

Reviewed by

September 11, 1990

Mr. Marc E. Althen
Manager, Environmental Services
Penske Truck Leasing Co.
Route 10, Green Hills
P.O. Box 563
Reading, Pennsylvania 19603
(215) 775-6268

Re: Revised Workplan for Initial Soil and Ground-Water Assessment, 725 Julie Ann Way,
Oakland, California
Project No. RC01903

Dear Mr. Althen:

Geraghty & Miller, Inc. (Geraghty & Miller) is pleased to submit this revised workplan for environmental services at the above referenced facility, formerly occupied by Penske Truck Leasing Co. (Penske). The original workplan, dated December 4, 1989, was prepared at the request of Alameda County Health Care Services Agency, Department of Environmental Health, Hazardous Materials Division (ACDEH) (ACDEH, October 24, 1989) and was based on the background information obtained from Scott Co., the contractor hired by Penske to perform the underground storage tank excavation and removal (Scott Co., November 6, 1989). This revised workplan has been modified based on comments contained in a letter from ACDEH to Penske dated September 4, 1990, comments from Penske, and additional information supplied to Geraghty & Miller by Penske. The scope of work described in this workplan is designed to assess the extent of petroleum hydrocarbons in the soil and shallow ground water in the vicinity of the former location of the underground storage tanks at the project site.

BACKGROUND

During October 1989, one 10,000-gallon unleaded gasoline storage tank, one 10,000-gallon diesel storage tank, one 550-gallon diesel storage tank, and one 550-gallon waste oil storage tank were excavated and removed from the Penske site. The approximate former locations of the underground storage tanks are shown in Figure 1. During the excavation of the underground storage tanks, a representative of the ACDEH was present to observe the tank removal and soil sampling activities. A representative of EA Engineering, Science, and Technology was present to collect soil samples and document soil sampling and tank locations (Scott Co., November 6, 1989).

At the time the 10,000-gallon unleaded gasoline and the 10,000-gallon diesel storage tanks were removed, several inches of water containing a product odor were observed in the excavation beneath each tank. Water was reportedly observed draining through a hole on the underside of the unleaded gasoline storage tank beneath the fill spout. The 550-gallon waste oil tank appeared to be intact (Scott Co., November 6, 1989).

Following removal of the underground storage tanks, soil samples were collected from the two excavations. The approximate soil sampling locations are shown in Figure 1. Six soil samples (#1 through #6) were collected from the excavation from which the unleaded gasoline and diesel tanks were removed. The samples were collected from the sidewalls of the excavation at depths ranging from 8 feet to 9.5 feet below the ground surface (Scott Co., November 6, 1989). The samples were collected from the sidewalls of the excavation rather than the base of the excavation because of water present in the excavation (Bob Dias, Scott Co., verbal communication, November 8, 1989). One soil sample (#7) was collected from a depth of 7.5 feet below the ground surface from the base of the waste oil tank excavation. The representative of the ACDEH concurred with the soil sampling locations and laboratory analysis performed. A summary of the laboratory procedures and analytical results is presented in Table 1 (Scott Co., November 6, 1989).

The ACDEH representative requested that the water in the base of the unleaded gasoline and diesel storage tank excavation be purged and that, if water subsequently reentered the excavation, a sample should then be collected. A vacuum truck was scheduled for the following day. When the truck arrived at the site, the excavation was dry (Scott Co., November 6, 1989).

Following receipt of the analytical results for the soil samples, Penske initially planned on backfilling the excavations on Monday October 23, 1989 (Geraghty & Miller, October 18, 1989). Penske subsequently decided to postpone the backfilling operation until receiving a description of what would be required by ACDEH after the excavation was backfilled. A description of these requirements was received by Penske in a letter from ACDEH requesting a workplan to "complete contaminant assessment and begin remediation" (ACDEH, October 24, 1989). The excavations were scheduled to be backfilled on November 2 or 3, 1989 (Geraghty & Miller, October 31, 1989). The backfilling was completed on November 30, 1989 by Scott Co. The excavated soils were stockpiled at the site. Based on the information supplied to Geraghty & Miller by Penske (Attachment 1), a total of 235.38 tons of soil were transported by GSX Services and Cobern Trucking to the GSX Services facility located in Buttonwillow, California for disposal. Copies of the Weighmaster Certificates and Uniform Hazardous Waste Manifests are included in Attachment 1.

During the subsequent backfilling of the excavations, water with a broken sheen of phase-separated hydrocarbons was observed in the excavation. Approximately 300 gallons of water were purged from the excavation and transported under manifest to Refinery Services in Patterson, California (Mr. Jay Grow, Scott Co., verbal communication, December 1, 1989). The site is located approximately one-quarter mile northeast of San Francisco Bay; therefore, the anticipated direction of shallow ground water flow is toward the southwest. Based on the proximity of the site to San Francisco Bay, the site may lie within the zone of tidal influence.

SOIL SAMPLE RESULTS

Table 1 presents a summary of the laboratory analytical results for soil samples collected from the tank excavations. Concentrations of total petroleum hydrocarbons (TPH) as gasoline detected in the soil samples collected from the diesel fuel and unleaded gasoline tank excavation ranged from 22.4 mg/kg (#6) to 2,100 mg/kg (#4). Concentrations of TPH as diesel ranged from 840 mg/kg (#6) to 13,000 mg/kg (#3). TPH as gasoline was detected in the soil sample collected from the base of the waste oil tank excavation at a

concentration of 97 mg/kg. TPH as diesel was detected at a concentration of 240 mg/kg. Soil samples #3, #5, and #7 were also analyzed for oil and grease. The highest concentration of oil and grease (54 mg/kg) was detected in Sample #3 collected from within the diesel fuel and unleaded gasoline tank excavation. Sample #7 was also analyzed for total cadmium, total chromium, total lead, total zinc (USEPA Method 6010) (see Table 1), volatile organic compounds (USEPA Method 8240), and purgeable halocarbons (USEPA Method 8010). Volatile organic compounds and purgeable halocarbons were not detected.

No results given

According to the guidelines typically followed by the California Regional Water Quality Control Board (RWQCB), a soil/ground-water investigation is required if the concentration of either TPH and/or oil and grease is greater than 100 mg/kg in soil samples collected from within the first two feet of native soil beneath the tank. According to these guidelines, the 100 mg/kg level is not a clean-up level, but was developed as a method to prioritize the case load and indicate whether a significant volume of fuel had been released or discharged. The clean-up level for a site is determined by assessing the potential impact of residual soil contamination on the ground water (RWQCB, June 2, 1988, Revised May 18, 1989).

The following scope of work is designed to address the requests of the ACDEH for assessing the extent of petroleum hydrocarbons in the soil and shallow ground-water in the vicinity of the former locations of the underground storage tanks. As requested, a health and safety plan has also been prepared and is included as Attachment 2.

SCOPE OF WORK

Task 1 - Modifications to Original Workplan

This workplan supercedes the original workplan dated December 4, 1989. The modifications consist of addressing the ACDEH comments contained in their letter to Penske dated September 4, 1990 and the request of Penske to delete the aquifer testing task which was contained in the original workplan.

Task 2 - Pre-Field Activities

Geraghty & Miller will schedule subcontractors, materials, and supplies. Prior to drilling, the required drilling and well installation permits will be obtained. An underground locating company will be scheduled to clear all proposed drilling locations of subsurface obstructions.

Task 3 - Exploratory Drilling, Soil Sampling, Well Installation, and Ground-Water Sampling

In order to better define the extent of petroleum hydrocarbons in the vicinity of the former location of the underground storage tanks, and to assess whether petroleum hydrocarbons have impacted the shallow ground water beneath the site, **up to six exploratory borings will be drilled at the approximate locations shown in Figure 1. Three of the six exploratory borings are proposed within the areas of the former excavations and are designed to better define the vertical extent of petroleum hydrocarbons.** The proposed borings within the area of the former location of the diesel fuel and unleaded gasoline storage tank excavation are located in areas where the highest concentrations of TPH were detected in the soil samples collected during removal of the storage tanks. Exploratory drilling and soil sampling procedures are described in Attachment 3.

What about lateral extent?

The total depth of the exploratory borings will be determined during drilling. Exploratory borings which will not be converted into ground-water monitoring wells will be terminated at a depth of (1) approximately 50 feet below the ground surface, or first encountered water, or the depth at which field screening of soil samples indicates that petroleum hydrocarbons are not present in the soil, whichever depth is shallowest. The field screening technique for soil samples is described in Attachment 3.

In order to better define the lateral extent of petroleum hydrocarbons in the soil and to assess whether the shallow ground water beneath the site has been impacted by petroleum hydrocarbons, three of the six exploratory borings will be drilled around the perimeter of the excavations (see Figure 1). If first encountered water occurs deeper than 50 feet below the ground-surface and field screening of soil samples indicates that petroleum hydrocarbons are not present in the soil at a depth of 50 feet below the ground surface, the borings will be terminated and will not be converted into ground-water monitoring wells. If water is encountered at a depth of less than 50 feet below the ground surface, the exploratory borings will be extended to a depth approximately 20 feet below first encountered water or terminated in a minimum of three feet of low permeability soil. Upon completion, the borings will be converted into ground-water monitoring wells by installing 4-inch diameter PVC casing. The slotted portion of the casing will extend from the bottom of the well to approximately 10 feet above first encountered water. The well completion may vary based on the actual hydrogeologic conditions encountered during the exploratory drilling. The top of casing and ground surface elevation for each well, relative to mean sea-level, will be surveyed by a state licensed surveyor.

The locations of the proposed ground-water monitoring wells are based on the anticipated direction of shallow ground-water flow. The well proposed in the vicinity of the southern corner of the former diesel and unleaded tank excavation is anticipated to be hydraulically down-gradient of the former location of the underground storage tanks. The well proposed in the vicinity of the northern side of the former excavation is anticipated to be hydraulically cross-gradient or down-gradient of the former location of the tanks, depending on the direction of shallow ground-water flow beneath the site. The well proposed to the east of the former location of the waste oil tank is anticipated to be hydraulically up-gradient of the former storage tanks.

ACDEH will require that the extent of soil containing greater than 100 mg/kg TPH as gasoline, diesel or oil & grease be defined (ACDEH, September 4, 1990). Based on field observations during drilling, if petroleum hydrocarbons are detected in the soil or water, additional borings or wells may be installed further from the location of the former excavations to better define the extent of petroleum hydrocarbons in the soil and/or shallow ground water. Additional borings or wells would be drilled at locations 50 to 100 feet from a boring in which hydrocarbons were detected in the field. Additional borings would be considered as a change in the scope of work and would require Penske's approval prior to initiating the work.

Ground-water samples will be collected from monitoring wells installed during the exploratory drilling activities. Ground-water sampling procedures are described in Attachment 3.

Task 4 - Laboratory Analysis

The soil and water samples will be submitted to a state-certified laboratory for analysis. The soil samples collected from the borings in the vicinity of the former location of the diesel and gasoline storage tanks will be analyzed for TPH as gasoline and as diesel (Modified USEPA Method 8015), and for benzene, toluene, xylenes, and ethylbenzene (BTXE) (USEPA Method 8020). Soil samples collected from the borings in the vicinity of the former location of the waste oil tank will be analyzed for TPH as gasoline and diesel and volatile organic compounds (USEPA Method 8240).

Ground-water samples collected from the monitoring wells in the vicinity of the former location of the diesel and gasoline tanks will be analyzed for TPH as gasoline and as diesel (Modified USEPA Method 8015) and BTXE (USEPA Method 602). The water sample collected from the well in the vicinity of the former location of the waste oil tank will be analyzed for volatile organic compounds (USEPA Method 8240). Up to two samples will also be analyzed for total dissolved solids (USEPA Method 160), total hardness (USEPA Method 6010), and chlorides (USEPA Method 300.0).

Task 5 - Report Preparation

Following receipt of all data, Geraghty & Miller will prepare a report of the results of the assessment activities including the following:

- Description of the regional hydrogeology;
- Description of the exploratory drilling, soil sampling, well installation, and ground-water sampling activities;
- Exploratory boring logs and well completion details;
- A summary and discussion of the findings and analytical results;
- Conceptual description of soil and/or ground-water remediation options.

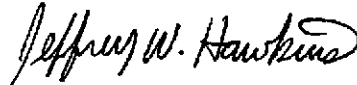
Based on the results of the initial site assessment activities described in this workplan, recommendations for additional characterization and/or remedial investigations will be made, at the request of Penske.

PROJECT SCHEDULE

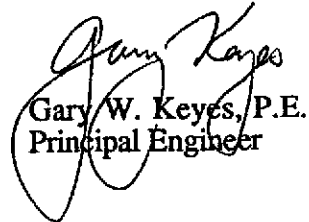
We estimate that the required subcontractors can be scheduled to begin the drilling activities within three weeks following receipt of approval of the workplan, depending on availability of appropriate drilling contractors. We estimate that the drilling and well installation activities will require one week to complete. Well development and ground-water sampling activities will require approximately one week. Analytical results will be received from the laboratory two weeks after ground-water sampling is complete. Analysis of the data and preparation of the report will require approximately three weeks to complete.

If you have any questions regarding this workplan, please do not hesitate to call.

Sincerely,
GERAGHTY & MILLER, INC.



Jeffrey W. Hawkins, R.G.
Senior Geologist



Gary W. Keyes, P.E.
Principal Engineer

Attachments: References

Table 1 - Soil Sample Analytical Results

Figure 1 - Site Plan

Attachment 1 - Copies of Weighmaster Certificates and Uniform Hazardous
Waste Manifests

Attachment 2 - Health and Safety Plan

Attachment 3 - Exploratory Drilling, Soil Sampling, and Ground-Water
Sampling Procedures

REFERENCES

ACDEH, September 4, 1990, Underground Fuel Tank Removals, 725 Julie Ann Way, Oakland, CA.

ACDEH, October 24, 1989, Unauthorized Release, Underground Fuel and Waste Oil Tanks, 725 Julie Ann Way, Oakland, CA 94606.

Geraghty & Miller, October 31, 1989, Underground Storage Tank Removal, Penske Truck Leasing Co. Facility, 725 Julie Ann Way, Oakland, California.

Geraghty & Miller, October 18, 1989, Underground Storage Tank Removal, Penske Truck Leasing Co. Facility, 725 Julie Ann Way, Oakland, California.

Scott Co., November 6, 1989, Summary of activities of tank pull at Hertz Penske, 725 Julie Ann Street, Oakland, California, October 10th, 1989.

RWQCB, June 2, 1988, Revised May 18, 1989, Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks, Tri-Regional Recommendations.

Table 1 - Soil Sample Analytical Results
Penske Truck Leasing Co. Facility, 725 Julie Ann Way, Oakland, California.

Petroleum Hydrocarbons

Sample	Date	Depth (1) (feet)	TPH - Gasoline (2) (mg/kg)	TPH - Diesel (2) (mg/kg)	Benzene (3) (mg/kg)	Toluene (3) (mg/kg)	Xylenes (3) (mg/kg)	Ethylbenzene (3) (mg/kg)	Grease & Oil (4) (mg/kg)
#1	11-Oct-89	9	161	2,300	0.46	0.27	0.09	<.05	—
#2	11-Oct-89	9	430	4,400	10.3	21.2	36	6.5	—
#3	11-Oct-89	8	1,410	13,000	32	79	66	9.1	54
#4	11-Oct-89	8	2,100	2,800	36	110	185	38	—
#5	11-Oct-89	8	830	4,200	12	38	61	11	35
#6	11-Oct-89	9.5	22.4	840	<.05	<.05	<.05	<.05	—
#7	11-Oct-89	7.5	97	240	0.16	0.08	<.05	0.05	7

Metals (5)

Sample	Date	Depth (1) (feet)	Total Cadmium (mg/kg)	Total Chromium (mg/kg)	Total Lead (mg/kg)	Total Zinc (mg/kg)
#7	11-Oct-89	7.5	<0.5	46	11	36

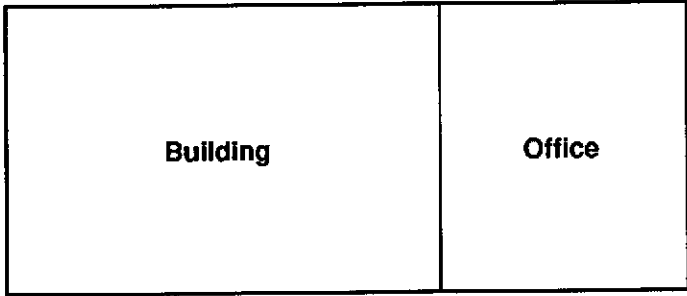
Notes:

- (1) Depth reported as feet below ground surface.
- (2) Analyzed using Modified USEPA Method 8015.
- (3) Analyzed using USEPA Method 8020.
- (4) Analyzed using USEPA Method 9071. Results reported in percent on certified laboratory report.
- (5) Analyzed using USEPA Method 6010.

— Not analyzed

For certified laboratory reports see Scott Co., November 6, 1989.

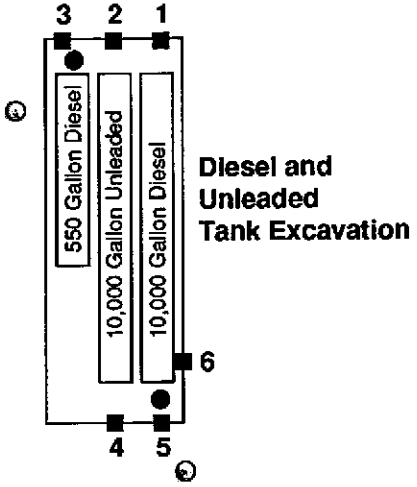
FENCE LINE



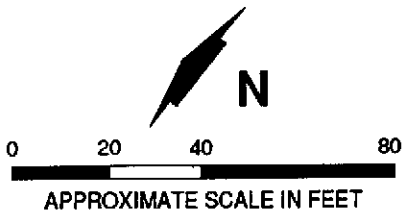
7 Waste Oil Tank Excavation

■

●



JULIE ANN WAY



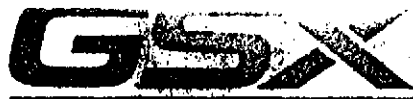
LEGEND

- 1 Approximate Location of Soil Sample Collected by EA Engineering, Science, and Technology (Scott Co., November 6, 1989)
- Proposed Ground-water Monitoring Well
- Proposed Exploratory Boring

FIGURE 1
SITE MAP
 PENSKE TRUCK LEASING CO.
 OAKLAND, CALIFORNIA
 RC01902

ATTACHMENT 1

**COPIES OF WEIGHMASTER CERTIFICATES AND
UNIFORM HAZARDOUS WASTE MANIFESTS**



114651

LOAD # 1

RCRA

HAZARDOUS (Non-RCRA)

P.O. Box 787 • Buttonwillow, CA 93206 • (905) 762-7372

WMU # 28

LOCATION 13C-6

NON HAZARDOUS

DATE 1-12-90

4:53PM

15:42:00 PM JAN 12, 90
60850 LB KEYS
33960 LB TAIL
26900 LB NET

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

Weighed on Lokern Road 7 miles West of Buttonwillow

89767614

MANIFEST NO

26900

QUANTITY

13.45 @

DRG. (lbs)

100 Per Ton

RATE

1345.00

TRUCKING CO. GSX

WASTE HAULER REGISTRATION NO.

GSX SERVICES, INC.

GENERATOR Penske Truck Leasing

COMPANY

ORLAND

LOCATION

Weighmaster by

Deputy

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE.

Truck # 740

FOR WASHOUT: DRIVER'S INITIALS

DRIVER'S SIGNATURE X

Truck Lic. No. BP

DESCRIPTION: SOLID SLUDGE LIQUID

STATE ID # 011

EPA ID #

Trailer Lic. No.

ON-SITE ID: ANALYST

C. KRILL

WASTE ID #

D-362

Trailer Lic. No.

SAMPLING PROCEDURE

By C. KRILL

ColiWassa

Thiel

Grab: Top Bottom

Scoop

Waste Pile Sampler

*D = Driver

#	RESULT	YES	NO	TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO	COLOR
pH (3)	7.19	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HCVF(22)	40 PPM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Abop(20)	TRAC-PAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	890008
Yt(1)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SUBSAL	POS NEG	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sp Gr(2)	2.17	<input checked="" type="checkbox"/>	<input type="checkbox"/>	44
FL(21)	YES <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cyano (2)	POS NEG	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rash	---	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4017

COMMENTS:

*N.O. - No oil present

*To be done on hazardous liquids only.

I CERTIFY THE THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWOCB ORDER NUMBER 89-150.

SIGNATURE OF TSDF OPERATOR X

I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN.

SIGNATURE X

1345.00

1479.00

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CA1D918166196091001012
 Man. Doc. No. 910101012

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

3. Generator's Name and Mailing Address
 Penske Truck Leasing Co., Attn: Marc Althen
 PO Box 563, Reading, PA 19603

A. State Manifest Document Number
 89767614

5. Transporter 1 Company Name
 GSX SERVICES
 6. US EPA ID Number CA1D089181648105

B. State Generator's ID
 HI A H O 31 61 - 01 21 71 61 1

7. Transporter 2 Company Name
 8. US EPA ID Number

C. State Transporter's ID 20 2126
 D. Transporter's Phone 415-372-4802

9. Designated Facility Name and Site Address
 GSX Services
 2500 Lokern Rd.
 Buttonwillow, CA 93206
 10. US EPA ID Number ICA1D191810161715121716

E. State Transporter's ID
 F. Transporter's Phone

G. State Facility's ID CA 0181061715121716
 H. Facility's Phone 805-762-7321

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type
 13. Total Quantity 26900 P
 14. UN WH/Vol 2016 Y
 L Waste No. 611

a. California Regulated Waste Only, Soil Contaminated with Diesel

State 611
 EPA/Other none
 State

b.

EPA/Other
 State

c.

EPA/Other
 State

d.

EPA/Other
 State

J. Additional Descriptions for Materials Listed Above
 Soil 99-100% profile # D 368
 Diesel 1-0% Phy Address: 725 Julie Ann Way
 Oakland, CA

K. Handling Codes for Wastes Listed Above
 a. 03
 b.
 c.
 d.

15. Special Handling Instructions and Additional Information
 Wear gloves, goggles and other protective equipment when handling this material.

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.

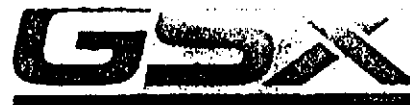
Printed/Typed Name: JAMES W. TODD
 Signature: [Signature]
 Month Day Y: 10/11/19

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name: BILL PRATT
 Signature: [Signature]
 Month Day Y: 10/11/19

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name: [Blank]
 Signature: [Blank]
 Month Day Y: [Blank]

19. Discrepancy Indication Space Generator (Marc Althen) contacted 1/16/90 @ 1348 hrs. Confirmed quantity to be estimate. Actual quantity was 26900 P as revised.
 [Signature]

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name: CHRIS KRIER
 Signature: [Signature]
 Month Day Y: 10/11/19



174650

LOAD # 1

HAZARDOUS (Non-RCRA)

P.O. Box 787 • Buttonwillow, GA 93206 • (805) 762-7372

WMU # 28 LOCATION 13-C-6

NON HAZARDOUS

DATE 1-12-90

4:57PM 1-12-90 73600 LB GR.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

05:45 PM JAN 12, 90
73600 LB KEYS
05:45 PM JAN 12, 90
34440 LB TARE
05:45 PM JAN 12, 90
39150 LB NET

MANIFEST NO 29767612 QUANTITY 39160 RATE 100 per Ton bbls./lbs. 1958.00

TRUCKING CO. ~~Buttonwillow~~ GSX WASTE HAULER REGISTRATION NO. _____

GSX SERVICES, INC.
Weighmaster by [Signature]
Deputy _____

GENERATOR POUSE TRUCK LEASING COMPANY OAKLAND, CA LOCATION

Truck # 241

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE.

FOR WASHOUT: DRIVER'S INITIALS _____ DRIVER'S SIGNATURE X [Signature]

Truck Lic No 8M49717

DESCRIPTION: SOLID SLUDGE _____ LIQUID _____ STATE ID # 611 EPA ID # _____

Trailer Lic. No DT70770

ON-SITE ID: ANALYST C. KRIK WASTE ID # D.368

Trailer Lic No _____

I	RESULT		TEST #	RESULT		TEST #	RESULT	
	YES	NO		YES	NO		YES	NO
pH (3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HCV(22)	LOW	<input checked="" type="checkbox"/>	Abop(26)	Trace-PAL	<input checked="" type="checkbox"/>
Vs(1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SMBAL	POS NEG	<input checked="" type="checkbox"/>	So Gr(2)	2.03	<input type="checkbox"/>
FL(21)	YES	<input checked="" type="checkbox"/>	Cryst(2)	POS NEG	<input checked="" type="checkbox"/>	Flash	---	<input type="checkbox"/>

COLOR BROWN
890028
241
WATER
D368

SAMPLING PROCEDURE

- * By C. KRIK
- Goliwassa
- Thiel
- Grab Top Bottom
- Scoop
- Waste Pile Sampler
- *D = Driver

I CERTIFY THE THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWOCB ORDER NUMBER 89-150.

SIGNATURE OF TSDF OPERATOR [Signature]

I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN.

SIGNATURE X [Signature]

1958.00
2153.00

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **C A D 9 8 1 6 6 1 9 6 0 9 0 0 0 1**

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

3. Generator's Name and Mailing Address
Penske Truck Leasing Co., Attn: Marc Althen
PO Box 563, Reading, PA 19603

A. State Manifest Document Number
89767612

4. Generator's Phone (215) 775-6000

B. State Generator's ID
H A H Q 3 6 - 0 2 7 6 6 1

5. Transporter 1 Company Name
G S X

C. State Transporter's ID
001211

6. US EPA ID Number
C A D 1 0 8 9 8 6 A 8 0 5

D. Transporter's Phone
800 445 0203

7. Transporter 2 Company Name

E. State Transporter's ID

8. US EPA ID Number

F. Transporter's Phone

9. Designated Facility Name and Site Address
GSX Services
2500 Lokern Rd.
Buttonwillow, CA 93206

G. State Facility's ID
C 1 0 0 1 8 1 0 1 0 7 1 5 2 7 1 0

10. US EPA ID Number
C A D 9 8 1 0 6 7 5 2 7 6

H. Facility's Phone
805-762-7341

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	13. Total Quantity	14. Unit (M/Vol)	15. Waste No.	
				State	EPA/Other
a. California Regulated Wastes Only, Soil Contaminated with Diesel	111	39160	P	611	none
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
Soil 99-100% profile # D 368
Diesel 1-0% Phy Address: 725 Julie Ann Way
Oakland, CA

K. Handling Codes for Wastes Listed Above
 a. **03**
 b.
 c.
 d.

16. Special Handling Instructions and Additional Information
Wear gloves, goggles and other protective equipment when handling this material.

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: **JAMES W. TODD** Signature: *[Signature]* Month Day Year: **10/11/29**

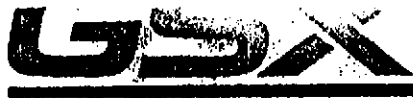
17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name: **CARL Smith** Signature: *[Signature]* Month Day Year: **10/11/29**

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name: Signature: Month Day Year:

19. Discrepancy Indication Space **Generator (Marc Althen) contacted 1/16/90 @ 1348 hrs. Confirmed quantity to be estimate. Actual quantity was 39160 P as revised.**

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name: **BRIAN HAWLEY** Signature: *[Signature]* Month Day Year: **10/11/29**

Do Not Write Below This Line



RCRA

LOAD #

HAZARDOUS (Non-RCRA)

P.O. Box 787 • Buttonwillow, CA 93208 • (805) 762-7372

WMU # 28 LOCATION 13-D-6

NON HAZARDOUS

8:05PM 1-12-90 73200 16 GR

DATE 01-12-90

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

99 # 10 PM JAN 12, 90
73200 LB KEYED G
99 # 10 PM JAN 12, 90
32540 LB TARE
99 # 10 PM JAN 12, 90
40660 LB NET

09767615 MANIFEST NO 40,660 QUANTITY 20.33 @ 100 Pcs/Ton 2033.00 bbls. /lbs.

TRUCKING CO. COBLEN TRUCKING WASTE HAULER REGISTRATION NO. _____

GSX SERVICES, INC.
Weighmaster by [Signature]
Truck # 106

GENERATOR PENSKE TRUCK LEASING COMPANY OAKLAND, CA. LOCATION

Truck Lic No. 4P65209

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULLED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE.

FOR WASHOUT: DRIVER'S INITIALS _____ DRIVER'S SIGNATURE [Signature]

Trailer Lic. No. DT 211

DESCRIPTION: SOLID SLUDGE _____ LIQUID _____ STATE ID # 611 EPA ID # _____

Trailer Lic. No. _____

ON-SITE ID: ANALYST C. KRIDER WASTE ID #: D-368

SAMPLING PROCEDURE

L	RESULT	YES	NO	TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO
pH (1)	7.04	X		HCVR(22)	PPM	X		Asp(20)	PPM	NA	
Vin(1)	OK	X		SMBAL	POS	NEG	X	Ba Gr(2)	1.96		
FL(21)	YES NO	X		Cr(8)	POS	YES	X	Flesh			

COLOR BROWN
SCUMS 29028
WATER 10/2

By: C. KRIDER
Coliwassa _____
Thief _____
Grab: Top _____ Bottom _____
Scoop X
Waste Pile Sampler _____
*D = Driver

COMMENTS: _____

I CERTIFY THE THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWQCB ORDER NUMBER 89-150.

SIGNATURE OF TSDF OPERATOR X [Signature]

I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN.

SIGNATURE X [Signature]

*N.O. - No oil present
*To be done on hazardous liquids only.
D368

202.30

2236.00

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CAD98166196090003**

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

3. Generator's Name and Mailing Address
**Penske Truck Leasing Co., Attn: Marc Althen
PO Box 563, Reading, PA 19603**

A. State Manifest Document Number
89767615

4. Generator's Phone (215) 775-6000

B. State Generator's ID
HAHQ36-027661

5. Transporter 1 Company Name
GEBORN Trucking

6. US EPA ID Number
CA091821746L37

C. State Transporter's ID
410-6257

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID
003163

9. Designated Facility Name and Site Address
**GSX Services
2500 Lokern Rd.
Buttonwillow, CA 93206**

10. US EPA ID Number
CA091801675276

G. State Facility's ID
805-762-7341

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type
1 1 DIT

a. California Regulated Waste Only, Soil Contaminated with Diesel

13. Total Quantity
40660 P

b.

14. Unit (Lb/Vol) Waste No.
**P State 611
EPA/Other none**

c.

State EPA/Other

d.

State EPA/Other

J. Additional Descriptions for Materials Listed Above
**Soil 99-100% profile # D 368
Diesel 1-0% Phy Address: 725 Julie Ann Way
Oakland, CA**

K. Handling Codes for Wastes Listed Above
a. 03

15. Special Handling Instructions and Additional Information
Wear gloves, goggles and other protective equipment when handling this material.

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
JAMES W. TOWN

Signature
James W. Town Month Day
10/11/89

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Linda Buccellato

Signature
Linda Buccellato Month Day
10/11/89

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name

Signature

19. Discrepancy Indication Space
**Generator (Marc Althen) contacted 1/16/90 @ 1348 hrs. Confirm quantity to be estimate. Actual quantity was 40660 P as revised.
The Whopper/65**

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest, except as noted in item 19.
Printed/Typed Name
BRIAN HAWLEY

Signature
Brian Hawley Month Day
10/11/89

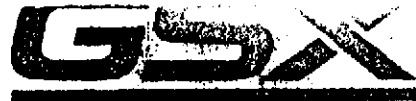
IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8902; WITHIN CALIFORNIA CALL 1-800-852-7550

89767615

GENERATOR

TRANSPORTER

FACILITY



114034

P.O. Box 787, Buttonwillow, CA 93206 • (805) 762-7372

LOAD # 1

HAZARDOUS (Non-RCRA)

WMU # 28 LOCATION 13-D-6

NON HAZARDOUS

9:02PM 1-12-90 73240 16 GR

DATE 01-12-90

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 6 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

99 = 13 PM JAN 12, 90
73240 LB KEIYED G
99 = 13 PM JAN 12, 90
30220 LB TAPE
99 = 13 PM JAN 12, 90
43020 LB NET

08223564 MANIFEST NO
21.51 QUANTITY
43,020 bbls / lbs
100 lbs / 200 lbs
RATE 2151.00

TRUCKING CO. COBROW TRUCKING WASTE HAULER REGISTRATION NO.
GENERATOR BOWKE TRUCK LEASING COMPANY OAKLAND, CA LOCATION

GSX SERVICES, INC.
Weighmaster by [Signature]
Truck # 105
Truck Lic. No. [Signature]
Trailer Lic. No. DT 27764
Trailer Lic. No.

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE.

FOR WASHOUT: DRIVERS INITIALS [Signature] DRIVER'S SIGNATURE X [Signature]
STATE ID # 411 EPA ID #

DESCRIPTION: SOLID X SLUDGE LIQUID

ON-SITE ID: ANALYST C. KRIER WASTE ID #: D-368

	RESULT	YES	NO	TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO
pH (9)	6.98	X		HCV(22)	0	X		Abap(25)	1.02	X	
VOL(1)	OK	X		S&M(1)	POS	NEG	X	Sr Gr(2)	1.02	X	
FL(21)	YES	NO	X	Cyn(3)	POS	NEG	X	Flash		X	

COLOR BROWN
870028
44
WATER
No. - No oil present
To be done on hazardous liquids only.
D368

SAMPLING PROCEDURE
By C. KRIER
Columbia
Thiel
Grab Top Bottom
Scoop X
Waste Pile Sampler
*D = Driver

I CERTIFY THAT THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWQCB ORDER NUMBER 89-150.

SIGNATURE OF TSDF OPERATOR X [Signature]
I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN.
SIGNATURE X [Signature]

2151.00
2366.10 D.W.

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

88223564 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A D 9 8 1 6 6 1 9 6 0 9 8 0 4		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address Penske Truck Leasing Co., Attn: Marc Althen PO Box 563, Reading, PA 19603				A. State Manifest Document Number 88223564		B. State Generator's ID H A H 0 3 6 - 0 2 7 6 6 1			
4. Generator's Phone (215) 775-6000				C. State Transporter's ID		D. Transporter's Phone 00915041			
5. Transporter 1 Company Name CORVEN TRUCKING		6. US EPA ID Number 17AD9823461317		E. State Transporter's ID 009150		F. Transporter's Phone			
7. Transporter 2 Company Name		8. US EPA ID Number		G. State Facility's ID C A D 9 1 8 0 6 7 5 2 7 6		H. Facility's Phone 805-762-7341			
9. Designated Facility Name and Site Address GSX Services 2500 Lokern Rd. Buttonwillow, CA 93206				10. US EPA ID Number					
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quant			
a. California Regulated Waste Only, Soil Contaminated with Diesel				No. Type		Unit			
				002		43 020		P	
J. Additional Descriptions for Materials Listed Above Soil 99-100% profile # D 368 Diesel 1-0% Phy Address: 725 Julie Ann Way Oakland, CA				K. Handling Codes for Wastes Listed Above					
15. Special Handling Instructions and Additional Information Wear gloves, goggles and other protective equipment when handling this material.				a. 03		b.			
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 JAMES W. TODD		Signature <i>James W. Todd</i>			
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name BOBBY DIZNEY		Signature <i>Bobby Dizney</i>			
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name		Signature			
19. Discrepancy Indication Space Generator (Marc Althen) contacted 1/16/90 @ 1348 hrs. Confirmed quantity to be estimate. Actual quantity was 43020 P as revised, confirmed No. of containers to be 002 as revised. <i>Bob Dizney/65</i>				20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19		Printed/Typed Name BRIAN HAWLEY			
				Signature <i>Brian Hawley</i>		Month Day Y. 10/11/89			

Do Not Write Below This Line

White: TSDF SENDS THIS COPY TO DOHS WITHIN
To: P.O. Box 3000, Sacramento, CA 95811



P.O. Box 787 • Buttonwillow, CA 93206 • (805) 762-7372

LOAD #

WMU # 28 LOCATION 13 P-6

RCRA

HAZARDOUS (Non-RCRA)

NON HAZARDOUS

DATE 1-12-90

WEIGHMASTER CERTIFICATE

4:53 PM

45:42 PM 73940 25 GR
77940 LB KEYS G
45:48 PM JAN 12, 90
31560 LB TARE
45:48 PM JAN 12, 90
46380 LB NET

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

08223566 MANIFEST NO
46 QUANTITY
23.19
100 Pcs Tons bbls./lbs.
RATE 2319.00

TRUCKING CO. ~~...~~ WASTE HAULER REGISTRATION NO. CHSM
GENERATOR ~~...~~ COMPANY ~~...~~ LOCATION OAKLAND, CA

GSX SERVICES, INC.
Weighmaster by [Signature] Deputy

Truck # C-11
Truck Lic No. 3W96509
Trailer Lic. No. NEW
Trailer Lic. No.

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE.

DRIVER WASHOUT: DRIVER'S INITIALS DRIVER'S SIGNATURE X [Signature]

DESCRIPTION: SOLID X SLUDGE LIQUID
STATE ID # 611 EPA ID #

ON-SITE ID: ANALYST C. KRUE WASTE ID #: D-362

	RESLT	YES	NO	TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO	COLOR
PH (5)	7.30	X		HCVPC23*	40 PPM	X		Absc(20)	PAGE PXL	X		Brown
VOL (1)	ok	X		BUBBL	POS NEG	X		So Gr (2)	2.11			% SOLIDS**
FL (21)	YES NO	X		Cys (13)	POS NEG	X		Flash				3290028

% SOLIDS**
% WATER**
*N.O. - No oil present
**To be done on hazardous liquids only.

COMMENTS:

I CERTIFY THE THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWQCS ORDER NUMBER 89-150.

SIGNATURE OF TSDF OPERATOR [Signature]

I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN.

SIGNATURE X [Signature]

SAMPLING PROCEDURE
By C. KRUE
Cohwassa
Thiel
Grab: Top Bottom
Scoop X
Waste Pile Sampler
*D = Driver

D 362
231.90
455090 SW

88223566
 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550
 GENERATOR
 TRANSPORTER
 FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A D 9 8 1 6 6 1 9 6 0	2. Page 1 of 1
3. Generator's Name and Mailing Address Penske Truck Leasing Co., Attn: Marc Aithen PO Box 563, Reading, PA 19603		4. Generator's Phone (215) 775-6000	A. State Manifest Document Number 88223566
5. Transporter 1 Company Name VIM C Chism	6. US EPA ID Number C A D 9 8 0 5 8 4 8 1 7	7. Transporter 2 Company Name	B. State Generator's ID H A H Q 3 6 - 0 2 7 6 6 1
8. Designated Facility Name and Site Address GSX Services 2500 Lokern Rd. Buttonwillow, CA 93206	9. US EPA ID Number C A D 9 8 0 6 7 5 2 7 6	10. US EPA ID Number	C. State Transporter's ID 025542-58 D. Transporter's Phone 209-867-48
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity
a. California Regulated Waste Only, Soil Contaminated with Diesel.		No. Type	14. Unit 46380 P
b.			15. Waste No. State 611
c.			EPA/Other none
d.			State
			EPA/Other
			State
			EPA/Other
J. Additional Descriptions for Materials Listed Above Soil 99-100% profile # D 368 Diesel 1-0% Phy Address: 725 Julie Ann Way Oakland, CA		K. Handling Codes for Wastes Listed Above a. 03 b. c. d.	
15. Special Handling Instructions and Additional Information Wear gloves, goggles and other protective equipment when handling this material.			

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 JAMES W. TODD	Signature <i>James W. Todd</i>	Month Day Year 10/11/290
17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name GUINDACE Horn	Signature <i>Guindace Horn</i>	Month Day Year 01/11/2910
18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space
Generator (Marc Aithen) contacted 1/16/90 @ 1348 hrs. Confirmed quantity to be **46380 P** as shown. For Calypso/GSX

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

Printed/Typed Name BRIAN HAWLEY	Signature <i>Brian Hawley</i>	Month Day Year 01/11/2910
---	----------------------------------	------------------------------

11477C



RCRA
 HAZARDOUS (Non-RCRA)
 NON HAZARDOUS

P.O. Box 787 • Buttonwillow, CA 93208 • (805) 762-7372

LOAD # 1
WMU # 28 LOCATION 140/6

DATE 1-24-90

7:51PM 1-24-90 00010 16 GR.

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture
Weighed on Lokern Road 7 miles West of Buttonwillow

08:57 PM JAN 24, 90
90040 LB KEYED G
08:57 PM JAN 24, 90
30160 LB KEYED T
08:57 PM JAN 24, 90
50680 LB NET

MANIFEST NO. 88223567 QUANTITY 25.34 50,680 100 lbs RATE 2534.00
TRUCKING CO. Cobern WASTE HAULER REGISTRATION NO. OKLAND

GENERATOR Danske Truck Leasing COMPANY OKLAND LOCATION

GSX SERVICES, INC.
Weighmaster by Chris Kevin Deputy

Truck # 105
Truck Lic. No. 1112002
Trailer Lic. No. V127264
Trailer Lic. No. _____

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE.

FOR WASHOUT: DRIVER'S INITIALS _____ DRIVER'S SIGNATURE X [Signature]

DESCRIPTION: SOLID SLUDGE _____ LIQUID _____
STATE ID # 651 EPA ID # _____

ON-SITE ID: ANALYST D. BIAS WASTE ID # D-368

TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO	COLOR
PH (1)	7.43	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HCV(P22)	50 PPM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Abap(20)	PASS FAIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Brown
VOL(1)	OK	<input checked="" type="checkbox"/>	<input type="checkbox"/>	BURBA	POS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	So Gr(2)	1.73	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
FL(21)	YES (NO)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Crab A	POS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flash	N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

89% OIL
49 WATER

COMMENTS: _____
*N.O. - No oil present
*To be done on hazardous liquids only.

SAMPLING PROCEDURE
By CK
Cottwassa
Thiel
Grab Top _____ Bottom _____
Scoop
Waste Pile Sampler _____
*D = Driver

I CERTIFY THE THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWQCB ORDER NUMBER 00-150.

SIGNATURE OF TSDF OPERATOR X Chris Kevin

I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN.

SIGNATURE X [Signature]

D-368

253.40
2737 (10)

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No. A D 9 8 1 6 6 1 9 6 0 Manifest Document No. 9 1 0 1 0 1

2. Page 1 of 1

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

3. Generator's Name and Mailing Address
Penske Truck Leasing Co., Attn: Marc Althen
PO Box 563, Reading, PA 19603

A. State Manifest Document Number
88223567

B. State Generator's ID
HIAH10361-101271611

4. Generator's Phone (215) 775-6000

C. State Transporter's ID
CAL 003150

5. Transporter 1 Company Name
COBERT INVESTING

6. US EPA ID Number
CA 9 1 8 1 3 2 1 4 6 1 3 1 7

D. Transporter's Phone
415-625-7400

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
GSX Services
2500 Lokern Rd.
Buttonwillow, CA 93206

10. US EPA ID Number
KIAID191810161715121716

G. State Facility's ID
CA 9 1 8 1 0 1 6 1 7 1 5 1 2 1 7 1 6

H. Facility's Phone
805-762-7341

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers	13. Total Quantity	14. Unk Wt/Vol	15. Waste No.
No. Type			State EPA/Other
46 002	50680	P	611
			none
			State
			EPA/Other
			State
			EPA/Other
			State
			EPA/Other

a. California Regulated Waste Only, Soil Contaminated with Diesel.

J. Additional Descriptions for Materials Listed Above
Soil 99-100% profile # D 368
Diesel 1-0% Phy Address: 725 Julie Ann Way
Oakland, CA

K. Handling Codes for Wastes Listed Above
a. **03**

15. Special Handling Instructions and Additional Information
Wear gloves, goggles and other protective equipment when handling this material.

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: **JAMES W. TODD** Signature: *James W. Todd* Month Day Year: **10/12/91**

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: **Bobby B. Disney** Signature: *Bobby B. Disney* Month Day Year: **10/12/91**

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: _____ Signature: _____ Month Day Year: _____

19. Discrepancy Indication Space
Generator (Marc Althen) contacted 1/30/90 @ 1315ha Confirmed quantity to be estimate. Actual quantity was 50680 P as revised. Confirmed that Sec 12 should reflect 002 DT as revised. *W. Wynn/GSX*

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: **CHRIS KRIER** Signature: *Chris Krier* Month Day Year: **10/12/91**

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8602; WITHIN CALIFORNIA CALL 1-800-852-7556

GENERATOR

TRANSPORTER

FACILITY



D16

117.11

RCRA
 HAZARDOUS (Non-RCRA)

P.O. Box 787 • Buttonwillow, CA 93206 • (805) 762-7372

LOAD # 1
WMJ # 28 LOCATION 14 D/6

NON HAZARDOUS
DATE 1-24-90

7:41 PM 1-24-90 31060 16 GR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

24.67 @

88223568

49340

bbls./ @ 100 Per Ton bbls./bs.

08:30 PM JAN 24, 90
81060 LB KEYED G
09:36 PM JAN 24, 90
31720 LB KEYED 7
09:30 PM JAN 24, 90
49340 LB HLT

MANIFEST NO 88223568 QUANTITY 49340 RATE 2467
TRUCKING CO. Coburn Trucking WASTE HAULER REGISTRATION NO.

GENERATOR Penste Truck Leasing COMPANY OAKLAND LOCATION

GSX SERVICES, INC.
Weighmaster by Chris Kuein Deputy

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE.

DR WASHOUT: DRIVER'S INITIALS DRIVER'S SIGNATURE X
DESCRIPTION: SOLID SLUDGE LIQUID
STATE ID # 611 EPA ID #

Truck # 104
Truck Lic. No. BP65458
Trailer Lic. No. PT 27210
Trailer Lic No.

ON-SITE ID: ANALYST D. BIAS WASTE ID #: D-368

L	RESULT	YES	NO	TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO	COLOR
#H (9)	7.31	Y		HCVP(22)	50 PPM	X		Absc(26)	PAHs - PAH	N/A		Brown
Vb(1)	OK	X		SUBAL	POS (NEG)	Y		So Gr(2)	2.15			
FL(21)	YES (NO)	Y		Cy(18 A)	POS (NEG)	Y		Flash				

8290028
44
10/10
% WATER: **
*N.D. = No oil present
**To be done on hazardous liquids only.

SAMPLING PROCEDURE
By Chris Kuein
Caliwassa
Thiel
Grab Top Bottom
Scoop X
Waste Pile Sampler
*D = Driver

I CERTIFY THE THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWOCB ORDER NUMBER 00-150.
SIGNATURE OF TSDF OPERATOR X Chris Kuein
I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN
SIGNATURE X Charles Smith

D368
246.70
2713.70

88223568
 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-952-7550

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No. A, D, 9, 8, 1, 6, 6, 1, 9, 6, 0 Manifest Document No. 90000

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

3. Generator's Name and Mailing Address
Penske Truck Leasing Co., Attn: Marc Althen
PO Box 563, Reading, PA 19603

A. State Manifest Document Number
88223568

4. Generator's Phone (215) 775-6000

B. State Generator's ID
HAHQ36-027661

5. Transporter 1 Company Name
COBERN Trucking

6. US EPA ID Number
CA 9812346610

C. State Transporter's ID
3152

D. Transporter's Phone
415 278 0628

9. Designated Facility Name and Site Address
GSX Services
2500 Lokern Rd.
Buttonwillow, CA 93206

10. US EPA ID Number
CA, D, 9, 8, 0, 6, 7, 5, 2, 7, 6

G. State Facility's ID
CA D 91810617157276

H. Facility's Phone
805-762-7341

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a. <u>California Regulated Waste Only, Soil Contaminated with Diesel.</u>	<u>1</u>	<u>49340</u>	<u>P</u>	State <u>611</u> EPA/Other <u>none</u>
b.				State EPA/Other
c.				State EPA/Other
d.				State EPA/Other

12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
<u>1</u>	<u>49340</u>	<u>P</u>	State <u>611</u> EPA/Other <u>none</u>
			State EPA/Other
			State EPA/Other
			State EPA/Other

J. Additional Descriptions for Materials Listed Above
Soil 99-100% profile # D 368
Diesel 1-0% Phy Address: 725 Julie Ann Way
Oakland, CA

K. Handling Codes for Wastes Listed Above
 a. 03
 b.
 c.
 d.

15. Special Handling Instructions and Additional Information
Wear gloves, goggles and other protective equipment when handling this material.

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 James W. Todd Signature [Signature] Month Day Year 10/12/90

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name ROBYN COBERN Signature [Signature] Month Day Year 12/12/90

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month Day Year _____

19. Discrepancy Indication Space
Generator (Marc Althen) contacted 1/30/90 @ 1315 hrs. Confirmed quantity to be estimate. Actual quantity was 49340 P as revised. [Signature]

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name CHRIS KRIER Signature [Signature] Month Day Year 12/12/90



11701

RCRA

HAZARDOUS (Non-RCRA)

P.O. Box 787 • Buttonwillow, CA 93208 • (805) 762-7372

LOAD # 1

WMU # 28 LOCATION 111 D/1

NON HAZARDOUS

4:49PM 1-24-90 76560 LB GR.

DATE 1-24-90

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

05:59 PM	JAN	24,90
76560 LB	KEYED	G
05:59 PM	JAN	24,90
34500 LB	KEYED	T
05:59 PM	JAN	24,90
42000 LB	NET	

21.03
88223569 MANIFEST NO 42060 QUANTITY 100 Per 200 @ 2103.00 RATE

TRUCKING CO. GSX WASTE HAULER REGISTRATION NO. _____
 GENERATOR Penske Truck Leasing COMPANY OAKLAND LOCATION

GSX SERVICES, INC.
 Weighmaster by [Signature]
 Deputy _____

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE.

*FOR WASHOUT: DRIVER'S INITIALS _____ DRIVER'S SIGNATURE X [Signature]

DESCRIPTION: SOLID SLUDGE _____ LIQUID _____
 STATE ID # 611 EPA ID # _____

ON-SITE ID: ANALYST D. BIAS WASTE ID # D-368

TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO	COLOR
PH (1)	7.95	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HCYP(22)	60 PPM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Absp(28)	PASS FAIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Brown
Vib(1)	OK	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SURBA	POS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	So Gr(2)	2.09	<input checked="" type="checkbox"/>	<input type="checkbox"/>	% SOLIDS*
FL(21)	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	CYR A	POS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flash	N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>	% WATER**

COMMENTS: _____
 *N.O. - No Oil present
 **To be done on hazardous liquids only.

I CERTIFY THE THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWQCB ORDER NUMBER 09-150.
 SIGNATURE OF TSDF OPERATOR X [Signature]

I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN.
 SIGNATURE X [Signature]

SAMPLING PROCEDURE
 *By [Signature]
 Ciliwassa _____
 Thief _____
 Grab Top Bottom _____
 Scoop _____
 Waste Pile Sampler _____
 *D = Driver

890028
47
10/10
D 368
210.30
2313.30

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. A, D, 9, 8, 1, 6, 6, 1, 9, 6, 0, 9, 0, 0, 0

2. Page 1 of 1
 A. State Manifest Document Number: 88223569
 B. State Generator's ID: HAHQ36-027661
 C. State Transporter's ID: 001210
 D. Transporter's Phone: 908-450203
 E. State Transporter's ID:
 F. Transporter's Phone:
 G. State Facility's ID: CA101918067152761
 H. Facility's Phone: 805-762-7341

3. Generator's Name and Mailing Address:
 Penske Truck Leasing Co., Attn: Marc Althen
 PO Box 563, Reading, PA 19603
 4. Generator's Phone (215) 775-6000
 5. Transporter 1 Company Name: GSX SERVICES
 6. US EPA ID Number: CA101918067152761
 7. Transporter 2 Company Name:
 8. US EPA ID Number:
 9. Designated Facility Name and Site Address:
 GSX Services
 2500 Lokern Rd.
 Buttonwillow, CA 93206
 10. US EPA ID Number: CA101918067152761

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
	No.	Type			
a. California Regulated Waste Only, Soil Contaminated with Diesel	1	DI T	42060 P		State 611 EPA/Other none
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above:
 Soil 99-100% profile # D 368
 Diesel 1-0% Phy Address: 725 Julie Ann Way
 Oakland, CA

K. Handling Codes for Wastes Listed Above:
 a. 03
 b.
 c.
 d.

15. Special Handling Instructions and Additional Information:
 Wear gloves, goggles and other protective equipment when handling this material.

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: JAMES W. TODD
 Signature: [Signature]
 Month Day Year: 10/12/90

17. Transporter 1 Acknowledgement of Receipt of Materials:
 Printed/Typed Name: BILL WILLIAMS
 Signature: [Signature]
 Month Day Year: 10/12/90

18. Transporter 2 Acknowledgement of Receipt of Materials:
 Printed/Typed Name:
 Signature:
 Month Day Year:

19. Discrepancy Indication Space: Generator (Marc Althen) contacted 1/30/90 @ 1315 hrs. Confirmed that the actual quantity was 42060 P as revised. [Signature] / GSX

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
 Printed/Typed Name: CHRIS KRIER
 Signature: [Signature]
 Month Day Year: 10/12/90

88223569

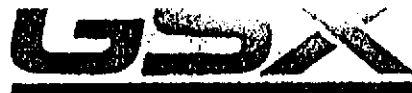
IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-952-7550

GENERATOR

TRANSPORTER

FACILITY

RCRA



P.O. Box 787 • Buttonwillow, CA 93206 • (805) 762-7372

LOAD # 1
WMU # 28 LOCATION 141016

HAZARDOUS (Non-RCRA)

NON HAZARDOUS

DATE 1-24-90

4:45PM 1-24-90 70450 16 GR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture
Weighed on Lokern Road 7 miles West of Buttonwillow

88223571 18.24 @ 36,480 bbls / 100 100 Pcs / 7 1824 bbls / lbs.
 MANIFEST NO QUANTITY RATE
 TRUCKING CO. GSX WASTE HAULER REGISTRATION NO. 95:44 PM JAN 24, 90
 GENERATOR Penske TRUCK LEASING COMPANY OAKLAND LOCATION 70450 LB KEYED G
 Weighmaster by Christina Deputy

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE.

FOR WASHOUT: DRIVER'S INITIALS _____ DRIVER'S SIGNATURE [Signature]
 DESCRIPTION: SOLID SLUDGE _____ LIQUID _____ STATE ID # 611 EPA ID # _____
 ON-SITE ID: ANALYST DBIAS WASTE-ID # D-368
 Truck # 296
 Truck Lic. No. 215109441
 Trailer Lic. No. 0176739
 Trailer Lic. No. _____

RESULT	YES	NO	TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO
pH (3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HQVP(22)	50 PPM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Absp(26)	PASS - FAIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vs(1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SUBA	POS (NEG)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sp Gr (2)	1.75	<input checked="" type="checkbox"/>	<input type="checkbox"/>
F.L(21)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cylo A	POS (NEG)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flash	N/A	<input checked="" type="checkbox"/>	<input type="checkbox"/>

COLOR Brown
 % SOLIDS* _____
 % OIL* _____
 *N.O. - No oil present
 *To be done on hazardous liquids only.
890928
1012
D-368

SAMPLING PROCEDURE
 *By C. [Signature]
 Colwassa
 Thief
 Grab Top Bottom
 Scoop
 Waste Pile Sampler
 *O = Driver

I CERTIFY THE THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWOCB ORDER NUMBER 89-150.
 SIGNATURE OF TSDF OPERATOR X [Signature]
 I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN.
 SIGNATURE X [Signature]

182.40
36,480

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. AD9876619609000 Manifest Document No. 02

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

3. Generator's Name and Mailing Address
Penske Truck Leasing Co., Attn: Marc Althen
PO Box 563, Reading, PA 19603

A. State Manifest Document Number
88223571

5. Transporter 1 Company Name
GSX Services

B. State Generator's ID
HAN036+027661

7. Transporter 2 Company Name

C. State Transporter's ID
001208

9. Designated Facility Name and Site Address
GSX Services
2500 Lokern Rd.
Buttonwillow, CA 93206

D. Transporter's Phone
415-372-4840

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID
CA098018154714

H. Facility's Phone
805-762-7341

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	L Waste No.
	No.	Type			
a. California Regulated Waste Only: Soil Contaminated with Diesel	1	1	36480 70834	P	State: 811 EPA/Other: none
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
Soil 99-100% profile # D 368
Diesel: 1-0% Phy Address: 725 Julie Ann Way
Oakland, CA

K. Handling Codes for Wastes Listed Above
a. **03**
b.
c.
d.

15. Special Handling Instructions and Additional Information
Wear gloves, goggles and other protective equipment when handling this material.

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: **JAMES W. TODD** Signature: *J. W. Todd* Month Day Year: **10/11/91**

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: **Dwight Nobles** Signature: *Dwight Nobles* Month Day Year: **10/12/91**

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year: **11/11/91**

19. Discrepancy Indication Space
Generator (Mark Althen) confirmed that quantity should be 36480 P as revised, when contacted 1/30/90 @ 1315 hrs. by Calypso/CSX

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: **CHRIS KRIER** Signature: *Chris Krier* Month Day Year: **10/12/91**

88223571 IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-952-7550

GENERATOR

TRANSPORTER

FACILITY

114700



RCRA

P.O. Box 787 • Buttonwillow, CA 93208 • (805) 762-7872

LOAD #

WMU # ZE LOCATION 14-D-6

NON HAZARDOUS

DATE 01-24-90

4:47PM 1-24-90 26360 16 GR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

05:15 PM	JAN	24, 90
05:15 PM	JAN	24, 90
05:16 PM	JAN	24, 90
05:16 PM	JAN	24, 90

34000 LB KEYPED
42360 LB NET

88223572 42360 21.18 100 Per Ton 2118.00
 MANIFEST NO QUANTITY bbls. Abs. RATE

TRUCKING CO. G.S. SERVICES WASTE HAULER REGISTRATION NO. _____
 GENERATOR PEUSKE TRUCK WASHING COMPANY OAKLAND, CA LOCATION

GSX SERVICES, INC.
 Weighmaster by [Signature]
 Deputy _____
 Truck # 197
 Truck Lic. No. P.P.119213
 Trailer Lic. No. PT90720

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE.

FOR WASHOUT: DRIVER'S INITIALS _____ DRIVER'S SIGNATURE [Signature]

DESCRIPTION: SOLID X SLUDGE _____ LIQUID _____ STATE ID # 601 EPA ID # _____

ON-SITE ID: ANALYST D.BIAS WASTE ID # D-368

RESULT	YES	NO	TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO	COLOR
pH (3)	<u>X</u>		HCVP(22)	<u>60 PPM</u>	<u>X</u>		Abap(28)	<u>RAGS - CAL</u>	<u>N/A</u>		<u>BROWN</u>
V% (1)	<u>X</u>		SUBA	<u>POS NEG</u>	<u>X</u>		So.Gr (2)	<u>1.96</u>			<u>8% SOLIDS</u>
FL(21)	<u>NO</u>	<u>X</u>	Oil (A)	<u>POS NEG</u>	<u>X</u>		Flesh	<u>-</u>			<u>4% WATER</u>

COMMENTS: _____

SAMPLING PROCEDURE
 By B. BIAIS
 Coliwassa _____
 Thiel _____
 Grab: Top _____ Bottom _____
 Scoop X
 Waste Pile Sampler _____
 *D = Driver

I CERTIFY THE THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWCCB ORDER NUMBER 89-150.

SIGNATURE OF TSDF OPERATOR [Signature]

I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN.

SIGNATURE X [Signature]

D368
211.80
2329.80

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No. **AD98166196090000**

2. Page 1 of 1

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

3. Generator's Name and Mailing Address
**Penske Truck Leasing Co., Attn: Marc Althen
PO Box 563, Reading, PA 19603**

A. State Manifest Document Number
88223572
B. State Generator's ID
HAHQ36-027661
C. State Transporter's ID
001220
D. Transporter's Phone
415-372-4800
E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID
CA098016752761
H. Facility's Phone
805-762-7341

4. Generator's Phone (215) 775-6000
5. Transporter 1 Company Name
GSX SERVICES
6. US EPA ID Number
CA089864505
7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
**GSX Services
2500 Lokern Rd.
Buttonwillow, CA 93206**
10. US EPA ID Number
CA098016752761

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)
a. **California Regulated Waste Only,
Soil Contaminated with Diesel**
b.
c.
d.
12. Containers
No. Type
101 D T
13. Total Quantity
42360 P
14. Unit
WT/VOL
15. Waste No.
**State 611
EPA/Other none
State
EPA/Other
State
EPA/Other**

J. Additional Descriptions for Materials Listed Above
**Soil 99-100% profile # D 368
Diesel 1-0% Phy Address: 725 Julie Ann Way
Oakland, CA**
K. Handling Codes for Wastes Listed Above
a. **03**
b.
c.
d.
15. Special Handling Instructions and Additional Information
Wear gloves, goggles and other protective equipment when handling this material.

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: **JAMES W. TODD**
Signature: *[Signature]*
Month Day Year: **10/12/90**

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: **ROY L. OLSON**
Signature: *[Signature]*
Month Day Year: **12/12/90**

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year:
19. Discrepancy Indication Space Generator (Marc Althen) contacted 1/30/90 @ 1315 hrs. Confirmed that quantity was estimated. Actual quantity was 42360 P as revised.
[Signature] / GSX

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: **BRIAN HAWLEY**
Signature: *[Signature]*
Month Day Year: **10/12/90**

19. Discrepancy Indication Space Generator (Marc Althen) contacted 1/30/90 @ 1315 hrs. Confirmed that quantity was estimated. Actual quantity was 42360 P as revised.
[Signature] / GSX

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name: **BRIAN HAWLEY**
Signature: *[Signature]*
Month Day Year: **10/12/90**

Printed/Typed Name: **BRIAN HAWLEY**
Signature: *[Signature]*
Month Day Year: **10/12/90**

88223572
IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8902; WITHIN CALIFORNIA CALL 1-800-852-7550
GENERATOR
TRANSPORTER
FACILITY



175100

RCRA

P.O. Box 787 • Buttonwillow, CA 93208 • (805) 762-7372

LOAD #

HAZARDOUS (Non-RCRA)

WMU # 28 LOCATION 159/6

NON HAZARDOUS

DATE 1-26-90

2:35PM 1-26-90 03300 LB GR

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture

03:03 PM JAN 26, 90
03300 LB KEYS
03:03 PM JAN 26, 90
29588 LB TARE
03:03 PM JAN 26, 90
53720 LB NET

26.86

89767620

53720

bbbs / lbs

RATE

2686.00

TRUCKING CO. Dillard Trking WASTE HAULER REGISTRATION NO. _____

GSX SERVICES, INC.

GENERATOR Penske Trucking COMPANY OAKLAND LOCATION

Weighmaster by [Signature] Deputy

I CERTIFY THAT THE DESCRIBED WASTE WAS HAULED BY ME TO THE DISPOSAL FACILITY NAMED ABOVE.

Truck # 8

FOR WASHOUT: DRIVER'S INITIALS _____ DRIVER'S SIGNATURE [Signature]

Truck Lic No. 1P34339

DESCRIPTION: SOLID SLUDGE _____ LIQUID _____

STATE ID # 611 EPA ID # _____

Trailer Lic. No. new

ON-SITE ID: ANALYST D. Bias

WASTE ID # D-368

Trailer Lic. No. _____

RESULT	YES	NO	TEST #	RESULT	YES	NO	TEST #	RESULT	YES	NO	COLOR
pH (3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	HCYR(22)	60 PPM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Abap(24)	PASS - FAIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Brown</u>
Vib (1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	SMBAL	POS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sp Gr (2)	<u>2.11</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	% SOLIDS**
F.L (21)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cyrb (A)	POS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flash	<u>N/A</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	% OIL**

89767620

4/12

5368

COMMENTS:

SAMPLING PROCEDURE

By C Smith
Cohwassa _____
Thiel _____
Grab Top _____ Bottom _____
Scoop
Waste Pile Sampler _____
*D = Driver

I CERTIFY THE THE HAULER ABOVE DELIVERED THE DESCRIBED WASTE TO THIS DISPOSAL FACILITY AND IT WAS ACCEPTABLE MATERIAL UNDER TERMS OF RWOCB ORDER NUMBER 89-150.

SIGNATURE OF TSDF OPERATOR [Signature]

I CERTIFY THAT THE ABOVE DESCRIBED WASTE WAS PROPERLY PLACED INTO THE DESIGNATED WASTE MANAGEMENT UNIT UNDER MY SUPERVISION AND REQUIRED PERSONAL PROTECTIVE EQUIPMENT WAS WORN.

SIGNATURE [Signature]

2686.00

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CA 098116611960910011**

2. Page 1 of 1
 Manifest Document # **89767620**
 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
PENSKE TRUCK LEASING, CO
P.O. Box 563, Reading, PA 19603
 ATT: **MARC AITHER**

A. State Manifest Document Number
89767620
 B. State Generator's ID
HAHQ361-927661

4. Generator's Phone **(215) 775-6000**

C. State Transporter's ID **013598**
 D. Transporter's Phone **415-634-0528**

5. Transporter 1 Company Name
Dillard Trucking

E. State Transporter's ID
 F. Transporter's Phone

6. Transporter 1 US EPA ID Number
CA 098116619281019

G. State Facility's ID
CA 09810161752761
 H. Facility's Phone
(805) 762-7372

7. Transporter 2 Company Name

I. State Facility's ID

9. Designated Facility Name and Site Address
GSX Services, Inc
Petroleum Waste, Inc
Loken Rd.
Biltdon, CA 93206
 I. US EPA ID Number
CA 0980675276

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	L Waste No.
a. California Regulated waste only Soil Contaminated with Diesel	001	DRUM	53720	P	State 611 EPA/Other none
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
Wear gloves, goggles and other protective equip.

K. Handling Codes for Wastes Listed Above
 a. **03**
 b.
 c.
 d.

15. Special Handling Instructions and Additional Information
Soil 99-100% profile # D368
Diesel 1-0% - Physical Address: 725 Julie Ann way
Oakland, CA

10. **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 **JAMES W. TODD** Signature *James W. Todd* Month Day Year **09/12/90**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **Jim Payne** Signature *Jim Payne* Month Day Year **09/12/90**

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month Day Year _____

19. Discrepancy Indication Space Generator (mark Aitthen) contacted 1/30/90 @ 1315 hrs. Confirmed quantity to be estimate. Actual quantity was **53720 P** as revised.
Steve Calvey/GSX

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
 Printed/Typed Name **CHRIS KRIER** Signature *Chris Krier* Month Day Year **09/12/90**

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

ATTACHMENT 2

**SITE HEALTH AND SAFETY PLAN
HYDROCARBON INVESTIGATION
PENSKE TRUCK LEASING COMPANY
725 JULIE ANN WAY
OAKLAND, CALIFORNIA**

ATTACHMENT 2

SITE HEALTH AND SAFETY PLAN
HYDROCARBON INVESTIGATION
PENSKE TRUCK LEASING COMPANY
725 JULIE ANN WAY
OAKLAND, CALIFORNIA

INTRODUCTION

This site-specific Health and Safety Plan (HSP) has been prepared for Penske Truck Leasing Company (Penske), by Geraghty & Miller, Inc. (G&M). This HSP applies specifically to the hydrocarbon investigation at the Penske facility located at 725 Julie Ann Way in Oakland.

The Scope of Work involves the drilling of soil borings and installation of monitor wells to a depth of approximately 50 feet below land surface to evaluate the presence or absence of hydrocarbons in the underlying soils and ground water. Based on data supplied to G&M by Penske, there is a high likelihood of drilling through hydrocarbons, particularly at locations adjacent to the former underground storage tanks.

HAZARD EVALUATION

The drilling and well installation activities are designed to better define the extent of petroleum hydrocarbons in the soils and ground water in the area. A variety of organic constituents may be detected in the subsurface. Benzene, toluene, ethylbenzene, xylene, and other related additives used in gasoline may be found when exploratory soil borings are drilled.

Respiratory hazards related to the above-listed chemicals might arise if vapors and gases are released into the breathing zone during drilling and/or monitoring. Respiratory hazards are unlikely; previous air monitoring experience indicates that dilution occurs in the immediate vicinity of the boreholes, and thus it is not anticipated that there will be any exposure in excess of 5 ppm of organic compounds (vapors) in the breathing zone. If vapors in excess of 5 ppm are observed 2 feet above the open borehole for any prolonged period of time (5 minutes or more), the site Health and Safety officer will require all personnel to move away from the borehole until the breathing zone is deemed safe, or until all personnel are properly protected. In order to confirm airborne levels of organic vapors, a direct-reading air monitoring device (Gas Tech Model 1314) will be utilized.

Dermal hazards could arise if product (gasoline liquid or vapor) observed in the borehole or well comes into contact with a person's hand or body (skin) during the field investigation. A low hazard level exists where there is no contact, and when proper dermal protection is worn. The use of protective clothing and chemical resistant gloves is required if gasoline is present or chemicals are observed on the soils.

The working conditions at the site could involve (but may not be limited to) the following potential physical hazards: heat stress, moving or falling objects, and vehicular traffic. Heat stress hazards are associated with exposure to high ambient temperatures, wearing of protective clothing, a heavy physical work load, and/or a combination of the above. Daily environmental conditions (temperature, humidity, wind conditions, etc.) must be

considered when evaluating this hazard. To reduce the risk of heat stress, the G&M Health & Safety officer may direct personnel to take any of the following steps: drink plenty of fluids (water, juice, or soft drinks), reduce the level of exertion by workers, and take more frequent and longer rest periods.

Moving or falling objects are hazards present around a working drill rig. Only essential personnel and no bystanders will be permitted near the drill rig itself. Hard hats, steel-toed boots, and safety glasses will be worn at all times. All personnel will be instructed how and when to use the drill rig's kill switch(es).

Personnel drilling in an open area along the driveways or roadways should be watchful for traffic and will be required to wear reflective, bright colored vests as directed by the site Health and Safety Officer. The area around the immediate vicinity of the drilling rig will be cordoned off with traffic cones or barricades to minimize traffic and on-lookers.

Absolutely no smoking is allowed in any areas on the facility. If product is found beneath the site, all borings/wells will be properly secured to prevent any accidental ignition of product.

A telephone is not available at the facility for personnel to keep in contact with the Project Health and Safety Officer. In the event of an emergency, therefore, personnel should request to use the telephone at Rock Transport Inc., adjacent to the Penske facility.

LEVELS OF PROTECTION

Level D protection is required during field activities as specified by the G&M site Health and Safety Officer or designated representative. It may become necessary during the course of the work to upgrade the level of protection to Level C in the immediate work area. Changes in the level of protection will be determined by the G&M site Health and Safety Officer.

Protective equipment for Level C and Level D includes:

Level D - Mandatory

- Steel-toe boots
- Approved hard hat
- Approved safety glasses with side shields, splash shield, or chemical splash goggles
- Long-sleeved work shirt
- Long pants

Level D - at discretion of G&M site Health & Safety Officer

- Tyvek coveralls
- Plastic-coated Tyvek

Level C

- All required Level D protective equipment
- Air-purifying cartridge-equipped respirator (half- or full-face respirators)

GENERAL SAFETY RULES

- Smoking, eating, and drinking are prohibited.
- Project personnel who participate in field sampling activities should thoroughly wash hands and faces with mild soap and water before eating or drinking.

EMERGENCY RESPONSE

In the event of fire, explosion, injury, or other accident, contact an appropriate site emergency response group. Site emergency telephone numbers are below:

- Paramedics 911
- Fire Department 911
- Poison Control Center (800) 523-2222
- Geraghty & Miller, Inc. (415) 233-3200

The nearest hospital is the French Hospital, located 2 blocks south of the site, on 5th Avenue at Geary Blvd.

ATTACHMENT 3

**EXPLORATORY DRILLING, SOIL SAMPLING, AND GROUND-WATER
SAMPLING PROCEDURES**

ATTACHMENT 3

EXPLORATORY DRILLING, SOIL SAMPLING, AND GROUND-WATER SAMPLING PROCEDURES

Exploratory Drilling and Soil Sampling Procedures

The exploratory borings will be drilled using 8-inch diameter hollow-stem auger drilling equipment. All drilling and soil sampling equipment which will enter the borehole will be steam cleaned prior to drilling each boring. Soil samples will be collected at approximately five-foot depth intervals using a modified California split-spoon sampler equipped with brass liners, which is advanced into the undisturbed soil beyond the tip of the augers. The soil samples will be logged by a Geraghty & Miller geologist.

During drilling, a combustible gas detector (Gas Tech Model 1314) will be used to screen soil samples for the presence of combustible vapors. The detector will be calibrated to hexane. A sample of the soil from each sampling interval will be placed into a glass jar and sealed with aluminum foil. After any volatile vapors which may be present in the soil sample are allowed time to equilibrate with the headspace in the jar (approximately 10 minutes), a measurement of the concentration of combustible vapors in the headspace will be made by inserting the tip of the detector through the aluminum foil. The concentration of combustible vapors measured as hexane will be recorded.

Upon completion, exploratory borings which are not converted into ground-water monitoring wells will be backfilled with a cement/bentonite grout. All soil and water generated during the exploratory drilling activities will be containerized in 55-gallon drums and stored on-site for proper disposal by Penske. Following receipt of all laboratory analytical data, Geraghty & Miller will supply recommendations for proper disposal, if so requested by Penske.

Soil samples for laboratory analysis will be retained in the brass liners, sealed with non-adhesive Teflon tape and plastic end caps, stored in plastic zip-lock bags, placed on ice and transported to a state-certified laboratory along with chain-of-custody documentation.

Ground-Water Sampling Procedures

Prior to purging, depth to water and total depth measurements will be obtained, and each well will be checked for the presence of phase separated hydrocarbons, using an acrylic bailer. A ground-water sample will be collected from each well which does not contain floating product. A minimum of four casing volumes of water will be purged from each well, using a low-discharge submersible pump, so that a ground-water sample representative of the formation is obtained. Purged water will be monitored for temperature, pH, and specific conductance. All equipment which enters the well will be washed in a solution of tri-sodium phosphate and triple rinsed in deionized water.

Ground-water samples for laboratory analysis will be collected with a Teflon™ bailer and transported in appropriate USEPA approved containers on ice to a state-certified laboratory

along with appropriate chain-of-custody documentation. All water generated during the ground-water sampling activities will be containerized in 55-gallon drums and stored on-site for proper disposal by Penske. Following receipt of all laboratory analytical data, Geraghty & Miller will supply recommendations for proper disposal, if so requested by Penske.