APPENDIX E

REGULATORY RECORDS

LDEQ, OCTOBER 19, 1993
LETTER TO KATHY NICHOLS, TIME SAVER STORES, INC.
RE: TERMINATION OF REMEDIATION APPROVAL, TIME SAVER #93

State of Louisiana

Department of Environmental Quality

Edwin W. Edwards
Governor

Kai David Midboe
Secretary

October 19, 1993

Ms. Kathy Nichols
Time Saver Stores, Inc.
5243 Canal Boulevard
New Orleans, Louisiana 70124

RE: Termination of Remediation Approval
Time Saver #93
200 Live Oak
Metairie, Louisiana 70005
(Jefferson Parish)
Facility UST I.D. #26-009541
Spill Incident #UE-91-03-0228

Dear Ms. Nichols:

We acknowledge receipt and review of your March 26, 1993 Quarterly Groundwater Monitoring report as well as an October 13, 1993 letter requesting the assignment of closure (Termination of Passive Remediation at the above referenced location.

Based on our review of the appropriate quarterly analytical data submitted for this location, your request for site closure (Termination of Passive Remediation) is hereby granted.

Please notify the appropriate agency regarding plugging and abandoning the monitoring wells if such be the case.

Thank you for your assistance in this matter.

Sincerely,

Brenda B. Williams

Brenda B. Williams
Bayou Region Coordinator
Underground Storage Tank Division

BBW/stj

c: Bayou Regional Office

Patsy Deaville, Technical Services

LANIER & ASSOCIATES CONSULTING ENGINEERS, OCTOBER 18, 1991
13 POINT SUBSURFACE INVESTIGATION REPORT
TIME SAVER STORE #93, METAIRIE, LOUISIANA

13 POINT SUBSURFACE INVESTIGATION

TIME SAVER STORES, INC.

TIME SAVER STORE #93

METAIRIE, LOUISIANA

PREPARED FOR:

TIME SAVER STORES, INC.
5243 CANAL BLVD.
NEW ORLEANS, LA 70124

PREPARED BY:

LANIER & ASSOCIATES
CONSULTING ENGINEERS, INC.
4101 MAGAZINE ST.
NEW ORLEANS, LA 70115

OCTOBER 18, 1991

PROJECT NO.2870

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1.0 INTRODUCTION

Lanier & Associates Consulting Engineers, Inc. performed services relating to a subsurface contamination assessment at Time Saver Store #93 located at 200 Live Oak St. in Metairie, Louisiana. This project was conducted to assess the nature and extent of possible subsurface soil and groundwater petroleum contamination. Because the three underground storage tanks (USTs) at the site failed tightness tests (Appendix E) after a reported inventory loss, Time Saver Stores, Inc. received a request from the Louisiana Department of Environmental Quality - Underground Storage Tank Division to perform a thirteen point contamination assessment at the subject property (Appendix A).

Lanier & Associates was contracted by Time Saver Stores to design and implement the required state assessment. As Hydrodyne Environmental, Inc. has addressed initial emergency response to this incident (Appendix B), this assessment included identification of underground utility lines, collection of subsurface soil samples, installation of three groundwater monitoring wells, sampling of all subject property monitoring wells, chemical analysis of collected soil and groundwater samples, development of site specific hydrogeologic information, preparation of site location maps, and development of a recommendation for possible corrective action of identified subject property contamination and/or further investigation.

2.0 SUBJECT PROPERTY DESCRIPTION

The Time Saver Store #93 property is currently the location of a retail convenience store and petroleum fuel product outlet. The convenience store structure is located on the southwest corner of the property, and one service pump island is located near the eastern boundary of the property (Appendix C - Figure 1). One underground storage tank bay containing three gasoline storage tanks is located in front of the building near the northern boundary of the property. Surface cover over the physical property consists of concrete driveway and parking areas with small grass areas located east and north of the pump island and behind the store in the southern region of the property.

Underground utility lines located at the site include water lines stormwater drainage lines, a gas line, and sewer lines. These run along the northern and eastern boundary of the property. The water lines are made of plastic. Sewer and stormwater drainage lines are made of concrete, and gas lines are black iron piping.

3.0 BOREHOLE DRILLING, SAMPLING, & ANALYSIS

3.1 Borehole Drilling & Soil Sampling

Lanier & Associates personnel collected two subsurface soil samples from hand-augered boreholes at the property on September 24, 1991 (B-1), and on October 3, 1991 (B-2). The locations of these boreholes are shown on the figure 1 site map in Appendix C.

Borehole B-1 had a total depth of penetration of 3 feet below ground level. Groundwater in this borehole was encountered at two and one-half feet. Borehole B-2 was augered to a depth of 5.5 feet with groundwater encountered at 4 feet below ground level. The various soil types and any evidence of petroleum product contamination encountered within each borehole during drilling were noted and recorded within a field log book. No petroleum product odors were detected during drilling activities at either borehole location.

In addition to these boreholes, several borehole attempts were made in the pump island and tank bay vicinity. The immediate subsurface of this area seems to have a "concrete-like" shell bed. Upon completion of the borehole drilling, one soil sample was collected for chemical analysis from the bottom of each of the boreholes.

All hand-auger equipment was decontaminated between sampling locations using a method consisting of a detergent wash followed by a distilled water rinse. Upon completion of all sampling activities, each borehole was backfilled with dry bentonite pellets which were activated with water to effect a complete seal of the entire borehole column.

3.2 Chemical Analysis of Soil Samples

The soil samples collected at the property were immediately placed into clean glass containers after their collection and stored

within an ice-filled cooler to insure thermal preservation during transport to the analytical laboratory. The samples were delivered to Southern Petroleum Laboratories in St. Rose, Louisiana, where they underwent testing for contained concentrations of benzene, toluene, ethylbenzene, and xylene (BTEX).

The table below is a summary of the findings reported by the analytical laboratory for the submitted borehole samples. All of the test data reported by the laboratory for these samples are presented in detail within Appendix D of this report.

Table 1. Reported Soil BTEX Chemical Analysis Results (Units are in mg/kg)

Sample Number	Benzene	Toluene	Ethyl-Benzene	Xylene	Total BTEX
B-1	ND	0.0034	ND	0.0023	0.0057
B-2	0.1	0.0012	0.012	0.0720	0.1960

The "mg/kg" unit presented in the table is approximately equal to parts per million. The "ND" notation indicates the parameter was tested for but not detected.

4.0 MONITORING WELL INSTALLATION, SAMPLING, & ANALYSIS

4.1 Monitoring Well Installation & Sampling

Under the supervision of Lanier & Associates personnel, three (3) groundwater monitoring wells (MW-3, MW-4, and MW-5) were installed at the site on August 22, 1991. These wells are in addition to two recovery wells (RW-1 & RW-2) installed at the site on July 10,

1991, by Hydrodyne Environmental. As no free-phase product has been detected in RW-1 and RW-2 since their installation in July, they will be referred to as "monitoring wells" throughout the rest of this report. All five monitoring wells were installed by Soil Testing Engineers, Inc. Appendix C - Figure 1 shows the locations of the wells at the site.

Each monitoring well was installed into a borehole drilled down to approximately fifteen feet below ground level using a truck-mounted drill rig. Upon completion of drilling, a monitoring well consisting of four inch PVC riser pipe and 0.010 inch slot screen was constructed within each borehole. The slot screen section of each well was installed over a depth ranging from approximately seven to twelve feet below ground level (Appendix F). The annular space between the well pipe and borehole sidewall was filled with a clean sand filter pack around the well screen, a bentonite plug above the filter pack, and cement from the bentonite plug to the ground surface. Each of the monitoring wells was then completed at grade and finished with a flush-mounted protective metal casing equipped with an internal locking well cap.

During installation of MW-5 in the grassy area behind the store, an asphalt-like material was encountered in the 0 to 4 foot subsurface. This material was black in color and had what appeared to be a lightly viscous brown oil coating on its surface with a trace of hydrocarbon sheen. Due to the hard, brittle nature of the material, several boreholes were abandoned during

well installation in this area. This matter is discussed further in the conclusion section of this report.

The wells were developed with a small electric pump to remove fine grained particles from the well screens and adjacent sand filter pack. Twenty-four hours after development of the wells, stagnant groundwater from each well was purged until dry. Upon recharge, groundwater samples were collected for chemical analysis from the five monitoring wells using a teflon bailer. The bailer was decontaminated between monitoring well locations using a method consisting of a detergent wash, tap water rinse, methanol rinse, and a final distilled water rinse.

4.2 Chemical Analysis of Groundwater Samples

Five groundwater samples collected at the subject property were immediately placed into clean, zero head-space glass vials after their collection, and stored in an ice-filled cooler to insure thermal preservation of the samples during transport to the analytical laboratory. The samples were delivered to Southern Petroleum Laboratories in St. Rose, Louisiana where they were analyzed for contained concentrations of benzene, toluene, ethylbenzene, and xylene (BTEX).

The table presented below is a summary of the findings reported by the analytical laboratory for the submitted groundwater samples. All of the test data reported by the analytical laboratory for

these samples are presented in detail within Appendix D of this report.

Table 2. Reported Groundwater BTEX Chemical Analysis Results (Units are in mg/l)

Sample Number	Benzene	Toluene	Ethyl-Benzene	Xylene	Total BTEX
RW-1	0.0490	0.0035	0.0470	0.0370	0.1360
RW-2	2.6000	3.7000	10.0000	21.0000	37.3000
MW-3	0.0510	0.0020	0.0038	0.0037	0.0590
MW-4	0.0010	0.0039	0.0018	0.0040	0.0107
MW-5	0.0005	0.0012	0.0004	0.0019	0.0040

The "mg/l" unit presented in the table above is approximately equal to parts per million.

5.0 GROUNDWATER FLOW DIRECTION & PERMEABILITY DETERMINATION

During the course of groundwater sampling at the property and during subsequent site visits, Lanier personnel performed measurements within the five groundwater monitoring wells which were designed to determine the direction of groundwater flow across the property, and the permeability of the local groundwater bearing subsurface zone. Measurements made within the monitoring wells involved the determination of static groundwater levels using a fiber glass electric measuring tape with an audible alarm. The tape is accurate to 0.01 inches and was decontaminated between monitoring wells. Measured levels within the five monitoring wells were found to be as follows:

Table 3. Static Groundwater Depth Measurements

Date	Monitoring Well Location	Depth (Below Ground Level)
8/29/91	RW-1	1.45 Feet
	RW-2	1.75 Feet
	MW-3	2.70 Feet
	MW-4	3.92 Feet
	MW-5	3.08 Feet
9/25/91	RW-1	1.48 Feet
	RW-2	1.72 Feet
	MW-3	2.72 Feet
	MW-4	3.90 Feet
	MW-5	3.10 Feet
10/18/90	RW-1	1.46 Feet
	RW-2	1.72 Feet
	MW-3	2.74 Feet
	MW-4	3.88 Feet
	MW-5	3.12 Feet

The measured groundwater levels within the five monitoring wells indicated that the flow direction of groundwater across the subject property is somewhat variable, however, averaging of all the measurement data and graphical analysis of the averaged static water level data indicates that groundwater is generally flowing from west to east across the property (Figure 1-Appendix C). After completion of the static groundwater measurements, rising

head permeability tests were performed within Monitoring Wells MW-2 and MW-3. Accurate permeability data for Monitoring Well MW-1 could not be collected due to the fact that very rapid recharge was encountered within this well and thus a detailed recharge rate could not be measured. The rising head permeability tests were accomplished by withdrawing a portion of the groundwater contained within each monitoring well, followed by measurement of the recharging water level using a fiberglass tape at intervals of one minute for a total period of 20 minutes. This data was used to calculate rising head ratios which were then combined with physical well size information in a mathematical equation designed to determine the permeability of the saturated zone. The table presented below is a summary of the permeability values calculated for each saturation zone surrounding the two subject property monitoring wells tested.

Table 4. Calculated Monitoring Well Permeability Values

Monitoring Well Location	Calculated Zone Permeability
MW-2	1.63 x 10-5 cm/sec or 3.21 x 10-5 ft/min
MW-3	1.41 x 10-4 cm/sec or 2.78 x 10-4 ft/min

Using the above noted values, the approximate average saturated zone permeability for the entire subject property is calculated to

be approximately 1.55 x 10-4 ft/min which would translate into an average movement of approximately 0.05 feet per day or 18.25 feet per year based upon an actual groundwater flow velocity calculation for the subject property saturated zone.

6.0 DISCUSSION & CONCLUSIONS

Based upon the observations and chemical analysis results presented in this report, it is concluded that groundwater in the vicinity of RW-2 has moderate petroleum product contamination. Only trace to slight contamination exists in the vicinity of RW-1, MW-3, MW-4, and MW-5 and also in soil samples B-1 and B-2.

The existence of moderate contamination in the groundwater sample collected from RW-2 suggests that the source of the detected contamination was leakage of petroleum fuel product from one or more of the underground tanks located within the tank bay or from the underground product delivery pipelines. This conclusion is confirmed by the tank and line tests performed by Southern Tank Testers on July 3 and 15, 1991. Inventory records indicate some product loss (Appendix G). An initial reported inventory loss of 1200 gallons on July 3, 1991, has since been reconciled to be a loss of approximately 400 gallons. This 400 gallon inventory records loss is unexplained.

Based upon the findings and conclusions presented in this report, Lanier recommends further extensive sampling across the site with

particular emphasis on the grassy area in the rear of the store. If necessary, off-site soil sampling will also be done. Several samples will also be collected from this area for physical analysis of soils (i.e. permeability sieve and grain-size analysis). No conclusion can be drawn about this area at this time. Additional monitoring wells may also be necessary to fully understand the nature and extent of any potential contaminant plume(s) existing at the Time Saver Store #93 property.

The conclusions provided in this report are based solely upon the information and data presented in this document. This report has been prepared in accordance with generally accepted environmental consulting practices and no warranty, expressed or implied, is made as to the professional advice provided under the terms of the contract agreement for this project and included in this report.

Appendix A

Louisiana Dept. of Environmental Quality

13 Point Assessment Request Letter

July 11, 1991

Nick 1.44747

State of Louisiana

Department of Environmental Quality

BUDDY ROEMER
Governor

PAUL TEMPLET
Secretary

Rec 7/22/91

July 11, 1991

CERTIFIED MAIL P 065 595 775
RETURN RECEIPT REQUESTED

Kathy Nichols
Time Saver Stores, Inc
5213 Canal Blvd.
New Orleans, LA 70124

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 2

To ALAN	From FRANK M
Co.	Co. TIME SAVER
Dept.	Phone #
Fax #	Fax #

RE: Request for Assessment
Time Saver Store #93
200 Live Oak
Metairie, Louisiana
(Jefferson Parish)
Facility UST I.D. #26-009611
Incident # UE-91-3-0226

Dear Ms. Nichols:

This is to confirm receipt of your verbal report on July 3, 1991 and May 1991 contamination investigation regarding a leak from an underground storage tank at the above referenced facility. Thank you for bringing this matter to our attention.

Within twenty (20) days following release confirmation, you must submit a report in triplicate summarizing initial abatement steps taken to bring the situation under control. At a minimum, this report must address the steps taken to:

1. Remove initial threats to the environment.

2. Monitor and mitigate fire and safety hazards posed by vapors and/or free product that may have migrated into subsurface structures.

3. Remedy hazards posed by contaminated soils.

4. Survey all areas likely to have been contaminated as the release.

5. Determine the presence of free product and, if present, the extent and thickness of free product (vertically and horizontally).

6) Submit the name of the Response Action Contractor chosen, and an assessment plan with a cost estimate to perform the work.

Within sixty (60) days following DEQ approval of the plan, you must submit an investigation report in triplicate, detailing the extent of subsurface contamination resulting from this incident. At a minimum, the investigation report shall include the following:

1) Site diagram indicating all underground fixtures, piping, or other utility structures;

2) Specific designation as to location and material(s) of construction for all potable water supply lines at the site;

3) Delineation of the horizontal and vertical extent of the free-phased and dissolved hydrocarbons in soils and groundwater by soil exploration;

4) Installation of groundwater monitoring wells immediately outside of the confirmed zone of contamination, defining both up-gradient and down-gradient boundary conditions;

5) A determination of groundwater elevations, direction and velocity of flow from at least three (3) of the monitoring wells;

6) A diagram showing the location of all boreholes and/or wells existing at the site;

7) A diagram indicating potentiometric lines;

8) Results of laboratory analyses from all existing and new wells where free-phased product was not observed. The following methods shall be used for soil samples taken from borings and for dissolved constituents in groundwater:

Pollutant	DEQ Analysis Method	Analytical Procedure
Gasoline	BTEX TPH-Gasoline	Solid Waste 846-Method 8020 California Department of Health Services Method
Diesel	TPH-Diesel	California Department of Health Services Method
Used Oil	Total Phenol, Potable Oil and Grease Volatile Organic Hydrocarbons	Solid Waste 846-Method 9070 503 A Standard Methods Solid Waste 846-Method 8240

9) Driller's logs from all boreholes and wells installed. For wells this should include the well construction information;

10) Provide results of tank and line tightness tests and reconciled inventory records for the prior ninety (90) days;

11) The type of free-phased product recovery system used;

12) The disposition and quantity of all recovered free-phased product, contaminated groundwater and soil; and

13) If necessary a plan of additional investigation activities to determine off-site contamination must be included unless an alternate investigation plan is agreed upon by the Department.

In order for this work to qualify for reimbursement under the Louisiana Motor Fuels Underground Tank Trust, you must select a Contractor from the attached state approved Response Action contractors list to perform the above-referenced investigation or any corrective action that might be necessary. However, actions taken to abate an immediate hazard may be performed by a Response Action Contractor without obtaining cost estimates in advance. This may include, but not be limited to, free product recovery, vapor abatement, or the removal of highly saturated soils. The Underground Storage Tank Division, however, shall be notified concerning these activities and will take all possible steps to oversee such activities in an effort to avoid cost overruns.

If it appears that the investigation reports cannot be submitted within the requested sixty (60) days after approval of the assessment plan, please indicate in writing the reasons for the delay.

Following receipt of the reports, you will be contacted by Division personnel regarding the final disposition of this matter. If corrective action is indicated, you will be placed on a time schedule for submittal of a corrective action plan and for continued monitoring and reporting.

Thank you for your cooperation. If you have any questions, please call Brenda B. Williams at (501) 638-5319.

Sincerely,

Frank L. Dautriel /BBWms

Frank L. Dautriel
Enforcement Program Manager
Underground Storage Tank Division

FLD/BBW/stj

cc: Southeast Regional Office

Enclosures

Appendix B

Incident Letter Report

Hydrodyne Environmental, Inc.

HYDRODYNE
ENVIRONMENTAL, INC.
CONSULTANTS • DESIGNERS

August 1, 1991

Mr. Frank Dautriel
Enforcement Director
Underground Storage Tank Division
Louisiana Department of Environmental Quality
P.O. Box 44274
Baton Rouge, LA 70804

RE: Request For Assessment
Time Saver Store #93
200 Live Oak St.
Metairie, Louisiana
(Jefferson Parish)
Facility UST I.D. #26-009541
Incident # UE-91-3-0228

Dear Mr. Dautriel:

On behalf of Time Saver Stores, Inc., and in response to your request letter of July 11, 1991, Hydrodyne Environmental, Inc. is reporting on the above referenced incident.

On July 3, 1991, Mr. Frank Massara of Time Saver Stores called Hydrodyne about this incident. It seems that there was a possibility of leakage from an unleaded gasoline-containing UST in the store's tank bay. On July 2, the unleaded lines had been tested and passed. On July 3, however, the regular unleaded tank was tested using both the overfill and underfill methods and failed.

Mr. Massara had previously this day notified your office of this leakage possibility. During a site visit by Mr. Massara on July 3, no visible evidence of petroleum product was detected. Also on this day, fuel product within the tank was removed by a transport truck (Petron). The Jefferson Parish Fire Department was informed of the situation and a vapor investigation was performed. Ms. Kathy Nichols of Time Saver Stores visited the site on July 4 and, also, saw no evidence of contamination.

On July 8, Ms. Nichols and Richard Murphy of Hydrodyne met on site and made arrangements for the installation of two (2) recovery wells at the site, rather than the one (1) requested by Ms. Brenda Williams due to the extent of possible contamination.

This is the site of a previous unrelated subsurface contamination investigation that Hydrodyne performed for Time Saver in April and May of this year. Report copies were sent to your office on May 27.

1416 Carrollton Avenue • Metairie, Louisiana 70005 • (504) 835-6045 • Fax (504) 837-3314

Site visits by Hydrodyne on July 3, 4, and 5, were arranged to closely monitor the situation. No fuel vapors in area storm drains were detected.

One July 10, the Premium unleaded and the unleaded Plus systems were tightness tested using the overfilled method; both systems failed.

Also on July 10, the two recovery wells were installed; one immediately east and one immediately west of the tank bay (see attached site map). The wells were drilled under the supervision of Hydrodyne personnel to a depth of 15 feet. Static water level at the wells is 2 feet below ground level.

The wells were developed by hand-bailing on visits July 11, 12, and 13, and were inspected on these days and then once a day for the following sixteen days, July 14 - 31. Slight petroleum odors were detected in MW-1 on July 13, and then in MW-2 on July 15. There is, at this point, no free-phase product flowing into the wells and still only slight or mild petroleum odors detectable from the wells.

Time Saver Stores, Inc. will notify your office of their response action contractor for this incident as soon as they make their decision on this.

Hydrodyne will continue to closely monitor this incident and will assist Time Saver Stores in keeping your office informed of any changes in the situation. Please let us know if there is any additional information you need at this point or any further steps which should be taken.

Sincerely,

HYDRODYNE ENVIRONMENTAL, INC.

Alan Dyer
Assistant Project Manager

Attachment: Site Map

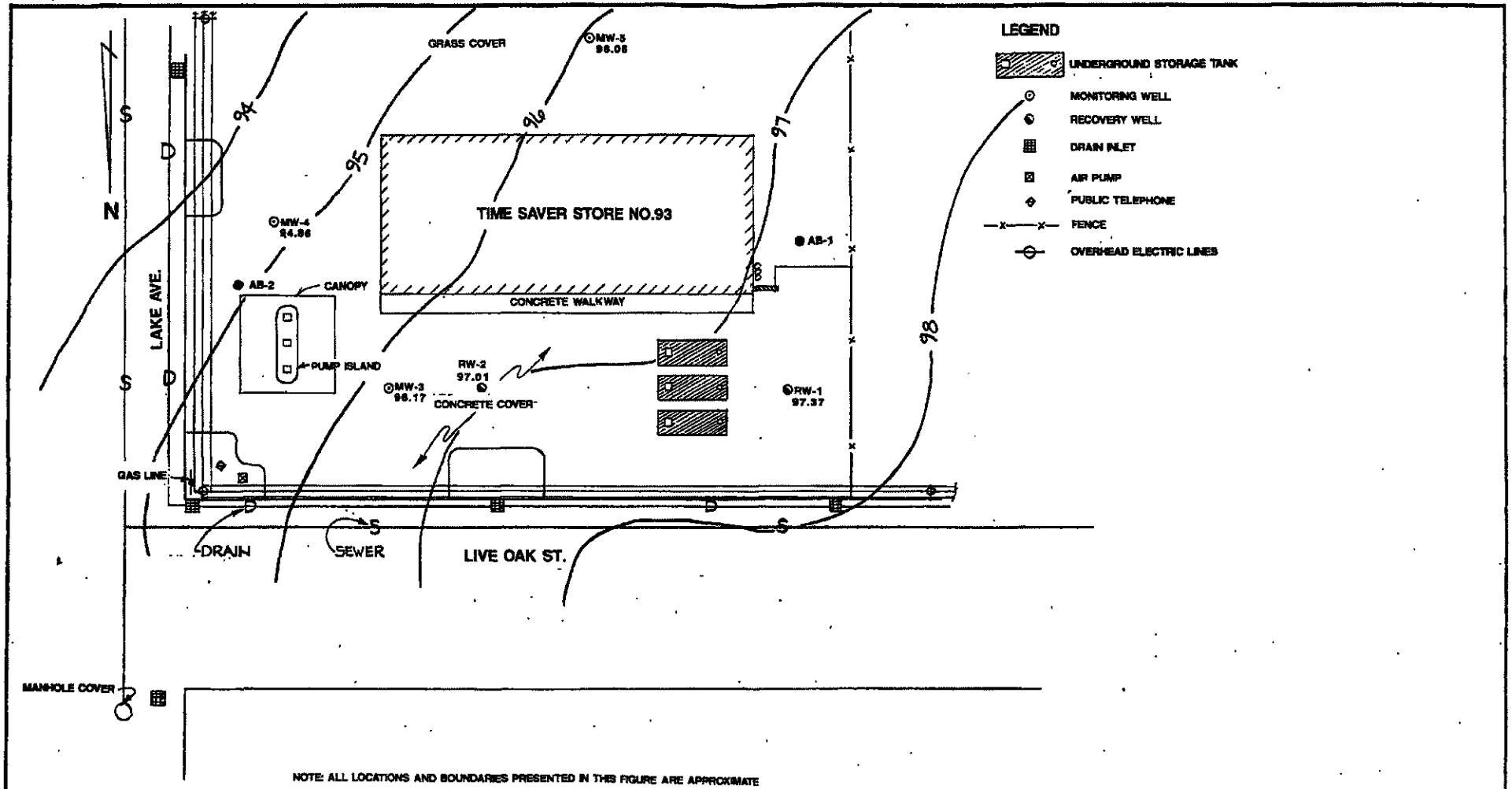
cc: Ms. Kathy Nichols
Time Saver Stores, Inc.

Mr. Frank Massara
Time Saver Stores, Inc.

Appendix C

Site Location and Potentiometric Map

AF 45711A



NOTE: ALL LOCATIONS AND BOUNDARIES PRESENTED IN THIS FIGURE ARE APPROXIMATE

LANIER & ASSOCIATES
CONSULTING ENGINEERS
INCORPORATED
NEW ORLEANS, LA MOBILE, AL NEDERLAND, TX

THIS PLAN HAS BEEN PREPARED UNDER MY CLOSE PERSONAL SUPERVISION TO THE BEST OF MY KNOWLEDGE IT COMPLIES WITH ALL REQUIREMENTS

DATE 9-17-91
SCALE N.T.S.
DESIGN A.D.
DRAWN M.J.C.
CHECK A.D.
APPVD R.M.
CONTRACT 2830
ISSUE --

TIME SAVER STORE NO.93
METAIRIE LOUISIANA

SITE LOCATION & SAMPLING MAP
200 LIVE OAK STREET

SHEET NO 1 OF

Appendix D

Reported Chemical Analysis Results

For Collected Soil & Groundwater Samples

ENVIRONMENTAL LABORATORIES

NEW ORLEANS AREA LABORATORY
1000 RIVERBEND BLVD, SUITE F
ST ROSE, LOUISIANA 70087
(504) 467-5503

Certificate of Analysis No. U0924404

TIME SAVER
5243 CANAL BLVD.
NEW ORLEANS, LA. 70124

ATTN: KATHY NICHOLS

10-02-91

Project No:	
Project:	TIME SAVER #93
Site:	200 LIVE OAK, METAIRIE
Sample No:	RW-1
Sample of:	WATER
Sampled by:	LANIER & ASSOCIATES
Sample Date:	9-23-91
Date Received:	9-24-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS	MDL*
Benzene	0.049 mg/l	0.0002 mg/l
Toluene	0.0035 mg/l	0.0002 mg/l
Ethylbenzene	0.047 mg/l	0.0002 mg/l
Xylenes	0.037 mg/l	0.0002 mg/l
Method-5030/8020 [SW846]		

BTEX ANALYZED BY : W. AUCOIN DATE/TIME: 10-1-91, 1:37 PM

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

I.R. DeLeon

ENVIRONMENTAL LABORATORIES

NEW ORLEANS AREA LABORATORY
1000 RIVERBEND BLVD., SUITE F
ST ROSE, LOUISIANA 70087
(504) 467-5503

Certificate of Analysis No. U0924405

TIME SAVER
5243 CANAL BLVD.
NEW ORLEANS, LA. 70124

ATTN: KATHY NICHOLS

10-02-91

Project No:	
Project:	TIME SAVER #93
Site:	200 LIVE OAK, METAIRIE
Sample No:	RW-2
Sample of:	WATER
Sampled by:	LANIER & ASSOCIATES
Sample Date:	9-23-91
Date Received:	9-24-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS	MDL*
Benzene	2.6 mg/l	0.0002 mg/l
Toluene	3.7 mg/l	0.0002 mg/l
Ethylbenzene	10 mg/l	0.0002 mg/l
Xylenes	21 mg/l	0.0002 mg/l

Method-602 [40 CFR Ch.1]

BTEX ANALYZED BY : R. PORCHE DATE/TIME: 9-25-91, 2:02 PM

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

I.R. DeLeon

6680 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

104 GUILBEAU ROAD
LAFAYETTE, LA 70506
(318) 984-2374

1000 RIVERBEND BLVD., STE F
ST. ROSE, LA 70087
(504) 467-5503

459 HUGHES DRIVE
TRAVERSE CITY, MI 49684
(616) 947-5777

106 NORTH MYRLE STREET
CARTHAGE, TX 75633
(214) 693-6342

ENVIRONMENTAL LABORATORIES

NEW ORLEANS AREA LABORATORY
1000 RIVERBEND BLVD., SUITE F
ST. ROSE, LOUISIANA 70087
(504) 467-5503

Certificate of Analysis No. U0925410

TIME SAVER
5243 CANAL BLV.
NEW ORLEANS, LA. 70124

ATTN: KATHY NICHOLS 10-02-91

Project No:	2870
Project:	TIME SAVER #93
Site:	200 LIVE OAK, METAIRIE
Sample No:	B-1
Sample of:	SOIL
Sampled by:	LANIER & ASSOCIATES
Sample Date:	9-24-91
Date Received:	9-25-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS	MDL*
Benzene	ND mg/kg	0.0002 mg/kg
Toluene	0.0034 mg/kg	0.0002 mg/kg
Ethylbenzene	ND mg/kg	0.0002 mg/kg
Xylenes	0.0023 mg/kg	0.0002 mg/kg

Method-5030/8020 [SW846]

BTEX ANALYZED BY : W. AUCOIN DATE/TIME: 9-29-91, 1:07 PM

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

I.R. DeLeon

ENVIRONMENTAL LABORATORIES

NEW ORLEANS AREA LABORATORY
1000 RIVERBEND BLVD., SUITE F
ST. ROSE, LOUISIANA 70087
(504) 467-5503

Certificate of Analysis No. U1003572

TIME SAVER STORES, INC.
5243 CANAL BLVD.
NEW ORLEANS, LA 70124

KATHY NICHOLS

10-08-91

Project:	STORE #93
Site:	200 LIVE OAK
Sample No:	B-2
Sample of:	SOIL
Sampled by:	A. DYER
Sample Date:	10-3-91
Date Received:	10-03-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		MDL*	
Benzene	.1	mg/kg	0.0002	mg/kg
Toluene	.012	mg/kg	0.0002	mg/kg
Ethylbenzene	.012	mg/kg	0.0002	mg/kg
Xylenes	.072	mg/kg	0.0002	mg/kg
Method-5030/8020 [SW846]				

BTEX ANALYZED BY : R. PORCHE DATE/TIME: 10-6-91

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

I.R. DeLeon

8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

104 GUILBEAU ROAD
LAFAYETTE, LA 70506
(318) 984-2374

1000 RIVERBEND BLVD., STE. F
ST. ROSE, LA 70087
(504) 467-5503

459 HUGHES DRIVE
TRAVERSE CITY, MI 49684
(616) 947-5777

106 NORTH MYRLE STREET
CARTHAGE, TX 75633
(214) 693-6242

ENVIRONMENTAL LABORATORIES

NEW ORLEANS AREA LABORATORY
1000 RIVERBEND BLVD., SUITE F
ST. ROSE, LOUISIANA 70087
(504) 467-5503

Certificate of Analysis No. U0905020

TIME SAVER
5243 CANAL BLVD.
NEW ORLEANS, LA 70124

KATHY NICHOLS 09-11-91

Project:	STORE #93
Site:	200 LIVE OAK,METAIRIE
Sample No:	MW-3
Sample of:	WATER
Sampled by:	A. DYER
Sample Date:	9-4-91
Date Received:	09-05-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS		MDL*	
Benzene	51	ug/l	0.2	ug/l
Toluene	2.0	ug/l	0.2	ug/l
Ethylbenzene	3.8	ug/l	0.2	ug/l
Xylenes	3.7	ug/l	0.2	ug/l

Method-5030/8020 [SW846]

BTEX ANALYZED BY : W. AUCOIN DATE/TIME: 9-9-91, 4:15 PM

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

I.R. DeLeon

ENVIRONMENTAL LABORATORIES

NEW ORLEANS AREA LABORATORY
1000 RIVERBEND BLVD., SUITE F
ST. ROSE, LOUISIANA 70087
(504) 467-5503

Certificate of Analysis No. U0905021

TIME SAVER
5243 CANAL BLVD.
NEW ORLEANS, LA 70124

KATHY NICHOLS

09-11-91

Project:	STORE #93
Site:	200 LIVE OAK,METAIRIE
Sample No:	MW-4
Sample of:	WATER
Sampled by:	A. DYER
Sample Date:	9-4-91
Date Received:	09-05-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS	MDL*
Benzene	1.0 ug/l	0.2 ug/l
Toluene	3.9 ug/l	0.2 ug/l
Ethylbenzene	1.8 ug/l	0.2 ug/l
Xylenes	4.0 ug/l	0.2 ug/l
Method-5030/8020 [SW846]		

BTEX ANALYZED BY : W. AUCOIN DATE/TIME: 9-9-91, 4:45 PM

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

I.R. DeLeon

8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

104 GUILBEAU ROAD
LAFAYETTE, LA 70508
(318) 984-2374

1000 RIVERBEND BLVD., STE. F
ST. ROSE, LA 70087
(504) 467-5503

459 HUGHES DRIVE
TRAVERSE CITY, MI 49684
(616) 947-5777

106 NORTH MYRLE STREET
CARTHAGE, TX 75633
(214) 693-6242

ENVIRONMENTAL LABORATORIES

NEW ORLEANS AREA LABORATORY
1000 RIVERBEND BLVD., SUITE F
ST. ROSE, LOUISIANA 70087
(504) 467-5503

Certificate of Analysis No. U0905022

TIME SAVER
5243 CANAL BLVD.
NEW ORLEANS, LA 70124

KATHY NICHOLS 09-11-91

Project:	STORE #93
Site:	200 LIVE OAK,METAIRIE
Sample No:	MW-5
Sample of:	WATER
Sampled by:	A. DYER
Sample Date:	9-4-91
Date Received:	09-05-91

A N A L Y T I C A L R E S U L T S

PARAMETER	RESULTS	MDL*
Benzene	0.5 ug/l	0.2 ug/l
Toluene	1.2 ug/l	0.2 ug/l
Ethylbenzene	0.4 ug/l	0.2 ug/l
Xylenes	1.9 ug/l	0.2 ug/l
Method-5030/8020 [SW846]		

BTEX ANALYZED BY : W. AUCOIN DATE/TIME: 9-9-91, 5:14 PM

Notes: * Method Detection Limit ND = Not Detected. NA = Not Analyzed.

QUALITY ASSURANCE: This analysis was performed in accordance with EPA guidelines for analysis and quality control.

SPL, Incorporated

I.R. DeLeon

ENVIRONMENTAL LABORATORIES

NEW ORLEANS AREA LABORATORY
1000 RIVERBEND BLVD., SUITE F
ST. ROSE, LOUISIANA 70087
(504) 467-5503

** SPL QUALITY CONTROL REPORT **
BETX MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

SPL Sample ID: U0906043
Matrix: WATER

Reported on: 09-10-91
Analyzed on: 09-09-91
Analyst: W. AUCOIN

This sample was randomly selected for use in the SPL quality control program. The results are as follows:

---- SPIKE ANALYSIS ----

Compound	Blank Value ug/l	Spike Added ug/l	Original Sample Concentration ug/l	MS Concentration ug/l	MS % Rec #	QC Limits Range
BENZENE	0.3	50	ND	59	118	39-150
TOLUENE	1.3	50	1	60	118	46-148
ETHYLBENZENE	0.3	50	ND	48	96	32-160
m+p-XYLENE	1.0	100	1	114	113	32-160
o-XYLENE	0.4	50	ND	60	120	32-160

---- SPIKE DUPLICATE ANALYSIS ----

Compound	Spike Added ug/l	MSD Concentration ug/l	MSD % Rec #	% RPD #	QC LIMITS RPD Limit	QC LIMITS Rec. Range
BENZENE	50	58	116	2	20	39-150
TOLUENE	50	58	114	3	20	46-148
ETHYLBENZENE	50	50	100	4	20	32-160
m+p-XYLENE	100	117	116	3	20	32-160
o-XYLENE	50	59	118	2	20	32-160

SPL, Incorporated

Trish Poirrier, QC Officer

8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

104 GUILBEAU ROAD
LAFAYETTE, LA 70506
(318) 984-2374

1000 RIVERBEND BLVD. STE F
ST ROSE, LA 70087
(504) 467-5503

459 HUGHES DRIVE
TRAVERSE CITY, MI 49684
(616) 947-5777

106 NORTH MYRLE STREET
CARTHAGE, TX 75633
(214) 693-6242

SPL ENVIRONMENTAL LABORATORIES, INC.
NEW ORLEANS LABORATORY
1000 Riverbend Blvd. • Suite F
St. Rose, LA 70087
(504) 467-5503

Analysis Request and Chain of Custody Record

Project No.	Company/Project Name	Project Location
	LANIER / TIME SAVER #93	200 LIVE OAK, MET.

Field Sample No / Identification	Date and Time	Grab	Comp	Sample Container (Size/Mat'l)	Sample Type (Liquid, Sludge, Etc.)	Preservative	ANALYSIS REQUESTED TEST	ANALYSIS REQUESTED METHOD	LABORATORY REMARKS
MW-3	9/4/91				WATER		BTEX	8020	
MW-4	9/4/91				WATER		BTEX	8020	
MW-5	9/4/91				WATER		BTEX	8020	

Samplers: (Signature)	Relinquished by: (Signature)	Date: 9-5-91 Time: 11:15	Received by: (Signature)	Date: 9-5-91 Time: 11:15	Intact
Affiliation:	Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time:	Intact
	Relinquished by: (Signature)	Date: Time:	Received by: (Signature)	Date: Time:	Intact

REPORT TO:

FAX ASAP

895-0566

Appendix E

Tank & Line Tightness Test Results

Southern Tank Testers

DEQ

CERTIFICATE OF PRECISION LEAK TEST

Certification # 44411-A

Southern Tank Testers has tested and certifies the following:

DATE: 07/03/91 CERTIFIED TESTER: Jamie Courville # LA0002

LOCATION: Time Saver #93 200 Live Oak St. Metairie, La.

LINES	PROD.	TANK TEST		
1. Tank #1	Unl.	.393	Failed	(Overfilled)
2. Tank #1	Unl.	.112	Failed	(Underfilled)
3.				
4.				
5.				
6.				

HORNER EZY-CHEK II
TANK TIGHTNESS TESTING

Southern Tank Testers

P O BOX 2577
PARKS, LA 70582

OR: (318) 845 4406

CERTIFIED TECHNICIAN

CERTIFICATE OF PRECISION LEAK TEST

Certification # 44413

Southern Tank Testers has tested and certifies the following:

DATE: 7/15/91 CERTIFIED TESTER: Jamie Courville # LA002

LOCATION: Time Saver #93 (200 Live Oak St. Metairie, La.)

LINES	PROD.	TANK TEST	
1. Tank #2	Sup.	.487	Failed (v)
2. Tank #3	Plus	.403	Failed (v)
3.			
4.			
5.			
6.			

HORNER EZY-CHEK II
TANK TIGHTNESS TESTING

Southern Tank Testers

P O BOX 2577
PARKS, LA 70582

OR: (318) 845 4406

CERTIFIED TECHNICIAN

CERTIFICATE OF PRECISION LEAK TEST

Certification # 44413L

Southern Tank Testers has tested and certifies the following:

DATE: 7/15/91 CERTIFIED TESTER: Jamie Courville # LA002

LOCATION: Time Saver #93 (200 Live Oak St. Metairie, La.)

LINES	PROD.	LINE TEST	
Line #1	Sup.	.003	Passed
Line #2	Plus	.000	Passed
Line #3			
Line #4			
Line #5			
Line #6			

HORNER EZY-CHEK II
LINE TIGHTNESS TESTING

CERTIFIED TECHNICIAN

Southern Tank Testers

P.O. Box 2527
Paris, LA 70562

Ofc: (318) 845-4406

Appendix F

Monitoring Well Boring Logs

and As-Built Diagrams

SOIL BORING FIELD LOG

Project: Monitor Wells
Time Saver #93

Client:

Boring No. NW-3

Sheet 1 of 1

File: 91-100
Date: 8-22-91
Tech.: C. Brown
Driller: L. George

FIELD DATA

BORING ADVANCE METHOD:
Auger: 0' - 6'
Wash: 6' - 16'

Rig: 200 Buggy
METHOD OF BACKFILLING: Monitor Well

GROUND WATER LEVELS	Depth (feet)	SAMPLING	STD. PENETRATION TEST (BLOWS/FOOT) or PENETROMETER (P) (TONS/SQ. FT.)	
▽				Gray Sand w/shell (6" Sand, 4" Shell) Gas Odor
▽				w/1" shell at top
	5			Gray Silty Clay w/organic traces
	10			w/3" peat layer and w/shell
	15			Gray Sandy Clay
				Bottom at 16'

SYMBOLS:

- STANDARD PENETRATION TEST (140 LB. HAMMER-30" FALL
- UNDISTURBED SAMPLE 3" DIA. SHELBY TUBE
- NO RECOVERY
- ▽ FREE WATER FIRST ENCOUNTERED
- ▽ WATER LEVEL AFTER 15 mins. at 1.5' (PRIOR TO WASH BORING)
- ▽ WATER LEVEL AFTER

Note: Visual Classifications Only

Strata Boundaries May Not Be Exact.

Compressive Strength From Unconfined Compression Test Unless Noted Otherwise.

SOIL TESTING ENGINEERS, INC.

STEI 4

SOIL BORING FIELD LOG

Project: Monitor Wells
Time Saver #93
Client:

Boring No. NW- 4
Sheet 1 of 1

File: 91-100
Date: 8-22-91
Tech.: C. Brown
Driller: L. George

FIELD DATA

GROUND WATER LEVELS	Depth (feet)	SAMPLING	STD. PENETRATION TEST (BLOWS/FOOT) or PENETROMETER (P) (TONS/SQ. FT)
	5		
	10		
	15		

BORING ADVANCE METHOD:
Auger:
Wash: 0' - 15'

Rig: 200 Buggy
METHOD OF BACKFILLING: Monitor Well

Gray Silty Clay

w/sand

Bottom at 15'

Note: No samples were taken as per client's request.
Classifications based on cuttings

SYMBOLS:

- STANDARD PENETRATION TEST 140 LB. HAMMER-30" FALL
- UNDISTURBED SAMPLE 3" DIA. SHELBY TUBE
- NO RECOVERY
- FREE WATER FIRST ENCOUNTERED
- WATER LEVEL AFTER (PRIOR TO WASH BORING)
- WATER LEVEL AFTER

Strata Boundaries May Not Be Exact.

Note: Visual Classifications Only

Compressive Strength From Unconfined Compression Test Unless Noted Otherwise.

SOIL TESTING ENGINEERS, INC.

STEI 4

SOIL BORING FIELD LOG

Project: Monitor Wells
Time Saver #93
Client:

Boring No. NW-5
Sheet 1 of 1

File: 91-100
Date: 8-22-91
Tech.: C. Brown
Driller: L. George

FIELD DATA

BORING ADVANCE METHOD:
Auger: 0' - 12'
Wash: 12' - 16'

Rig: 200 Buggy
METHOD OF BACKFILLING: Monitor Well

GROUND WATER LEVELS	Depth (feet)	SAMPLING — STD. PENETRATION TEST (BLOWS/FOOT) or PENETROMETER (P) (TONS/SQ. FT.)	
		Auger Sample	Tan Sand w/asphalt and peat
	5		Gray Clay w/peat & roots becoming tan becoming gray
▽	10		Gray Silty Clay
	15		Bottom at 16'

SYMBOLS:
- STANDARD PENETRATION TEST 140 LB. HAMMER-30" FALL
- UNDISTURBED SAMPLE 3" DIA. SHELBY TUBE
- NO RECOVERY
- ▽ FREE WATER FIRST ENCOUNTERED
- ▽ WATER LEVEL AFTER (PRIOR TO WASH BORING)
- ▼ WATER LEVEL AFTER

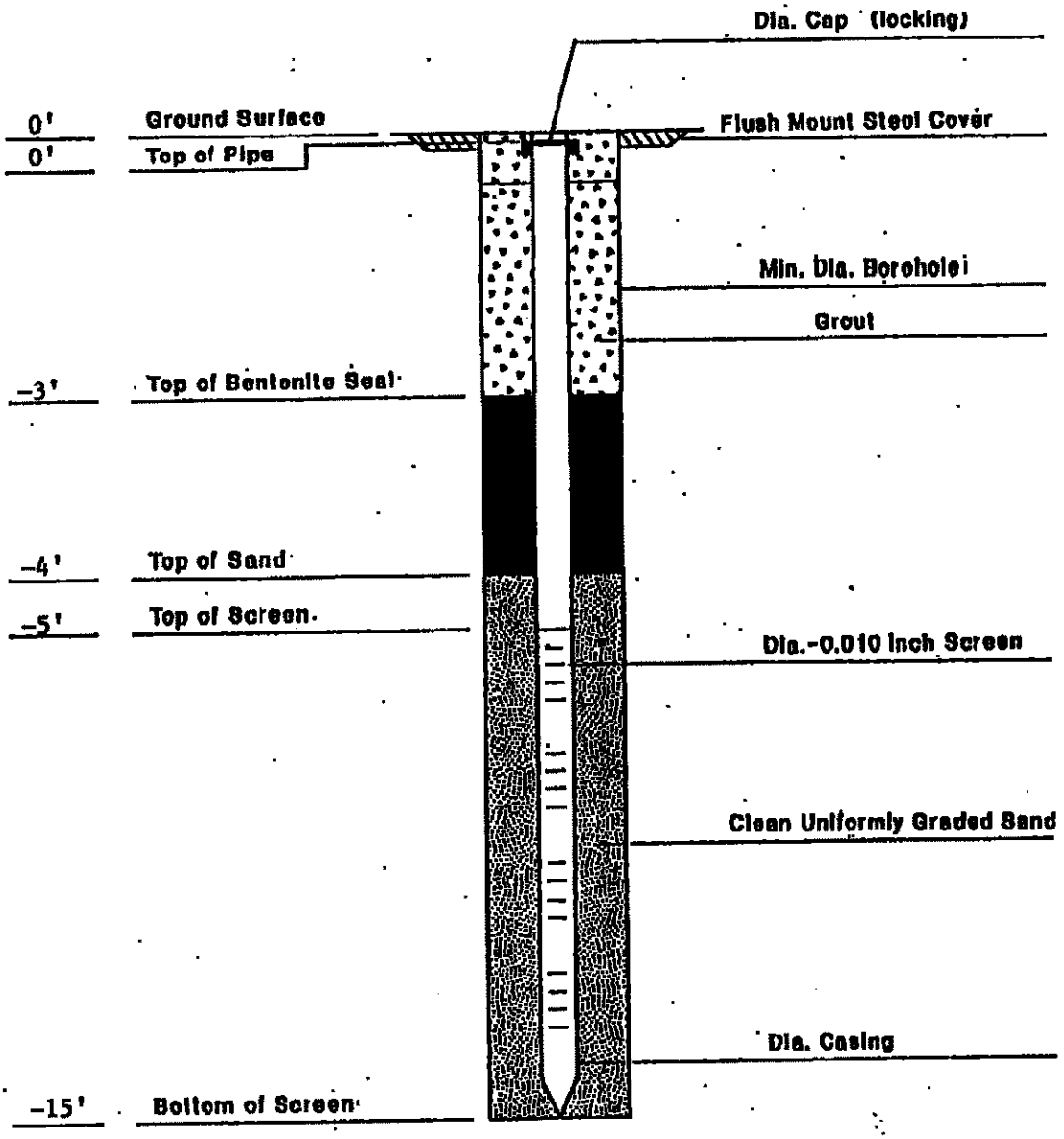
Strata Boundaries May Not Be Exact.

Note: Visual Classifications Only

Compressive Strength From Unconfined Compression Test Unless Noted Otherwise.

SOIL TESTING ENGINEERS, INC.

STEI 4

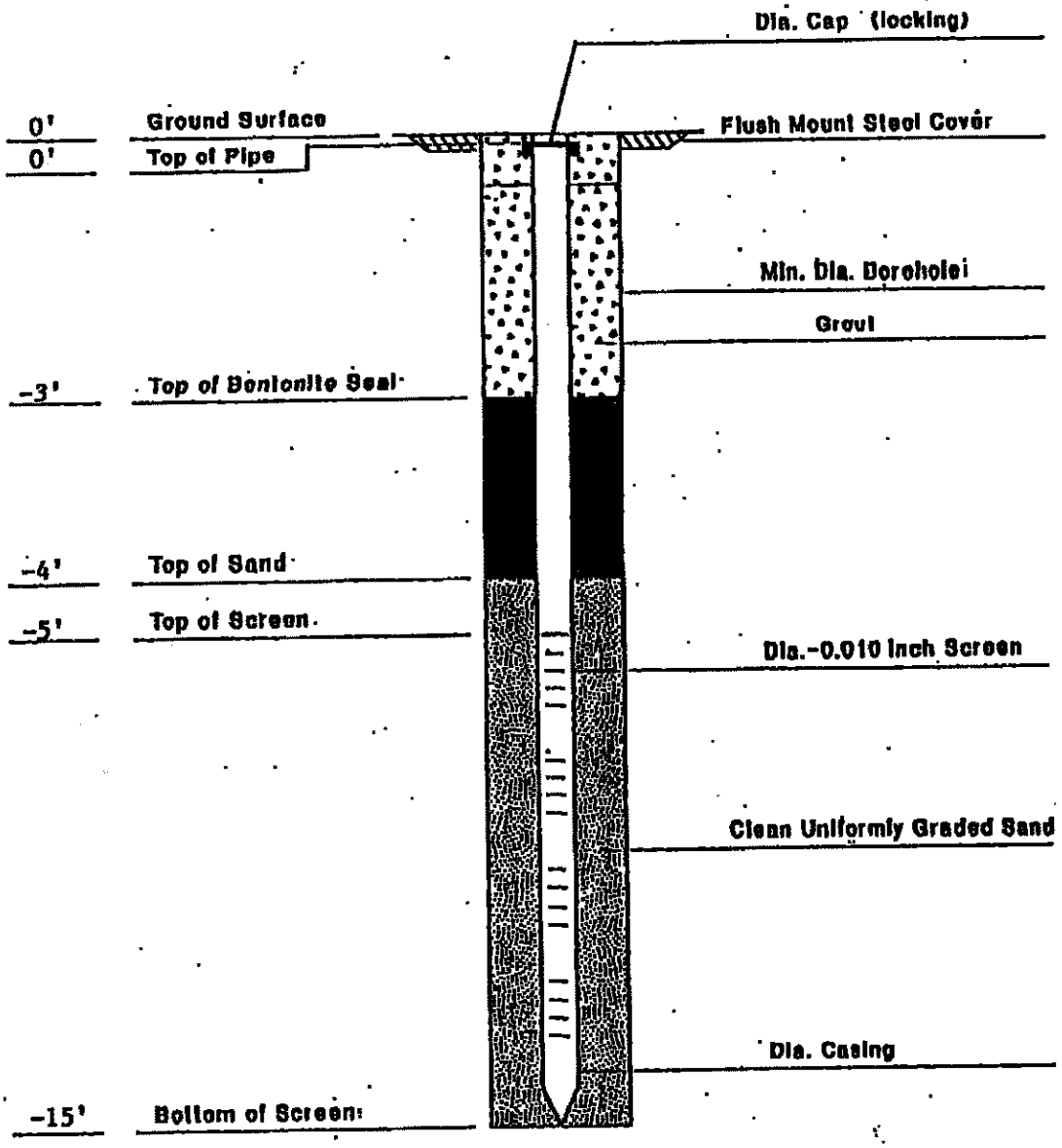


NOT TO SCALE

MONITORING WELL NO. NW-3

JOB NO. 91-100

SOIL TESTING ENGINEERS, INC.

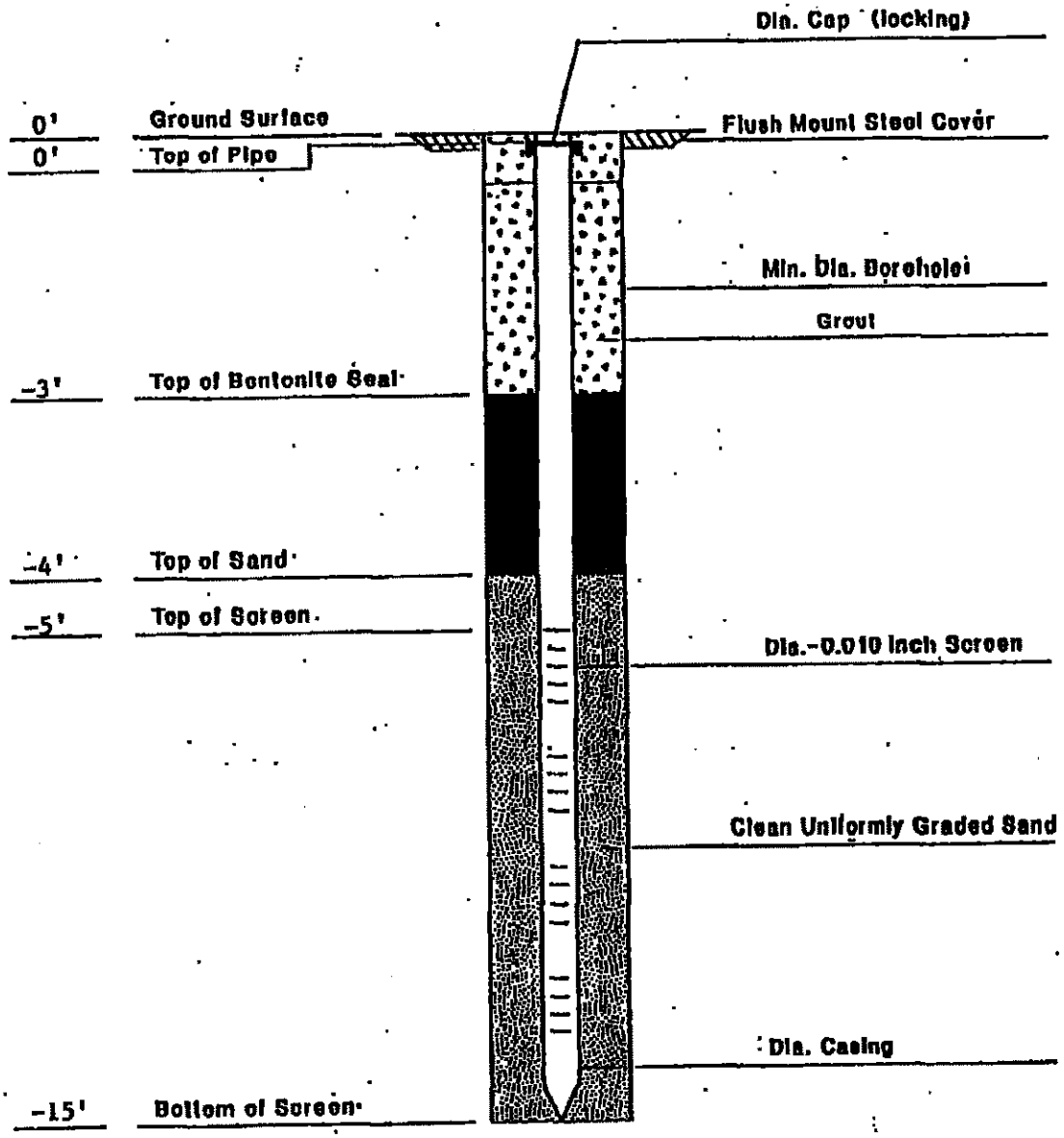


NOT TO SCALE

MONITORING WELL NO. NW- 4

JOB NO. 91-100

SOIL TESTING ENGINEERS, INC.



NOT TO SCALE

MONITORING WELL NO. NW-5

JOB NO. 91-100

SOIL TESTING ENGINEERS, INC.

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1. USE OF WELL (Check Appropriate Box)
   ☐ DOMESTIC ☐ RIG SUPPLY ☒ MONITORING ☐ HEAT PUMP SUPPLY
   ☐ HEAT PUMP HOLE ☐ ABANDONED PILOT HOLE ☐ OTHER _____ (Please Specify)
2. WELL OWNER Time Saver Stores, Inc. PHONE (504) 486-7221
3. ADDRESS 5243 Canal Blvd. New Orleans, LA 70124
4. OWNER'S WELL NUMBER OR NAME (if any) MW-3
5. DATE COMPLETED 8-22-91 DEPTH OF HOLE 16 FT., DEPTH OF WELL 15 FT.
6. STATIC WATER LEVEL 1.5 FT. BELOW GROUND SURFACE MEASURED ON 8-22-91 (Date)
7. CASING 4 IN. ☐ STEEL OR ☒ PVC SCH 40 LENGTH 5 FT
8. SCREEN 4 IN. ☐ STEEL OR ☒ PVC SCH. 40 SLOT SIZE .010 LENGTH 10 FT.
9. CEMENTED FROM 3 FT. TO GROUND SURFACE. USING ☐ PUMP-DOWN METHOD OR ☒ GRAVITY METHOD
10. LOCATION OF WELL: PARISH Jefferson WELL IS NEAR, Metairie, LA (Town or City)
    APPROXIMATELY 1/2 MILES FROM Pontchartrain Blvd. east of Live Oak (Crossroads, Railroad, Any Landmark, etc.)
    (corner of Live Oak & Lake St.)
    (Please draw sketch on back of Original)
11. REMARKS: See Attached Map
12. DRILLER'S LOG (Description and color of cuttings, such as shale, sand, etc, in feet)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	4	Gray Sand			
4	12	Gray Silty Clay			
12	16	Gray Sandy Clay			

13. FOR HEAT PUMP HOLES ONLY: AVG DEPTH _____ FT., NUMBER OF HOLES _____
    TUBING MATERIAL ☐ PVC. ☐ PE. ☐ PB. ☐ OTHER _____
14. ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL? YES ☐ NO ☒

(REV 11/85) OWNER'S COPY

Soil Testing Engineers, Inc.
Name of Water Well Contractor

LICENSE NUMBER WWC — 212

Authorized Signature 7-3-91 Date

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT
ATTN: CHIEF - WATER RESOURCES SECTION
P.O. BOX 94245
BATON ROUGE, LA 70804-9245
(504) 379-1434

FOR OFFICE USE ONLY

STATE 22 PARISH LOCAL WELL NO -

IDENTIFICATION NUMBER 300105090072 4

OWNER'S NAME

WELL DEPTH Ft. Use of Well

Date Completed MO YR

OWNER'S NO Geologic Unit

CONTRACTOR'S NAME

SECTION 123 TOWNSHIP 12S RANGE 11E

HOLE DEPTH ELEV 0004 QUAD NO 1901

Inspected By _____
Date _____
Remarks _____

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1. USE OF WELL (Check Appropriate Box)
   ☐ DOMESTIC ☐ RIG SUPPLY ☒ MONITORING ☐ HEAT PUMP SUPPLY
   ☐ HEAT PUMP HOLE ☐ ABANDONED PILOT HOLE ☐ OTHER _____ (Please Specify)
2. WELL OWNER Time Saver Stores, Inc. PHONE (504) 486-7221
3. ADDRESS 5243 Canal Blvd. New Orleans, LA 70124
4. OWNER'S WELL NUMBER OR NAME (if any) MW- 4
5. DATE COMPLETED 8-22-91 DEPTH OF HOLE 15 FT.. DEPTH OF WELL 15 FT.
6. STATIC WATER LEVEL * FT. BELOW GROUND SURFACE MEASURED ON _____ (Date)
7. CASING 4 IN ☐ STEEL OR ☒ PVC SCH. 40 LENGTH 5 FT
8. SCREEN 4 IN ☐ STEEL OR ☒ PVC SCH. 40 SLOT SIZE .010 LENGTH 10 FT
9. CEMENTED FROM 3 FT. TO GROUND SURFACE, USING ☐ PUMP DOWN METHOD OR ☐ GRAVITY METHOD
10. LOCATION OF WELL: PARISH Jefferson WELL IS NEAR, Metairie, LA (Town or City)
    APPROXIMATELY 1/2 MILES FROM Pontchartrain Blvd. east of Live Oak (Crossroads, Railroad, Any Landmark etc.)
    (corner of Live Oak & Lake St.) (Please draw sketch on back of Original)
11. REMARKS See Attached Map
    * Boring washed from ground surface see MW-3 for water elevation
12. DRILLER'S LOG (Description and color of cuttings, such as shale, sand, etc. in feet)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	15	Gray Silty Clay w/sand			

13. FOR HEAT PUMP HOLES ONLY: AVG DEPTH _____ FT., NUMBER OF HOLES _____
    TUBING MATERIAL ☐ PVC. ☐ PE. ☐ PB. ☐ OTHER _____
14. ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL? YES ☐ NO ☒

(REV. 11/85) OWNER'S COPY

Soil Testing Engineers, Inc.
Name of Water Well Contractor

LICENSE NUMBER WWC — 212

Authorized Signature 9-3-91 Date

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT
ATTN: CHIEF - WATER RESOURCES SECTION
P.O. BOX 94245
BATON ROUGE, LA 70804-9245
(504) 379-1434

FOR OFFICE USE ONLY

STATE 22 PARISH ___ LOCAL WELL NO —_____

IDENTIFICATION NUMBER 300105090072 4

OWNERS NAME

WELL DEPTH ____ Ft. Use of Well ____

Date Completed MO ____ YR ____

OWNER'S NO ____ Geologic Unit ____

CONTRACTOR'S NAME

SECTION 123 TOWNSHIP 12S RANGE 11E

HOLE DEPTH ____ ELEV 0004 QUAD NO 19D

Inspected By _____
Date _____
Remarks _____

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1. USE OF WELL (Check Appropriate Box)
   ☐ DOMESTIC ☐ RIG SUPPLY ☒ MONITORING ☐ HEAT PUMP SUPPLY
   ☐ HEAT PUMP HOLE ☐ ABANDONED PILOT HOLE ☐ OTHER _____ (Please Specify)
2. WELL OWNER Time Saver Stores, Inc. PHONE (504) 486-7221
3. ADDRESS 5243 Canal Blvd. New Orleans, LA 70124
4. OWNER'S WELL NUMBER OR NAME (if any) MW-5
5. DATE COMPLETED 8-22-91 DEPTH OF HOLE 16 FT.. DEPTH OF WELL 15 FT.
6. STATIC WATER LEVEL * FT BELOW GROUND SURFACE MEASURED ON _____ (Date)
7. CASING 4 IN ☐ STEEL OR ☒ PVC SCH. 40 LENGTH 5 FT.
8. SCREEN 4 IN ☐ STEEL OR ☒ PVC SCH 40 SLOT SIZE .010 LENGTH 10 FT.
9. CEMENTED FROM 3 FT. TO GROUND SURFACE, USING ☐ PUMP-DOWN METHOD OR ☐ GRAVITY METHOD
10. LOCATION OF WELL: PARISH Jefferson WELL IS NEAR, Metairie, LA (Town or City)
    APPROXIMATELY 1/2 MILES FROM Pontchartrain Blvd. east of Live Oak (Crossroads, Railroad, Any Landmark etc.)
    (corner of Live Oak & Lake Sr.) (Please draw sketch on back of Original)
11. REMARKS: See Attached Map
    * Water encountered at 12', static level not established, see MW-3
12. DRILLER'S LOG (Description and color of cuttings, such as shale, sand, etc, in feet)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	4	Tan Sand			
4	10	Gray Clay w/peat			
10	16	Gray Silty Clay			

13. FOR HEAT PUMP HOLES ONLY: AVG DEPTH _____ FT.. NUMBER OF HOLES _____
    TUBING MATERIAL ☐ PVC. ☐ PE. ☐ PB. ☐ OTHER _____
14. ABANDONMENT INFORMATION DOES THE NEW WELL REPLACE AN EXISTING WELL? YES ☐ NO ☒

(REV 11/85) OWNER'S COPY

Soil Testing Engineers, Inc.
Name of Water Well Contractor

LICENSE NUMBER WWC — 212

Authorized Signature 5-3-91 Date

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT
ATTN: CHIEF - WATER RESOURCES SECTION
P.O. BOX 94245
BATON ROUGE, LA 70804-9245
(504) 379-1434

FOR OFFICE USE ONLY

STATE 22 PARISH LOCAL WELL NO

IDENTIFICATION NUMBER 3001050900724

OWNERS NAME

WELL DEPTH FL. Use of Well

Date Completed MO YR

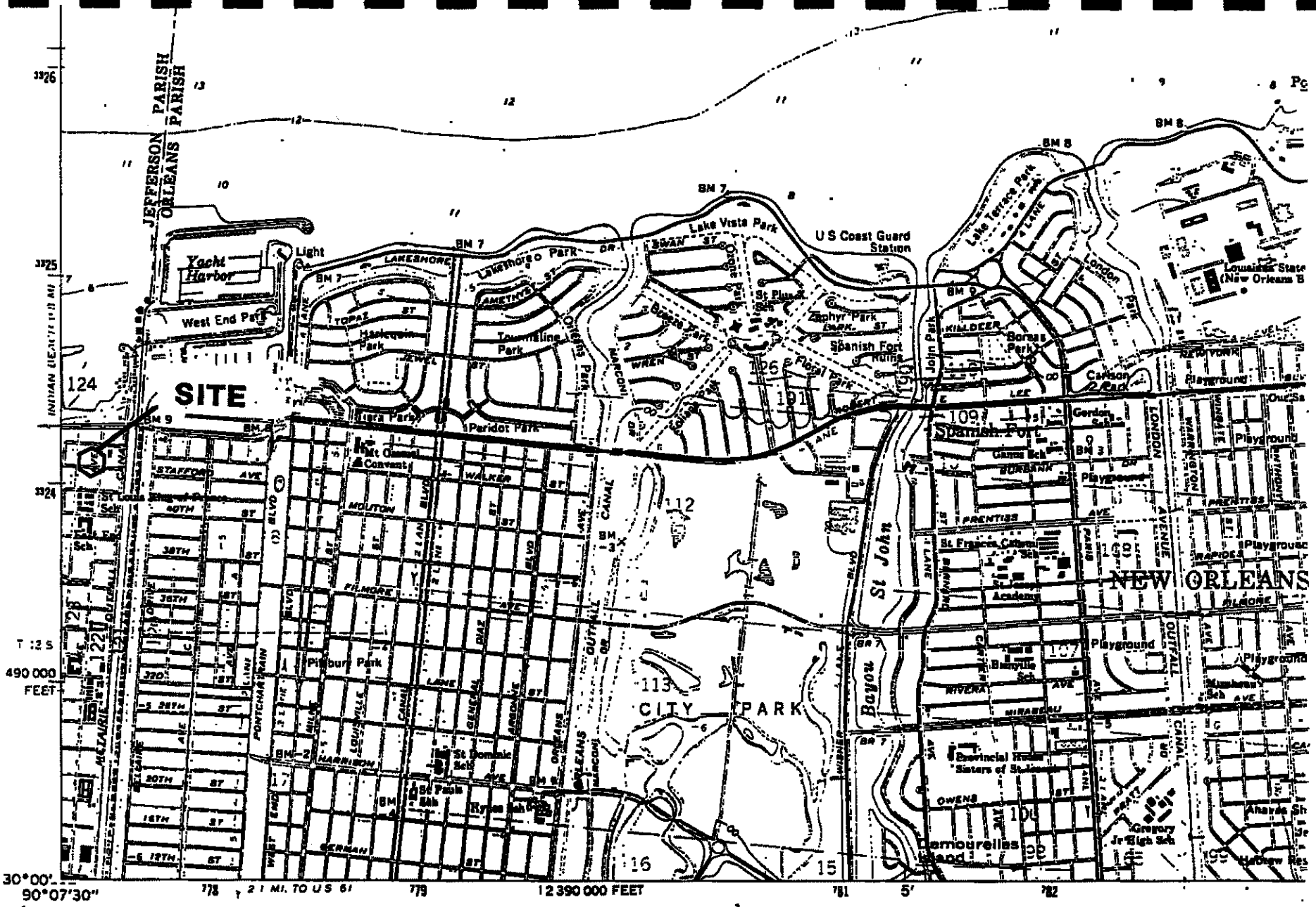
OWNER'S NO Geologic Unit

CONTRACTOR'S NAME

SECTION 123 TOWNSHIP 12S RANGE 11E

HOLE DEPTH ELEV 0004 QUAD NO 190D

Inspected By _____
Date _____
Remarks _____



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Planimetry by photogrammetric methods from aerial photographs taken 1964. Topography by planetable surveys 1965
Supersedes map dated 1951

Selected hydrographic data compiled from USC&GS Charts

NEW ORLEANS WEST 1943 / NW

MN
GN
1°28'
26 MILS
4°
7 MILS

USGS QUAD MAP

Spanish Fort, La.

1965

rev. 1972 1979

Appendix G

Underground Tank Inventory Records

EEK-NUMBER 13
UARTER NUMBER 2

TIME SAVER, INC.
WEEK ENDING DATE 07/01/90

RUN DATE 07/05/90
RUN TIME 13:58:34

ONE: 1 EASTBANK

STORE N	NUMBR	LOCATION ADDRESS	PROD CODE	CURRENT GALS	ONE WEEK AGO	TWO WEEKS AGO	THREE WEEKS AGO	FOUR WEEKS AGO	FIVE WEEKS AGO	QTD GALS	YEAR-TO-DATE CURRENT-YEAR GALS	CURRENT-YEAR PCT.	PRIOR-YEAR GALS	PRIOR-YEAR PCT
1	77	3605 CAUSEWAY BLVD.	UNL	93.6	686.0	211.8-	206.2	859.7	51.6-	2162.8	2338.6	.75	4385.4	1.31
		METAIRIE,LA. 70002	UN+2	42.3-	135.8	250.8	91.2	50.1-	13.9	891.6	231.7	.23	2524.9	8.95
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	92.9	46.1	32.6	77.3	.3	43.3	569.5	383.3	.31	2853.8	2.11
			DSL	40.2	18.3	4.7-	51.2	3.1-	57.3	292.2	277.6	.98	2213.2	12.03
		STORE TOTAL		184.4	886.2	66.9	425.9	806.8	62.9	3916.1	3231.2	.57	11977.3	2.22
1	83	2355 METAIRIE RD.	UNL	39.9	14.6-	8.6-	211.2	18.0	75.7-	600.2-	578.0-	.81-	2153.0	2.89
		METAIRIE,LA. 70001	UN+2	111.7	83.0-	96.5	42.5	77.3-	58.8	86.1	247.4	.91	1496.7	23.40
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	47.4	86.4-	118.7	135.1	67.7	189.6-	889.7	926.3	2.02	1646.7	5.94
		STORE TOTAL		199.0	184.0-	206.6	388.8	8.4	206.5-	375.6	595.7	.41	5294.4	4.31
1	85	3528 I-10 SERV.RD.	UNL	140.9	187.1-	460.5	92.5-	109.8	127.0	1021.0	859.1	.57	3141.5	2.20
		METAIRIE,LA. 70001	UN+2	44.8	117.3-	117.0	145.5	94.7	152.5-	178.4	125.0	.33	2183.3	22.58
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	136.6	98.1-	164.6	19.7	106.5-	85.0	421.0	332.7	.53	1939.2	2.85
		STORE TOTAL		322.3	402.5-	742.1	72.7	98.0	59.5	1620.4	1316.8	.52	7264.0	3.08
				7-1	6-24	6-17	6-10	6-3	5-27					
1	93	200 LIVE OAK ST.	UNL	271.3	30.5-	63.0	105.6	28.9	76.2	1135.1	941.5	.81	2715.6	2.32
		METAIRIE,LA. 70005	UN+2	80.8	6.3	5.9-	7.2	21.4-	49.9	245.4	205.3	.54	1383.6	10.17
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	109.5	74.4	5.5-	113.2	21.2-	296.0-	235.2	107.7-	.18-	1270.6	2.02
		STORE TOTAL		461.6	50.2	51.6	226.0	13.7-	169.9-	1614.7	1039.1	.48	5369.6	2.48
1	100	2200 ROBERT E.LEE	UNL	106.4	87.2-	92.5-	59.0-	288.9	7.6-	310.0	442.3	.55	2639.7	3.41
		NEW ORLEANS,LA. 70122	UN+2	2.5	24.9-	.0	4.9-	35.6	98.4	142.7	134.6-	.72-	3324.6	48.98
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	68.2-	26.2-	74.0	65.7-	14.1-	22.5	7.1	155.3-	.54-	1924.7	6.82
		STORE TOTAL		40.7	138.3-	18.5-	129.6-	310.4	113.3	459.8	152.4	.12	7889.0	6.07
1	101	10833 CHEF MENTEUR HWY.	UNL	359.2	134.7	310.3	200.1	4.6-	77.1	1317.5	1390.6	1.22	3527.0	4.35
		NEW ORLEANS,LA. 70127	UN+2	120.9	108.2-	80.2	324.3	238.1-	46.7-	290.0	136.4	.58	3916.3	45.12
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	121.6	15.5	7.1	.5	45.8-	48.8	205.2	130.0-	.36-	2647.1	11.42
		STORE TOTAL		601.7	42.0	397.6	524.9	288.5-	79.2	1812.7	1397.0	.81	10092.4	7.11
1	103	1227 VETERANS HWY.	UNL*	2.8-	37.3	82.2	8.1-	33.5	20.6	118.7	270.7	1.62	1798.6	13.69
		KENNER,LA. 70062	UNL	65.0	48.3-	46.9	133.4	98.1-	108.2	245.3	272.0	.37	2046.2	3.54
			PRE	9.8	33.7	54.1	65.9-	12.5-	59.8	131.2	110.9	.59	2092.4	13.48
		STORE TOTAL		72.0	22.7	183.2	59.6	77.1-	168.6	495.2	653.6	.60	5937.2	6.41

*** F 01 ***

#M850 GALLONS LONG OR SHORT BY ZONE PAGE

EEK-NUMBER 13
UARTER NUMBER 2

TIME SAVER, INC.
WEEK ENDING DATE 07/01/90

RUN DATE 07/05/90
RUN TIME 13:58:34

RW850 — GALLONS LONG OR SHORT BY ZONE — PAGE 3

EEK-NUMBER 4 — TIME SAVER, INC. — RUN DATE 08/03/90
UARTER NUMBER 3 — WEEK ENDING DATE 07/29/90 — RUN TIME 15:15:51

ONE: 1 EASTBANK

STORE N	NUMBR	LOCATION ADDRESS	PROD CODE	CURRENT GALS	ONE WEEK AGO	TWO WEEKS AGO	THREE WEEKS AGO	FOUR WEEKS AGO	FIVE WEEKS AGO	QTD GALS	YEAR-TO-DATE CURRENT-YEAR GALS	CURRENT-YEAR PCT.	PRIOR-YEAR GALS	PRIOR-YEAR PCT
1	77	3605 CAUSEWAY BLVD. METAIRIE,LA. 70002	UNL	312.7	310.3	112.5-	112.5	93.6	686.0	623.0	2961.6	.83	5316.5	1.38
			UN+2	246.9	351.3	304.0-	8.5-	42.3-	135.8	285.7	517.4	.44	2887.1	6.75
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	168.0	15.8	110.2	226.6-	92.9	46.1	67.4	450.7	.31	3280.1	2.11
			DSL	21.6-	65.7-	72.3	60.3-	40.2	18.3	75.3-	202.3	.64	2291.9	10.51
		STORE TOTAL		706.0	611.7	234.0-	182.9-	184.4	886.2	900.8	4132.0	.64	13775.6	2.19
1	83	2355 METAIRIE RD. METAIRIE,LA. 70001	UNL	2.7-	25.3	446.4-	437.3	39.9	14.6-	65.5	512.5-	.62-	2472.5	2.73
			UN+2	182.0-	230.0	392.3	461.4-	111.7	83.0-	21.1-	226.3	.70	1779.0	17.20
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	97.8-	8.0	74.5	60.0-	47.4	86.4-	75.3-	851.0	1.63	1775.1	6.90
		STORE TOTAL		282.5-	313.3	22.4	84.1-	199.0	184.0-	30.9-	564.8	.33	6026.6	3.98
1	85	3528 I-10 SERV.RD. METAIRIE,LA. 70001	UNL	396.6	314.1-	75.0	166.3	140.9	187.1-	323.8	1182.9	.69	3954.8	2.40
			UN+2	63.7	20.6	137.9-	119.2	44.8	117.3-	65.6	190.6	.44	2465.0	16.52
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	102.0	202.9-	51.1-	129.1	136.6	98.1-	22.9-	309.8	.42	2363.3	3.02
		STORE TOTAL		562.3	496.4-	116.0-	414.6	322.3	402.5-	366.5	1683.3	.58	8783.1	3.22
				7-29	7-22	7-15	7-8	-7-1						
1	93	200 LIVE OAK ST. METAIRIE,LA. 70005	UNL	30.4	47.7	105.3	82.9	271.3	30.5-	266.3	1207.8	.90	3121.9	2.20
			UN+2	140.2-	109.1	53.2	47.3-	80.8	6.3	45.2-	160.1	.37	1635.2	7.24
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	73.8-	.7	15.1-	21.0-	109.5	74.4	109.2-	216.9-	.32-	1634.9	2.21
		STORE TOTAL		183.6-	157.5	143.4	5.4-	461.6	50.2	111.9	1151.0	.47	6192.0	2.39
1	100	2200 ROBERT E.LEE NEW ORLEANS,LA. 70122	UNL	120.8-	2.0-	2.5	196.3	106.4	87.2-	76.0	518.3	.58	2862.3	3.20
			UN+2	10.6-	55.4-	119.4	121.6	2.5	24.9-	175.0	40.4	.18	3464.8	39.70
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	6.9	21.2	129.0	116.7	68.2-	26.2-	273.8	118.5	.36	2148.8	6.74
		STORE TOTAL		124.5-	36.2-	250.9	434.6	40.7	138.3-	524.8	677.2	.47	8455.9	5.76
1	101	10833 CHEF MENTEUR HWY. NEW ORLEANS,LA. 70127	UNL	219.2	21.6-	67.5	183.7	359.2	134.7	448.8	1839.4	1.37	4146.8	4.06
			UN+2	160.7	142.4-	203.2	41.9-	120.9	108.2-	179.6	316.0	1.09	4272.3	35.31
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	17.1	63.6	23.3-	.8-	121.6	15.5	56.6	73.4-	.17-	3384.4	12.78
		STORE TOTAL		397.0	100.4-	247.4	141.0	601.7	42.0	685.0	2082.0	1.02	11803.5	6.90
1	103	1227 VETERANS HWY. KENNER,LA. 70062	UNL+	16.1-	105.0	80.8-	31.8	2.8-	37.3	39.9	310.6	1.55	1998.9	13.10
			UNL	46.9-	110.1	260.3	105.1-	65.0	48.3-	198.6	470.4	.56	2333.6	3.31
			PRE	23.1	39.9-	11.2	20.6	9.8	35.7	15.0	125.9	.57	2279.8	12.52
		STORE TOTAL		39.9-	175.2	170.7	52.7-	72.0	22.7	253.3	906.9	.72	6612.3	6.36

#W850 GALLONS LONG OR SHORT BY ZONE PAGE 3

EEK-NUMBER 9 TIME SAVER, INC. RUN DATE 09/07/90
UARTER NUMBER 3 WEEK ENDING DATE 09/02/90 RUN TIME 15:45:27

ONE: 1 EASTBANK

N	STORE NUMBER	LOCATION ADDRESS	PROD CODE	CURRENT GALS	ONE WEEK AGO	TWO WEEKS AGO	THREE WEEKS AGO	FOUR WEEKS AGO	FIVE WEEKS AGO	QTD GALS	*-*-*-YEAR-TO-DATE-*-*-*-* CURRENT-YEAR GALS	PCT.	PRIOR-YEAR GALS	PCT
1	77	3605 CAUSEWAY BLVD. METAIRIE,LA. 70002	UNL	201.0	374.9	206.8	357.9	340.4-	312.7	1423.2	3761.8	.91	6833.1	1.53
			UN+2	261.8	149.5-	22.1	216.5	165.6-	246.9	471.0	702.7	.52	3666.5	5.87
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	68.6	175.7-	163.9	90.5	59.1-	168.0	155.6	538.9	.33	3632.7	2.03
			DSL	66.9-	27.6	14.2-	94.8	23.1-	21.6-	57.1-	220.5	.61	2517.5	9.31
		STORE TOTAL		464.5	77.3	378.6	759.7	588.2-	706.0	1992.7	5223.9	.70	16649.8	2.25
1	83	2355 METAIRIE RD. METAIRIE,LA. 70001	UNL	6.4	93.9	120.7	11.9	70.3	2.7-	368.7	209.3-	.22-	2772.3	2.44
			UN+2	27.5-	38.9-	93.6	212.6	132.5-	182.0-	86.2	333.6	.90	2272.3	13.09
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	57.5	28.2-	33.6	223.7	121.4-	97.8-	89.9	1016.2	1.77	2080.4	4.34
		STORE TOTAL		36.4	26.8	247.9	448.2	183.6-	282.5-	544.8	1140.5	.60	7125.0	3.69
1	85	3528 I-10 SERV.RD. METAIRIE,LA. 70001	UNL	166.7-	216.5	83.2	99.9	85.6	396.6	642.3	1501.4	.75	5018.2	2.62
			UN+2	98.4-	33.7	25.8-	117.0	109.2	63.7	201.3	326.3	.66	3220.1	14.14
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	45.9-	26.0	133.2-	175.3	185.0	102.0	184.3	517.0	.62	3203.9	3.55
		STORE TOTAL		311.0-	276.2	75.8-	392.2	379.8	562.3	1027.9	2344.7	.70	11442.2	3.58
				9-2	8-26	8-19	8-12	8-5	7-29					
1	93	200 LIVE OAK ST. METAIRIE,LA. 70005	UNL	8.7-	19.3	6.8	52.4-	116.1	30.4	345.4	1286.9	.81	3956.3	2.32
			UN+2	15.4-	113.8	13.5-	14.0-	53.5	140.2-	79.2	284.5	.56	1805.8	6.54
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	18.1	13.4-	23.1-	.3-	128.5	73.8-	.6	107.1-	.14-	1891.0	2.16
		STORE TOTAL		6.0-	119.7	29.8-	66.7-	296.1	183.6-	425.2	1466.3	.51	7653.1	2.48
1	100	2200 ROBERT E.LEE NEW ORLEANS,LA. 70122	UNL	240.8	7.8	70.7-	104.2	3.7-	120.8-	354.4	796.7	.81	6071.1	5.81
			UN+2	41.4	156.9	240.9-	264.4	79.1-	10.6-	317.7	183.1	.69	3733.6	32.01
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	39.0	10.2	16.6-	43.6	44.1-	6.9	305.9	150.6	.40	2680.0	7.25
		STORE TOTAL		321.2	174.9	328.2-	412.2	126.9-	124.5-	978.0	1130.4	.70	12484.7	7.32
1	101	10833 CHEF MENTEUR HWY. NEW ORLEANS,LA. 70127	UNL	1673.4-	2069.2	85.5-	119.2-	100.7	219.2	740.6	2131.2	1.34	4728.9	3.70
			UN+2	216.8-	42.0	2.8-	3.1-	100.8-	160.7	101.9-	34.5	.09	4430.2	27.31
			REG	.0	.0	.0	.0	.0	.0	.0	.0	.00	.0	.00
			PRE	418.0-	406.6	27.7-	41.1	34.6-	17.1	24.0	106.0-	.22-	3755.3	12.03
		STORE TOTAL		2308.2-	2517.8	116.0-	81.2-	34.7-	397.0	662.7	2059.7	.85	12914.4	6.27
1	103	1227 VETERANS HWY. KENNER,LA. 70062	UNL+	235.2	111.0-	37.0-	84.8-	82.6	16.1-	124.9	395.6	1.65	2244.3	12.46
			UNL	198.1	1.8-	34.0	154.6-	144.2	46.9-	418.3	690.3	.70	2807.3	3.35
			PRE	44.8	2.6-	6.0	23.0	20.9-	23.1	65.3	176.2	.69	2393.3	11.06
		STORE TOTAL		478.1	115.4-	3.0	216.4-	205.9	39.9-	608.5	1262.1	.85	7444.9	6.03

JEFFERSON PARISH, AUGUST 21, 1992
RELEASE NOTIFICATION FORM TO LDEQ

RELEASE NOTIFICATION FORM

INCIDENT NUMBER LE-92-03-0201

NOTIFICATION INFORMATION

RECEIVED BY: Keith Hall
DATE: 8/21/92
TIME: 4:00pm

REPORTED BY: Kathy Kuhn / Marnie Winter
ADDRESS: 1221 Elmwood Pk Blvd., Suite 703
Harahan, La.
TELEPHONE: (504) 736-6440

DATE DISCOVERED 8/20/92
DATE CONFIRMED

- ☐ GASOLINE
- ☐ OIL
- ☒ DIESEL
- ☐ HAZARDOUS SUBSTANCE
- ☐ OTHER

- ☐ SPILL
- ☐ OVERFILL
- ☒ TANK LEAK
- ☐ PIPING LEAK
- ☐ DISPENSER LEAK
- ☐ OTHER

QUANTITY RELEASED GALLONS

FACILITY INFORMATION

FACILITY ID#
NAME: Dept. of Drainage
ADDRESS: 4201 Avron, Pump Sta. #2
Metairie, La.
PARISH: Jefferson
CONTACT PERSON: Marnie Winter
TELEPHONE: (504) 736-6440

OWNER NAME: Jefferson Parish
ADDRESS:
TELEPHONE: ( )

RELEASE STATUS

- ☐ Assessment Required
- ☒ Pending Further Information
  Comments:
- ☐ Remediation Complete
  Date:
  Method:

INCIDENT DESCRIPTION

Kathy Kuhn of Jefferson Parish called to report that a 10K gallon diesel tank at the facility failed a tightness test. CDM is the RAC. Riedel Peterson was going to pump out the tank

LDEQ, FEBRUARY 1, 1996
STATE OF LOUISIANA UST CLOSURE/ASSESSMENT FORM

RECEIVED
JUL 31 1995
UNDERGROUND STORAGE TANK DIVISION

RECEIVED
JUL 18 1995
CDM-METAIRIE, LA

3875108

STATE OF LOUISIANA
UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM

Please complete and return within sixty (60) days after UST system closure or change-in-service

Return to: LDEQ - UST DIVISION, P. O. Box 82178, Baton Rouge, LA 70884-2178 Questions: (504) 765-0243

DEQ Facility Number: 26-013731

DEQ Owner ID Number: 00579700

I. OWNERSHIP OF TANKS

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐

OWNER NAME (CORPORATION/INDIVIDUAL, ETC.): Jefferson Parish Department of Drainage

MAILING ADDRESS: 1221 Elmwood Park Blvd., Suite 908

CITY: Harahan STATE: LA ZIP: 70123

PARISH/COUNTY: Jefferson

TELEPHONE (INCLUDE AREA CODE): (504) 736-6732

NAME OF CONTACT PERSON: Ross W. Ketchum

II. LOCATION OF TANKS

IF SAME AS SECTION I. PLEASE CHECK ☐

FACILITY NAME OR COMPANY SITE IDENTIFIER: Lake Villa Drainage Pump Station

STREET ADDRESS (P. O. BOX NOT ACCEPTABLE): 4201 Avron Blvd.

CITY: Metairie STATE: LA ZIP: 70002

PARISH: Jefferson

AUG 0 8 1995

TELEPHONE (INCLUDE AREA CODE): (504) 736-6732

CONTACT PERSON AT THIS LOCATION: Ross W. Ketchum

III. TANK INFORMATION (Attach Continuation Sheets If Necessary)

DEQ ASSIGNED TANK NUMBERS	PRODUCT LAST STORED IN TANK	SIZE OF TANK (GALLONS)	CHOOSE ONE PER TANK 1 = Removed 2 = Closed-in-Place 3 = Change-in-Service[1] 4 = Removed & Replaced[2]	TANK PROPERLY LABELED? CIRCLE		HIGHEST LEL OR OXYGEN READING[3] LEL[4]	Oxygen	DATE OF CLOSURE OR CHANGE-IN-SERVICE
39773	Diesel	10,000	1	(Y)	N	0	21.9	11/ 9/ 94
39774	Diesel	10,000	1	(Y)	N	0	21.9	11/ 10/ 94
				Y	N			/ /
				Y	N			/ /
				Y	N			/ /

1 - Indicate the non-regulated substance to be stored in the tank.
2 - A registration form addressing the replacement tank must be completed.
3 - Highest reading recorded just before tank removed from excavation.
4 - Lower Explosive Limit

IV. TANK

A. Date cleaned: 11/ 09/ 94 11/ 10/ 94

B. Date disposed/recycled: 11/ 14/ 94

C. Name of disposal site/recycling site: Goldin Industries

V. TANK SLUDGES

A. Date disposed/recycled: / /

B. Volume removed: cu/yds

C. Name of disposal site:

VI. TANK WATERS/WASHWATERS

A. Date disposed/recycled: 9/ 29/ 94

B. Volume removed: 1872 gals

C. Name of disposal/recycling site: Goldin Industries

VII. CONTAMINATED SOIL (IF APPLICABLE)

A. Date removed: 1/ 31/ 95 2/ 1/ 95

D. Date disposed: 1/ 31/ 95 2/ 1/ 95

B. Volume of soil removed: 168 cu/yds

C. Name of disposal site: Kelvin Landfill

VIII. CONTAMINATED GROUNDWATER (IF APPLICABLE)

A. Date removed: 9/ 29/94

D. Date disposed: 9/ 29/94

B. Volume of groundwater removed: 800 gals

C. Name of disposal site/recycler: Goldin Industries

IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

PRINT OR TYPE OWNER'S NAME	OWNER'S SIGNATURE	DATE
MARNIE WINTER	Marnie Winter	7-17-95

PRINT OR TYPE NAME OF CERTIFIED WORKER	SIGNATURE OF CERTIFIED UST WORKER	CERTIFICATE NO.	DATE
Philip M. Kelly, Jr.	Philip M. Kelly, Jr.	C-0218	4 21,95

FORMS THAT DO NOT INCLUDE THE OWNER'S AND UST WORKER'S SIGNATURES WILL BE REJECTED.

LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☑ UST system removed from database; no further action required.
☐ UST system removed from database; additional information required.

Reviewer's Signature: Lisa A. Robichaux Telephone No. (504) 537 6216 Date: 01/ 23/ 96

Signature of LDEQ Representative: Harold F. Etter Jr. Date: 2/ 1/ 96 Supervisor Initials: BB 2/1/96

UST-ENF-02 **** INCOMPLETE FORMS MAY BE REJECTED ***** Revised 12/94

UST DIV. MAIN OFFICE FILE