Shaw™ Shaw Environmental, Inc.

R02843

SOIL INVESTIGATION REPORT
FORMER CHURCH'S CHICKEN
1766 7TH STREET
OAKLAND, ALAMEDA COUNTY, CALIFORNIA

June 21, 2004

Prepared for:

California Department of Transportation
District 4
P.O. Box 23660
Oakland, California 94623

Prepared by:

Shaw Environmental, Inc.
1326 North Market Boulevard
Sacramento, California 95834

Task Order No.: 04-911052-WB
Caltrans Contract No.: 43A0078

Project No.: 830714.01010000

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SHAW ENVIRONMENTAL, INC.

Martha Adams

Martha Adams, P.E.
Project Manager

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Executive Summary

This report presents the results of a soil investigation conducted by Shaw Environmental, Inc. at the former Church's Chicken property located at 1766 7th Street in Oakland, Alameda County, California. The objective of this scope of work was to perform a soil investigation to demonstrate the attenuation of the contaminants of concern

The California Department of Transportation (Caltrans) purchased numerous properties in West Oakland for right-of-way acquisition for the re-alignment and replacement of the Cypress Freeway, which was damaged during the 1989 Loma Prieta earthquake. Caltrans purchased the Church's Chicken property located on 7th Street in 1994 as part of the 7th Street re-alignment. During the construction, approximately 2,600 cubic yards of soil impacted with petroleum hydrocarbons were excavated and removed from the Church's Chicken site in 1996. Five monitoring wells were installed on and around the former Church's Chicken site in April 2001 to monitor the contaminant trends. A groundwater study was performed in 2001-2002 and demonstrated that no dissolved-phase contaminant impacts remained in the vicinity of the monitoring well locations.

The scope of work included drilling four soil borings in the vicinity of the former waste oil and underground storage tanks at the former Church's Chicken. The soil borings (CC-01 through CC-04) were advanced to a maximum depth of 4.3 meters (14.0 feet) below ground surface and were continuously cored using direct-push sampling equipment. A total of 12 soil samples, three per boring, were collected and submitted for analyses during this investigation. A summary of the investigation is outlined below:

- Total petroleum hydrocarbons as gasoline (TPHg) were reported in one sample from boring CC-04 at a concentration of 55 milligrams per kilogram (mg/kg). The reported concentration is below the California Regional Water Quality Control Board, San Francisco Bay Region's Environmental Screening Level (ESL) for residential settings of 100 mg/kg.
- Total petroleum hydrocarbons as diesel were not detected in soil during this investigation.
- Oil and grease (O&G) were detected in soil samples collected from borings CC-01 and CC-02. The maximum reported concentration of 160 mg/kg is below the residential ESL of 500 mg/kg.
- The concentrations of volatile organic compounds (VOCs) reported in soil were well below their respective U.S. Environmental Protection Agency Region 9 Preliminary Remediation Goals and ESLs for residential uses.

Low residual concentrations of TPHg, O&G, and VOCs exist in soil at the boring locations. Based on the low concentrations of petroleum hydrocarbons and VOCs reported in this investigation, additional subsurface assessment does not appear warranted, and the property is clear for unrestricted zoning use.

1.0 Introduction

This report presents the results of a soil investigation conducted by Shaw Environmental, Inc. (Shaw) at the former Church's Chicken property located at 1766 7th Street in Oakland, Alameda County, California (Figure 1).

This investigation was conducted at the request and authorization of Mr. Chris Wilson of the California Department of Transportation (Caltrans) under Task Order No. 04-911052-WB

1.1 Project History

According to the task order (Caltrans, 2001) and a previous site investigation report (Geocon, 2001), the site was formerly occupied by a gasoline service station between 1962 and 1983. Four 4,000-gallon gasoline underground storage tanks (USTs) and one 550-gallon waste oil UST were removed from the site in 1983. A Church's Chicken restaurant occupied the site between 1983 and 1994.

In 1989, a portion of the nearby Interstate 880 Cypress freeway structure was damaged during the Loma Prieta earthquake. The Cypress freeway structure was subsequently demolished and Interstate 880 was re-routed west of the former alignment, which required additional right-of-way acquisition by Caltrans. Caltrans purchased the Church's Chicken property in 1994 as part of the 7th Street re-alignment.

During the construction, approximately 2,600 cubic yards of soil impacted with petroleum hydrocarbons were excavated and removed from the site in 1996 (Geocon, 2001). In order to avoid affecting movement of groundwater plumes in the west Oakland area, remedial excavations were limited to the vadose zone by the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC). As a result of not being able to remediate petroleum hydrocarbon impacts within the saturated zone, the DTSC required construction of monitoring wells at the site and in the site vicinity (Caltrans, 2001).

After the re-alignment of 7th Street was completed, a large portion of the former site was located beneath the intersection of 7th Street and Wood Street. The remaining portion of the site is currently vacant. Five monitoring wells were installed on and around the former Church's Chicken site in April 2001 to monitor the contaminant trends. A groundwater study was performed in 2001-2002 and demonstrated that no dissolved-phase contaminant impacts remained in the vicinity of the monitoring well locations. On November 25, 2002, the five groundwater monitoring wells were abandoned under the direction of Caltrans.

Because the confirmation sampling that followed the April 1996 excavation of contaminated soil reported excessive levels of fuel hydrocarbons, DTSC has proposed a deed restriction for the former Church's Chicken site.

1.2 Objective

The objective of this site investigation was to perform soil sampling to demonstrate the attenuation of the contaminants of concern identified by Caltrans as total petroleum hydrocarbons as gasoline (TPHg) and diesel (TPHd), oil and grease (O&G), and volatile organic compounds (VOCs).

2.0 Scope of Work

The following scope of work was conducted at the request and authorization of Mr. Chris Wilson of Caltrans under Task Order No. 04-190270-WY.

1. Planning and Permitting
2. Field Investigation
3. Laboratory Analyses
4. Site Investigation Report Preparation

2.1 Planning and Permitting

Planning and permitting included the acquisition of required permits and clearing the proposed boring locations of underground utilities prior to drilling activities.

Mr. Chris Wilson of Caltrans marked the soil boring locations for utility clearance. Underground Service Alert (USA) was notified of the subsurface investigation at least 48 hours prior to commencement of the field activities.

Drilling permits were obtained from the Alameda County Public Works Agency. Copies of the permits are included in Appendix A.

2.2 Field Investigation

On May 4, 2004, Shaw observed Precision Sampling, Inc. (C57 #636387) conduct drilling activities. The scope of work included drilling four soil borings to facilitate soil sample collection at the former Church's Chicken site. Soil borings were located in accordance with Caltrans' Task Order 04-911052-WB (Figure 2).

The soil borings (CC-01 through CC-04) were advanced to a maximum depth of 4.3 meters (14.0 feet) below ground surface (BGS) and were continuously cored using direct-push sampling equipment. Boring CC-01 was located near the former waste oil tank and borings CC-03 and CC-04 were located near the former UST locations. Boring CC-02 was located within the boundaries of the 1996 remedial excavation.

A Shaw staff geologist under the supervision of a California Registered Geologist logged the borings in general accordance with the Unified Soil Classification System. Boring logs are included in Appendix B. Drilling and sampling procedures are included in Appendix C.

Soil samples were collected with an approximate 5-centimeter-diameter (2-inch), 1.2-meter-long (4-foot) sample barrel lined with an acetate sleeve. The sample barrel was advanced in 1.2-meter

(4-foot) increments using a Geoprobe® direct-push rig. The sample barrel was removed from the borehole after each 1.2-meter (4-foot) increment, and soil samples were retained by cutting an approximately 0.15-meter (6-inch) section of the acetate sleeve for each selected sample depth interval. The ends of the sample sleeve were covered with Teflon® film and immediately capped with PVC endcaps. Soil samples from each sample interval were field screened using a photo-ionization detector (PID). Soil samples were collected from each soil boring at the following depths.

- 2.4 meters (7.9 feet) BGS. This depth coincides with the typical maximum water table elevation recorded during the 2001-2002 groundwater study.
- 3.0 meters (9.8 feet) BGS. This is the typical remedial excavation depth and the limit of imported fill material.
- 4.0 meters (13.1 feet) BGS. This sample depth is within native soil.

A total of 12 soil samples, three per boring, were collected and submitted for analyses during this investigation. The soil samples were labeled, packaged, and stored on ice in an insulated chest for transport under chain-of-custody manifest to a California-certified analytical laboratory. Shaw personnel transported the samples to the laboratory on the same day as sample collection. The chain-of-custody forms are included in Appendix D.

Following soil sample collection, the borings were backfilled with a cement grout mixture via a tremmie pipe from the bottom of the borehole to ground surface.

All drilling and sampling equipment was washed prior to commencement of drilling. To minimize cross-contamination between borings, all appropriate down-hole drilling equipment was washed between borings.

2.3 Laboratory Analysis

A total of 12 soil samples were submitted for analyses to Sparger Technology, Inc., a California-certified analytical laboratory (ELAP #1614). The analyses were conducted on a normal turnaround basis in general accordance with U.S. Environmental Protection Agency (EPA)-specified holding times. The analyses were performed in general accordance with the following methods: TPHg, EPA Method 8015; TPHd, EPA Method 8015; O&G, EPA Method 1664; and VOCs, EPA Method 8260B.

Chain-of-custody procedures were used to document sample handling and transport from the time of collection to delivery to the laboratory for analysis. The chain-of-custody forms and laboratory analytical reports are included in Appendix D.

3.0 Site Investigation Results

Soil chemical analytical data are presented in Table 1.

TPHg was not detected in soil samples collected from borings CC-01, CC-02, and CC-03. TPHg was detected in one sample collected from boring CC-04 at a depth of 3.0 meters (9.8 feet) BGS at a concentration of 55 milligrams per kilogram (mg/kg).

TPHd were not detected in soil samples collected at the site.

O&G were not detected in soil samples collected from borings CC-03 and CC-04. O&G was reported in two soil samples. The reported O&G were reported in boring CC-01 at a concentration of 160 mg/kg at a depth of 4.0 meters (13.1 feet) BGS and in boring CC-02 at a concentration of 60 mg/kg at a depth of 2.4 meters (7.9 feet) BGS.

VOCs were not detected in soil samples collected from borings CC-02 and CC-03. Acetone was the only VOC detected in boring CC-01 (CC-01-2.4) at a concentration of 0.038 mg/kg. VOCs reported in soil in boring CC-04 were acetone, 2-butanone (methyl ethyl ketone [MEK]), n-propylbenzene, and n-butylbenzene. Only n-propylbenzene and n-butylbenzene are associated with gasoline constituents. VOCs were not detected at the depth of 4.0 meters (13.1 feet) BGS. The maximum VOC concentrations reported are listed below.

Analyte	Concentration	Sample Identification
Acetone	43 µg/kg	CC-04-2.4 and CC-04-3.0
2-Butanone (MEK)	110 µg/kg	CC-04-2.4 and CC-04-3.0
n-propylbenzene	3.6 µg/kg	CC-04-3.0
n-butylbenzene	3.1 µg/kg	CC-04-3.0

4.0 Data Evaluation

Soil analytical results were compared to Environmental Screening Levels (ESLs) established by the California Regional Water Quality Control Board (CRWQCB), San Francisco Bay Region and to EPA Region 9 Preliminary Remediation Goals (PRGs) for residential uses. The analytical results were compared to ESLs for shallow residential soils, less than 3.0 meters BGS.

TPHg was reported in boring CC-04 at a depth of 3.0 meters (9.8 feet) BGS at a concentration of 55 mg/kg, which is below the ESL of 100 mg/kg. Boring CC-04 was located near the former gasoline USTs.

TPHd were not detected in soil samples during this investigation.

O&G were detected in two samples from boring CC-01 and boring CC-02. The maximum reported concentration of 160 mg/kg is below the ESL of 500 mg/kg. The highest concentration was detected in boring CC-01, which was located near the former waste oil tank.

The concentrations of VOCs reported in soil in borings CC-01 and CC-04 were well below their respective EPA Region 9 PRGs and ESLs for residential uses.

5.0 Conclusions and Recommendations

Based on the laboratory results, current regulatory guidelines, and the judgment of Shaw, the following conclusions and recommendations are offered.

- TPHg were reported in one sample at a concentration below the ESL.
- TPHd were not detected in soil during this investigation.
- O&G were detected in two samples and the maximum reported concentration is below the ESL.
- The concentrations of VOCs reported in two borings were well below their respective EPA Region 9 PRGs and ESLs for residential uses.

A groundwater study was performed in 2001-2002 and indicated that no dissolved-phase contaminant impacts remained in groundwater.

Low residual concentrations of TPHg, O&G, and VOCs exist in soil at the boring locations. Based on the low concentrations of petroleum hydrocarbons and VOCs reported in this investigation, additional subsurface assessment does not appear warranted. The efficacy of the site remediation leaves this site needing no further action and with no need for a deed restriction.

6.0 References

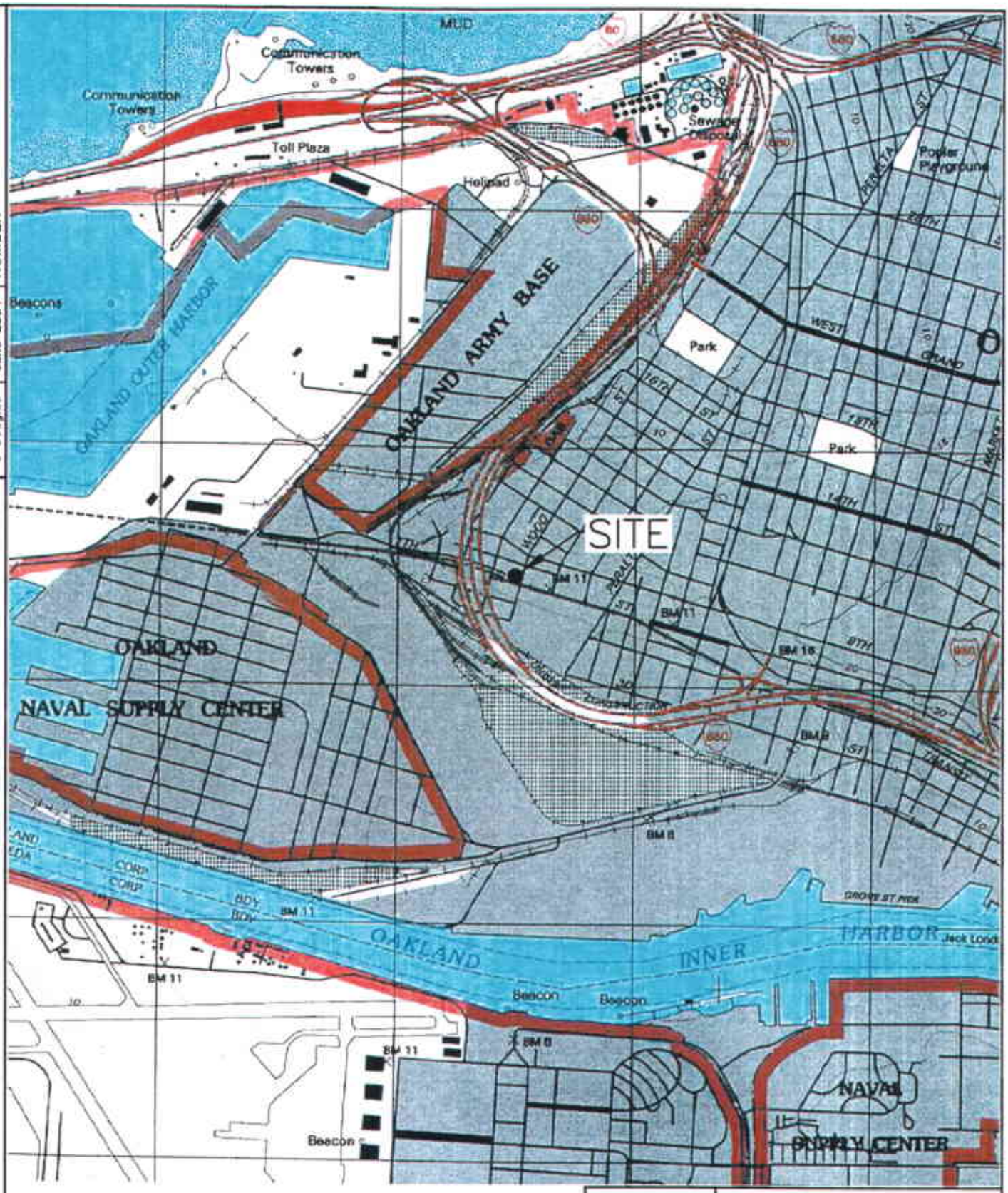
Caltrans (California Department of Transportation), 2001, District 4, Office of Environmental Engineering, Task Order No. 04-911052-WB: dated August 2001.

Geocon (Geotechnical & Environmental Consultants), 2001, Monitoring Well Installation and Groundwater Sampling Report: Former Church's Fried Chicken, Oakland, Alameda County, California, Task Order No. 04-190270-RS, Geocon Project No. S8225-06-111: dated June 2001.

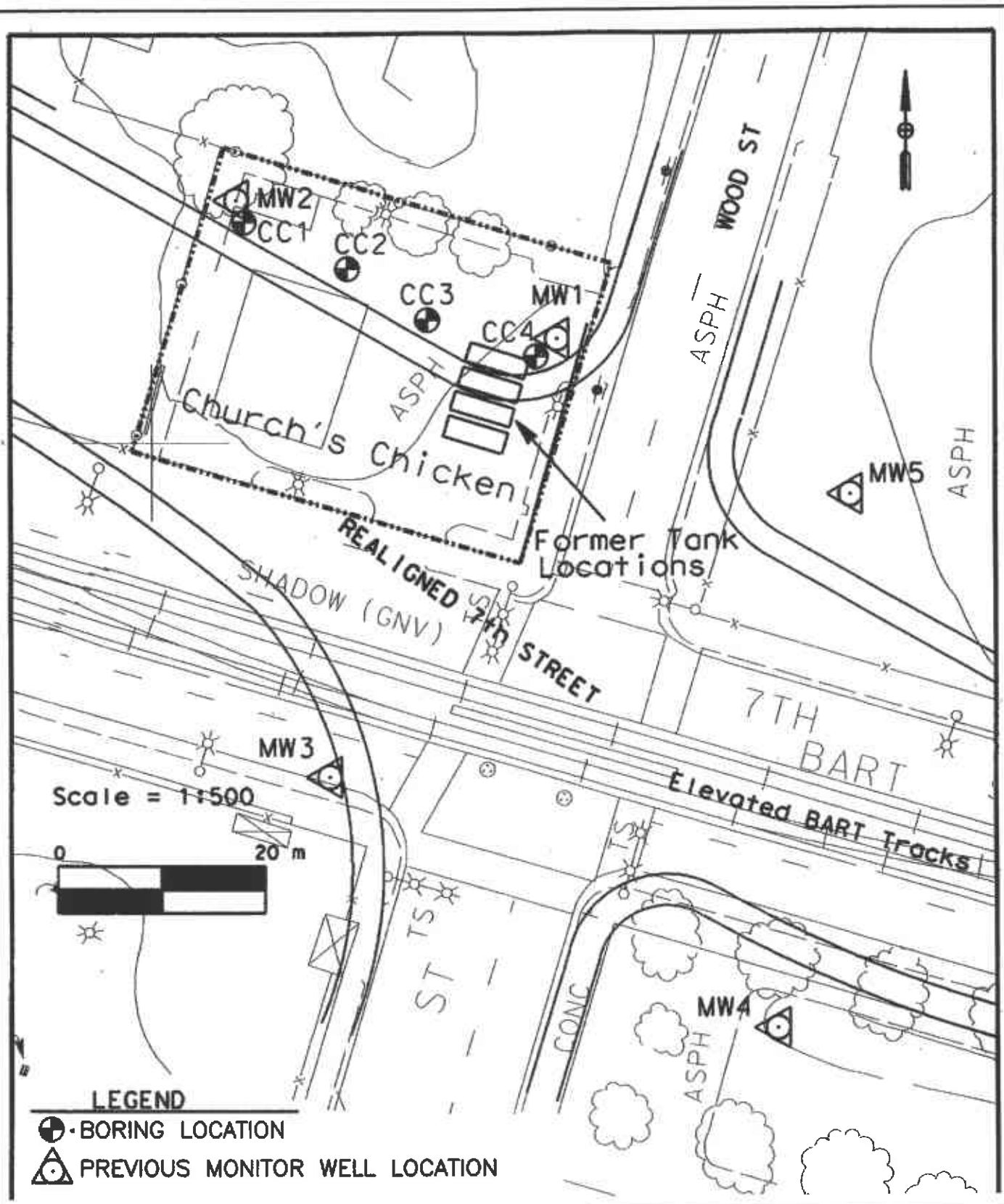
Shaw (formerly IT Corporation), 2002, First quarter 2002 groundwater monitoring report, Former Church's Chicken property, Oakland, Alameda County, California: dated January 2002.

Shaw, 2004, Scope of Work, Former Church's Chicken property, Oakland, Alameda County, California: dated March 25, 2004.

Shaw (formerly IT Corporation), 2001, Health and Safety Plan, Groundwater Monitoring, Former Church's Chicken property, Oakland, Alameda County, California: dated December 28, 2001.


PROJECT NUMBER 830714
DRAWN BY C. Douglas June 2004
MUD
Communication Towers
Communication Towers
Toll Plaza
Holland
Sewage Disposal
Peralta
Potter Playground
Beacons
OAKLAND OUTER HARBOR
OAKLAND ARMY BASE
Park
West Grand
Park
SITE
OAKLAND
NAVAL SUPPLY CENTER
BM 11
BM 16
BM 8
OAKLAND INNER HARBOR
Jack London
Beacon
Beacon
Beacon
NAVAL SUPPLY CENTER
SCALE
0
2000
4000 FEET
Shaw™
CALIFORNIA DEPARTMENT OF TRANSPOTATION
FORMER CHURCH'S CHICKEN PROPERTY, 1766 7th STREET
OAKLAND, CALIFORNIA
FIGURE 1
SITE LOCATION MAP

PROJECT NUMBER	830714
DRAWN BY	C Douglas | June 2004



Shaw™

CALIFORNIA DEPARTMENT OF TRANSPOTATION
FORMER CHURCH'S CHICKEN PROPERTY, 1766 7th STREET
OAKLAND, CALIFORNIA

FIGURE 2

BORING LOCATION MAP

Table 1
Summary of Soil Analytical Results
Former Church's Chicken
1766 7th Street
Oakland, California

Boring	Sample Depth (meters)	Sample Depth (feet)	EPA 8015 Total Petroleum Hydrocarbons as Gasoline (mg/kg)	EPA 8015 Total Petroleum Hydrocarbons as Diesel (mg/kg)	EPA 1664 Oil & Grease (mg/kg)	EPA 8260B Volatile Organic Compounds			
						Acetone (mg/kg)	2-Butanone (MEK) (mg/kg)	n-Propyl-benzene (mg/kg)	n-Butyl-benzene (mg/kg)
CC-01	2.4	7.9	< 1.0	< 1.0	< 50	0.038	< 0.002	< 0.002	< 0.002
CC-01	3.0	9.8	< 1.0	< 1.0	< 50	< 0.002	< 0.002	< 0.002	< 0.002
CC-01	4.0	13.1	< 1.0	< 1.0	160	< 0.002	< 0.002	< 0.002	< 0.002
CC-02	2.4	7.9	< 1.0	< 1.0	60	< 0.002	< 0.002	< 0.002	< 0.002
CC-02	3.0	9.8	< 1.0	< 1.0	< 50	< 0.002	< 0.002	< 0.002	< 0.002
CC-02	4.0	13.1	< 1.0	< 1.0	< 50	< 0.002	< 0.002	< 0.002	< 0.002
CC-03	2.4	7.9	< 1.0	< 1.0	< 50	< 0.002	< 0.002	< 0.002	< 0.002
CC-03	3.0	9.8	< 1.0	< 1.0	< 50	< 0.002	< 0.002	< 0.002	< 0.002
CC-03	4.0	13.1	< 1.0	< 1.0	< 50	< 0.002	< 0.002	< 0.002	< 0.002
CC-04	2.4	7.9	< 1.0	< 1.0	< 50	0.043	0.11	< 0.002	< 0.002
CC-04	3.0	9.8	55	< 1.0	< 50	0.043	0.11	0.0036	0.0031
CC-04	4.0	13.1	< 1.0	< 1.0	< 50	< 0.002	< 0.002	< 0.002	< 0.002
ESL (mg/kg)			100	100	500	0.24	3.9	-	-
Residential PRG (mg/kg)			-	-	-	1,600	7,300	240	240

Notes:

mg/kg = milligrams per kilogram

< = Less than the laboratory test method detection limit

Only volatile organic compounds detected in one or more samples are listed.

MEK = Methyl ethyl ketone

PRG = U.S. Environmental Protection Agency Region 9, Preliminary Remediation Goal for Residential uses.

ESL = Environmental Screening Level established by the California Regional Water Quality Control Board, San Francisco Bay Region. (Shallow soil, less than 3.0 meters below ground surface).

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6633 James Yoo
FAX (510)782-1939
APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT CHURCH'S CHICKEN
1766 7TH ST.
OAKLAND, CA 94607

CLIENT
Name CALTRANS CONTACT: CHRIS WILSON
Address P.O. BOX 23660 Phone (510) 286-5657
City OAKLAND, CA Zip 94623

APPLICANT
Name SHAW ENVIRONMENTAL Fax (916) 565-4356
Address 1326 N. MARKET BLVD. Phone (916) 565-4353
City SACRAMENTO, CA Zip 95834

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection		General	
Water Supply		Contamination	X (4 SOIL
Monitoring		Well Destruction	Borings)

PROPOSED WATER SUPPLY WELL USE

New Domestic		Replacement Domestic	
Municipal		Irrigation	
Industrial		Other N/A	X

DRILLING METHOD:

Mud Rotary		Air Rotary		Auger	X
Cable		Other	X DIRECT PUSH		

DRILLER'S NAME PRECISION DRILLING
DRILLER'S LICENSE NO. C-57:636387

WELL PROJECTS
Drill Hole Diameter ____ in. Maximum
Casing Diameter ____ in. Depth ____ ft.
Surface Seal Depth ____ ft. Owner's Well Number ____

GEOTECHNICAL PROJECTS
Number of Borings 4 Maximum
Hole Diameter 2 in. Depth 14 ft.

STARTING DATE 5/4/04
COMPLETION DATE 5/5/04

FOR OFFICE USE
PERMIT NUMBER W04-0498
WELL NUMBER
APN

PERMIT CONDITIONS
Circled Permit Requirements Apply

A. GENERAL
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources-Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date

B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

D. GEOTECHNICAL
Backfill borehole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings

E. CATHODIC
Fill hole anode zone with concrete placed by tremie.

F. WELL DESTRUCTION
Send a map of work site. A separate permit is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS B #1

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

APPROVED _____ DATE 4-30-04

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE _____ DATE 4/15/04

PLEASE PRINT NAME BENJAMIN CHEVER

Rev.9-18-02

APPENDIX B
BORING LOGS

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 830714	PROJECT NAME: CHURCH'S CHICKEN (OAKLAND, CA		
BORING NUMBER: CC1	COORDINATES:	DATE: 05-04-2004	
ELEVATION:	GWL: Depth ~10.0' Date/Time	DATE STARTED: 05-04-04	
ENGINEER/GEOLOGIST: Ian MOORHEAD	Depth Date/Time	DATE COMPLETED: 05-04-04	
DRILLING METHODS: DIRECT-PUSH		PAGE 1 OF 1	

DEPTH (Ft)	SAMPLE TYPE & NO.	SAMPLER PER (PID)	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS Sample Id	(m)
5			100%	SAND, FINE-MEDIUM SAND 10% Subangular GRAVEL, POORLY GRADED, MOIST, Fe-Staining/oxidation, YELLOW-BROWN, NO ODOR FILL	SP				1.5
			100%						
	2.4	<1		-V. MOIST,				CC-01-2.4 0950	(2.4)
10	3.0	<1	100%	SATURATED SAND, FINE GRAINED, POORLY GRADED, WET, YELLOW-BROWN, NO ODOR -BECOMES GRAYISH-BROWN, NO ODOR	SP			CC-01-3.0 1000	3.0
	4.0	<1	100%	MERRIT SAND				CC-01-4.0 1015	(4.0)
15									4.5
				Continuous Sample with 4.0 Ft Core Barrel					
20				Total Depth: 14.0 Ft. (4.3m) Backfill: CEMENT					
				Note: Difficult to distinguish between fill soil and native SAND as the fill soil appeared to be derived from MERRIT SANDS					

NOTES:

Drilling Contractor PRECISION SAMPLING, INC.

Drilling Equipment GeoProbe Direct-Push

Driller: ERNESTO JASSO

243B-3-86

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 830714	PROJECT NAME: CHURCH'S CHICKEN (OAKLAND CA		
BORING NUMBER: CC-02	COORDINATES:	DATE: 05-04-2004	
ELEVATION:	GWL: Depth 9.0 Date/Time	DATE STARTED: 05-04-04	
ENGINEER/GEOLOGIST: Ian MOORHEAD	Depth Date/Time	DATE COMPLETED: 05-04-04	
DRILLING METHODS: DIRECT-PUSH		PAGE 1 OF 1	

DEPTH (ft)	SAMPLE TYPE & NO.	SAMPLER PER (AID)	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS Sample Id	(m)
5			100%	SAND, Fine Sand, 10% Subangular to Angular Gravel, Poorly Graded, Moist, Yellow-Brown	SP				
				NO ODOR					1.5
	2.4	<1	100%	-V. Moist					
				WET				CC-02-2.4 1040	(2.4)
10	3.0	<1	100%	-SATURATED at 10 ft. SAND, Fine Grained, Poorly Graded, Yellow-Brown, WET-Saturated, No odor (NEAR-NATIVE SAND)	SP			CC-02-3.0 1045	3.0
	4.0	<1	100%					CC-02-4.0 1100	(4.0)
15				CONTINUOUS Sample with 4.0 ft. Core Barrel.					4.5
20				Total Depth: 14.0 FT (4.3m) Backfill: CEMENT NOTE: Difficult to distinguish between fill and native NEAR-NATIVE SAND as fill seem to be drawn from NEAR-NATIVE SAND.					

NOTES:

Drilling Contractor: PRECISION SAMPLING, INC.

Drilling Equipment: GeoProbe Direct-Push

Driller: ERNESTO JASSO

243B-3-86

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 830714	PROJECT NAME: CHURCH'S CHICKEN (OAKLAND, CA)		
BORING NUMBER: CC-03	COORDINATES:		DATE: 05-04-2004
ELEVATION:	GWL: Depth 10.0 Date/Time		DATE STARTED: 05-04-04
ENGINEER/GEOLOGIST: Ian Mortensen	Depth Date/Time		DATE COMPLETED: 05-04-04
DRILLING METHODS: DIRECT-PUSH			PAGE 1 OF 1

DEPTH (Ft)	SAMPLE TYPE & NO.	SAMPLER PER (PID)	RECOVERY ( )	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS Sample Id	(m)
5			100%	SILTY SAND, Fine Sand w/ Silt, Angular GRAVEL Poorly Graded, Dry, Brick Fragments - Small Pieces of Cement, FILL	SM				1.5
	2.4	<1	100%	SAND, Fine Sand, Poorly Graded, V. Moist, Yellow-Brown,	SP				
				Sandy SILT, SILT w/ Fine Sand, 20% Angular Gravel, Dry, Plant Roots (Recent)	ML			CC-03-2.4 1140	(2.4)
10	3.0	<1	100%	SAND, Fine Sand, Poorly Graded, V. Moist Yellow-Brown, No ODOR. (SATURATED) MERRIT SAND	SP			CC-03-3.0 1155	3.0
	4.0	<1	100%					CC-03-4.0 1205	(4.0)
15									4.5
				CONTINUOUS CORE with 4.0 ft Core Barrel					
20				Total Depth: 14.0 Ft (4.3m) Backfill: Cement Note: Made 4 Attempts Refusal at 2-3 ft of FIRST 3 Attempts Due to Rocks / Red Bricks in Fill.					

NOTES:

Drilling Contractor: PRECISION SAMPLING, INC.

Drilling Equipment: GeoProbe Direct-Push

Driller: ERNESTO JASSO

243B-3-86

INTERNATIONAL TECHNOLOGY CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 830714	PROJECT NAME: CHURCH'S CHICKEN (OAKLAND CA)		
BORING NUMBER: CC-04	COORDINATES:		DATE: 05-04-2004
ELEVATION:	GWL: Depth ~ 11.0 Date/Time		DATE STARTED: 05-04-04
ENGINEER/GEOLOGIST: Ian Moorhead	Depth Date/Time		DATE COMPLETED: 05-04-04
DRILLING METHODS: DIRECT- PUSH			PAGE 1 OF 1

DEPTH (Ft)	SAMPLE TYPE & NO.	SAMPLER PER (PID)	RECOVERY ( )	DESCRIPTION	USCS SYMBOL	MEASURED CONSISTENCY (TSF)	WELL CONSTRUCTION	REMARKS
				Silty Sand, Fine Sand w/ Silt 20% Subangular Gravel, Dry	SM			Sample Id (ft)
5				Sand, Fine-med Sand, 10% Clay, Poorly Graded, 10% Subangular Gravel, Moist, Yellow-Brown FILL	SP			1.5
	2.4	32		Clayey Sand, Fine Sand w/ Clay (20%), Slightly Cohesive, Poorly Graded, Dark Grey, Moist, Hydrocarbon Odor	SC			CC-04-2.4 1210 (2.4)
10	3.0	750		Sand, Fine Sand, Poorly Graded, 10% Clay, Dark Grey, Strong Odor, Wet, Soil Stained Dark Grey. MERRIT SAND	SP			CC-04-3.0 1240 3.0 STRONG ODOR
	4.0	120						CC-04-4.0 (4.0)
15				Continuous Core with 4.0 ft Core Barrel. Hydrocarbon Odor from 7-14 ft.				4.5
20				Total Depth: 14.0 ft (4.3 m) Backfill: Cement				

NOTES:

Drilling Contractor: PRECISION SAMPLING, INC.

Drilling Equipment: GeoProbe Direct-Push

Driller: ERNESTO TASCO

243B-3-86

APPENDIX C
DRILLING AND SAMPLING PROCEDURES

Appendix C
Drilling and Sampling Procedures

The procedures used for drilling the borings and collecting soil samples are presented below.

- Drilling permits were obtained from the Alameda County Public Works Agency.

Drilling Procedures

- Four soil borings were advanced to a maximum depth of 4.3 meters (14.0 feet) below ground surface using direct-push drilling and sampling equipment. The soil borings were continuously cored from the ground surface to the total depth drilled.
- Drilling equipment was washed with a hot water pressure washer prior to drilling each boring.
- Soil descriptions, sample type and depth, and related drilling information were recorded on a boring log.

Soil Sampling Procedures

- Discreet soil samples were collected at depths of 2.4, 3.0 and 4.0 meters (7.9, 9.8, and 13.1 feet) below ground surface.
- Soil samples were collected with an approximate 5-centimeter-diameter (2-inch), 1.2-meter-long (4-foot) sample barrel lined with an acetate sleeve. The sample barrel was advanced in 1.2-meter (4-foot) increments using a Geoprobe® direct-push rig. The sample barrel was removed from the borehole after each 1.2-meter (4-foot) increment, and soil samples were retained by cutting an approximately 0.15-meter (6-inch) section of the acetate sleeve for each selected sample depth interval. The ends of the sample sleeve were covered with Teflon® film and immediately capped with PVC endcaps.
- Soil in the acetate sleeve was used to describe the lithology and measure VOC concentrations using a portable PID. The PID measurement was recorded on the boring log.
- Following soil sample collection, the borings were backfilled with cement grout mixture via a tremmie pipe from the bottom of the borehole to ground surface

Sample Retention and Analysis

- Chain-of-custody procedures, including the use of chain-of-custody forms, were used to document sample handling and transport from collection to delivery to the laboratory for analysis.

- Soil samples were placed on ice in an insulated chest and were delivered to the laboratory by Shaw personnel on the same day of sample collection. The samples were transported to the laboratory in a motor vehicle.
- Soil samples were labeled with the site location, boring number, and the sample collection depth. For example, "CC-01-2.4" represents Church's Chicken (CC), the first boring (01), sample collected at a depth of 2.4 meters (7.9 feet) below the ground surface.
- Laboratory quality assurance/quality control procedures are summarized below:
  - Method Blank Frequency = one per 20 samples
  - Matrix Spike/Matrix Spike Duplicate = one per 20 samples
  - Laboratory Control Sample/Laboratory Control Sample Duplicate = one per 20 samples

APPENDIX D
LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY FORMS

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Martha Adams
Shaw Environmental & Infrastructure
1326 N. Market Blvd.
Sacramento, CA 95834

Client	Shaw Environmental & Infrastructure
Workorder	16292 Church's Chicken
Received	05/05/04

The samples were received in EPA specified containers. The samples were transported and received under documented chain of custody and stored at four (4) degrees C until analysis was performed.

Sparger Technology, Inc. ID Suffix Keys - These descriptors will follow the Sparger Technology, Inc. ID numbers and help identify the specific sample and clarify the report.

DUP - Matrix Duplicate
MS - Matrix Spike
MSD - Matrix Spike Duplicate
LCS - Lab Control Sample
LCSD - Lab Control Sample Duplicate
RPD - Relative Percent Difference
QC - Additional Quality Control
DIL - Results from a diluted sample
ND - None Detected
RL - Reporting Limit

Note: In an effort to conserve paper, the results are printed on both sides of the paper.

Ray James
Laboratory Director

3050 Fite Circle, Suite 112 • Sacramento, California 95827 • (916) 362-8947 • FAX (916) 362-0947

Sparger Technology, Inc.
Environmental Laboratories

Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292001	**Received**	05/04/04
Sample ID	CC-01-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	**05/17/04**	**05/17/04**	**38**	**2.0**	**ug/kg**	**1:1**
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292001	**Received**	05/04/04
Sample ID	CC-01-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292001	**Received**	05/04/04
Sample ID	CC-01-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	50 ug/kg	100 %	(70 - 135)
Toluene d8	44 ug/kg	88 %	(70 - 135)
4-Bromofluorobenzene	48 ug/kg	96 %	(70 - 135)

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292002	**Received**	05/04/04
Sample ID	CC-01-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292002	**Received**	05/04/04
Sample ID	CC-01-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292002	**Received**	05/04/04
Sample ID	CC-01-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	50 ug/kg	100 %	(70 - 135)
Toluene d8	47 ug/kg	94 %	(70 - 135)
4-Bromofluorobenzene	50 ug/kg	100 %	(70 - 135)

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292003	**Received**	05/04/04
Sample ID	CC-01-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292003	**Received**	05/04/04
Sample ID	CC-01-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292003	**Received**	05/04/04
Sample ID	CC-01-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	49 ug/kg	98 %	(70 - 135)
Toluene d8	47 ug/kg	94 %	(70 - 135)
4-Bromofluorobenzene	50 ug/kg	100 %	(70 - 135)

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292004	**Received**	05/04/04
Sample ID	CC-02-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292004	**Received**	05/04/04
Sample ID	CC-02-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292004	**Received**	05/04/04
Sample ID	CC-02-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	49 ug/kg	98 %	(70 - 135)
Toluene d8	46 ug/kg	92 %	(70 - 135)
4-Bromofluorobenzene	49 ug/kg	98 %	(70 - 135)

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292005	**Received**	05/04/04
Sample ID	CC-02-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292005	**Received**	05/04/04
Sample ID	CC-02-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292005	**Received**	05/04/04
Sample ID	CC-02-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	51 ug/kg	102 %	(70 - 135)
Toluene d8	48 ug/kg	96 %	(70 - 135)
4-Bromofluorobenzene	49 ug/kg	98 %	(70 - 135)

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292006	**Received**	05/04/04
Sample ID	CC-02-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292006	**Received**	05/04/04
Sample ID	CC-02-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292006	**Received**	05/04/04
Sample ID	CC-02-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	50 ug/kg	100 %	(70 - 135)
Toluene d8	47 ug/kg	94 %	(70 - 135)
4-Bromofluorobenzene	49 ug/kg	98 %	(70 - 135)

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292007	**Received**	05/04/04
Sample ID	CC-03-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292007	**Received**	05/04/04
Sample ID	CC-03-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292007	**Received**	05/04/04
Sample ID	CC-03-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	49 ug/kg	98 %	(70 - 135)
Toluene d8	46 ug/kg	92 %	(70 - 135)
4-Bromofluorobenzene	49 ug/kg	98 %	(70 - 135)

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292008	**Received**	05/04/04
Sample ID	CC-03-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292008	**Received**	05/04/04
Sample ID	CC-03-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292008	**Received**	05/04/04
Sample ID	CC-03-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	48 ug/kg	96 %	(70 - 135)
Toluene d8	45 ug/kg	90 %	(70 - 135)
4-Bromofluorobenzene	48 ug/kg	96 %	(70 - 135)

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292009	**Received**	05/04/04
Sample ID	CC-03-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292009	**Received**	05/04/04
Sample ID	CC-03-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292009	**Received**	05/04/04
Sample ID	CC-03-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilutio
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	50 ug/kg	100 %	(70 - 135)
Toluene d8	46 ug/kg	92 %	(70 - 135)
4-Bromofluorobenzene	49 ug/kg	98 %	(70 - 135)

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292010	**Received**	05/04/04
Sample ID	CC-04-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	**05/17/04**	**05/17/04**	**43**	**2.0**	**ug/kg**	**1:1**
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	**05/17/04**	**05/17/04**	**110**	**2.0**	**ug/kg**	**1:1**
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292010	**Received**	05/04/04
Sample ID	CC-04-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292010	**Received**	05/04/04
Sample ID	CC-04-2.4	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	49 ug/kg	98 %	(70 - 135)
Toluene d8	47 ug/kg	94 %	(70 - 135)
4-Bromofluorobenzene	50 ug/kg	100 %	(70 - 135)

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292011	**Received**	05/04/04
Sample ID	CC-04-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	**05/17/04**	**05/17/04**	**43**	**2.0**	**ug/kg**	**1:1**
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	**05/17/04**	**05/17/04**	**110**	**2.0**	**ug/kg**	**1:1**
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292011	**Received**	05/04/04
Sample ID	CC-04-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	**05/17/04**	**05/17/04**	**3.6**	**2.0**	**ug/kg**	**1:1**
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	**05/17/04**	**05/17/04**	**3.1**	**2.0**	**ug/kg**	**1:1**

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292011	**Received**	05/04/04
Sample ID	CC-04-3.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	50 ug/kg	100 %	(70 - 135)
Toluene d8	48 ug/kg	96 %	(70 - 135)
4-Bromofluorobenzene	49 ug/kg	98 %	(70 - 135)

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292012	**Received**	05/04/04
Sample ID	CC-04-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Methyl iodide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292012	**Received**	05/04/04
Sample ID	CC-04-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
4-Methyl-2-pentanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,3Dichloropropene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Test Certificate of Analysis

Client ID	Shaw Environmental & Infrastructure	**Workorder ID**	Church's Chicken
Workorder #	16292	**Sampled**	05/04/04
Laboratory ID	16292012	**Received**	05/04/04
Sample ID	CC-04-4.0	**Reported**	05/21/04
Matrix	Soil		

8260B GC/MS Volatiles - 8260B (continued)

Parameter	Prep Date	Analyzed	Result	RL	Units	Dilution
1,2Dibromo3chloropropane	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	50 ug/kg	100 %	(70 - 135)
Toluene d8	48 ug/kg	96 %	(70 - 135)
4-Bromofluorobenzene	50 ug/kg	100 %	(70 - 135)

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Client ID Shaw Environmental & Infrastructure
Workorder # 16292 **Workorder ID** Church's Chicken

Parameter TPHdiesel
Method 8015M DHS

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
16292001	CC-01-2.4	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1
16292002	CC-01-3.0	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1
16292003	CC-01-4.0	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1
16292004	CC-02-2.4	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1
16292005	CC-02-3.0	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1
16292006	CC-02-4.0	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1
16292007	CC-03-2.4	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1
16292008	CC-03-3.0	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1
16292009	CC-03-4.0	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1
16292010	CC-04-2.4	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1
16292011	CC-04-3.0	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1
16292012	CC-04-4.0	ND	1.0	mg/Kg	05/04/04	05/12/04	Soil	1:1

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Client ID Shaw Environmental & Infrastructure
Workorder # 16292 **Workorder ID** Church's Chicken

Parameter TPHgas
Method 8015M DHS

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
16292001	CC-01-2.4	ND	1.0	mg/Kg	05/04/04	05/08/04	Soil	1:1
16292002	CC-01-3.0	ND	1.0	mg/Kg	05/04/04	05/08/04	Soil	1:1
16292003	CC-01-4.0	ND	1.0	mg/Kg	05/04/04	05/08/04	Soil	1:1
16292004	CC-02-2.4	ND	1.0	mg/Kg	05/04/04	05/08/04	Soil	1:1
16292005	CC-02-3.0	ND	1.0	mg/Kg	05/04/04	05/08/04	Soil	1:1
16292006	CC-02-4.0	ND	1.0	mg/Kg	05/04/04	05/08/04	Soil	1:1
16292007	CC-03-2.4	ND	1.0	mg/Kg	05/04/04	05/08/04	Soil	1:1
16292008	CC-03-3.0	ND	1.0	mg/Kg	05/04/04	05/08/04	Soil	1:1
16292009	CC-03-4.0	ND	1.0	mg/Kg	05/04/04	05/08/04	Soil	1:1
16292010	CC-04-2.4	ND	1.0	mg/Kg	05/04/04	05/08/04	Soil	1:1
16292011	CC-04-3.0	55	50	mg/Kg	05/04/04	05/08/04	Soil	1:50
16292012	CC-04-4.0	ND	1.0	mg/Kg	05/04/04	05/08/04	Soil	1:1

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Test Certificate of Analysis

Client ID Shaw Environmental & Infrastructure
Workorder # 16292 **Workorder ID** Church's Chicken

Parameter Oil and Grease
Method EPA 1664

Lab ID	Sample ID	Result	RL	Units	Collected	Analyzed	Matrix	Dilution
16292001	CC-01-2.4	ND	50	mg/Kg	05/04/04	05/10/04	Soil	1:1
16292002	CC-01-3.0	ND	50	mg/Kg	05/04/04	05/10/04	Soil	1:1
16292003	CC-01-4.0	160	50	mg/Kg	05/04/04	05/10/04	Soil	1:1
16292004	CC-02-2.4	60	50	mg/Kg	05/04/04	05/10/04	Soil	1:1
16292005	CC-02-3.0	ND	50	mg/Kg	05/04/04	05/10/04	Soil	1:1
16292006	CC-02-4.0	ND	50	mg/Kg	05/04/04	05/10/04	Soil	1:1
16292007	CC-03-2.4	ND	50	mg/Kg	05/04/04	05/10/04	Soil	1:1
16292008	CC-03-3.0	ND	50	mg/Kg	05/04/04	05/10/04	Soil	1:1
16292009	CC-03-4.0	ND	50	mg/Kg	05/04/04	05/10/04	Soil	1:1
16292010	CC-04-2.4	ND	50	mg/Kg	05/04/04	05/10/04	Soil	1:1
16292011	CC-04-3.0	ND	50	mg/Kg	05/04/04	05/10/04	Soil	1:1
16292012	CC-04-4.0	ND	50	mg/Kg	05/04/04	05/10/04	Soil	1:1

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Method Blank Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63451
Sample ID	MB for HBN 238471 [OGGV/1212]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Oil and Grease	EPA 1664	05/10/04	05/10/04	ND	50	mg/Kg	1:1

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Lab Control Sample Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63452
Sample ID	LCS for HBN 238471 [OGGV/1212]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Oil and Grease	EPA 1664	05/10/04	05/10/04	720	50	mg/Kg	1:1

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Lab Control Sample Duplicate Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63453
Sample ID	LCSD for HBN 238471 [OGGV/1212
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Oil and Grease	EPA 1664	05/10/04	05/10/04	740	50	mg/Kg	1:1

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Matrix Spike Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63454
Sample ID	MS for HBN 238471 [OGGV/1212]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Oil and Grease	EPA 1664	05/10/04	05/10/04	740	50	mg/Kg	1:1

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Matrix Spike Duplicate Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63455
Sample ID	MSD for HBN 238471 [OGGV/1212]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Oil and Grease	EPA 1664	05/10/04	05/10/04	760	50	mg/Kg	1:1

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Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63531
Sample ID	MB for HBN 238750 [SGXV/2106]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M DHS	05/12/04	05/12/04	ND	1.0	mg/Kg	1:1

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Lab Control Sample Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63532
Sample ID	LCS for HBN 238750 [SGXV/2106]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M DHS	05/12/04	05/12/04	41	1.0	mg/Kg	1:1

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Lab Control Sample Duplicate Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63533
Sample ID	LCSD for HBN 238750 [SGXV/2106
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M DHS	05/12/04	05/12/04	43	1.0	mg/Kg	1:1

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Matrix Spike Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63534
Sample ID	MS for HBN 238750 [SGXV/2106]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M DHS	05/12/04	05/12/04	38	1.0	mg/Kg	1:1

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Matrix Spike Duplicate Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63535
Sample ID	MSD for HBN 238750 [SGXV/2106]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHdiesel	8015M DHS	05/12/04	05/12/04	36	1.0	mg/Kg	1:1

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Method Blank Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63763
Sample ID	MB for HBN 239659 [VMXV/2430]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Dichlorodifluoromethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloromethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl chloride	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromomethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichlorofluoromethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrolein	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acetone	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Methyl iodide	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon disulfide	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dichloromethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Acrylonitrile	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
trans-1,2-Dichloroethene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-Dichloroethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Vinyl acetate	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,2-Dichloroethene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Butanone (MEK)	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromochloromethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chloroform	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2,2-dichloropropane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1-Trichloroethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1-dichloropropane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Carbon tetrachloride	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Benzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloroethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromomethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromodichloromethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichloropropane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Trichloroethene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chloroethylvinyl ether	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
cis-1,3-Dichloropropene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Methyl-2-pentanone	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63763
Sample ID	MB for HBN 239659 [VMXV/2430]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
trans-1,3Dichloropropene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2-Trichloroethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Toluene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dibromoethane (EDB)	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichloropropane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Hexanone	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Dibromochloromethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Tetrachloroethene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,1,2Tetrachloroethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Chlorobenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Ethylbenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
M+P-Xylene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromoform	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Styrene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
o-Xylene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,1,2,2Tetrachloroethane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichloropropane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Isopropylbenzene(Cumene)	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Bromobenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Propylbenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
2-Chlorotoluene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Chlorotoluene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3,5-Trimethylbenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
tert-Butylbenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trimethylbenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
sec-Butylbenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,3-Dichlorobenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,4-Dichlorobenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
4-Isopropyltoluene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2-Dichlorobenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
n-Butylbenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

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Method Blank Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63763
Sample ID	MB for HBN 239659 [VMXV/2430]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
(continued)							
1,2Dibromo3chloropropane	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,4-Trichlorobenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Naphthalene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
Hexachlorobutadiene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1
1,2,3-Trichlorobenzene	8260B	05/17/04	05/17/04	ND	2.0	ug/kg	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	47 ug/kg	94 %	(70 - 135)
Toluene d8	46 ug/kg	92 %	(70 - 135)
4-Bromofluorobenzene	50 ug/kg	100 %	(70 - 135)

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Lab Control Sample Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63764
Sample ID	LCS for HBN 239659 [VMXV/2430]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B	05/17/04	05/17/04	49.0	2.0	ug/kg	1:1
Benzene	8260B	05/17/04	05/17/04	53	2.0	ug/kg	1:1
Trichloroethene	8260B	05/17/04	05/17/04	54	2.0	ug/kg	1:1
Toluene	8260B	05/17/04	05/17/04	54	2.0	ug/kg	1:1
Chlorobenzene	8260B	05/17/04	05/17/04	57	2.0	ug/kg	1:1

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Lab Control Sample Duplicate Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63765
Sample ID	LCSD for HBN 239659 [VMXV/2430
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B	05/17/04	05/17/04	52.0	2.0	ug/kg	1:1
Benzene	8260B	05/17/04	05/17/04	57	2.0	ug/kg	1:1
Trichloroethene	8260B	05/17/04	05/17/04	58	2.0	ug/kg	1:1
Toluene	8260B	05/17/04	05/17/04	57	2.0	ug/kg	1:1
Chlorobenzene	8260B	05/17/04	05/17/04	60	2.0	ug/kg	1:1

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Matrix Spike Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63766
Sample ID	MS for HBN 239659 [VMXV/2430]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B	05/17/04	05/17/04	50.0	2.0	ug/kg	1:1
Benzene	8260B	05/17/04	05/17/04	55	2.0	ug/kg	1:1
Trichloroethene	8260B	05/17/04	05/17/04	57	2.0	ug/kg	1:1
Toluene	8260B	05/17/04	05/17/04	56	2.0	ug/kg	1:1
Chlorobenzene	8260B	05/17/04	05/17/04	60	2.0	ug/kg	1:1

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Matrix Spike Duplicate Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63767
Sample ID	MSD for HBN 239659 [VMXV/2430]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
1,1-Dichloroethene	8260B	05/17/04	05/17/04	44.0	2.0	ug/kg	1:1
Benzene	8260B	05/17/04	05/17/04	50	2.0	ug/kg	1:1
Trichloroethene	8260B	05/17/04	05/17/04	52	2.0	ug/kg	1:1
Toluene	8260B	05/17/04	05/17/04	51	2.0	ug/kg	1:1
Chlorobenzene	8260B	05/17/04	05/17/04	55	2.0	ug/kg	1:1

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Method Blank Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63846
Sample ID	MB for HBN 240456 [VGXV/2621]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015M DHS	05/08/04	05/08/04	ND	1.0	mg/Kg	1:1

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Lab Control Sample Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63847
Sample ID	LCS for HBN 240456 [VGXV/2621]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015M DHS	05/08/04	05/08/04	ND	1.0	mg/Kg	1:1

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Lab Control Sample Duplicate Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63848
Sample ID	LCSD for HBN 240456 [VGXV/2621
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015M DHS	05/08/04	05/08/04	1.0	1.0	mg/Kg	1:1

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Matrix Spike Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63849
Sample ID	MS for HBN 240456 [VGXV/2621]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015M DHS	05/08/04	05/08/04	ND	1.0	mg/Kg	1:1

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Matrix Spike Duplicate Report

Client ID	Shaw Environmental & Infrastructure
Workorder ID	Church's Chicken
Laboratory ID	63850
Sample ID	MSD for HBN 240456 [VGXV/2621]
Matrix	Soil

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015M DHS	05/08/04	05/08/04	ND	1.0	mg/Kg	1:1

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QC SUMMARY

Client ID Shaw Environmental & Infrastructure
Workorder ID Church's Chicken
QC Batch OGGX 1257
Matrix Soil

Original Samples 16292001
Matrix Spike [63454]
Matrix Spike Duplicate [63455]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Oil and Grease	92	95	(65-135)	3.2	(20 MAX)

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QC SUMMARY

Client ID	Shaw Environmental & Infrastructure		
Workorder ID	Church's Chicken		
QC Batch	SGX 2142	**Original**	16292001
Matrix	Soil	**Samples**	Matrix Spike [63534]
			Matrix Spike Duplicate [63535]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHdiesel	76	72	(65-135)	5.4	(20 MAX)

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QC SUMMARY

Client ID Shaw Environmental & Infrastructure
Workorder ID Church's Chicken
QC Batch VMX 2481
Matrix Soil

Original Samples 16292001
Matrix Spike [63766]
Matrix Spike Duplicate [63767]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
1,1-Dichloroethene	100	88	(59-172)	13	(22 MAX)
Benzene	110	100	(62-142)	9.5	(24 MAX)
Trichloroethene	114	104	(60-137)	9.2	(21 MAX)
Toluene	112	102	(59-139)	9.3	(21 MAX)
Chlorobenzene	120	110	(66-133)	8.7	(21 MAX)

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QC SUMMARY

Client ID	Shaw Environmental & Infrastructure		
Workorder ID	Church's Chicken		
QC Batch	VGX 2734	**Original**	16292001
Matrix	Soil	**Samples**	Matrix Spike [63849]
			Matrix Spike Duplicate [63850]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	80	82	(65-135)	2.5	(20 MAX)

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QC SUMMARY

Client ID Shaw Environmental & Infrastructure
Workorder ID Church's Chicken
QC Batch OGGX 1257
Matrix Soil

Samples Lab Control Sample [63452]
Lab Control Sample Duplicate [63453]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Oil and Grease	90	92	(65-135)	2.2	(20 MAX)

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QC SUMMARY

Client ID Shaw Environmental & Infrastructure
Workorder ID Church's Chicken
QC Batch SGX 2142
Matrix Soil

Samples Lab Control Sample [63532]
Lab Control Sample Duplicate [63533]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHdiesel	82	86	(65-135)	4.8	(20 MAX)

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QC SUMMARY

Client ID Shaw Environmental & Infrastructure
Workorder ID Church's Chicken
QC Batch VMX 2481
Matrix Soil

Samples Lab Control Sample [63764]
Lab Control Sample Duplicate [63765]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
1,1-Dichloroethene	98	104	(59-172)	5.9	(22 MAX)
Benzene	106	114	(62-142)	7.3	(24 MAX)
Trichloroethene	108	116	(60-137)	7.1	(21 MAX)
Toluene	108	114	(59-139)	5.4	(21 MAX)
Chlorobenzene	114	120	(66-133)	5.1	(21 MAX)

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Scientific Division

QC SUMMARY

Client ID Shaw Environmental & Infrastructure
Workorder ID Church's Chicken
QC Batch VGX 2734
Matrix Soil

Samples Lab Control Sample [63847]
Lab Control Sample Duplicate [63848]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	89	101	(65-135)	13	(20 MAX)

3050 Fite Circle, Suite 112 • Sacramento, California 95827 • (916) 362-8947 • FAX (916) 362-0947

WORKORDER DATA SHEET
May 05, 2004 08:26

ID	16292	WO # 16292	Church's Chicken		STATUS WP
DESC	A-5D				
	CREATED	05/05/04 08:19	PO 830714	QA	TYPE CM	ACODE REPORT_WO
	CLIENT	Shaw Shaw Environmental & Infrastructure			
	PROFILE	10710 Commercial Non-Caltrans Commercial			

WORKORDER SAMPLES

1 **16292001** 16292001 CC-01-2.4

WP	TYPE SAMPLE	MATRIX	Soil
COLLECTED	05/04/04 09:50	DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

2 **16292002** 16292002 CC-01-3.0

WP	TYPE SAMPLE	MATRIX	Soil
COLLECTED	05/04/04 10:00	DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

3 **16292003** 16292003 CC-01-4.0

WP	TYPE SAMPLE	MATRIX	Soil
COLLECTED	05/04/04 10:15	DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

4 **16292004** 16292004 CC-02-2.4

WP	TYPE SAMPLE	MATRIX	Soil
COLLECTED	05/04/04 10:40	DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

WORKORDER DATA SHEET
May 05, 2004 08:26

5	**16292005**	16292005	CC-02-3.0		
	WP	TYPE SAMPLE		MATRIX	Soil
	COLLECTED	05/04/04 10:50		DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

6	**16292006**	16292006	CC-02-4.0		
	WP	TYPE SAMPLE		MATRIX	Soil
	COLLECTED	05/04/04 11:00		DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

7	**16292007**	16292007	CC-03-2.4		
	WP	TYPE SAMPLE		MATRIX	Soil
	COLLECTED	05/04/04 11:40		DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

8	**16292008**	16292008	CC-03-3.0		
	WP	TYPE SAMPLE		MATRIX	Soil
	COLLECTED	05/04/04 11:55		DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

9	**16292009**	16292009	CC-03-4.0		
	WP	TYPE SAMPLE		MATRIX	Soil
	COLLECTED	05/04/04 12:05		DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

WORKORDER DATA SHEET
May 05, 2004 08:26

10 **16292010** 16292010 CC-04-2.4

WP	TYPE SAMPLE	MATRIX	Soil
COLLECTED	05/04/04 12:30	DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

11 **16292011** 16292011 CC-04-3.0

WP	TYPE SAMPLE	MATRIX	Soil
COLLECTED	05/04/04 12:40	DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

12 **16292012** 16292012 CC-04-4.0

WP	TYPE SAMPLE	MATRIX	Soil
COLLECTED	05/04/04 12:50	DUE	05/18/04 17:00

Analyses		Turndays
8015M_D S	TPHdiesel Soil	10
8015M_G S	TPH Gas SOIL	10
8260 SOIL	8260B GCMS VOLATILES SOIL	10
1664S	Oil and Grease by 1664, Soil	10

SPARGI TECHNOLOGY, INC. ASD

Analytical Laboratory

3050 Fite Circle, #112 Sacramento, CA 95827

Phone: (916) 362-8947

FAX: (916) 362-0947

CHAIN OF CUSTODY RECORD

C.O.C. No. 23997

Page 1 **of** 2

STAL Invoice Number:

Company: SHAW E + I Phone: 916-565-4183

Project Manager: MARTHA ADAMS FAX: 916-565-4356

Report Address:
SHAW E+I
1326 N. Market Blvd.
Sacramento, CA 95834

Billing Name & Address:

Project Name: CHURCH'S CHICKEN

Project/Job#: 830714

Project Location: 7th Street, OAKLAND, CA

P.O.#:

ANALYSIS REQUEST

REMARKS: 1) EPA 8015 : TPHgas, TPHdiesel
2) Oil & Grease : EPA 1664
3) VOCs : EPA 8260

Sampler's Name: Tim Moorhead (SHAW)

		All OK	None OK	Some OK
Cooler Temp.	°C			
Sample Condition				
pH				

WET(STLC)

TCLP

TCLP

Total

TAT

NO.	SAMPLE ID	Sampling: Date	Sampling: Time	Container: 40 mL VOA	Container: Brass Sleeve	Container: 1 L amber bottle	Container: 250 mL Plastic	Container: Other: Acetate Sleeve	Preservative Used: HCl/HNO3/ICE	Preservative Used: None	Preservative Used: Other: Ice / Cooler	Matrix: Water	Matrix: Soil	Matrix: Air	Matrix: Other:	BTEX (602/8020)503.1	~~BTEX~~ TPHgas (~~602/8020~~/8015) MTBE	TPHdiesel ~~TPH motor oil/kerosene~~ (8015)	EPA 601/8010/502.2/504/8021	EPA 602/8020	EPA 608/8080 (Pesticides)/505/508	EPA 608/8080 (PCB'S)	EPA ~~624/8240/524.2~~ (8260) : VOCs	EPA 625/8270/525	Total Oil & Grease ~~(5520)~~ (1664)	Non-Polar O & G/TRPH (418.1)	Organic Lead	RCI	CAM-17 Metals	CAM-5 Metals (Cd, Cr, Pb, Ni, Zn)	Lead	TAT: Standard	TAT: Rush Services (72hr / 48hr / 24hr / 12hr)	TAT: Holiday/Weekend Rush
1	CC-01-2.4	05/04	0950					X			X		X				X	X					X		X							X		
2	CC-01-3.0	↓	1000					X			X		X				X	X					X		X							X		
3	CC-01-4.0	↓	1015					X			X		X				X	X					X		X							X		
4	CC-02-2.4	05/04	1040					X			X		X				X	X					X		X							X		
5	CC-02-3.0	↓	1050					X			X		X				X	X					X		X							X		
6	CC-02-4.0	↓	1100					X			X		X				X	X					X		X							X		
7	CC-03-2.4	↓	1140					X			X		X				X	X					X		X							X		
8	CC-03-3.0	↓	1155					X			X		X				X	X					X		X							X		
9	CC-03-4.0	↓	1205					X			X		X				X	X					X		X							X		
10																																		

Relinquished by:	Received by:	Relinquished by:	Received by:
Date: 05/04/04 Time: 1500	Date: 5/4/04 Time: 1515	Date: Time:	Date: Time:

PLEASE READ REVERSE SIDE FOR TERMS AND CONDITIONS

TERMS AND CONDITIONS OF SALE
SPARGER TECHNOLOGY, INC.

1. DEFINITIONS

1.1 "Acceptance" of a sample means the determination of Sparger to proceed with work following receipt and inspection of such sample.

1.2 "Client" means the individual or entity who may request laboratory, consulting, or sampling services, and his or its heirs, successors, assigns and representatives.

1.3 "Sparger" means Sparger Technology, Inc., its divisions and its employees, servants, agents and representatives.

1.4 "Price List" means Sparger's standard price schedule as such document may be amended from time to time by Sparger.

1.5 "Results" means either data generated by Sparger from the analysis of one or more samples or the work product generated by Sparger in the performance of consulting services.

1.6 "Terms and Conditions" means these Terms and Conditions of Sale, including the Price List, and any additions or amendments hereto which are agreed to in writing by Sparger as provided in Section 7.1.

2. ORDERS

2.1 The Client may order services by submitting a written Chain of Custody/Work Order to Sparger by placing a telephone order which will be subsequently confirmed in writing, or by negotiated contract. Any such order constitutes a) an acceptance by the Client of Sparger's offer to do business with the Client under these Terms and Conditions, and b) an agreement to be bound by these Terms and Conditions. The Client's delivery of samples to Sparger or initiation of consulting services constitutes the Client's express assent to be governed by these Terms and Conditions. Sparger reserves the right to refuse to proceed with work at any time based upon an unfavorable Client credit analysis.

2.2 Any order placed by the Client under Section 2.1 is subject to a minimum cancellation charge of $250.

3. PAYMENT TERMS

3.1 Services performed by Sparger will be in accordance with prices quoted and later confirmed in writing or as stated on the Price List, which prices are subject to change periodically without notice. The Client should confirm with Sparger the current price prior to placing an order for work.

3.2 Payment terms are net 30 days from the date of invoice by Sparger. All overdue payments are subject to an additional interest and service charge of one and one-half percent (1.5%) per month or portion thereof from the due date until the date of payment. Failure to pay for services will result in collection or attorney fees paid by client. All payments shall be made in United States currency.

3.3 The prices stated on the Price List do not include any sales, use or other taxes unless specifically stated. Such taxes will be added to invoice prices when required.

4. RECEIPT OF SAMPLES AND DELIVERY OF SERVICES

4.1 Prior to Sparger's Acceptance of any sample (or after any revocation of Acceptance), the entire risk of loss of or damage to such sample will remain with the Client. In no event will Sparger have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from Sparger's premises.

4.2 Sparger reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to Accept, or revoke Acceptance of any sample which in the sole judgment of Sparger a) is of unsuitable volume, or b) may be or become unsuitable for, or may pose a risk in, handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance and whether or not such presence has been disclosed to Sparger by the Client.

4.3 Where applicable, Sparger will use analytical methodologies which are in substantial conformity with U.S. Environmental Protection Agency (EPA), State agency, American Society for Testing Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the Examination of Water and Wastewater, or other recognized methodologies. Sparger reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample or otherwise based on the reasonable judgment of Sparger, which deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or Sparger's Standard Operating Procedures.

4.4 Upon timely delivery of samples, Sparger will use its best efforts to comply with storage, processing and analytical holding time limits as set forth in applicable EPA or state guidelines or otherwise requested by the Client or set forth on the Price List. However, unless specifically made part of a written agreement between Sparger and the Client, such time limits cannot be guaranteed. Unless specifically indicated on the Price List or expressly made part of a written agreement between Sparger and the Client, analytical turnaround times are not guaranteed.

4.5 At Sparger's sole discretion, verbal Results may be given in advance of the written report of Results. Such verbal Results are tentative Results only, subject to confirmation or change based on Sparger's standard quality assurance review procedures.

4.6 Sparger reserves the right to subcontract services ordered by the Client to another laboratory or laboratories if in Sparger's sole judgment it is reasonably necessary, appropriate or advisable to do so. Sparger will in no way be liable for any subcontracted services except as specifically provided in Section 5.

5. WARRANTIES, LIABILITY AND INDEMNIFICATION

5.1 Sparger warrants only that its services will fulfill obligations set forth in Sections 4.3 and 4.4 hereof. This warranty is the sole and exclusive warranty given by Sparger in connection with any services performed by Sparger or any Results generated from such services, and Sparger gives and makes no other representation or warranty of any kind, express or implied. No representative of Sparger is authorized to give or make any other representation or warranty or modify this warranty in any way.

5.2 The liability and obligations of Sparger, and the remedies of the Client in connection with any services performed by Sparger will be limited to repeating the services performed or, at the sole option of Sparger, refunding in full or in part fees paid by the Client for such services. Sparger's obligation to repeat any services with respect to any sample will be contingent on the Client's providing, at the request of Sparger and at the Client's expense, an additional sample if necessary. Any reanalysis generating Results consistent with the original Results will be at the Client's expense. Except as otherwise specifically provided herein, Sparger shall have no liability, obligation or responsibility of any kind for any losses, costs, expenses or other damages (including but not limited to any special, indirect, incidental or consequential damages) for any representation or warranty of any kind with respect to Sparger's services or Results.

5.3 In no event shall Sparger have any responsibility or liability to the Client for any failure or delay in performance by Sparger which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of Sparger. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any governmental authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain from Sparger's usual sources sufficient services or supplies, or any other cause beyond Sparger's reasonable control.

5.4 All results provided by Sparger are strictly for the use of its Clients, and Sparger is in no way responsible for use of such Results by Clients or third parties. All Results should be considered in their entirety, and Sparger is in no way responsible for the separation, detachment, or other use of any portion of the Results.

5.5 The Client represents and warrants that any sample delivered to Sparger will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by the Client. The Client further warrants that any sample containing any hazardous substances which is to be delivered to Sparger's premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

5.6 The Client shall indemnify and hold harmless Sparger from and against any and all claims, suits, judgments, damages, losses, liabilities, expenses, payments, taxes, duties, fines and/or other costs (including but not limited to liability to a third party) arising out of a) the presence of hazardous substances in any sample of the Client regardless of the Client's compliance with paragraph 5.5 hereof, b) accidents occurring during the transport of any sample of the Client, c) events or delays caused by the Client or otherwise beyond Sparger's control, or d) negligence by the Client in the use, evaluation, or application of Results provided by Sparger.

6. ENTIRE AGREEMENT; SEVERABILITY

6.1 These Terms and Conditions, together with any additions or revisions which may be agreed to in writing by Sparger as provided in Section 7.1, embodies the whole agreement of the parties. There are no promises, terms, conditions, understandings, obligations or agreements other than those contained herein, unless made in accordance with Section 7.1; and these Terms and Conditions shall supersede all previous communications, representations, or agreements, either verbal or written, between the Client and Sparger. Sparger specifically rejects all additional inconsistent or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to Sparger.

6.2 The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of these Terms and Conditions, the intent of the parties being that the provisions be severable.

7. AMENDMENTS AND WAIVERS

7.1 Sparger shall not be subject to or bound by any provision, term or condition which is in addition to or inconsistent or conflicting with these Terms and Conditions. Sparger shall not be deemed to have amended or waived any provision, term or condition, or to have given any required consent or approval, or to have waived any breach by the Client of any of these Terms and Conditions, unless specifically set forth in writing and executed on behalf of Sparger by a duly authorized officer. No other employee, servant, agent or representative of Sparger has any authority whatsoever to add to, delete, alter or vary any of these Terms and Conditions in any manner, or to give any consent, approval or waiver, and Sparger shall not be bound by any such purported addition, deletion, alteration, variation, consent, approval or waiver.

7.2 No waiver by Sparger of any provision, term or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of the Client.

8. GOVERNING LAW

8.1 These Terms and Condition, and any transactions or agreements to which they apply, shall be governed both as to interpretation and performance by the laws of the state in which management of the subject project is performed.

SPARGE TECHNOLOGY, INC. ASD

Analytical Laboratory

3050 Fite Circle, #112 Sacramento, CA 95827

Phone: (916) 362-8947

FAX: (916) 362-0947

CHAIN OF CUSTODY RECORD

C.O.C. No. 23996

Page 2 **of** 2

STAL Invoice Number:

Company: SHAW Environmental Phone: 916-565-4183

Project Manager: MARTHA ADAMS FAX: 916-565-4356

Report Address:
SHAW E + I
1326 N. Market Blvd.
Sacramento, CA 95834

Billing Name & Address:

Project Name: Chuach's Chicken Project/Job#: 830714

Project Location: 7th Street, OAKLAND CA P.O.#:

ANALYSIS REQUEST

REMARKS: 1. TPHgas : 8015
2. TPHdiesel: EPA 8015.
3. O:I + Grease: EPA 1664
4. VOCs: EPA 8260

Sampler's Name: Ian MOORHEAD (SHAW)

		All OK	None OK	Some OK
Cooler Temp.	°C			
Sample Condition				
pH				

WET(STLC)

TCLP

Total

NO.	SAMPLE ID	Sampling: Date	Sampling: Time	Container: 40 mL VOA	Container: Brass Sleeve	Container: 1 L amber bottle	Container: 250 mL Plastic	Container: Other: Acetate Sleeve	Preservative Used: HCl/HNO3/ICE	Preservative Used: None	Preservative Used: Other: Ice/Gold	Matrix: Water	Matrix: Soil	Matrix: Air	Matrix: Other:	TCLP: BTEX (602/8020)503.1	TCLP: ~~BTEX~~/TPHgas (~~602/8020~~/8015) MTBE	TCLP: TPHdiesel (~~TPH motor oil/kerosene~~(8015)	TCLP: EPA 601/8010/502.2/504/8021	TCLP: EPA 602/8020	TCLP: EPA 608/8080 (Pesticides)/505/508	TCLP: EPA 608/8080 (PCB'S)	TCLP: EPA ~~624/8240/524.2~~/8260 : VOCs	TCLP: EPA 625/8270/525	TCLP: Total Oil & Grease (~~5520~~)(1664)	TCLP: Non-Polar O & G/TRPH (418.1)	TCLP: Organic Lead	TCLP: RCI	Total: CAM-17 Metals	Total: CAM-5 Metals (Cd, Cr, Pb, Ni, Zn)	Total: Lead	TAT: Standard	TAT: Rush Services (72hr / 48hr / 24hr / 12hr)	TAT: Holiday/Weekend Rush
1	CC-04-2.4	05/04	1230					X			X		X				X	X					X		X							X		
2	CC-04-3.0	↓	1240					X			X		X				X	X					X		X							X		
3	CC-04-4.0	↓	1250					X			X		X				X	X					X		X							X		
4																																		
5																																		
6																																		
7																																		
8																																		
9																																		
10																																		

Relinquished by:	Received by:	Relinquished by:	Received by:
Date: 05/04/04 Time: 1515	Date: 5/4/04 Time: 1515	Date: Time:	Date: Time:

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4.2 Sparger reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to Accept, or revoke Acceptance of any sample which in the sole judgment of Sparger a) is of unsuitable volume, or b) may be or become unsuitable for, or may pose a risk in, handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance and whether or not such presence has been disclosed to Sparger by the Client.

4.3 Where applicable, Sparger will use analytical methodologies which are in substantial conformity with U.S. Environmental Protection Agency (EPA), State agency, American Society for Testing Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the Examination of Water and Wastewater, or other recognized methodologies. Sparger reserves the right to deviate from these methodologies if necessary or appropriate due to the nature or composition of the sample or otherwise based on the reasonable judgment of Sparger, which deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or Sparger's Standard Operating Procedures.

4.4 Upon timely delivery of samples, Sparger will use its best efforts to comply with storage, processing and analytical holding time limits as set forth in applicable EPA or state guidelines or otherwise requested by the Client or set forth on the Price List. However, unless specifically made part of a written agreement between Sparger and the Client, such time limits cannot be guaranteed. Unless specifically indicated on the Price List or expressly made part of a written agreement between Sparger and the Client, analytical turnaround times are not guaranteed.

4.5 At Sparger's sole discretion, verbal Results may be given in advance of the written report of Results. Such verbal Results are tentative Results only, subject to confirmation or change based on Sparger's standard quality assurance review procedures.

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5. WARRANTIES, LIABILITY AND INDEMNIFICATION

5.1 Sparger warrants only that its services will fulfill obligations set forth in Sections 4.3 and 4.4 hereof. This warranty is the sole and exclusive warranty given by Sparger in connection with any services performed by Sparger or any Results generated from such services, and Sparger gives and makes no other representation or warranty of any kind, express or implied. No representative of Sparger is authorized to give or make any other representation or warranty or modify this warranty in any way.

5.2 The liability and obligations of Sparger, and the remedies of the Client in connection with any services performed by Sparger will be limited to repeating the services performed or, at the sole option of Sparger, refunding in full or in part fees paid by the Client for such services. Sparger's obligation to repeat any services with respect to any sample will be contingent on the Client's providing, at the request of Sparger and at the Client's expense, an additional sample if necessary. Any reanalysis generating Results consistent with the original Results will be at the Client's expense. Except as otherwise specifically provided herein, Sparger shall have no liability, obligation or responsibility of any kind for any losses, costs, expenses or other damages (including but not limited to any special, indirect, incidental or consequential damages) for any representation or warranty of any kind with respect to Sparger's services or Results.

5.3 In no event shall Sparger have any responsibility or liability to the Client for any failure or delay in performance by Sparger which results, directly or indirectly, in whole or in part, from any cause or circumstance beyond the reasonable control of Sparger. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any governmental authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain from Sparger's usual sources sufficient services or supplies, or any other cause beyond Sparger's reasonable control.

5.4 All results provided by Sparger are strictly for the use of its Clients, and Sparger is in no way responsible for use of such Results by Clients or third parties. All Results should be considered in their entirety, and Sparger is in no way responsible for the separation, detachment, or other use of any portion of the Results.

5.5 The Client represents and warrants that any sample delivered to Sparger will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by the Client. The Client further warrants that any sample containing any hazardous substances which is to be delivered to Sparger's premises will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

5.6 The Client shall indemnify and hold harmless Sparger from and against any and all claims, suits, judgments, damages, losses, liabilities, expenses, payments, taxes, duties, fines and/or other costs (including but not limited to liability to a third party) arising out of a) the presence of hazardous substances in any sample of the Client regardless of the Client's compliance with paragraph 5.5 hereof, b) accidents occurring during the transport of any sample of the Client, c) events or delays caused by the Client or otherwise beyond Sparger's control, or d) negligence by the Client in the use, evaluation, or application of Results provided by Sparger.

6. ENTIRE AGREEMENT; SEVERABILITY

6.1 These Terms and Conditions, together with any additions or revisions which may be agreed to in writing by Sparger as provided in Section 7.1, embodies the whole agreement of the parties. There are no promises, terms, conditions, understandings, obligations or agreements other than those contained herein, unless made in accordance with Section 7.1; and these Terms and Conditions shall supersede all previous communications, representations, or agreements, either verbal or written, between the Client and Sparger. Sparger specifically rejects all additional inconsistent or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to Sparger.

6.2 The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of these Terms and Conditions, the intent of the parties being that the provisions be severable.

7. AMENDMENTS AND WAIVERS

7.1 Sparger shall not be subject to or bound by any provision, term or condition which is in addition to or inconsistent or conflicting with these Terms and Conditions. Sparger shall not be deemed to have amended or waived any provision, term or condition, or to have given any required consent or approval, or to have waived any breach by the Client of any of these Terms and Conditions, unless specifically set forth in writing and executed on behalf of Sparger by a duly authorized officer. No other employee, servant, agent or representative of Sparger has any authority whatsoever to add to, delete, alter or vary any of these Terms and Conditions in any manner, or to give any consent, approval or waiver, and Sparger shall not be bound by any such purported addition, deletion, alteration, variation, consent, approval or waiver.

7.2 No waiver by Sparger of any provision, term or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of the Client.

8. GOVERNING LAW

8.1 These Terms and Condition, and any transactions or agreements to which they apply, shall be governed both as to interpretation and performance by the laws of the state in which management of the subject project is performed.