

TABLE 1
SUMMARY OF FIELD SCREENING RESULTS FOR SOIL
CHARLIE HODGES STORE
100 WEST U.S. HIGHWAY 158
STATE PROJECT NO. 8.T020401 (R-2414B)

SAMPLE DEPTH BELOW GRADE	OVA READING (PPM)				
	GP-1F	GP-2F	GP-3F	GP-4F	GP-5F
0.0-0.6 m (0.0-2.0 ft)	5.8	1.2	2.7	80	45
0.6-1.2 m (2.0-4.0 ft)	9.8	1.4	2.4	92	>1000
1.2-1.8 m (4.0-6.0 ft)	4.8	1.6	3.2	72	920
1.8-2.4 m (6.0-8.0 ft)	1.8	1.6	2.6	50	220

Notes:

1. OVA readings were obtained with a Foxboro Century Model 108 Organic Vapor Analyzer (OVA).
2. Background OVA reading = 1.0 ppm
3. Samples denoted by shaded cells were submitted for laboratory analysis.

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS
CHARLIE HODGES STORE
100 WEST U.S. HIGHWAY 158
STATE PROJECT NO. 8.T020401 (R-2414B)

SAMPLE INFORMATION		TOTAL PETROLEUM HYDROCARBONS	
SAMPLE LOCATION	DEPTH (m BGS)	GASOLINE RANGE ¹ (mg/kg)	DIESEL RANGE ² (mg/kg)
GP-1F	0.6 - 1.2	<1.0	<10
GP-2F	0.6 - 1.2	<1.0	<10
GP-4F	0.6 - 1.2	<1.0	<10
GP-5F	0.6 - 1.2	3.3	12

Notes:

1. Total Petroleum Hydrocarbons (TPH) Method 5030 - Gasoline Range Hydrocarbons
2. Total Petroleum Hydrocarbons (TPH) Method 3550 - Diesel Range Hydrocarbons

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
CHARLIE HODGES STORE
100 WEST U.S. HIGHWAY 158
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ANALYTE	GW-1F (µg/L)	2L GROUNDWATER STANDARD (µg/L)
<i>Volatile Organic Compounds (VOCs) - EPA METHOD 8260B+IPE+MTBE</i>		
Benzene	4200	1
Ethylbenzene	1500	29
MTBE	380	200
Naphthalene	300	21
Total Xylenes	260	530
<i>Semi-Volatile Organic Compounds (SVOCs) - EPA METHOD 8270C</i>		
Naphthalene	190	21
2-Methylnaphthalene	40	28

Notes:

1. Only VOCs detected above the method detection limit are reported in the table.
2. Shaded concentrations exceed the 15A NCAC 2L Groundwater Quality Standard.