

# SEYMOUR ENVIRONMENTAL SERVICES, INC.

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P.O. Box 398, 2531 Dyreson Road, McFarland, Wisconsin 53558  
Telephone: 608-838-9120 Fax: 608-838-9121

July 11, 2016

Mr. Wendell Wojner  
Department of Natural Resources  
3911 Fish Hatchery Road  
Madison, Wisconsin 53711

Re: Work Plan for Environmental Investigation  
Former Brunker Property  
1257 Highway BB  
Deerfield, Wisconsin 53531

Dear Mr. Wojner:

Seymour Environmental Services, Inc. (Seymour) is pleased to present this plan to conduct an environmental investigation of former leaking tanks at the above referenced property. John Brunker retained Seymour Environmental Services, Inc. (Seymour) to coordinate tank removal and conduct a tank removal assessment at his property located at 1257 Highway BB (Figure 1).

The site was previously a service station and there is no record of tank removal. John Brunker suspected that the tanks were still in the ground and he noticed an unusual odor in his drinking water from his private well. Mr. Brunker contacted Adam Hogan with the Wisconsin Department of Natural Resources Drinking Water Section who sampled his well. The results indicated that his water was not contaminated by volatile organic compounds.

## **Summary of Previous Findings**

Seymour staff went to the site with a magnetic locator and uncovered piping which appeared to be for fuel tanks. We then returned to the site with JEPA Construction and discovered and removed two underground storage tanks. The results of the assessment samples indicate that the tanks did not contaminate the soil above the allowable limits.

Two tanks were discovered at the site. The first tank was a 225-gallon gasoline tank which was rusted and had many holes. The second tank was a 550-gallon gasoline tank in good condition. Soil samples were collected beneath the center of the 225-gallon tank and from either end of the 550-gallon tank and beneath the piping. The sample results show that the soil does not contain any GRO above the allowable residual contaminant levels. One sample contained benzene above an RCL. The results are summarized on the attached table and the sampling locations are shown on Figure 1.

## **Project Information**

### *Property Owner*

Jose Fragoso  
1257 Highway BB  
Deerfield, Wisconsin 53531

### *Consultant*

Seymour Environmental Services, Inc.  
2531 Dyreson Road  
P.O. Box 398  
McFarland, Wisconsin 53558-0398  
Contact: Robyn Seymour (608) 838-9120

### *Tank Removal Company*

JEPA Construction  
4915 Voges Road  
Madison, Wisconsin 53718  
Contact: Jeff Hempel (608)-222-7918

### *Analytical Laboratory*

Pace Analytical  
1241 Bellevue Street  
Green Bay, Wisconsin 54302  
Contact: Dan Milewsky (800) 736-2436

## **Tank History**

The two tanks were at the site because it was formerly a service station. The date of installation is unknown.

## **Site Characteristics**

The site slopes to the east toward Oak Park Road. The surface water would run down Highway BB to the intersection with Oak Park Road. The site is in a glaciated region with drumlins, the soil is Dodge silt loam. Groundwater is expected to be present approximately 35 feet below the surface.

## **Proposed Assessment Activities**

We will install soil borings around the former piping to attempt to define the depth and extent of the soil contamination. Borings will be installed near the location of sample #2. The borings will be installed with a Geoprobe™ drill rig.

We will also install step out borings as needed and will submit up to two soil samples from each location for laboratory analysis of petroleum volatile organic compounds plus naphthalene. The borings will be properly abandoned to prevent providing a conduit. A report will be prepared describing the results of the assessment. The report will describe the work conducted and include maps showing the extent of soil contamination identified. If sampling shows that the soil contamination is limited in volume we will recommend site closure. If sampling shows that the contamination is widespread or significantly worse than environmental standards we will submit the report with recommendations for additional work.

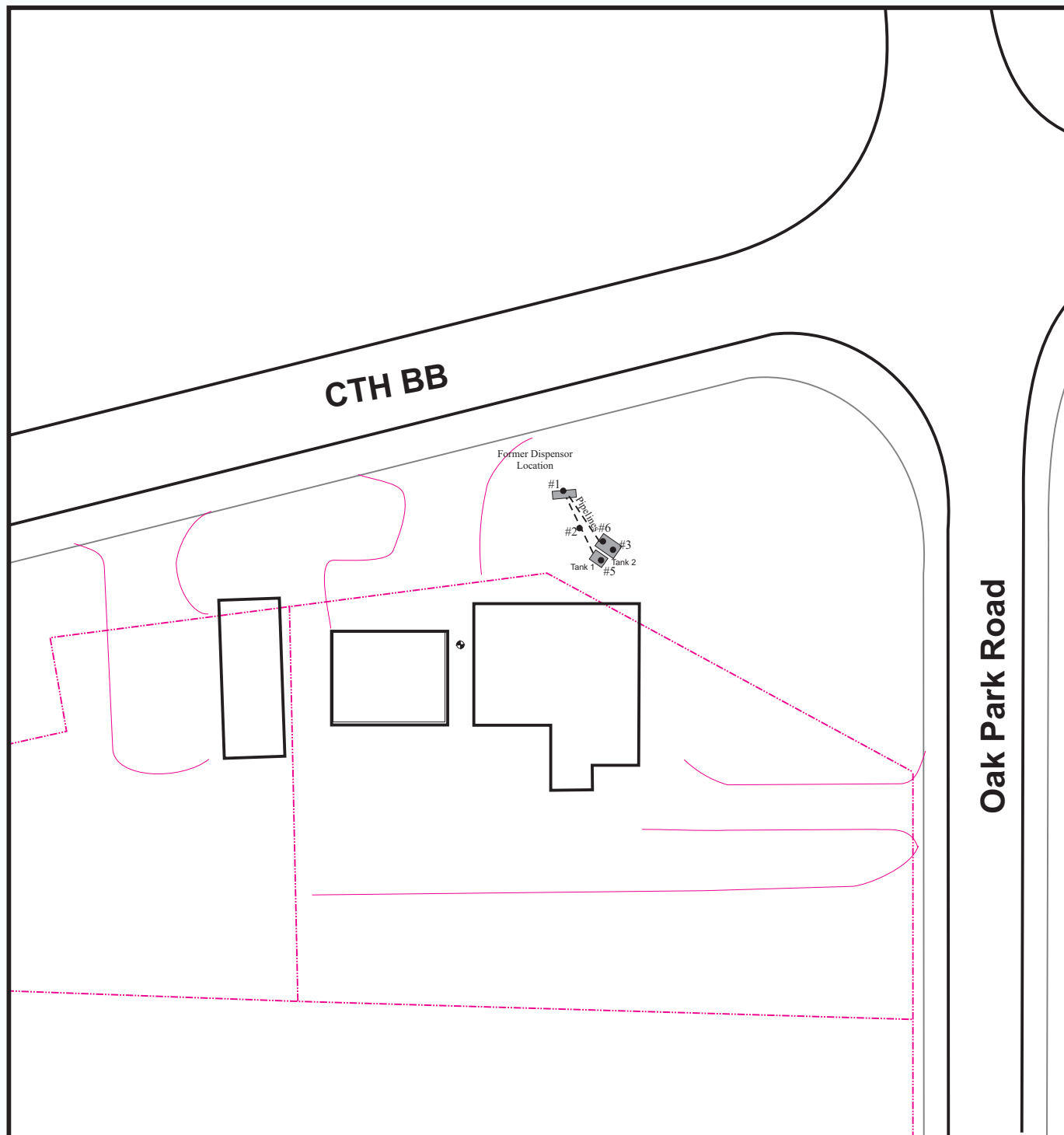
We will begin scheduling the work upon your approval. Please contact us with any questions at (608-838-9120).

Sincerely,

A handwritten signature in cursive script that reads "Robyn Seymour".

Robyn Seymour  
Hydrogeologist/President

Figure  
Table



SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.

SITE LAYOUT  
FORMER BRUNKER PROPERTY  
1255 CTH BB  
Deerfield, Wisconsin

FIGURE  
1

**John Brunker Property (former)  
County BB - Deerfield, WI  
Soil Sampling Results**

Sample I.D.	#1	#2	#3	#5	#6	WDNR
Sample Date	September 16, 2003					RCLs
GRO	<2.8	3.2	<2.7	<2.6	<2.6	100
<b>VOCs</b>						
Benzene	<25	<b>37</b>	<25	<25	<25	5.5
1,2 Dichloroethane	na	na	na	na	na	ns
Ethylbenzene	<25	47	48	<25	<25	1570
Methyl-tert-butyl ether	<25	<25	<25	<25	<25	ns
Toluene	<25	290	230	<25	<25	1500
1,3,5 Trimethylbenzenes	38	47	79	<25	<25	ns
1,2,4 Trimethylbenzenes	<25	150	200	<25	<25	ns
Total Trimethylbenzenes	38	197	279	<50	<50	ns
Xylenes, -m, -p	<50	280	250	<50	<50	ns
Xylene, -o	<25	74	92	<25	<25	ns
Total Xylenes	<75	354	342	<75	<75	4100

- NR720 RCL = WDNR Residual Contaminant Level (allowable levels)