

June 13, 2016

Mr. Tauren Beggs, Hydrogeologist  
WNRD  
2984 Shawano Avenue  
Green Bay, WI 54313-6727

Re: Opinion of Probable Costs – Soil Sampling White Property (WNRD Letter dated June 6, 2016)

Dear Tauren,

With regard to your request for costs associated with the above referenced letter (*Scope of Work for Confirmation Soil Sampling at White Property (LGU), 1910 20<sup>th</sup> Street, Manitowoc, Wisconsin, BRRTS # 02-36-096500*); the following probable costs are provided:

- Collection, analysis, and data summary of one soil sample from 0-3 feet bgs (Adjacent to S-13) on attached figures. Analysis to include Polycyclic Aromatic Hydrocarbons (PAHs) only;
- Collection, analysis, and data summary on one soil sample from 0-3 feet bgs (Adjacent to S-15) in the attached figures. Analysis to include PAHs; and the metals arsenic and mercury only.

Total opinion of probable cost to address these two sampling activities is:

Laboratory: \$190.00 (PAH Method 8310 on both samples; and arsenic and mercury analysis on one sample only)

Drilling: \$80.00 (6 total feet plus abandonment)

Collection of samples, packing, shipping and Data Summary: \$500.00

**Total fee: \$770.00**

Tauren, please let me know how the WNRD wishes to handle this budget item, it would be easier to avoid not require a separate contract with WNRD that would add to administrative time and associated increased internal costs. If you have provide funding directly to the County to cover these costs it would be the easiest.

Sincerely,

Ayres Associates Inc

Lynn Scherbert, PE  
Senior Engineer – Environmental Division  
262-522-4923  
ScherbertL@AyresAssociates.com

Enclosure

cc: File





NOTE: THIS DRAWING WAS PREPARED IN COLOR. REPRODUCTION BY MEANS OTHER THAN EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.

GOOGLE EARTH PRO IMAGERY DATED 5/14/13

- LEGEND**
- AGP-11 SOIL PROBE
  - ⊕ AMW-2 WATER TABLE OBSERVATION WELL
  - APZ-1 PIEZOMETER
  - ▲ VP-1 VAPOR PROBE
  - × SURFACE WATER SPOT ELEVATION
  - ⊕ GP-8 WDNR SOIL BORING LOCATIONS - 1999
  - ▲ S-14 EPA SOIL SAMPLE LOCATIONS - 1999
  - MW-612 WPS MONITORING WELLS
  - ⊕ SGP-24 SIGMA SOIL BORINGS - 2012
  - (T-16) HISTORIC TANKS - REMOVED
  - G NATURAL GAS LINE
  - G--- HISTORIC U.S. OIL PIPELINE

7/10/2015  
 W:\Bentley\_V8\WorkSpace\Standards\p1stc\g\Ayrea.pdf.plt\c\g  
 W:\Bentley\_V8\WorkSpace\Projects\Engineering\Services\p1stc\g\ES\_text.aub.db1  
 W:\ENV\CD\Env\_sites\Two Rivers M\Site plan.dgn

DR BY	T. SHUPERT	BOOK NO.	
CHK BY	J. STEINER	JOB NO.	19-0558.00
DATE	APRIL 2015	SCALE	AS SHOWN
NO.		DATE	
REVISION		NO.	
REVISION		NO.	

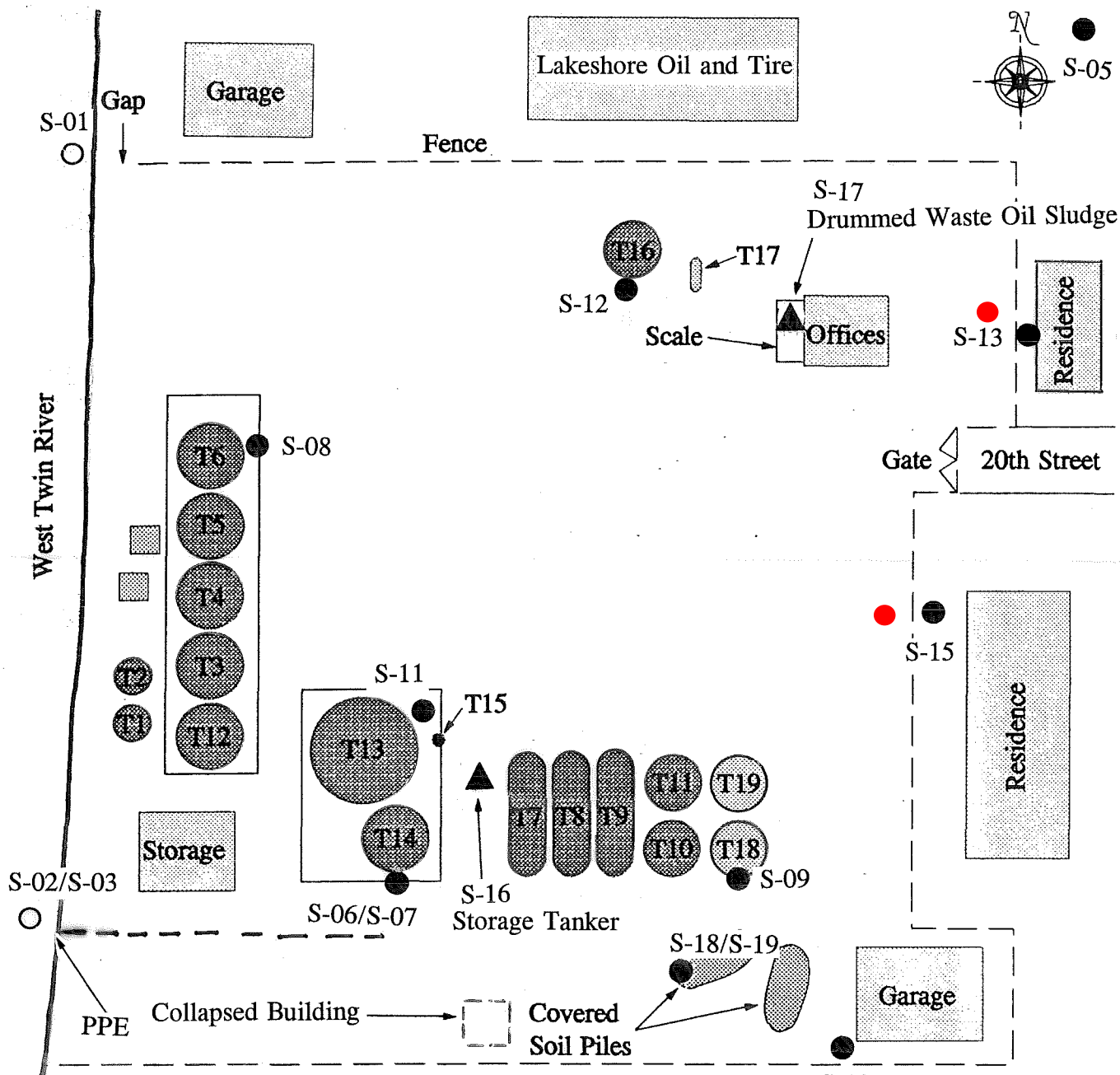
1910 20TH STREET & 2022 SCHOOL STREET  
TWO RIVERS, WISCONSIN



SITE MAP

DRAWING NO.  
2





- Legend**
- ▲ Waste Samples
  - Sediment Samples
  - Soil Samples
  - Not To Scale

Source: Ecology and Environment  
 January 27, 1995 Site Assessment  
 Report for the PCI Site, Prepared  
 For U.S. EPA

Anderle Building  
 Center

**LEGEND**

● wdnr sampling locations