



744 Heartland Trail
PO Box 8923 (53708)
Madison, WI 53717

608.831.4444 PHONE
608.831.3334 FAX

www.TRCSolutions.com

June 20, 2012

Mr. David Hon
Wisconsin Department of Natural Resources
1300 W. Clairemont Avenue
Eau Claire, WI 54701-6127

Subject: USH 12, Merrilan, Wisconsin
Special Provisions
WisDOT Project ID #7080-05-03

Dear Mr. Hon:

The WisDOT is planning to reconstruct USH 12 from Old Highway 12 (south) to Merrill Street (north) in the Village of Merrilan, Wisconsin. The Plans, Specifications, and Estimates are due August 1, 2012. Construction is scheduled for 2013. We request the WDNR review the Special Provisions (Attachment 1) along with the Plans (Attachment 2) and Background Information (Attachment 3) and provide concurrence by July 13, 2012.

We anticipate encountering petroleum-contaminated soil during project excavations at the following sites:

1. Former Gosch's Shell Station – 305 S. USH 12
2. Double T Quik Stop – 302 N. USH 12
3. Thompson Motors – 305 N. USH 12
4. Former Dave's Gas Station – 405 N. USH 12
5. Former Standard Gas Station – Southeast corner of USH 12 and Merrill Street

We do not anticipate encountering petroleum-contaminated groundwater. If dewatering of petroleum-contaminated groundwater is required, it will be containerized and disposed off-site.

We estimate 900 tons of petroleum-contaminated soil will require off-site treatment and disposal.

Mr. David Hon
Wisconsin Department of Natural Resources
June 20, 2012
Page 2

If you have any questions, please feel free to contact Dan Haak at 608-826-3628.

Sincerely,

TRC Environmental Corporation



Dennis Siewert
Senior Designer



Daniel Haak
Project Manager

Attachments: 1. Special Provisions
2. Plans
3. Background Information

cc: Troy Stapelmann – WisDOT (hardcopy and pdf on CD)
Shar TeBeest – WisDOT (hardcopy and pdf on CD)

Attachment 1
Special Provisions

**Special Provisions for the Excavation, Hauling, and Disposal of
Petroleum Contaminated Soil
Item 205.0501.S.**

**Project Design I.D. #7080-05-03
USH 12
Village of Merrilan, Jackson County, Wisconsin**

**Prepared by
TRC Environmental Corporation
Madison, Wisconsin**

June 2012

1. Excavation, Hauling, and Disposal of Petroleum Contaminated Soil Item 205.0501.S.

A Description

A.1 General

This special provision describes excavating, loading, hauling, and disposing of petroleum contaminated soil at a DNR approved bioremediation facility. The closest DNR approved bioremediation facilities are the Veolia ES – Cranberry Creek Landfill, 2510 Engel Road, Wisconsin Rapids, Wisconsin 54495, Veolia ES – Seven Mile Creek Landfill, 8001 Olson Dr, Eau Claire, Wisconsin 54703, and La Crosse County Landfill – 6500 State Road 16, La Crosse, Wisconsin 54601.

Perform this work in accordance with section 205 of the standard specifications and with pertinent parts of Chapters NR 700-754 of the Wisconsin Administrative Code, as supplemented herein. Per NR 718.07, a solid waste collection and transportation service-operating license is required under NR 502.06 for each vehicle used to transport contaminated soil.

A.2 Notice to the Contractor – Contaminated Soil and Groundwater Location(s)

The department and others completed testing for soil and groundwater contamination at locations within this project where excavation is required. Testing indicated that petroleum-contaminated soil and/or groundwater is present at the following location(s):

Former Gosch’s Shell Station (305 S. USH 12)

- Station 567+50 to Station 569+00 from reference line right

Double T Quik Stop (302 N. USH 12) and Thompson Motors (305 N. USH 12)

- Station 586+00 to 587+00 from construction limits left to construction limits right

Former Dave’s Gas Station (405 N. USH 12)

- Station 588+50 to Station 590+25 from reference line right

Former Standard Gas Station (Southeast corner of USH 12 and Merrill St)

- Station 591+80 to Station 592+20 from reference line right

Contact the engineer and environmental consultant if dewatering is required at these locations.

Contaminated soils and/or groundwater and/or underground storage tanks (USTs) may be encountered at other locations within the construction limits. If contaminated soils and/or groundwater and/or USTs are encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer. Contaminated soil and/or groundwater at other locations shall be managed by the contractor under this contract. USTs will be removed by others.

For further information regarding previous investigation and remediation activities at these sites contact:

Name: Troy Stapelmann
Wisconsin DOT, Northwest Region
Address: 718 W. Clairmont
Eau Claire, WI 54701
Phone: 715-836-3911
Fax: 715-836-2807
e-mail: troy.stapelmann@dot.state.wi.us

A.3 Coordination

Coordinate work under this contract with the environmental consultant retained by the department:

Consultant: TRC Environmental Corporation
Address: 708 Heartland Trail, Suite 3000, Madison, WI 53717
Fax: 608-826-3941

Contact: Dan Haak
Phone: 608-826-3628 (office), 608-886-7423 (mobile)
e-mail: DHaak@trcsolutions.com

Contact: Dennis Siewert
Phone: 608-826-3659 (office)
e-mail: DSiewert@trcsolutions.com

The role of the environmental consultant will be limited to:

1. Determining the location and limits of contaminated soil to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;
2. Identifying contaminated soils to be hauled to the bioremediation facility;
3. Documenting that activities associated with management of contaminated soil are in conformance with the contaminated soil management methods for this project as specified herein; and
4. Obtaining the necessary approvals for disposal of contaminated soil from the bioremediation facility.
5. Identifying contaminated groundwater to be hauled for treatment and disposal (if dewatering is necessary). Coordinating temporary storage containers, groundwater characterization, and location of disposal of contaminated water.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the areas of contamination to the environmental consultant. Also

notify the environmental consultant at least three calendar days prior to commencement of excavation activities in each of the contaminated areas.

Identify the DNR approved bioremediation facility that will be used for disposal of contaminated soils, and provide this information to the environmental consultant no later than 30 calendar days prior to commencement of excavation activities in the contaminated areas or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals for disposal of contaminated soils from the bioremediation facility.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation activities in the contaminated areas. Perform excavation work in each of the contaminated areas on a continuous basis until excavation work is completed. Do not transport contaminated soil offsite without prior approval from the environmental consultant.

A.4 Protection of Groundwater Monitoring Wells

Groundwater monitoring wells may be present within the construction limits. Protect all groundwater monitoring wells to maintain their integrity. Adjust wells that do not conflict with utilities, structures, curb and gutter, etc. to be flush with the final grade. For wells that conflict with the previously mentioned items, notify the environmental consultant, and coordinate with the environmental consultant the abandonment or adjustment of the wells by others. The environmental consultant will provide maps indicating the locations of all known monitoring wells, if requested by the contractor.

A.5 Excavation Management Plan Approval

The excavation management plan for this project has been designed to minimize the off-site disposal of contaminated material. The excavation management plan, including these special provisions, has been developed in cooperation with the WDNR. The WDNR's concurrence letter is on file at the Wisconsin Department of Transportation. For further information regarding the investigations, including waste characterization within the project limits, contact Troy Stapelmann with the department, at (715) 836-3911.

A.6 Health and Safety Requirements for Workers Remediating Contamination

Supplement subsection 107.1 of the standard specifications with the following:

During excavation activities, expect to encounter soil contaminated with gasoline, diesel fuel, fuel oil, or other petroleum related products. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each contaminated site location as required by

29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer prior to the start of work.

Disposal of petroleum-contaminated soil at the bioremediation facility is subject to the facility's safety policies, which include as a minimum:

1. No smoking is allowed on-site.
2. Maximum speed limit of 15 mph on access roads and 5 mph while in active area
3. All persons entering the active area must wear the following personal protective equipment: hard hats, high visibility clothing, steel toed work boots, safety glasses, and seat belts.
4. Minimum requirement for spacing is as follows:
 - a. A minimum 15 foot Safety Zone is required between landfill equipment and all personnel at all times.
 - b. Do not back up directly behind the compactor or dozer.
 - c. Trucks must yield the right-of-way to landfill equipment.
 - d. 15 feet required between trucks.
5. Only the driver can exit the truck and must stay within 4 feet of the truck. Use of Spotter is prohibited. Helper (if any), must remain in vehicle while unloading.
6. Tailgates of all vehicles may only be opened while in the active area and must be closed prior to exiting the active area.
7. Cleaning out vehicles must be done in designated area, not in the active area. Vehicles must be properly locked out / tagged out in accordance with OSHA during the clean out process.
8. No Scavenging is allowed.
9. Horseplay is prohibited.

Violation of the landfill's safety policy will result a verbal or written warning explaining this policy and may result in the loss of dumping privileges.

Immediately report all accidents and injuries at the bioremediation facility to landfill management.

B (Vacant)

C Construction

Supplement subsection 205.3 of the standard specification with the following:

Control operations in the contaminated areas to minimize the quantity of contaminated soil excavated.

Assist the environmental consultant in determining the extent of contaminated soil (if any), by performing a backhoe pit investigation, as directed by the environmental consultant, in the following areas:

Former Gosch's Shell Station (305 S. USH 12)

- Station 567+50 to Station 569+00 from reference line right

Double T Quik Stop (302 N. USH 12) and Thompson Motors (305 N. USH 12)

- Station 586+00 to 587+00 from construction limits left to construction limits right

Former Dave's Gas Station (405 N. USH 12)

- Station 588+50 to Station 590+25 from reference line right

Perform the backhoe pit investigation as soon as practical after structures, sidewalks, curb and gutter, and pavement are removed and prior to significant excavations (if any) beginning in those areas. The backhoe pit investigations shall include up to 3 test pits per location, to a maximum depth of 6 feet bgs. The test pit investigations shall be incidental to this pay item.

The environmental consultant will periodically evaluate soil excavated from the contaminated areas to determine if the soil will require offsite bioremediation. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 20 cubic yards excavated.

On the basis of the results of such field-screening, the material will be designated for disposal as follows:

- Excavation Common consisting of clean soil and/or clean construction and demolition fill (such as clean soil, boulders, concrete, reinforced concrete, bituminous pavement, bricks, building stone, and unpainted or untreated wood), which under NR 500.08 are exempt materials, or
- Low-level contaminated material for reuse as fill within the construction limits, or
- Contaminated soil for offsite treatment and disposal at the WDNR-licensed bioremediation facility, or
- Potentially contaminated for temporary stockpiling and additional characterization prior to disposal

Some material may require additional characterization prior to disposal. Provide for the temporary stockpiling of up to 250 cubic yards of contaminated soil on-site that require additional characterization. Construct and maintain a temporary stockpile of the material in accordance with NR 718.05(3), including, but not limited to, placement of the contaminated soil/fill material on an impervious surface and covering the stockpile with

impervious material to prevent infiltration of precipitation. The Department's environmental consultant will collect representative samples of the stockpiled material, laboratory-analyze the samples, and advise the contractor, within 10 business days of the construction of the stockpile, of disposal requirements. The stockpiled material shall be disposed either at the WDNR-licensed disposal facility by the contractor or, if characterized as hazardous waste, by the Department. As an alternative to temporarily stockpiling contaminated soil/fill material that requires additional characterization, the contractor has the option of suspending excavation in those areas where such soil is encountered until such time as characterization is completed.

Directly load and haul soils designated by the environmental consultant for offsite bioremediation to the DNR-approved bioremediation facility. Verify that vehicles used to transport contaminated material are licensed for such activity in accordance with applicable state and federal regulations. Use loading and hauling practices that are appropriate to prevent any spills or releases of petroleum-contaminated soils or residues. Prior to transport, sufficiently dewater soils designated for off-site bioremediation so as not to contain free liquids.

When material is encountered outside the above-identified limits of known contamination that appears to have been impacted with petroleum or chemical products, or when other obvious potentially contaminated materials are encountered or material exhibits characteristics of industrial-type wastes, such as fly ash, foundry sand, and cinders, or when underground storage tanks are encountered, suspend excavation in that area and notify the engineer.

Groundwater may be present within the construction limits. Water generated during dewatering operations (if necessary) is expected to be permitted to discharge to the surface except in the contaminated areas.

Water generated from dewatering activities within the contaminated groundwater may exceed the surface water discharge limits for petroleum compounds specified in the DNR's "General Permit to Discharge under the Wisconsin Pollutant Discharge Elimination System" for "Contaminated Groundwater from Remedial Action Operations" (WPDES Permit No. WI-0046566-5), Table 3.1.

Pump contaminated water that exceeds surface water discharge limits, as determined by environmental consultant, into temporary holding tanks provided by others, as necessary to complete construction. Allow contaminated water encountered, but not requiring removal as a standard course of construction, to remain in-place and do not manage in accordance with this special provision.

Employ construction methods and techniques in a manner that will minimize the need for dewatering, and if dewatering is required, minimize the volume of water generated. Take measures to limit groundwater, surface water, and precipitation from entering and exiting excavations in the areas of contamination. Such measures, which may include berming, ditching, or other means, shall be maintained until construction of utilities in the areas of contamination are complete.

The environmental consultant will coordinate holding tank mobilizations, waste characterization sampling of accumulated water, and transportation/disposal of contaminated water.

The cost for holding tank mobilization, transportation, and contaminated water disposal will be paid by others.

Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities. Notify the engineer of any dewatering activities, and obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statues, judiciary decisions, and regulations of the State of Wisconsin.

D Measurement

The department will measure Excavation, Hauling, and Disposal of Petroleum Contaminated Soil in tons of contaminated soil accepted by the bioremediation facility as documented by weight tickets generated by the bioremediation facility. Load tickets must be delivered to the engineer within 10 business days of the date on which the soil was accepted by the bioremediation facility.

E Payment

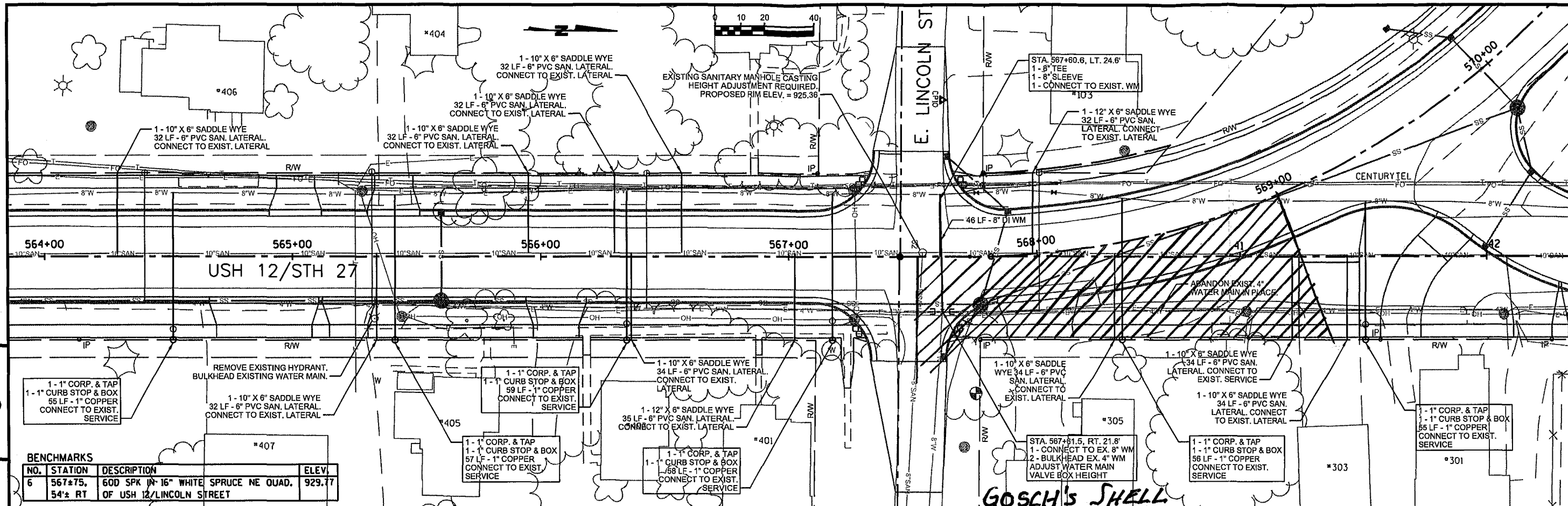
The department will pay for measured quantities at the contract unit price under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
205.0501.S	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	Ton

Payment is full compensation for excavating, segregating, loading, hauling, and treatment via bioremediation of contaminated soil; tipping fees including any applicable taxes and surcharges, obtaining solid waste collection and transportation service operating licenses; assisting in the collection soil samples for field evaluation including test pits; dewatering of soils prior to transport, if necessary; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

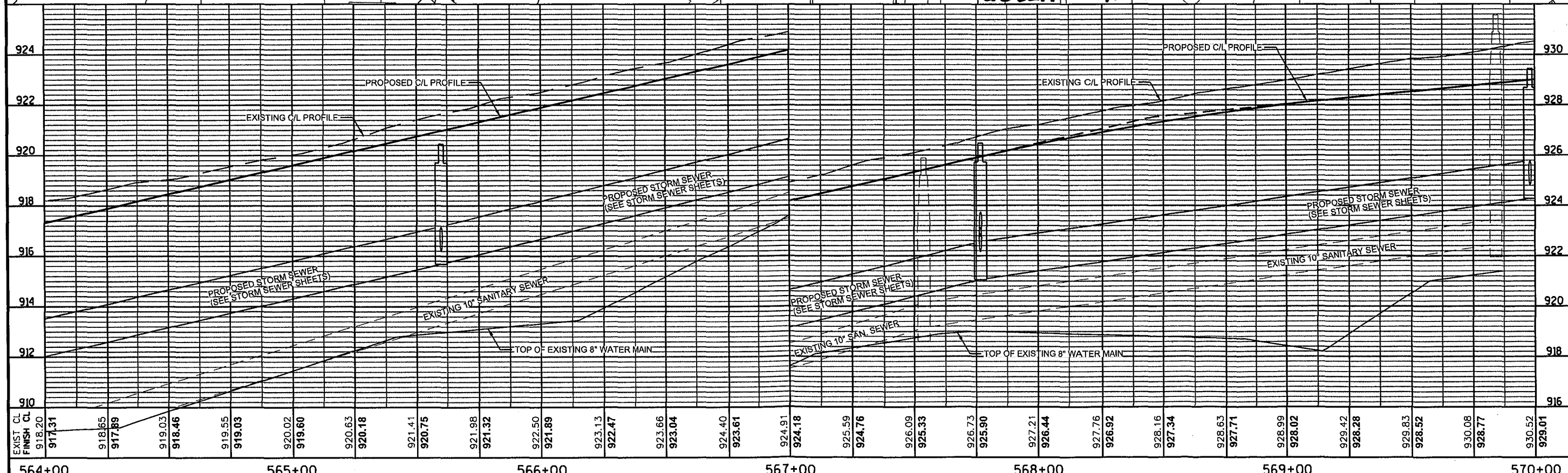
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Attachment 2
Plans

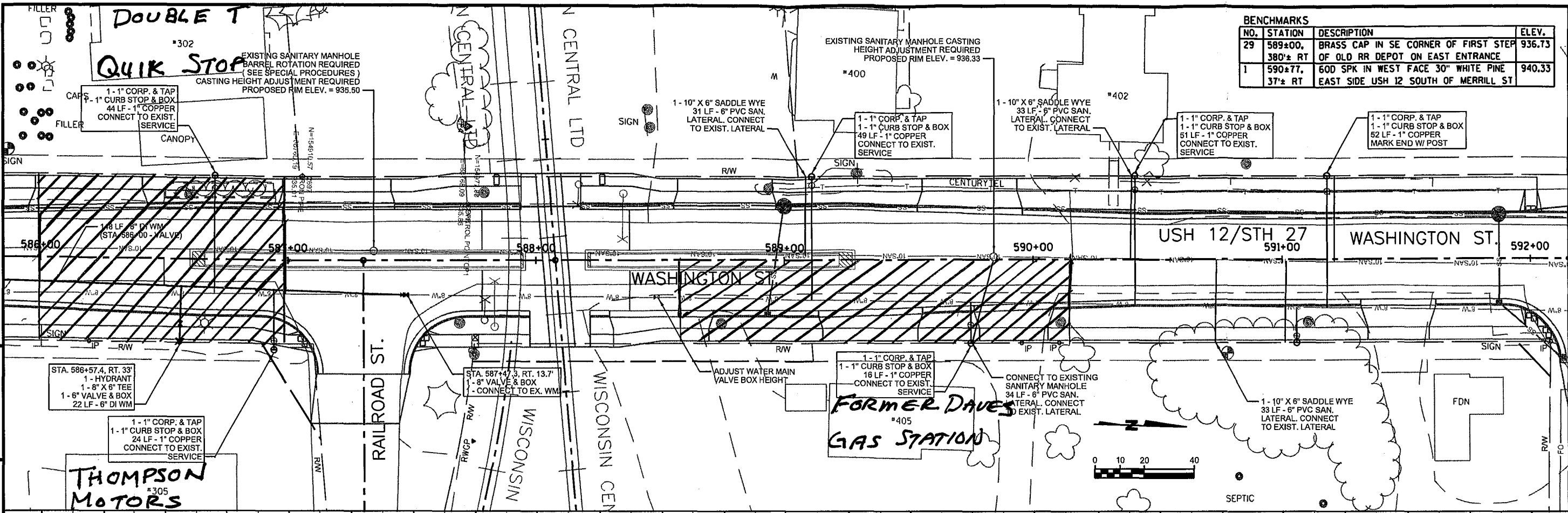


BENCHMARKS

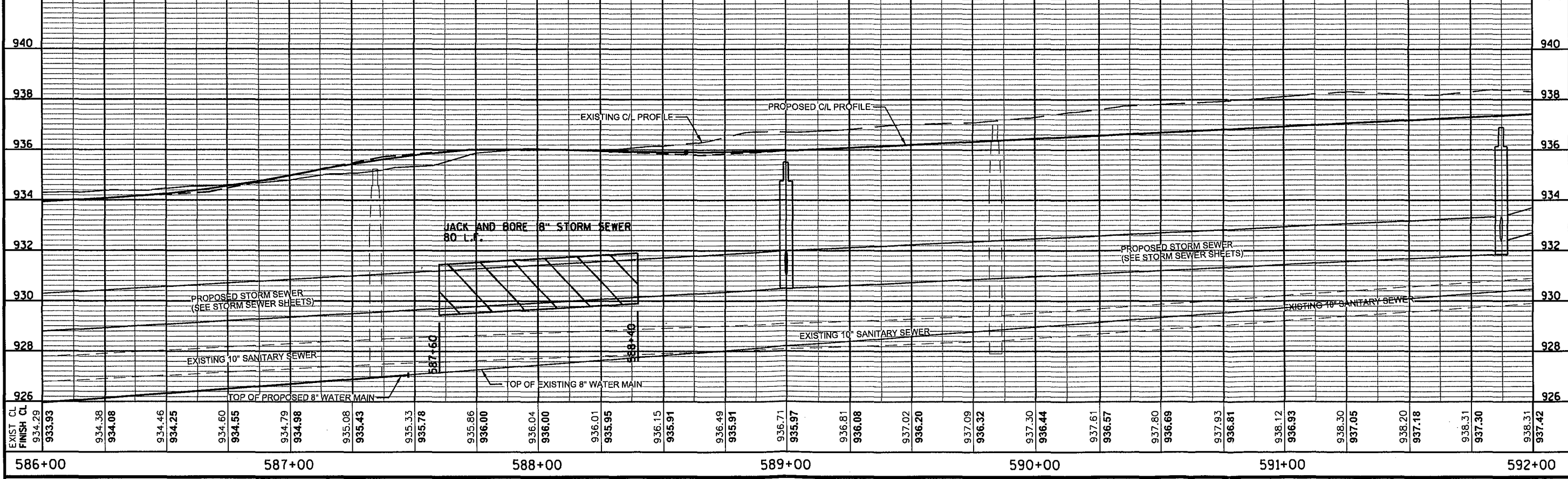
NO.	STATION	DESCRIPTION	ELEV.
6	567±75, 54± RT	60D SPK IN 16" WHITE SPRUCE NE QUAD. OF USH 12/LINCOLN STREET	929.77



PROJECT NUMBER: 7080-05-73 HWY: USH 12 COUNTY: JACKSON SANITARY SEWER AND WATER MAIN SHEET NO: E



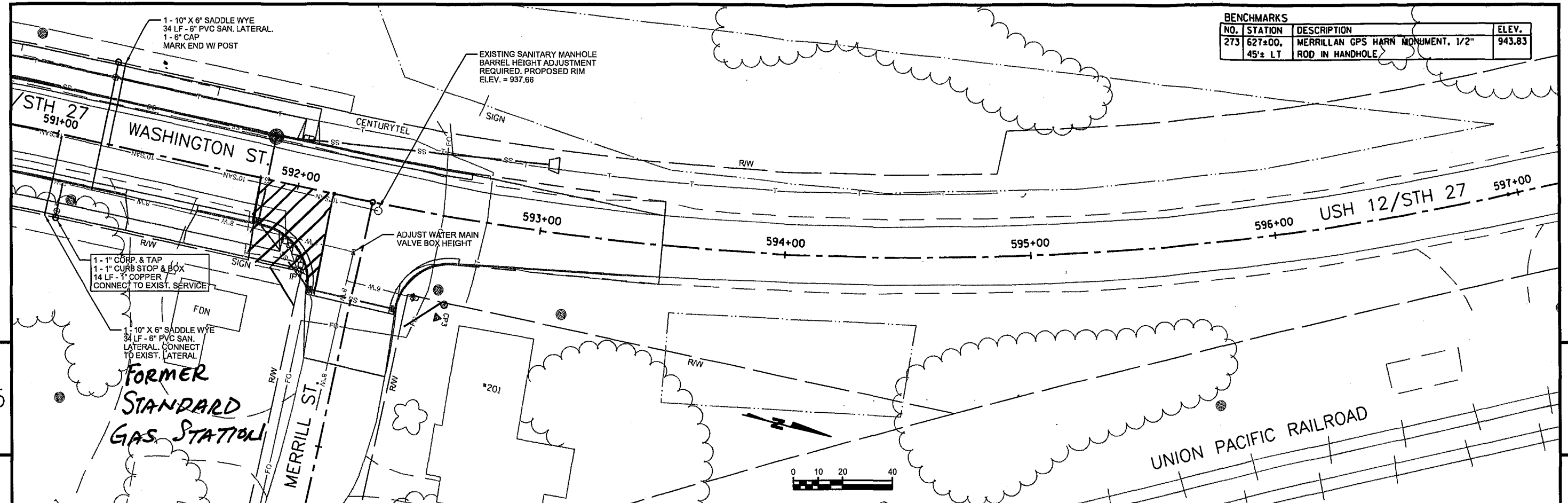
BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
29	589±00, 380± RT	BRASS CAP IN SE CORNER OF FIRST STEP OF OLD RR DEPOT ON EAST ENTRANCE	936.73
1	590±77, 37± RT	60D SPK IN WEST FACE 30" WHITE PINE EAST SIDE USH 12 SOUTH OF MERRILL ST	940.33



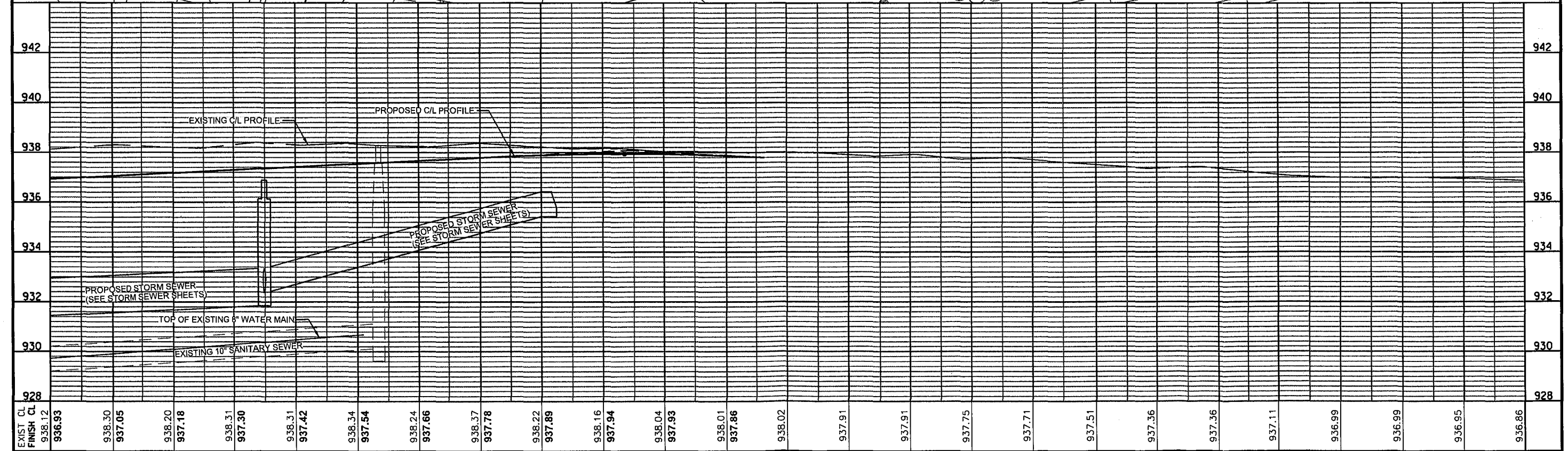
586+00 587+00 588+00 589+00 590+00 591+00 592+00

PROJECT NUMBER: 7080-05-73 HWY: USH 12 COUNTY: JACKSON SANITARY SEWER AND WATER MAIN SHEET NO: E

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BENCHMARKS			
NO.	STATION	DESCRIPTION	ELEV.
273	627+00, 45± LT	MERRILLAN GPS HARN MONUMENT, 1/2" ROD IN HANDHOLE	943.83



591+00	592+00	593+00	594+00	595+00	596+00	597+00
PROJECT NUMBER: 7080-05-73		HWY: USH 12		COUNTY: JACKSON		SANITARY SEWER AND WATER MAIN
SHEET NO:						E

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Attachment 3

Background Information

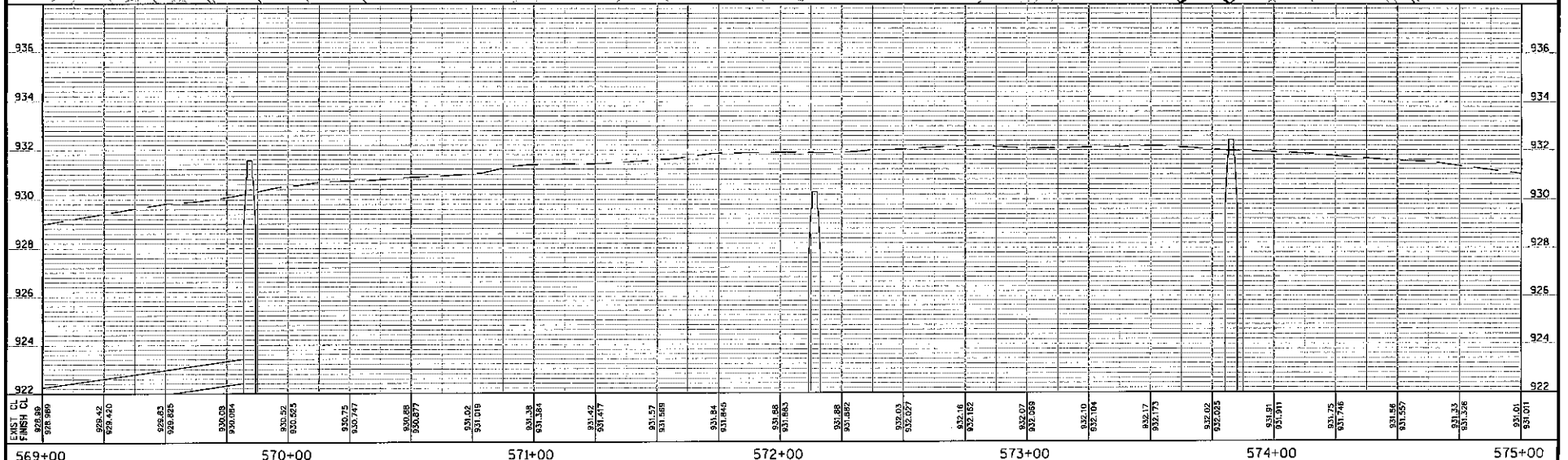
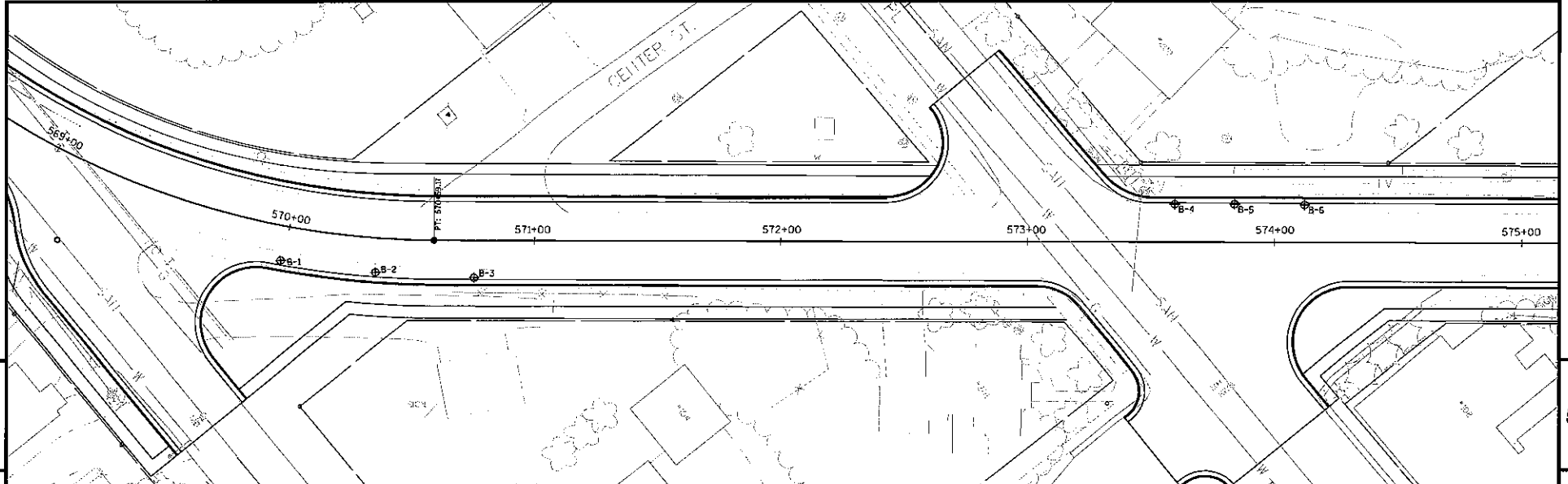
- Phase 2
- Former Gosch's Shell Station
- Double T Quik Stop
- Thompson Motors
- Former Dave's Gas Station

Phase 2

USH 12 - Merrilan
7080-05-73
Hammond, Diagonal, and Washington Street
Jackson County

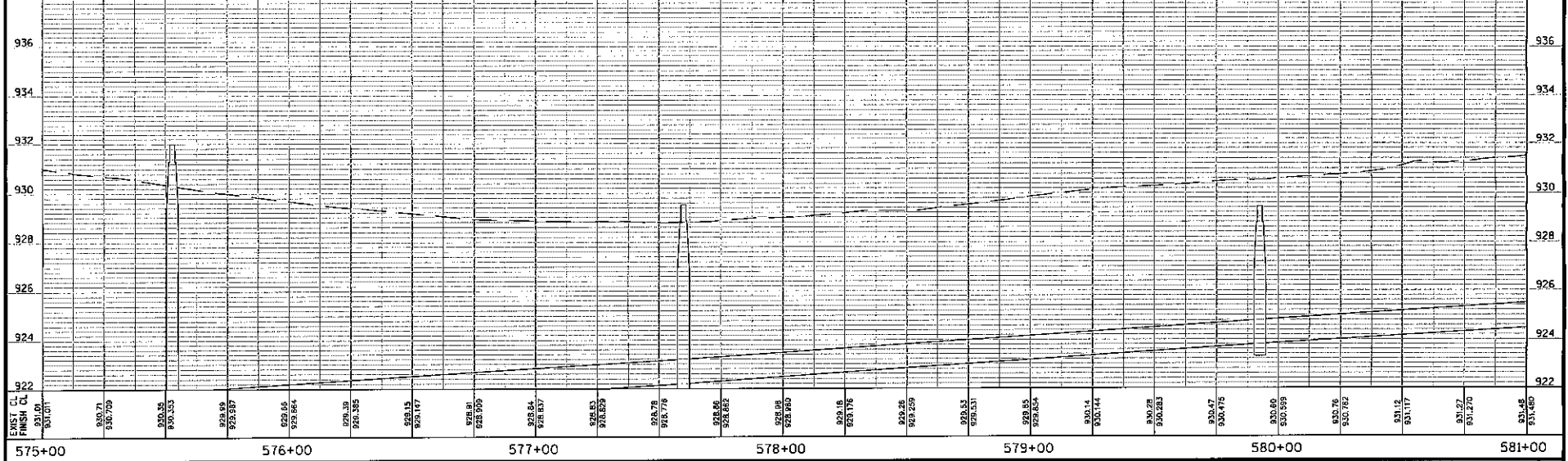
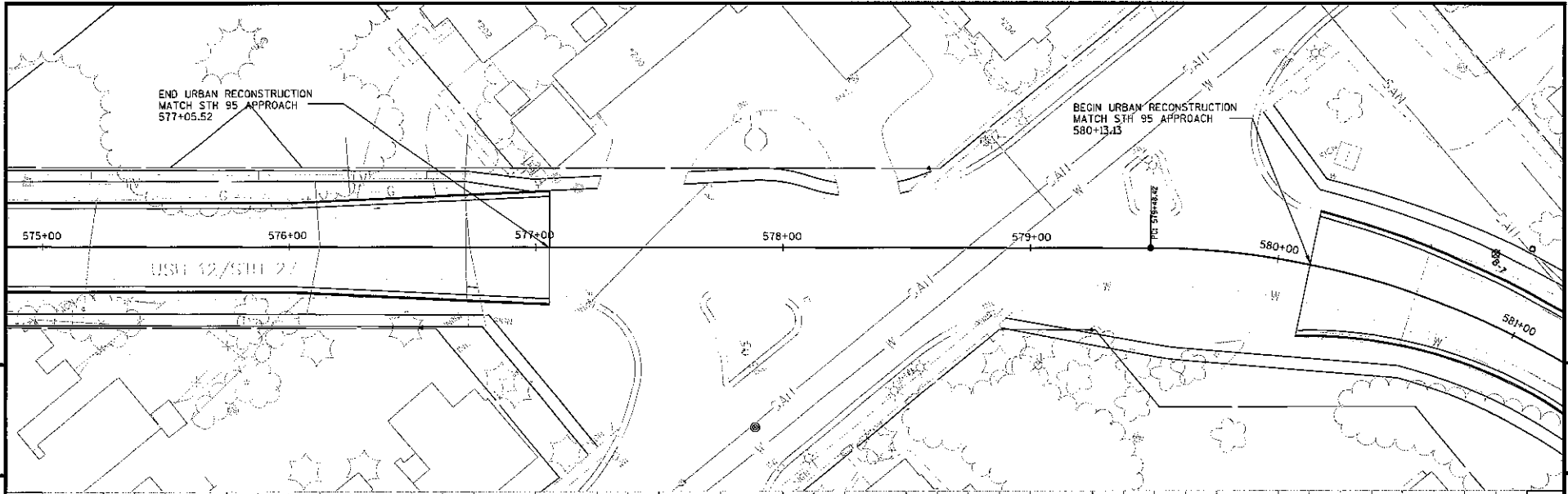
HAZARD MATERIALS PHASE 2 Borings

Boring	Station	Offset	RT/LT	DTM Elevation
B-1	569+99	14.1	RT	930.600
B-2	570+36	14.0	RT	930.875
B-3	570+75	15.3	RT	931.297
B-4	573+60	15.5	LT	931.682
B-5	573+84	15.6	LT	931.535
B-6	574+12	15.3	LT	931.400
B-7	580+81	26.7	LT	931.504
B-10	582+82	14.2	RT	932.542
B-11	583+57	12.4	RT	933.174
B-12	584+24	13.0	RT	933.408
B-13	585+07	12.9	RT	933.637
B-14	585+47	11.8	RT	933.647
B-15	588+94	11.6	RT	936.435
B-16	589+37	11.6	RT	936.639
B-17	589+92	11.7	RT	937.079
B-18	591+36	11.6	RT	938.371
B-19	591+73	12.3	RT	938.497
B-20	591+97	12.6	RT	938.614
B-21	592+09	16.2	LT	937.549
B-22	589+52	17.2	LT	936.817



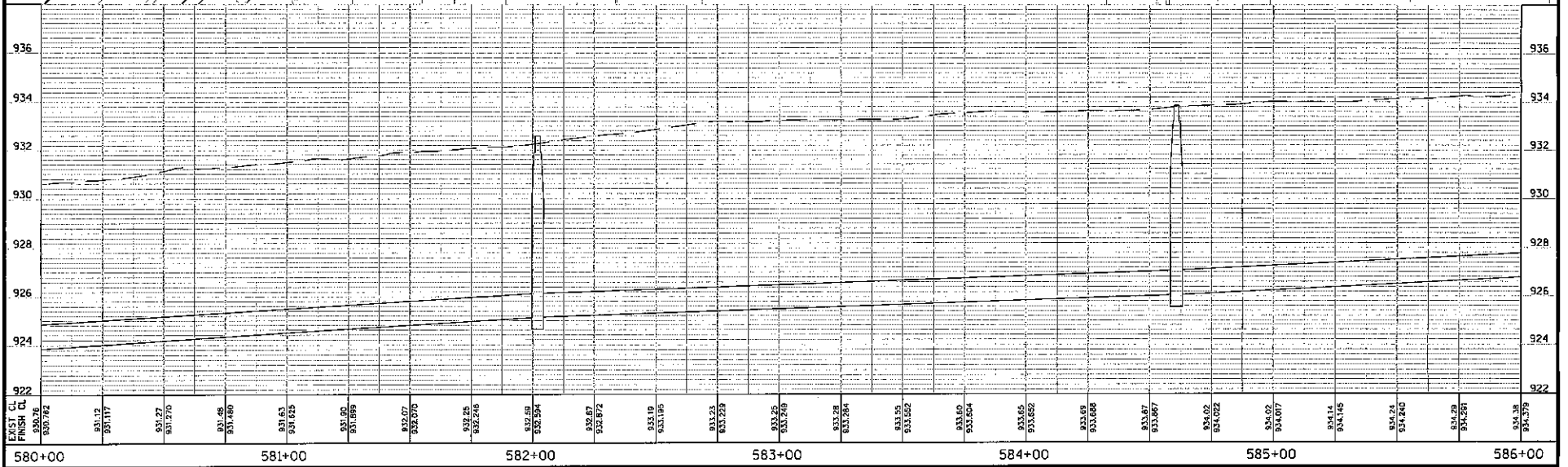
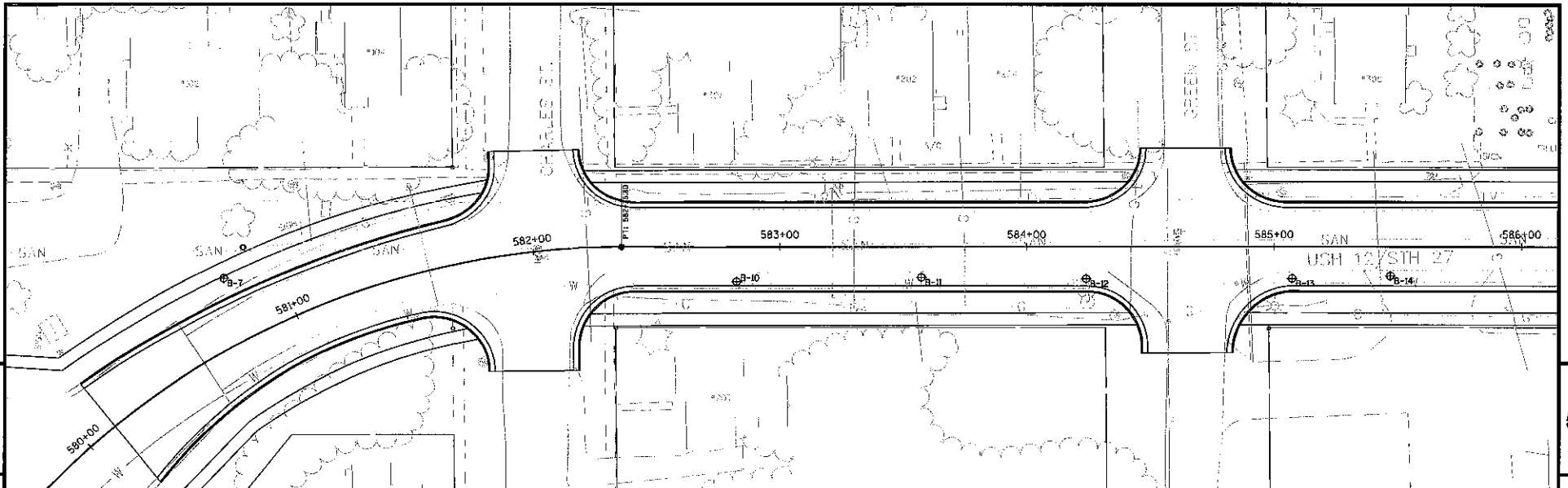
569+00	570+00	571+00	572+00	573+00	574+00	575+00
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PROJECT NUMBER: 7080-05-73 HWY: USH 12 COUNTY: JACKSON PLAN & PROFILE SHEET NO: **E**



575+00	576+00	577+00	578+00	579+00	580+00	581+00
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PROJECT NUMBER: 7080-05-73 HWY: USH 12 COUNTY: JACKSON PLAN & PROFILE SHEET NO: **E**



PROJECT NUMBER: 7080-05-73 HWY: USH 12 COUNTY: JACKSON PLAN & PROFILE SHEET NO: **E**

TABLE 1
ANALYTICAL RESULTS-SOIL
FORMER RESTAURANT WITH GAS PUMP SITE

USH 12 (DIAGONAL STREET), MERRILLAN, JACKSON COUNTY, WISCONSIN

APPROXIMATE STATION NUMBER 570 TO 571+50

WDOT PROJECT #: 7080-05-03, USH 12, MERRILLAN, JACKSON COUNTY, WISCONSIN

Sample Name	NR 720 GENERIC RCLs	COMM 46 Table 1 Values (Groundwater Protection)	COMM 46 Table 2 Values (Direct Contact - Top 4 Feet)	Samples			
				SB-1A	SB-2A	SB-3A	MEOH BLANK
Boring				B-1	B-2	B-3	Quality Control
Date				5/5/2011	5/5/2011	5/5/2011	5/5/2011
Depth (feet)				5-6	5-6	6-7	
PID Reading				0	0	0	
Lead (ppm)	50	NS	NS	0.53	0.63	1.8	
GROs (ppm)	100	NS	NS	< 2.8	< 2.7	< 2.9	< 2.5
PVOCs (ppb)							
Benzene	5.5	8,500	1,100	< 25	< 25	< 25	< 25
Ethylbenzene	2,900	4,600	NS	< 25	< 25	< 25	< 25
MTBE	NS	NS	NS	< 25	< 25	< 25	< 25
Naphthalene	400	2,700	NS	< 25	< 25	< 25	< 25
Toluene	1,500	38,000	NS	< 25	< 25	31.2	< 25
1,2,4 TMB	NS	83,000	NS	< 25	< 25	< 25	< 25
1,3,5 TMB	NS	11,000	NS	< 25	< 25	< 25	< 25
Total Xylenes	4,100	42,000	NS	< 50	< 50	< 50	< 50

NS = no standard has been established for this compound

RCLs = residual contaminant levels

Underlined values exceed the Generic RCL.

Bolding indicates concentrations above the Table 1 and/or Table 2 (direct contact, top 4 feet) values.

TMB = trimethylbenzene

MTBE = methyl-tert-butyl-ether

ND = not detected above the laboratory detection limit

**TABLE 1
ANALYTICAL RESULTS-SOIL
FORMER PHILLIPS 66 GAS STATION SITE**

200 OAKWOOD PLACE (USH 12), MERRILLAN, JACKSON COUNTY, WISCONSIN

APPROXIMATE STATION NUMBER 573+50 TO 575

WDOT PROJECT #: 7080-05-03, USH 12, MERRILLAN, JACKSON COUNTY, WISCONSIN

Sample Name	NR 720 GENERIC RCLs	COMM 46 Table 1 Values (Groundwater Protection)	COMM 46 Table 2 Values (Direct Contact - Top 4 Feet)	Samples			
				SB-4A	SB-5A	SB-6A	MEOH BLANK
Boring				B-4	B-5	B-6	Quality Control
Date				5/5/2011	5/5/2011	5/5/2011	5/5/2011
Depth (feet)				7-8	7-8	6-7	
PID Reading				0	0	0	
Lead (ppm)	<u>50</u>	NS	NS	0.15	6.0	2.1	
GROs (ppm)	<u>100</u>	NS	NS	< 2.7	< 2.7	< 2.6	< 2.5
PVOCs (ppb)							
Benzene	<u>5.5</u>	<u>8,500</u>	<u>1,100</u>	< 25	< 25	< 25	< 25
Ethylbenzene	<u>2,900</u>	<u>4,600</u>	NS	< 25	< 25	< 25	< 25
MTBE	NS	NS	NS	< 25	< 25	< 25	< 25
Naphthalene	<u>400</u>	<u>2,700</u>	NS	< 25	< 25	< 25	< 25
Toluene	<u>1,500</u>	<u>38,000</u>	NS	< 25	40.1	< 25	< 25
1,2,4 TMB	NS	<u>83,000</u>	NS	< 25	< 25	< 25	< 25
1,3,5 TMB	NS	<u>11,000</u>	NS	< 25	< 25	< 25	< 25
Total Xylenes	<u>4,100</u>	<u>42,000</u>	NS	< 50	< 50	< 50	< 50

NS = no standard has been established for this compound

RCLs = residual contaminant levels

Underlined values exceed the Generic RCL.

Bolding indicates concentrations above the Table 1 and/or Table 2 (direct contact, top 4 feet) values.

TMB = trimethylbenzene

MTBE = methyl-tert-butyl-ether

ND = not detected above the laboratory detection limit

**TABLE 1
ANALYTICAL RESULTS-SOIL
FORMER TEXACO GAS STATION SITE**

102 NORTH USH 12 (N. WASHINGTON STREET), MERRILLAN, JACKSON COUNTY, WISCONSIN

APPROXIMATE STATION NUMBER 573+50 TO 575

WDOT PROJECT #: 7080-05-03, USH 12, MERRILLAN, JACKSON COUNTY, WISCONSIN

Sample Name	NR 720 GENERIC RCLs	COMM 46 Table 1 Values (Groundwater Protection)	COMM 46 Table 2 Values (Direct Contact - Top 4 Feet)	Samples	
				SB-7A	MEOH BLANK
Boring				B-7	Quality Control
Date				5/5/2011	5/5/2011
Depth (feet)				6-8	
PID Reading				0	
Lead (ppm)	50	NS	NS	5.2	
GROs (ppm)	100	NS	NS	< 3.1	< 2.5
PVOCs (ppb)					
Benzene	5.5	8,500	1,100	< 25	< 25
Ethylbenzene	2,900	4,600	NS	< 25	< 25
MTBE	NS	NS	NS	< 25	< 25
Naphthalene	400	2,700	NS	< 25	< 25
Toluene	1,500	38,000	NS	< 25	< 25
1,2,4 TMB	NS	83,000	NS	< 25	< 25
1,3,5 TMB	NS	11,000	NS	< 25	< 25
Total Xylenes	4,100	42,000	NS	< 50	< 50

NS = no standard has been established for this compound

RCLs = residual contaminant levels

Underlined values exceed the Generic RCL.

Bolding indicates concentrations above the Table 1 and/or Table 2 (direct contact, top 4 feet) values.

TMB = trimethylbenzene

MTBE = methyl-tert-butyl-ether

ND = not detected above the laboratory detection limit

**TABLE 1
ANALYTICAL RESULTS-SOIL
MERRILLAN GASOLINE CONTAMINATION IN USH 12**

USH 12, MERRILLAN, JACKSON COUNTY, WISCONSIN

APPROXIMATE STATION NUMBER 582 TO 586

WDOT PROJECT #: 7080-05-03, USH 12, MERRILLAN, JACKSON COUNTY, WISCONSIN

Sample Name	NR 720 GENERIC RCLs	COMM 46 Table 1 Values (Groundwater Protection)	COMM 46 Table 2 Values (Direct Contact - Top 4 Feet)	Samples					
				SB-10A	SB-11A	SB-12A	SB-13A	SB-14A	MEOH BLANK
Boring				B-10	B-11	B-12	B-13	B-14	Quality Control
Date				5/5/2011	5/5/2011	5/5/2011	5/5/2011	5/5/2011	5/5/2011
Depth (feet)				7-8	7-8	6-8	7-8	6-8	
PID Reading				0	0	0	0	0	
Lead (ppm)	50	NS	NS	6.3	1.6	1.8	1.9	1.6	
GROs (ppm)	100	NS	NS	< 2.9	< 2.8	< 2.9	< 2.8	< 2.8	< 2.5
PVOCs (ppb)									
Benzene	5.5	8,500	1,100	< 25	< 25	< 25	< 25	< 25	< 25
Ethylbenzene	2,900	4,600	NS	< 25	< 25	< 25	< 25	< 25	< 25
MTBE	NS	NS	NS	< 25	< 25	< 25	< 25	< 25	< 25
Naphthalene	400	2,700	NS	< 25	< 25	< 25	< 25	< 25	< 25
Toluene	1,500	38,000	NS	< 25	< 25	< 25	< 25	39.8	< 25
1,2,4 TMB	NS	83,000	NS	< 25	< 25	< 25	< 25	< 25	< 25
1,3,5 TMB	NS	11,000	NS	< 25	< 25	< 25	< 25	< 25	< 25
Total Xylenes	4,100	42,000	NS	< 50	< 50	< 50	< 50	< 50	< 50

NS = no standard has been established for this compound

RCLs = residual contaminant levels

Underlined values exceed the Generic RCL.

Bolding indicates concentrations above the Table 1 and/or Table 2 (direct contact, top 4 feet) values.

TMB = trimethylbenzene

MTBE = methyl-tert-butyl-ether

ND = not detected above the laboratory detection limit

**TABLE 1
ANALYTICAL RESULTS-SOIL
FORMER DAVE'S GAS STATION SITE**

**405 NORTH USH 12 (N. WASHINGTON STREET), MERRILLAN, JACKSON COUNTY, WISCONSIN
APPROXIMATE STATION NUMBER 589 TO 590**

WDOT PROJECT #: 7080-05-03, USH 12, MERRILLAN, JACKSON COUNTY, WISCONSIN

Sample Name	NR 720 GENERIC RCLs	COMM 46 Table 1 Values (Groundwater Protection)	COMM 46 Table 2 Values (Direct Contact - Top 4 Feet)	Samples				
				SB-15A	SB-16A	SB-17A	SB-22A	MEOH BLANK
Boring				B-15	B-16	B-17	B-22	Quality Control
Date				5/5/2011	5/5/2011	5/5/2011	5/5/2011	5/5/2011
Depth (feet)				2-4	7-8	2-4	2-4	
PID Reading				8	560	568	7	
Flass Point (Degrees F)						77°		
Lead (ppm)	50	NS	NS	18.5	9.0	29.4	1.2	
GROs (ppm)	100	NS	NS	10.5	<u>708</u>	<u>5,760</u>	< 2.6	< 2.5
PVOCs (ppb)								
Benzene	5.5	8,500	1,100	<u>58.7</u>	<u>1,630</u>	<u>8,430</u>	< 25	< 25
Ethylbenzene	2,900	4,600	NS	182	<u>20,800</u>	<u>139,000</u>	< 25	< 25
MTBE	NS	NS	NS	< 25	< 312	< 5,000	< 25	< 25
Naphthalene	400	2,700	NS	< 25	<u>13,400</u>	<u>67,100</u>	< 25	< 25
Toluene	1,500	38,000	NS	33.2	<u>57,400</u>	<u>287,000</u>	< 25	< 25
1,2,4 TMB	NS	83,000	NS	307	47,300	<u>424,000</u>	45.7	< 25
1,3,5 TMB	NS	11,000	NS	< 25	<u>15,100</u>	<u>581,000</u>	< 25	< 25
Total Xylenes	4,100	42,000	NS	189.9	<u>111,200</u>	<u>806,000</u>	< 50	< 50

NS = no standard has been established for this compound

RCLs = residual contaminant levels

Underlined values exceed the Generic RCL.

Bolding indicates concentrations above the Table 1 and/or Table 2 (direct contact, top 4 feet) values.

TMB = trimethylbenzene

MTBE = methyl-tert-butyl-ether

ND = not detected above the laboratory detection limit

TABLE 1
ANALYTICAL RESULTS-SOIL
FORMER STANDARD GAS STATION SITE

SOUTHEAST CORNER OF USH 12 AND MERRILL STREET, MERRILLAN, JACKSON COUNTY, WISCONSIN

APPROXIMATE STATION NUMBER 591 TO 592

WDOT PROJECT #: 7080-05-03, USH 12, MERRILLAN, JACKSON COUNTY, WISCONSIN

Sample Name	NR 720 GENERIC RCLs	COMM 46 Table 1 Values (Groundwater Protection)	COMM 46 Table 2 Values (Direct Contact - Top 4 Feet)	Samples					
				SB-18A	SB-19A	SB-20A	SB-20B	SB-21A	MEOH BLANK
Boring				B-18	B-19	B-20	B-20	B-21	Quality Control
Date				5/5/2011	5/5/2011	5/5/2011	5/5/2011	5/5/2011	5/5/2011
Depth (feet)				6-8	6-8	2-4	7-8	6-8	
PID Reading				0	0	26	506	0	
Lead (ppm)	50	NS	NS	17.5	24.5	3.8	15.8	1.6	
GROs (ppm)	100	NS	NS	< 2.8	< 2.7	9.6	<u>682</u>	< 2.8	< 2.5
PVOCs (ppb)									
Benzene	5.5	8,500	1,100	< 25	< 25	<u>45.3</u>	< 312	< 25	< 25
Ethylbenzene	2,900	4,600	NS	< 25	< 25	333	<u>5,690</u>	< 25	< 25
MTBE	NS	NS	NS	< 25	< 25	< 25	< 312	< 25	< 25
Naphthalene	400	2,700	NS	< 25	< 25	60.6	<u>4,110</u>	< 25	< 25
Toluene	1,500	38,000	NS	< 25	39.4	79.1	471	< 25	< 25
1,2,4 TMB	NS	83,000	NS	< 25	61.0	542	56,400	< 25	< 25
1,3,5 TMB	NS	11,000	NS	< 25	< 25	190	<u>19,100</u>	< 25	< 25
Total Xylenes	4,100	42,000	NS	< 50	70.5	508.1	<u>11,740</u>	< 50	< 50

NS = no standard has been established for this compound

RCLs = residual contaminant levels

Underlined values exceed the Generic RCL.

Bolding indicates concentrations above the Table 1 and/or Table 2 (direct contact, top 4 feet) values.

TMB = trimethylbenzene

MTBE = methyl-tert-butyl-ether

ND = not detected above the laboratory detection limit

TABLE 2
ANALYTICAL RESULTS - GROUNDWATER
WDOT PROJECT #: 7080-05-03, USH 12, MERRILLAN, JACKSON COUNTY, WISCONSIN

Sample Name	WB-2	WB-12	WB-14	WB-16	WATER TRIP BLANK	<i>NR 140 Remedial Action Limits</i>	
Sample Location	B-2	B-12	B-14	B-16	QA/QC		
Date	5/5/2011	5/5/2011	5/5/2011	5/5/2011	5/5/2011		
						<i>ES</i>	<i>PAL</i>
Dissolved Lead (ppb)	< 1.7	< 1.7	< 1.7	15.6	NA	15	1.5
VOCs (ppb)							
Benzene	< 0.41	< 0.41	< 0.41	45.5	0.41	5	0.5
Ethylbenzene	< 0.54	< 0.54	< 0.54	1,210	< 0.54	700	140
Isopropylbenzene	< 0.59	< 0.59	< 0.59	97.4	< 0.59	NS	NS
p-Isopropyltoluene	< 0.67	< 0.67	< 0.67	< 16.8	< 0.67	NS	NS
MTBE	< 0.61	< 0.61	< 0.61	< 15.2	< 0.61	60	12
Naphthalene	< 0.89	< 0.89	< 0.89	293	< 0.89	40	8
n-Propylbenzene	< 0.81	< 0.81	< 0.81	308	< 0.81	NS	NS
Toluene	< 0.67	< 0.67	< 0.67	<u>573</u>	< 0.67	1,000	200
1,2,4-Trimethylbenzene	< 0.97	< 0.97	< 0.97	2,240	< 0.97	480	96
1,3,5-Trimethylbenzene	< 0.83	< 0.83	< 0.83	447	< 0.83		
Xylene (total)	< 1.8	< 1.8	< 1.8	5,420	< 1.8	10,000	1,000

ND = not detected

NS = no standards

MTBE = methyl-tert-butyl-ether

Bolded values indicate concentrations above ES.

Underlined values indicate concentrations above PAL.

NA = Not Analyzed

22006gw4

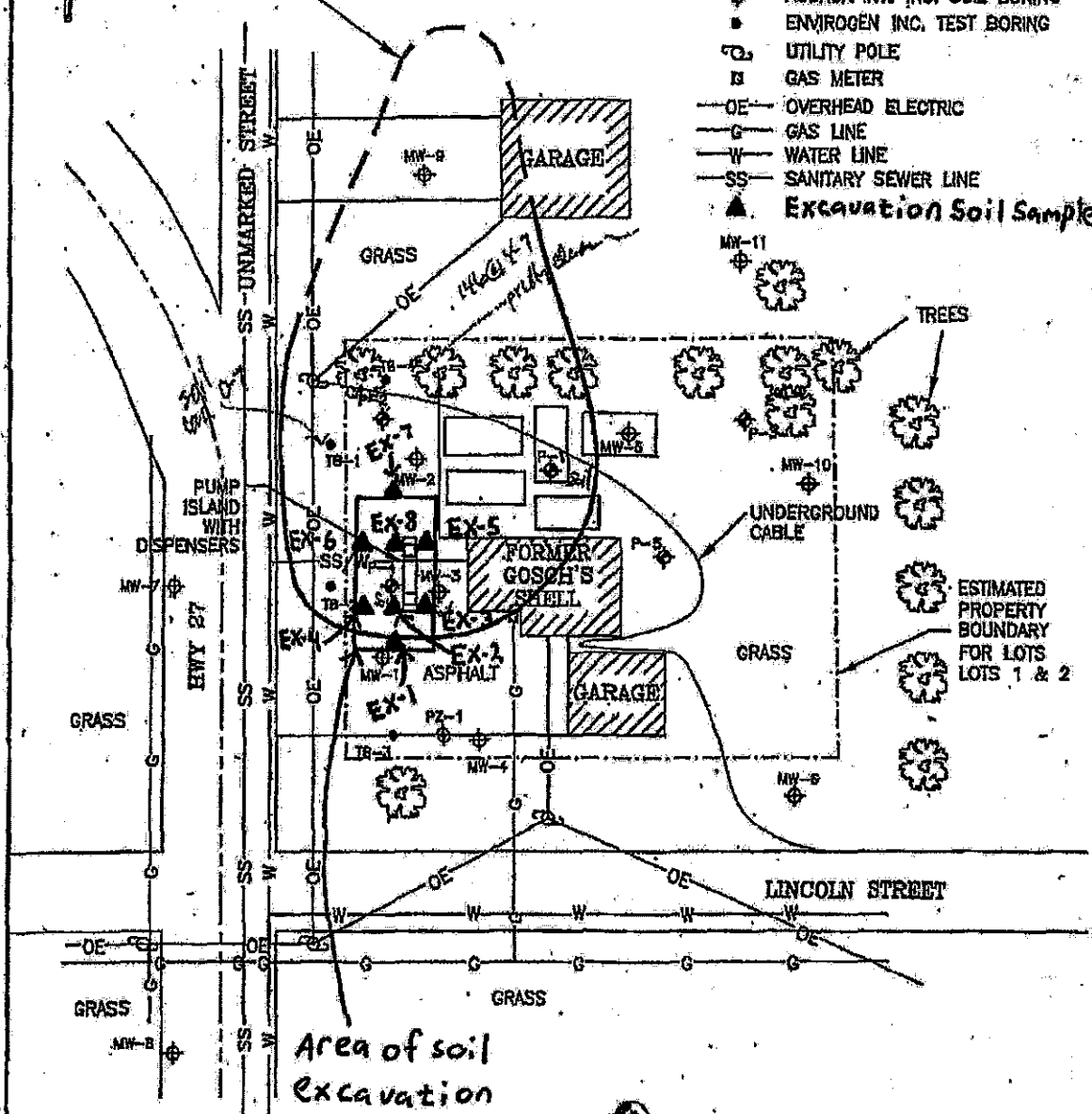
Former Gosch's Shell Station



ESTIMATED EXTENT OF SOIL CONTAMINATION EXCEEDING NR 720 STANDARDS

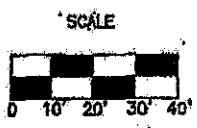
LEGEND

- APPROXIMATE PROPERTY LINE
- - - CENTERLINE
- FORMER UST CAVITY
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- ⊕ AGENDA INT. INC. SOIL BORING
- ⊕ ENVIROGEN INC. TEST BORING
- ⊕ UTILITY POLE
- ⊕ GAS METER
- OE — OVERHEAD ELECTRIC
- G — GAS LINE
- W — WATER LINE
- SS — SANITARY SEWER LINE
- ▲ Excavation Soil Sample



DATE	REVISIONS	APPROVED BY:	CHECKED BY:	PCE	DRAWN BY:	DRAWING NO.
			03/26/04			000410-02

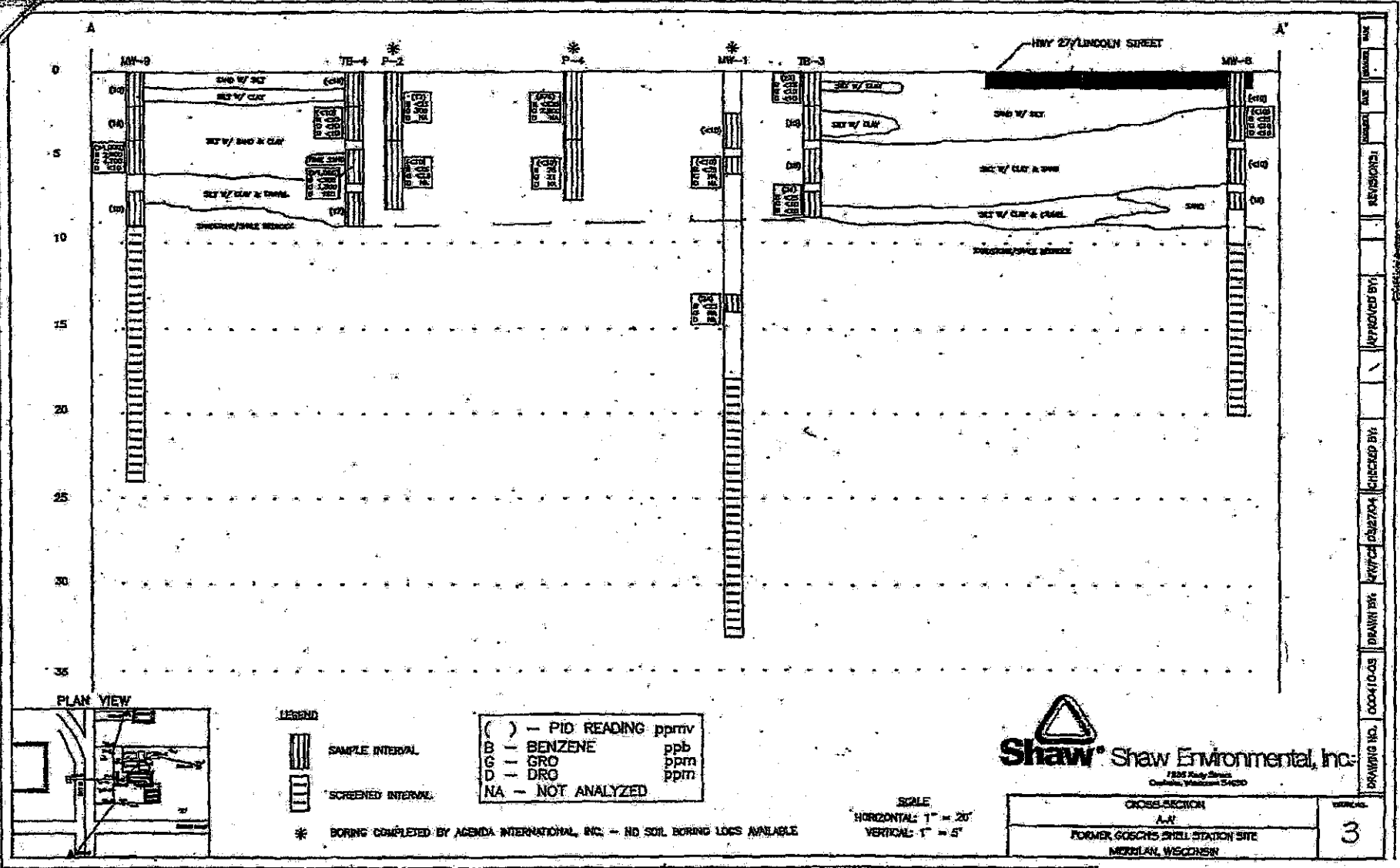
Shaw Shaw Environmental, Inc.
 1245 Rudy Street
 Oshkosh, Wisconsin 54650



Soil Excavation Map
 FORMER GOSCH'S SHELL STATION SITE
 MERRILLAN, WISCONSIN

FIGURE NO.
2

Modified by METCO AN 9/2/10



0
5
10
15
20
25
30
35

HWY 27/LINCOLN STREET

MN-2

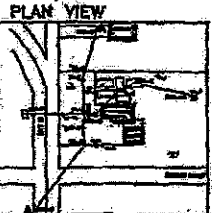
TB-4

TB-2

TB-1

TB-3

MN-6



LEGEND

- SAMPLE INTERVAL
- SCREENED INTERVAL

- () - PID READING ppmv
- B - BENZENE ppb
- G - GRO ppm
- D - DRG ppim
- NA - NOT ANALYZED

* BORING COMPLETED BY ACENDA INTERNATIONAL, INC. -- NO SOIL BORING LOGS AVAILABLE

Shaw Shaw Environmental, Inc.
 1825 Rudy Street
 Oshkosh, Wisconsin 54901

CROSS-SECTION A-A'		3
FORMER GOSCH'S SHELL STATION SITE MORRIS, WISCONSIN		

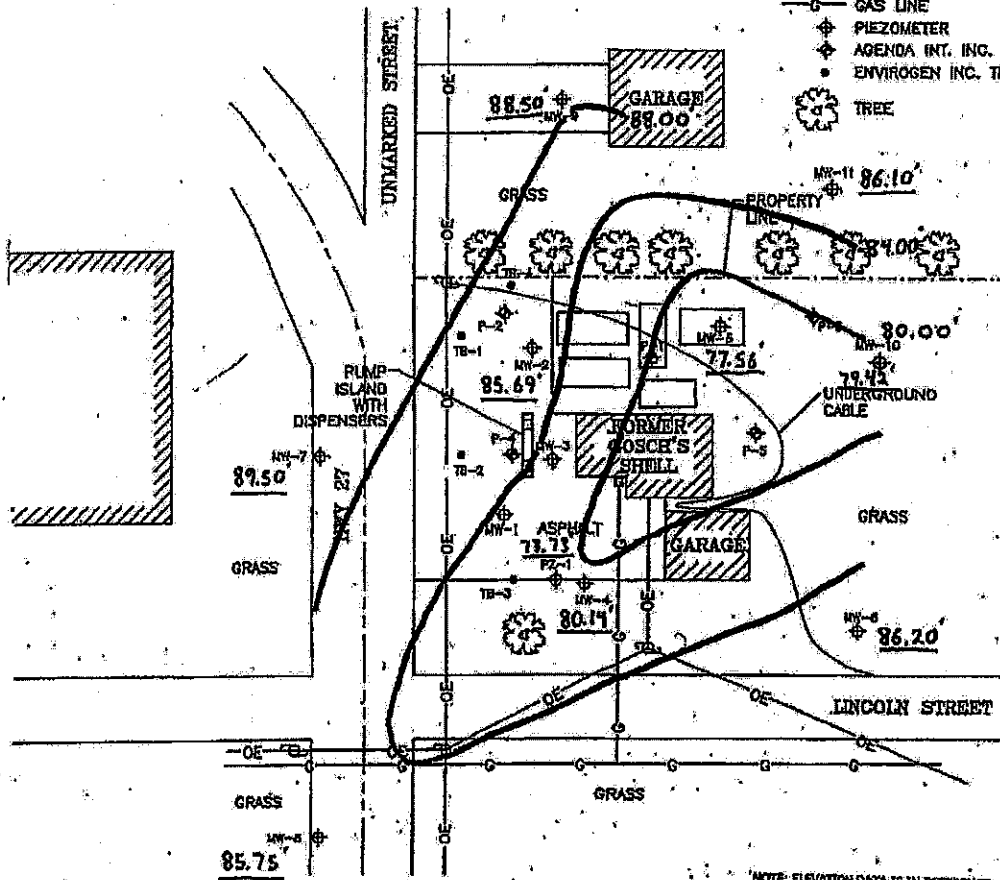
NO.	DATE	BY	REVISIONS
1			APPROVED BY
2			CHECKED BY
3			DRAWN BY
4	000410-03		DRAWING NO.

SCALE
 HORIZONTAL: 1" = 20'
 VERTICAL: 1" = 5'

Groundwater Contour Map (7/20/2010)

LEGEND

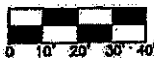
- APPROXIMATE PROPERTY LINE
- CENTERLINE
- FORMER UST CAVITY
- ⊕ MONITORING WELL
- ⊕ UTILITY POLE
- GAS METER
- OE— OVERHEAD ELECTRIC
- G— GAS LINE
- ⊕ PIEZOMETER
- ⊕ AGENDA INT. INC. SOIL BORING
- ⊕ ENVIROGEN INC. TEST BORING
- ⊕ TREE



NOTE: ELEVATION DATA IS IN REFERENCE TO AN ON-SITE BENCH MARK ASSUMED ELEVATION=100 FEET.

NOTE: MONITORING WELLS MW-1 AND MW-3 (FREE PRODUCT IN WELLS) WERE NOT USED.

SCALE



ENVIROGEN

COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

1265 Rudy Street
Oshkosh, Wisconsin 54630

MODIFIED BY METCO, AN, 9/10/2010

Soil Boring, Monitoring Well, and Piezometer Locations

**FORMER GOSCH'S SHELL STATION SITE
MERRILAN, WISCONSIN**

FIGURE NO.

1

DATE	
ENGINEER	
DATE	
ENGINEER	
REVISIONS:	
APPROVED BY:	
CHECKED BY:	
DATE	02/07/03
RRT	
DRAWN BY:	
DRAWING NO.	000410BMI

Groundwater Analytical Results Summary
 Cosch's Shell BRRTS# 03-27-203673

Well MW-1
 PVC Elevation = 09/04/03 97.36 96.72 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromoethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/23/00	NM	NM	1160	<5.2	20	810	<5.0	130	1400	550	1640
10/16/00	NM	NM	760	NS	NS	470	<4.0	NS	970	330	1160
08/10/01	82.83	14.73	740	NS	NS	650	<0.2	NS	1200	600	1400
04/26/02	81.31	16.05	1300	NS	NS	650	<4.9	74	1600	830	2230
08/22/02	79.89	17.47	940	NS	NS	360	<10	130	870	430	1200
09/04/03	78.64	18.18	890	NS	NS	260	6.8	77	260	388	740
10/07/03	78.72	20.00	490	NS	NS	350	36	110	300	440	880
10/16/08	NM	NM	210	<86	0.4	310	<100	<340	172	340-640	650-656
04/20/10	79.94	17.98	262	<7.8	2.4	380	<6	80	274	286	707
07/20/10	78.50	18.22	240	<3.8	1.1	252	<2.5	78	74	297	438

Well MW-2
 PVC Elevation = 08/10/01 98.40 96.41 06/24/02 09/04/03 97.79 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromoethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/23/00	NM	NM	720	<2.1	<4.2	960	<2.0	210	640	1190	2030
08/10/01	83.67	14.73	620	NS	NS	820	<9.2	NS	1300	1380	2300
4/25/2002	84.14	13.65	380	NS	NS	350	<25	35	170	860	880
8/22/2002	82.93	16.48	390	NS	NS	160	<25	<70	220	820	600
9/4/2003	80.88	16.81	170	NS	NS	140	4	36	92	147	245
10/7/2003	80.37	17.42	180	NS	NS	230	28	66	120	336	388
10/16/08	84.49	13.30	283	<43	0.48	440	<60	<170	224	803	823
04/20/10	84.98	12.81	235	<7.8	2.8	320	<5	82	360	590	876
07/20/10	85.89	12.10	570	<3.8	3.3	850	<2.5	220	1290	1580	2640

Well MW-3
 PVC Elevation = 08/10/01 98.13 88.12 06/24/02 09/04/03 97.55 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromoethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/23/00	NM	NM	520	<2.1	8.2	260	<2.0	33	640	265	880
10/16/00	NM	NM	390	NS	NS	370	<2.0	NS	620	420	880
08/10/01	NM	NM	780	NS	NS	890	<9.2	NS	1000	1350	2600
04/26/02	79.64	18.48	2000	NS	NS	1500	<250	4100	3400	1940	7400
08/22/02	79.24	18.88	1200	NS	NS	670	<100	<280	330	950	1700
09/04/03	78.71	20.84	470	NS	NS	750	18	150	770	1360	2890
10/07/03	78.34	21.21	400	NS	NS	560	<8.1	79	600	1350	2090
10/16/08	77.97	19.58	410	<43	<0.0088	740	<60	<170	1000	913	2320
04/20/10	78.41	19.14	232	<7.8	2.9	1100	<5	320	760	2720	4180
07/20/10	79.86	17.67	263	<7.8	2.1	670	<5	181	590	777	2060

Well MW-4
 PVC Elevation = 08/10/01 98.19 87.71 06/24/02 09/04/03 97.09 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromoethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/23/00	NM	NM	670	<5.2	<10	170	<5.0	53	3000	208	1430
10/16/00	NM	NM	180	NS	NS	86	<0.50	NS	220	96	313
08/10/01	77.31	20.88	540	NS	NS	280	<4.8	NS	1400	259	940
04/26/02	80.67	18.12	1500	NS	NS	340	<4.9	28	3100	300	1740
08/22/02	78.83	18.88	2200	NS	NS	480	<25	130	2800	830	2300
09/04/03	78.25	20.84	490	NS	NS	130	<2.3	110	360	460	980
10/07/03	78.88	21.21	170	NS	NS	13	4.5	34	110	703	268
9/10/2008	75.16	21.98	148	NS	NS	16	<3.6	181	1380	478	1970
10/16/09	78.41	18.88	1480	<86	<0.0088	340	<100	<340	7900	720-1020	4630
04/20/10	78.18	17.91	890	<19	12	700	<12.5	280	6980	760	3670
07/20/10	80.14	16.95	810	<38	7.4	870	<25	330	5690	716	3230

Note: Bold type indicates an ES exceedance, Italics indicates a PAL exceedance, NS = not sampled, NM = Not Measured
 Q = Analyte detected above laboratory method detection limit but below practical quantitation limit. BDL = Below Detection

Groundwater Analytical Results Summary
Goch's Shaft BRRTS# 03-27-203673

Well MW-6 08/10/01 98.89
PVC Elevation = 09/04/03 98.24 (feet) (MSL)

Date	Water Elevation (In feet msl)	Depth to Water (In feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromo-ethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/23/00	NM	NM	<0.29	<0.21	<0.42	<0.57	<0.20	<0.27	1.4	<0.63	<0.63
08/10/01	76.39	23.50	20	NS	NS	13	<0.48	NS	12	15.7	28
4/25/2002	77.41	21.48	100	NS	NS	52	<0.49	4	59	102	232
8/22/2002	NM	NM	160	NS	NS	73	<2.5	27	180	220	450
9/4/2003	74.79	28.45	59	NS	NS	5.3	0.7	7.2	11	22	41
10/7/2003	74.82	23.42	25	NS	NS	5.2	1.4	3.9	2.1	6.1	9.4
9/10/2008	73.55	24.68	7.8	NS	NS	<0.40	<0.36	<0.47	<0.36	<0.79	<1.1
10/15/09	76.62	21.72	<0.41	<0.43	<0.0068	<0.87	<0.5	<1.7	<0.81	<2.6	<2.13
04/20/10	76.66	21.66	<0.38	<0.38	0.02	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62
07/20/10	77.56	20.86	5.5	0.72	0.13	<0.55	<0.25	<2.4	<0.72	2.32	4.94

Well MW-6 04/15/02 98.16 98.17 08/24/02
PVC Elevation = 09/04/03 97.52 (feet) (MSL)

Date	Water Elevation (In feet msl)	Depth to Water (In feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromo-ethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
4/25/2002	81.83	16.33	74	2	1.5	20	<0.07	4.1	80	16.3	78
8/22/2002	84.28	13.89	4.7	<0.54	<0.48	<0.49	<0.49	<1.4	<0.83	<1.14	1.1
9/4/2003	83.25	14.27	1.3	<0.36	<0.58	<0.54	<0.61	<0.74	<0.67	<1.80	<2.63
10/7/2003	80.20	17.32	150	NS	NS	6.9	0.90	6	36	6.6	32
9/10/2008	84.47	13.06	0.41	NS	NS	<0.40	<0.36	<0.47	<0.36	<0.79	<1.1
10/15/09	85.16	12.36	<0.41	<0.43	<0.0068	<0.87	<0.5	<1.7	<0.81	<2.6	<2.13
04/20/10	86.30	11.22	<0.38	<0.38	<0.0068	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62
07/20/10	88.20	11.32	<0.38	<0.38	<0.0068	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62

Well MW-7 04/15/02 98.76 98.78 08/24/02
PVC Elevation = 04/20/10 95.65 09/04/03 96.17 (feet) (MSL)

Date	Water Elevation (In feet msl)	Depth to Water (In feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromo-ethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
4/25/2002	84.18	12.58	1300	18	<10	880	<3.6	220	1200	750	1850
8/22/2002	83.66	13.12	1300	<27	<24	780	<28	160	1100	630	1930
9/4/2003	82.77	13.40	580	<3.5	<5.8	550	<6.1	180	470	337	840
10/7/2003	82.23	13.94	1100	NS	NS	780	41	220	720	510	1280
9/10/2008	89.67	6.80	205	NS	NS	137	<0.36	32.9	15.1	25.8	62.2
10/15/09	89.48	6.99	3.8	<0.43	<0.0068	<0.87	<0.5	<1.7	<0.81	<2.6	<2.13
04/20/10	90.23	5.62	<0.38	<0.38	0.01	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62
07/20/10	89.60	6.36	1.65	<0.38	0.01	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62

Well MW-8 04/15/02 94.29 94.32 08/24/02
PVC Elevation = 04/20/10 93.82 09/04/03 93.7 (feet) (MSL)

Date	Water Elevation (In feet msl)	Depth to Water (In feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromo-ethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
4/25/2002	85.69	8.70	0.87	<0.12	<0.19	<0.08	<0.07	<0.1	<0.08	0.14	<0.034
8/22/2002	84.10	10.22	0.57	NS	NS	<0.49	<0.49	<1.4	<0.63	<1.14	<1.5
9/4/2003	82.76	10.95	3.8	NS	NS	<0.60	<0.58	<0.66	<0.66	<1.18	<1.64
10/7/2003	82.37	11.39	12	NS	NS	<0.60	<0.58	<0.66	<0.66	<1.18	<1.64
9/10/2008	83.46	10.24	<0.23	NS	NS	<0.40	<0.36	<0.47	<0.36	<0.79	<1.1
10/15/09	84.29	9.41	<0.41	<0.43	<0.0068	<0.87	<0.5	<1.7	<0.81	<2.6	<2.13
04/20/10	84.99	8.53	<0.38	<0.38	<0.0068	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62
07/20/10	86.76	7.77	<0.38	<0.38	<0.0068	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62

Note: Bold type indicates an ES exceedance, #/## indicates a PAL exceedance. NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit. BDL = Below Detection

Groundwater Analytical Results Summary
Gosch's Shell BRRTS# 03-27-208673

Well MW-9
PVC Elevation = 04/16/02 100.01 100.04 06/24/02
09/04/03 99.48 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromoethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
4/26/2002	84.02	16.99	48	<6	<10	680	<3.5	150	860	880	2010
8/22/2002	83.24	16.80	48	<11	<10	510	<10	210	890	2210	1740
9/4/2003	81.76	18.27	31	<3.8	<5.6	200	<6.1	54	100	410	543
10/7/2003	NM	NM	28	NS	NS	160	31	63	78	390	510
10/16/09	COULD NOT LOCATE										
04/20/10	FREE PRODUCT										
07/20/10	NOT SAMPLED - THICK SHEEN										

Well MW-10
PVC Elevation = 98.16 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromoethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
8/4/2003	74.66	23.51	170	<0.72	6.1	8.8	<1.2	77	14	33.7	101
10/7/2003	74.86	23.31	17	NS	3.1	4.5	<0.61	3.5	17	35	88
9/10/2008	75.06	23.08	181	NS	NS	<0.40	<0.38	5.6	1.5	7.34	29.9
10/15/09	77.28	20.88	197	14	<0.0068	<0.87	<0.5	10.8	3.5	19.31	87.6
04/20/10	78.10	20.08	194	<3.8	3	<5.5	<2.5	<24	<7.2	12-17.5	48.4
07/20/10	78.42	18.74	280	21.8	2.8	<0.55	<0.25	19.7	4.7	14.42	58.3

Well MW-11
PVC Elevation = 99.01 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromoethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
9/4/2003	74.72	24.29	28	<0.36	<0.58	1.1	<0.61	2.4	17	11	30.7
10/7/2003	74.99	24.02	3.5	NS	NS	0.83	10	<0.68	3.0	<1.18	0.80
9/10/2008	81.92	17.09	<0.23	NS	NS	<0.40	<0.38	<0.47	<0.36	<0.79	<1.1
10/16/09	84.25	14.76	<0.41	<0.43	<0.0068	<0.87	<0.5	<1.7	<0.51	<2.6	<2.18
04/20/10	86.02	12.99	<0.38	<0.38	<0.0068	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62
07/20/10	86.10	12.91	<0.38	<0.38	<0.0068	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62

Well PZ-1
PVC Elevation = 04/16/02 97.72 97.73 06/24/02
09/04/03 97.08 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Benzene (ppb)	1,2 DCA (ppb)	EDB (1,2-dibromoethane) (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
4/26/2002	74.50	23.22	0.11	<0.12	<0.19	<0.08	<0.07	<0.1	<0.08	1.09	<0.34
8/22/2002	73.56	24.17	<0.43	NS	NS	<0.49	<0.49	<1.4	<0.83	<1.14	<1.5
9/4/2003	72.29	24.79	<0.38	NS	NS	<0.60	<0.58	<0.58	<0.58	<1.18	<1.84
10/7/2003	72.86	24.22	<0.38	NS	NS	<0.60	<0.58	<0.68	<0.58	<1.18	<1.84
9/10/2008	72.25	24.83	<0.23	NS	NS	<0.40	<0.38	<0.47	<0.36	<0.79	<1.1
10/16/09	73.77	23.31	<0.41	<0.43	<0.0068	<0.87	<0.5	<1.7	<0.51	<2.6	<2.18
04/20/10	73.59	23.49	<0.38	<0.38	<0.0068	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62
07/20/10	73.73	23.35	<0.38	<0.38	<0.0068	<0.55	<0.25	<2.4	<0.72	<1.20	<1.62

Note: Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance. NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit. BDL = Below Detection

**Summary of Free Product Levels & Recovery
Gosch's Shell (Former) BRRTS#03-27-203673**

DATE		MW-1	MW-2	MW-3	MW-9	GALS REC./PERIOD	TOT GALS RECOVERED
10/15/09	Inches of FP	0.25	0	0	3	0.16	0.16
	Gals Recovered	0.01	0	0	0.15		
	Inches of Sock Saturated	No Sock	No Sock	No Sock	No Sock		
04/20/10	Inches of FP	0	0	0	1	0.03	0.19
	Gals Recovered	0	0	0	0.03		
	Inches of Sock Saturated	No Sock	No Sock	No Sock	No Sock		
07/20/10	Inches of FP	0.25	0	0.25	0	0.02	0.21
	Gals Recovered	0.01	0	0.01	0		
	Inches of Sock Saturated	No Sock	No Sock	No Sock	No Sock		

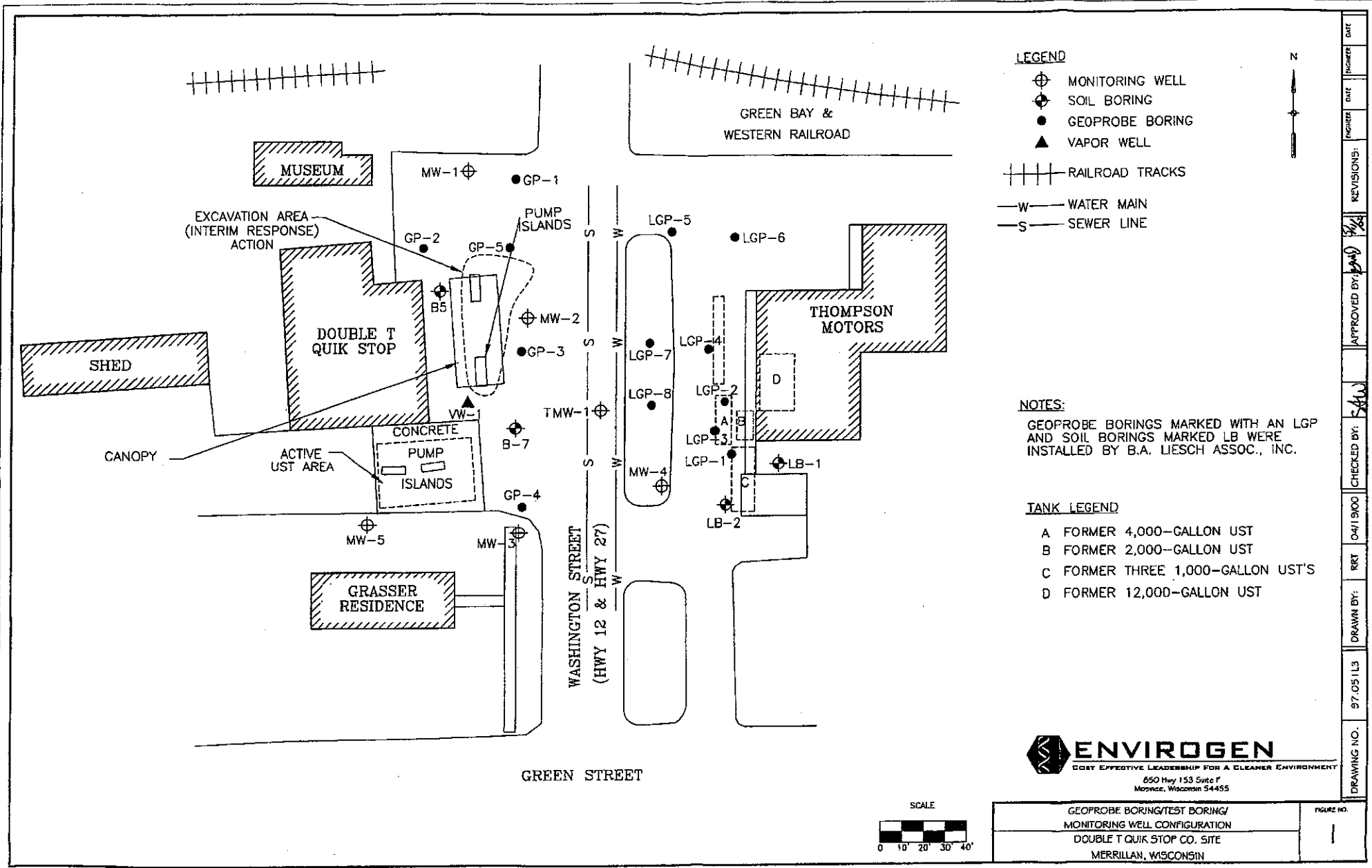
SOIL EXCAVATION DATA TABLE FOR GOSCH'S SHELL BRRTS# 03-27-203873
BY METCO

EXCAVATION & SAMPLING CONDUCTED ON OCTOBER 16, 2009

SOIL SAMPLES	EX-1	EX-2	EX-3	EX-4	EX-5	EX-6	EX-7	EX-8	MEOH BLANK
Sample Location Number	3.5	7-8	3.5	3.5	3.5	3.5	3.5	7-8	==
Sample Depth Below Ground Surface in feet	3.5	7-8	3.5	3.5	3.5	3.5	3.5	7-8	==
Soil Type	SAND	WEATHERED SANDSTONE	CLAYSILT	SAND	SILTCLAY	SILT/CLAY	SILT/CLAY	WEATHERED SANDSTONE	==
Petroleum Odors	NO	YES	NO	YES	YES	YES	YES	YES	==
Petroleum Staining	NO	YES	NO	NO	NO	NO	NO	NO	==
Percent Solids/%	92.4	92.5	92.5	93	85.2	85.4	85.2	85.9	ns
Benzene/ppb	<20	<200	<20	<200	<20	<200	<20	<200	<20
Bromobenzene/ppb	<34	<340	<34	<340	<34	<340	<34	<340	<34
Bromodichloromethane/ppb	<16	<160	<16	<160	<16	<160	<16	<160	<16
Bromofom/ppb	<23	<230	<23	<230	<23	<230	<23	<230	<23
tert-Butylbenzene/ppb	<23	<230	<23	<230	<23	<230	<23	<230	<23
sec-Butylbenzene/ppb	<25	390 "J"	<25	3120	<25	2410	<25	940	<25
n-Butylbenzene/ppb	<35	1810	<35	11300	<35	12800	<35	5000	<35
Carbon Tetrachloride/ppb	<21	<210	<21	<210	<21	<210	<21	<210	<21
Chlorobenzene/ppb	<16	<160	<16	<160	<16	<160	<16	<160	<16
Chloroethane/ppb	<23	<230	<23	<230	<23	<230	<23	<230	<23
Chloroform/ppb	<50	<500	<50	<500	<50	<500	<50	<500	<50
Chloromethane/ppb	<43	<430	<43	<430	<43	<430	<43	<430	<43
2-Chlorotoluene/ppb	<31	<310	<31	<310	<31	<310	<31	<310	<31
4-Chlorotoluene/ppb	<24	<240	<24	<240	<24	<240	<24	<240	<24
1,2-Dibromo-3-chloropropane/ppb	<37	<370	<37	<370	<37	<370	<37	<370	<37
Dibromochloromethane/ppb	<21	<210	<21	<210	<21	<210	<21	<210	<21
1,4-Dichlorobenzene/ppb	<42	<420	<42	<420	<42	<420	<42	<420	<42
1,3-Dichlorobenzene/ppb	<41	<410	<41	<410	<41	<410	<41	<410	<41
1,2-Dichlorobenzene/ppb	<32	<320	<32	<320	<32	<320	<32	<320	<32
Dichlorodifluoromethane/ppb	<33	<330	<33	<330	<33	<330	<33	<330	<33
1,2-Dichloroethane/ppb	<24	<240	<24	<240	<24	<240	<24	<240	<24
1,1-Dichloroethane/ppb	<22	<220	<22	<220	<22	<220	<22	<220	<22
1,1-Dichloroethene/ppb	<27	<270	<27	<270	<27	<270	<27	<270	<27
cis-1,2-Dichloroethene/ppb	<24	<240	<24	<240	<24	<240	<24	<240	<24
trans-1,2-Dichloroethene/ppb	<29	<290	<29	<290	<29	<290	<29	<290	<29
1,2-Dichloropropane/ppb	<19	<190	<19	<190	<19	<190	<19	<190	<19
2,2-Dichloropropane/ppb	<115	<1150	<115	<1150	<115	<1150	<115	<1150	<115
1,3-Dichloropropane/ppb	<21	<210	<21	<210	<21	<210	<21	<210	<21
Di-isopropyl ether/ppb	<15	<150	<15	<150	<15	<150	<15	<150	<15
EDB (1,2-Dibromoethane)/ppb	<21	<210	<21	<210	<21	<210	<21	<210	<21
Ethylbenzene/ppb	<16	3900	<16	48000	89	28200	48 "J"	9700	<16
Hexachlorobutadiene/ppb	<50	<500	<50	<500	<50	<500	<50	<500	<50
Isopropylbenzene/ppb	<30	880 "J"	<30	8800	<30	8800	<30	2018	<30
p-Isopropyltoluene/ppb	<30	<300	<30	2370	<30	3400	<30	1240	<30
Methylene chloride/ppb	<44	<440	<44	<440	<44	<440	<44	<440	<44
Methyl tert-butyl ether (MTBE)/ppb	<23	<230	<23	<230	<23	<230	<23	<230	<23
Naphthalene/ppb	<117	2180 "J"	<117	13700	<117	22300	<117	9080	<117
n-Propylbenzene/ppb	<29	3400	<29	19300	<29	26800	<29	6380	<29
1,1,2,2-Tetrachloroethane/ppb	<25	<250	<25	<250	<25	<250	<25	<250	<25
1,1,1,2-Tetrachloroethane/ppb	<27	<270	<27	<270	<27	<270	<27	<270	<27
Tetrachloroethene/ppb	<18	<180	<18	<180	<18	<180	<18	<180	<18
Toluene/ppb	<23	1380	<23	21500	<23	6000	<23	1490	<23
1,2,4-Trichlorobenzene/ppb	<53	<530	<53	<530	<53	<530	<53	<530	<53
1,2,3-Trichlorobenzene/ppb	<87	<870	<87	<870	<87	<870	<87	<870	<87
1,1,1-Trichloroethane/ppb	<27	<270	<27	<270	<27	<270	<27	<270	<27
1,1,2-Trichloroethane/ppb	<30	<300	<30	<300	<30	<300	<30	<300	<30
Trichloroethene (TCE)/ppb	<20	<200	<20	<200	<20	<200	<20	<200	<20
Trichlorofluoromethane/ppb	<16	<160	<16	<160	<16	<160	<16	<160	<16
1,2,4-Trimethylbenzene/ppb	<20	26000	<20	117000	89 "J"	144000	63	39000	<20
1,3,5-Trimethylbenzene/ppb	<24	8700	<24	34000	24.9 "J"	42000	33 "J"	12100	<24
Vinyl Chloride/ppb	<17	<170	<17	<170	<17	<170	<17	<170	<17
m,p-Xylene/ppb	<33	26800	<33	170000	132	184000	89 "J"	48000	<33
o-Xylene/ppb	<15	7200	<15	57000	70	57000	85	14700	<15

NOTE: Bold = detects NS = NOT SAMPLED
J Flag: Analyte detected between LOD and LOQ

Double T Quik Stop

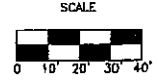


- LEGEND**
- ⊕ MONITORING WELL
 - ⊙ SOIL BORING
 - GEOPROBE BORING
 - ▲ VAPOR WELL
 - |||| RAILROAD TRACKS
 - W— WATER MAIN
 - S— SEWER LINE

NOTES:
 GEOPROBE BORINGS MARKED WITH AN LGP AND SOIL BORINGS MARKED LB WERE INSTALLED BY B.A. LIESCH ASSOC., INC.

- TANK LEGEND**
- A FORMER 4,000-GALLON UST
 - B FORMER 2,000-GALLON UST
 - C FORMER THREE 1,000-GALLON UST'S
 - D FORMER 12,000-GALLON UST

ENVIROGEN
 COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT
 650 Hwy 153 Suite F
 Mosinee, Wisconsin 54455



GEOPROBE BORING/TEST BORING/ MONITORING WELL CONFIGURATION DOUBLE T QUIK STOP CO. SITE MERRILLAN, WISCONSIN	FIGURE NO. 1
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DRAWING NO.	97.05/13	DRAWN BY:	RRT	CHECKED BY:	SAL	APPROVED BY:	[Signature]	REVISIONS:		DATE	NUMBER	GATE
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TABLE 1

**Postremedial Groundwater Sample Laboratory Analytical Results
 Double T Quik Stop site
 Merrilan, Wisconsin
 TMW-1**

Sample Date	Parameters						
	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	GRO
10/13/00	71.7	81.3	<25.0	110	45.0	<25.0	631
NR 140 ES	5.0	700	1,000	10,000	480	60	NS
NR 140 PAL	0.5	140	200	1,000	96	12	NS

(Continued)

Notes:

All results are reported in ppb.

Shading indicates value equals or exceeds the NR 140 preventive action limit

- GRO: Gasoline range organics
- MTBE: Methyl t-butyl ether
- TMBs: Trimethylbenzenes
- ES: Enforcement standard
- PAL: Preventive action limit
- NS: No standard

Checked by: DJK
 Approved by: VLL

TABLE 1 (Continued)

Postremedial Groundwater Sample Laboratory Analytical Results
 Double T Quik Stop site
 Merrillan, Wisconsin
 MW-2

Sample Date	Days Operating	Parameters								
		Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	DRO (ppm)	GRO
6/22/95	422	10	31	120	120	19	<1.0	NA	NA	500
7/9/96	805	306	1,363	4,059	5,710	1,138	<250	275	NA	2,900
7/23/96	819	NS	NS	NS	NS	NS	NS	NS	NS	NS
5/21/98	1486	320	1,900	3,600	6,500	1,690	<20	340	4.5	19,000
8/25/98	1582	180	1,900	2,700	6,500	1,870	<33	280	5.7	12,000
11/30/98	1679	120	1,400	2,300	5,000	1,380	40	240	3.5	17,000
2/23/99	1764	79	2,000	2,200	6,900	1,980	<12	360	3.6	26,000
8/24/99	1946	370	1,600	3,000	5,250	1,520	5.2	300	NA	23,000
11/17/99	2030	100	1,500	2,300	5,200	1,660	51	300	NA	19,000
NR 140 ES		5.0	700	1,000	10,000	480	60	40	NS	NS
NR 140 PAL		0.5	140	200	1,000	96	12	8	NS	NS

(Continued)

Notes:

All results are reported in ppb unless otherwise noted.



Cross hatching indicates value equals or exceeds the NR 140 preventive action limit



Shading indicates value equals or exceeds the NR 140 enforcement standard

- GRO: Gasoline range organics
- DRO: Diesel range organics
- MTBE: Methyl t-butyl ether
- TMBs: Trimethylbenzenes
- NS: No standard/not sampled
- NA: Not analyzed
- PAL: Preventive action limit
- ES: Enforcement standard

Checked by: DRL
 Approved by: VIC

TABLE 1 (Continued)

Postremedial Groundwater Sample Laboratory Analytical Results
 Double T Quik Stop site
 Merrilan, Wisconsin
 MW-4

Sample Date	Days Operating	Parameters								
		Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	DRO (ppm)	GRO
6/22/95	422	190	180	81	610	196	1.0	NA	NA	2,300
7/9/96	805	NS	NS	NS	NS	NS	NS	NS	NS	NS
7/23/96	819	244	278	137	710	6,175	<5.0	63.4	NA	2,690
5/21/98	1486	160	220	62	550	289	<0.82	44	0.47	2,800
8/25/98	1582	320	370	130	1,200	402	<6.6	64	1.9	1,800
11/30/98	1679	370	630	380	2,400	770	13	190	3.4	8,200
2/23/99	1764	280	290	49	680	258	<1.6	67	1.2	2,900
8/24/99	1946	350	400	150	1,390	430	1.7	100	NA	5,400
11/17/99	2030	400	480	130	1,460	510	9.7	120	NA	5,100
NR 140 ES		5.0	700	343	620	480	60	40	NS	NS
NR 140 PAL		0.5	140	68.6	124	96	12	8	NS	NS

Notes:

All results are reported in ppb unless otherwise noted.



Cross hatching indicates value equals or exceeds the NR 140 preventive action limit



Shading indicates value equals or exceeds the NR 140 enforcement standard

GRO: Gasoline range organics NS: No standard/not sampled
 DRO: Diesel range organics NA: Not analyzed
 MTBE: Methyl t-butyl ether PAL: Preventive action limit
 TMBs: Trimethylbenzenes ES: Enforcement standard

Checked by: DLE
 Approved by: WU

TABLE 2

Preremedial Soil Sample Laboratory Analytical Results
 Double T Quik Stop Site
 Merrilan, Wisconsin

Sample Location	Sample Depth (ft)	Sample Date	Parameters							
			Benzene	Ethylbenzene	MTBE	TMBs	Xylenes	Toluene	DRO (ppb)	GRO (ppm)
Stockpile 1		4/26/94	0.0012	0.0102	<0.0009	0.0342	0.0404	0.0112	133	394
Stockpile 2			<0.0002	<0.0005	<0.0009	<0.001	<0.001	<0.0009	<5.0	<5.0
GP-1	6 to 8	6/28/94	<0.078	<0.16	<0.31	<0.32	<0.32	<0.31	<5.0	<5.0
	10 to 12		<0.1	<0.2	<0.4	<0.4	<0.4	<0.4	<5.0	<5.0
GP-2	6 to 8		<0.07	<0.14	<0.28	<0.28	<0.28	<0.28	<5.0	<5.0
	10 to 12		<0.077	<0.15	<0.31	<0.46	<0.30	<0.31	<5.0	<5.0
GP-3	6 to 8		<0.07	<0.14	<0.28	<0.28	<0.28	<0.28	<5.0	<5.0
	10 to 12		0.099	<0.16	<0.31	<0.32	0.253	0.485	<5.0	<5.0
GP-4	6 to 8		<0.075	<0.15	<0.30	<0.30	<0.30	<0.30	<5.0	<5.0
	10 to 12		<0.078	<0.15	<0.31	<0.30	<0.30	<0.31	<5.0	<5.0
GP-5	6 to 8		<0.077	<0.15	<0.31	<0.30	<0.30	<0.31	<5.0	<5.0
	10 to 12		<0.084	<0.17	<0.34	<0.34	<0.34	<0.34	<5.0	<5.0
MW-1	4to6		<5.0	<5.0	<5.0	<5.0	<15	<5.0	NA	<10
	6.5 to 8.5		<5.0	<5.0	<5.0	<5.0	<15	<5.0	NA	<10
MW-2	2.5 to 4.5	<1,300	2,400	<1,300	17,000	9,300	1,400	NA	750	
	5 to 7	1,600	16,000	<5.0	18,000	74,000	10,000	NA	1,600	
MW-3	2.5 to 4.5	<5.0	<5.0	<5.0	<5.0	<15	<5.0	NA	<10	
	5 to 7	<5.0	<5.0	<5.0	<5.0	<15	<5.0	NA	<10	
	10 to 12	<5.0	<5.0	<5.0	<5.0	<15	<5.0	NA	<10	
MW-4	2.5 to 4.5	<5.0	7.0	<5.0	6.0	28	7.0	NA	<25	
	5 to 7	<5.0	<5.0	<5.0	<5.0	<15	<5.0	NA	<10	
	7.5 to 9.5	<5.0	<5.0	<5.0	<5.0	<15	<5.0	NA	<10	
NR 720 Generic Soil Standards			5.5	2,900	NS	NS	4,100	1,500	100	100

Notes:

All results are reported in ppb unless otherwise noted.

Shading indicates value equals or exceeds the NR 720 generic soil standard

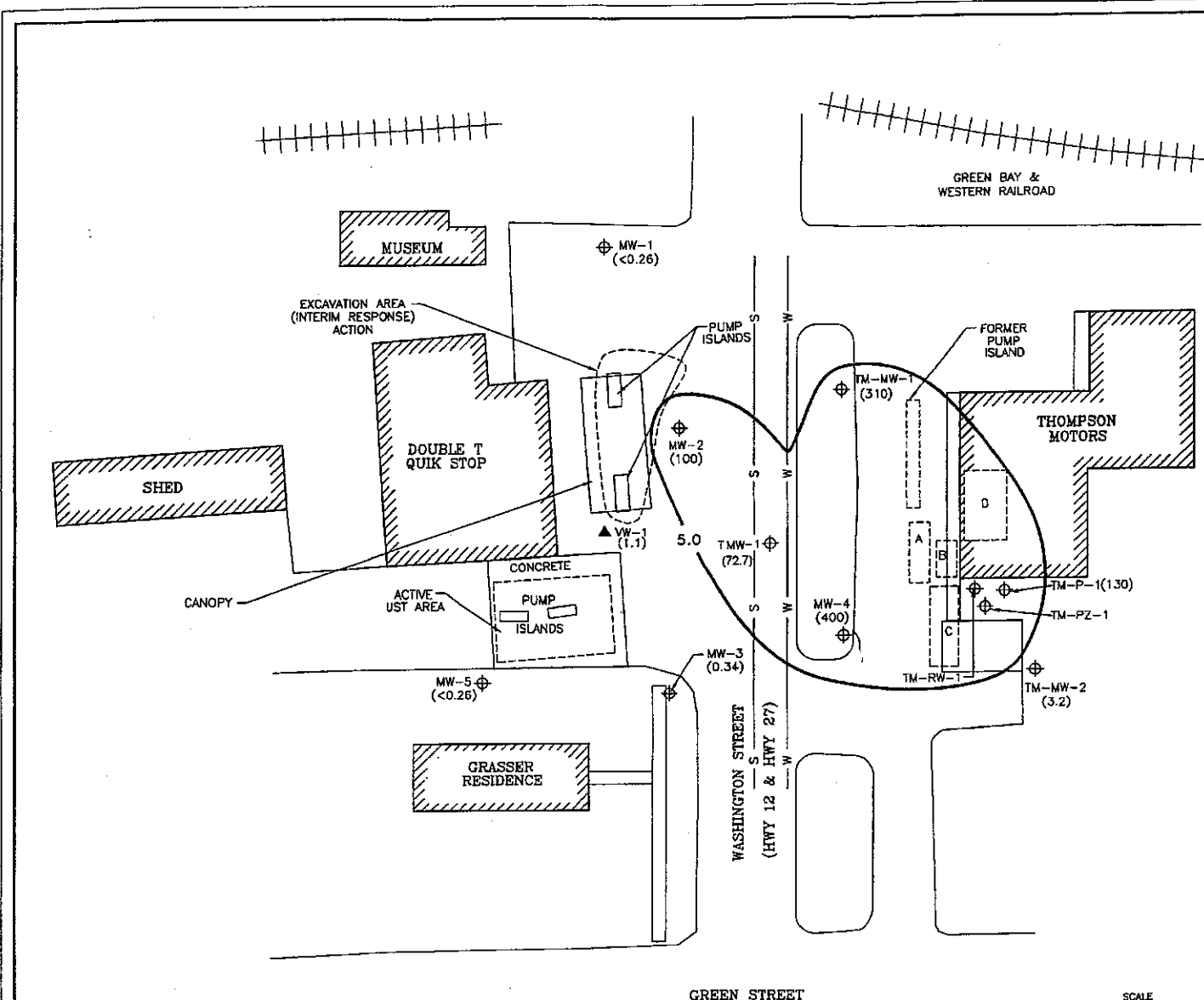
GRO: Gasoline range organics DRO: Diesel range organics

TMBs: Trimethylbenzenes NA: Not analyzed

MTBE: Methyl t-butyl ether NS: No standard

Checked by: *[Signature]*

Approved by: *[Signature]*



- LEGEND**
- |||| RAILROAD TRACKS
 - ⊕ MONITORING WELL
 - ▲ VAPOR WELL
 - W — WATER MAIN
 - () BENZENE CONCENTRATION IN ppb
 - 5.0 ISOCONCENTRATION CONTOUR
 - S — SEWER LINE

- TANK LEGEND**
- A FORMER 4,000-GALLON UST
 - B FORMER 2,000-GALLON UST
 - C FORMER THREE 1,000-GALLON UST'S
 - D FORMER 12,000-GALLON UST

NOTES:

BENZENE CONCENTRATIONS IN MONITORING WELLS TM-MW-1, TM-MW-2, AND TM-P-1 ARE RESULTS OF WATER SAMPLES COLLECTED ON 1/5/00 BY LIESCH ASSOCIATES, INC. PERSONNEL

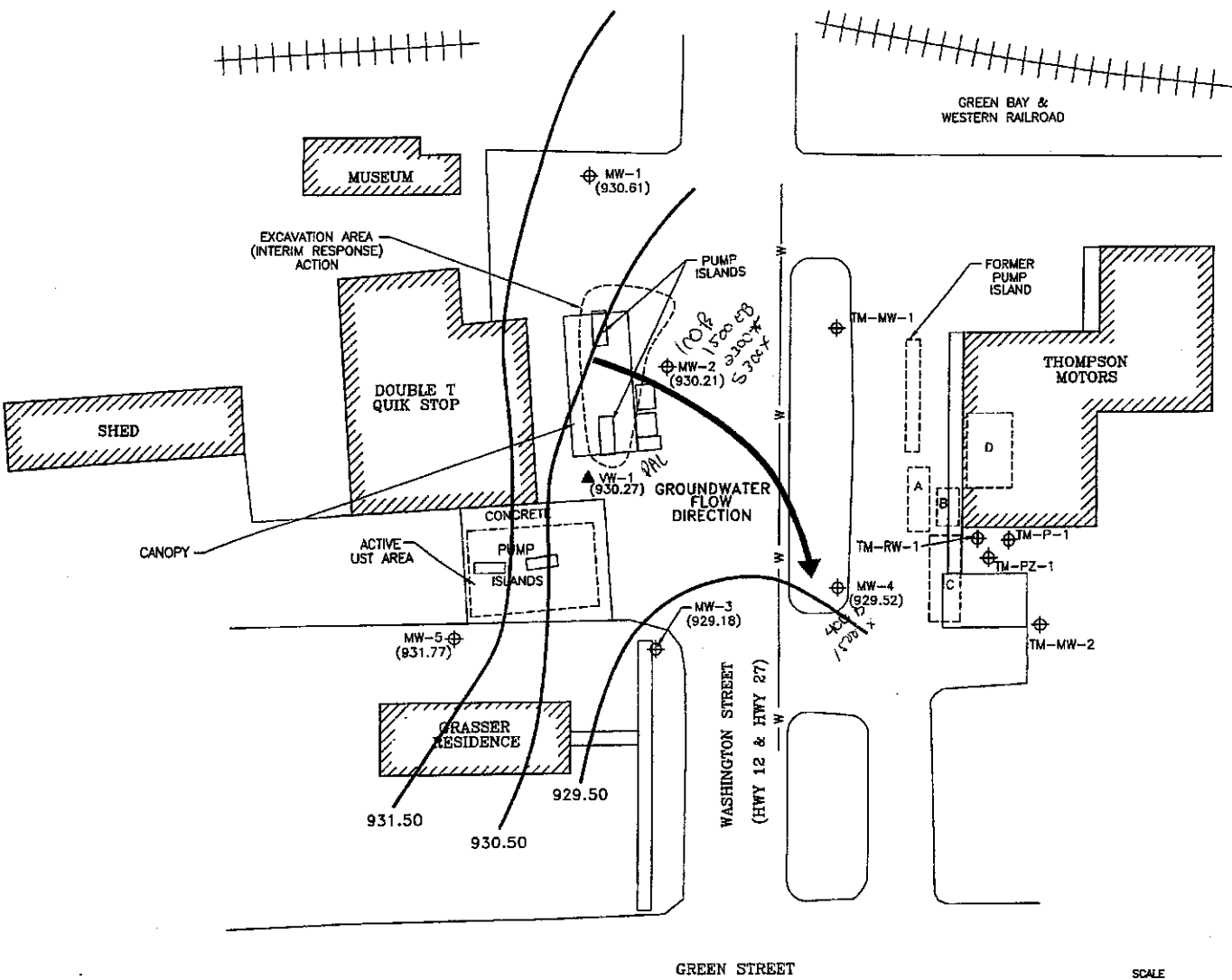
NR 140 ENFORCEMENT STANDARD FOR BENZENE IS 5.0 ppb



POSTREMEDIATION GROUNDWATER BENZENE DISTRIBUTION (11/17/99 & 10/13/00)
 DOUBLE T QUIK STOP SITE
 MERRILLAN, WISCONSIN

DRAWING NO.	97-05-113	DRAWN BY:	RRT	CHECKED BY:	SAJ	APPROVED BY:	19/00	REVISIONS:	ENGINEER	DATE
-------------	-----------	-----------	-----	-------------	-----	--------------	-------	------------	----------	------

FIGURE NO.
2



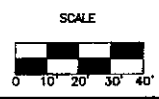
LEGEND

- RAILROAD TRACKS
- MONITORING WELL
- VAPOR WELL
- WATER MAIN
- () ELEVATION IN FEET ABOVE MSL
- ISOELEVATION CONTOUR

TANK LEGEND

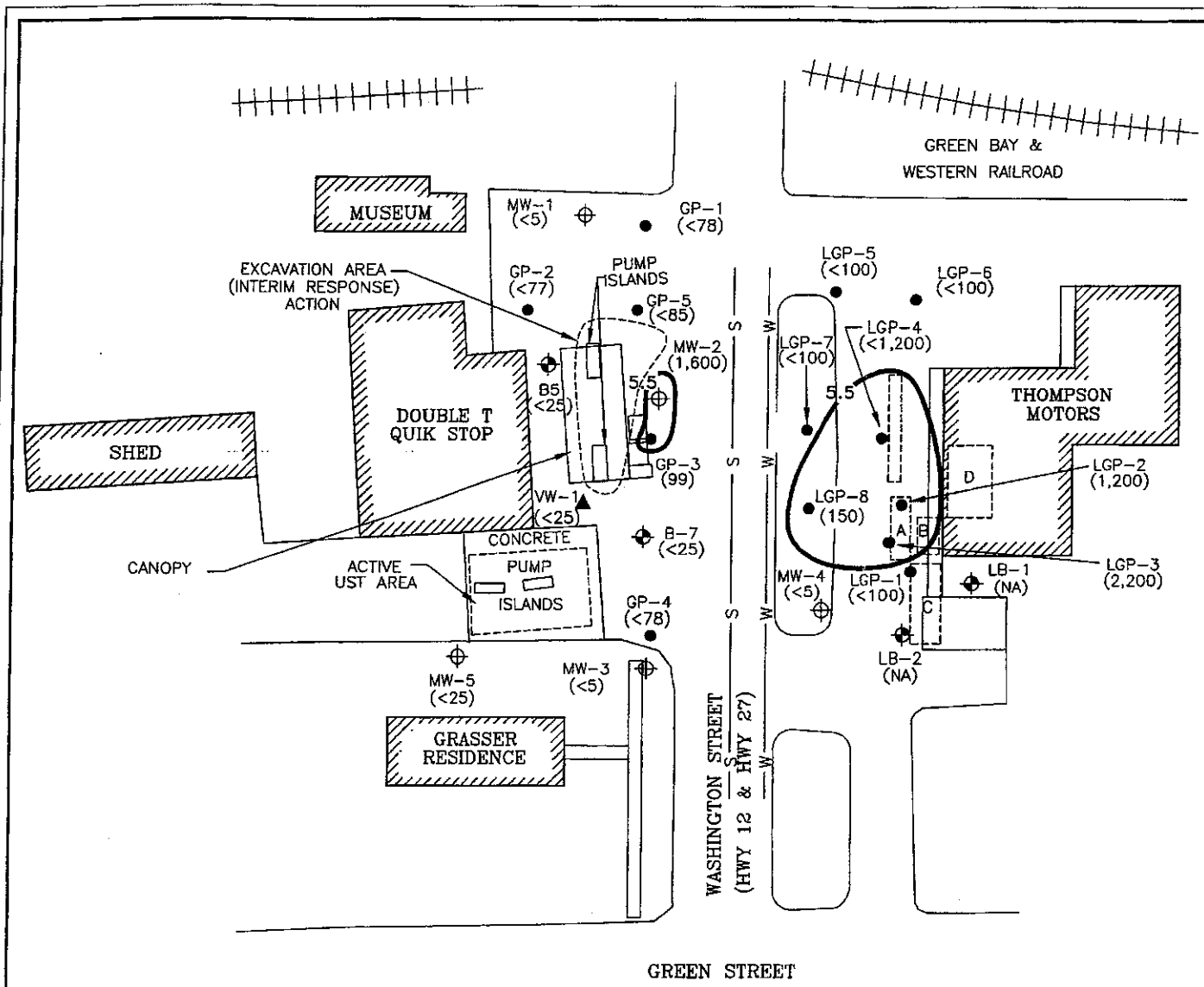
- A FORMER 4,000-GALLON UST
- B FORMER 2,000-GALLON UST
- C FORMER THREE 1,000-GALLON UST'S
- D FORMER 12,000-GALLON UST

ENVIROGEN
 MOST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT
 850 Hwy 153 Suite F
 Mosinee, Wisconsin 54455



POTENTIOMETRIC SURFACE (8/25/99)	FIGURE NO. 8
DOUBLE T QUIK STOP SITE MERRILLAN, WISCONSIN	

DRAWING NO.	97.05 I/LB
DRAWN BY:	RRT
CHECKED BY:	SJA
APPROVED BY:	[Signature]
REVISIONS:	
DATE	
ENGINEER	



LEGEND

- ⊕ MONITORING WELL
- ⊙ SOIL BORING
- GEOPROBE BORING
- ▲ VAPOR WELL
- |||| RAILROAD TRACKS
- () BENZENE CONCENTRATION IN ppb
- W— WATER MAIN
- S— SEWER LINE
- (NA) NOT ANALYZED
- 5.5 BENZENE ISOCONCENTRATION CONTOUR

TANK LEGEND

- A FORMER 4,000-GALLON UST
- B FORMER 2,000-GALLON UST
- C FORMER THREE 1,000-GALLON UST'S
- D FORMER 12,000-GALLON UST

NOTES:

GEOPROBE BORINGS MARKED WITH AN LGP AND SOIL BORINGS MARKED LB WERE INSTALLED BY B.A. LIESCH ASSOC., INC.

THE NR720 GENERIC SOIL STANDARD FOR BENZENE IS 5.5 ppb. HOWEVER, THE OFFICIAL WDNR REPORTING LIMIT FOR SAMPLES ANALYZED AFTER 3/1/96 IS 25 ppb.

GP-1 THROUGH GP-4 AND MW-1 THROUGH MW-4 WERE SAMPLED 6/14/95.

B-5, B-7, MW-5, AND VW-1 WERE SAMPLED 7/9/96.

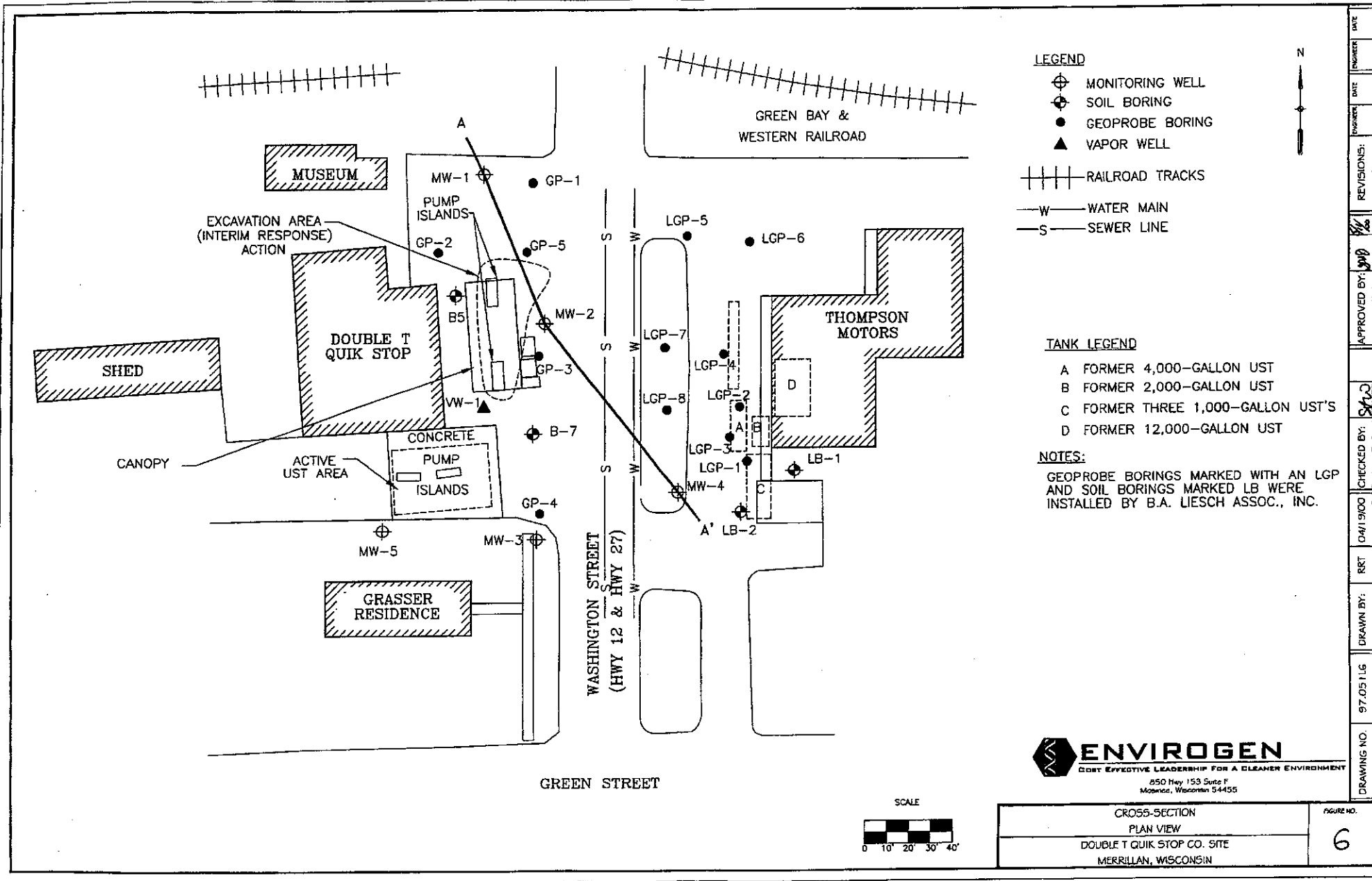
LGP-1 THROUGH LGP-8 WERE SAMPLED 6/15/95.

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 Mosinee, Wisconsin 54455



SOIL BENZENE DISTRIBUTION	FIGURE NO.
DOUBLE T QUIK STOP CO. SITE MERRILLAN, WISCONSIN	4

ENGINEER: [] DATE: []
 REVISIONS: []
 APPROVED BY: []
 CHECKED BY: []
 DRAWN BY: []
 RRT 04/19/00
 DRAWING NO. 97.05.114



LEGEND

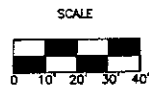
- ⊕ MONITORING WELL
- ⊙ SOIL BORING
- GEOPROBE BORING
- ▲ VAPOR WELL
- |||| RAILROAD TRACKS
- W— WATER MAIN
- S— SEWER LINE

TANK LEGEND

- A FORMER 4,000-GALLON UST
- B FORMER 2,000-GALLON UST
- C FORMER THREE 1,000-GALLON UST'S
- D FORMER 12,000-GALLON UST

NOTES:

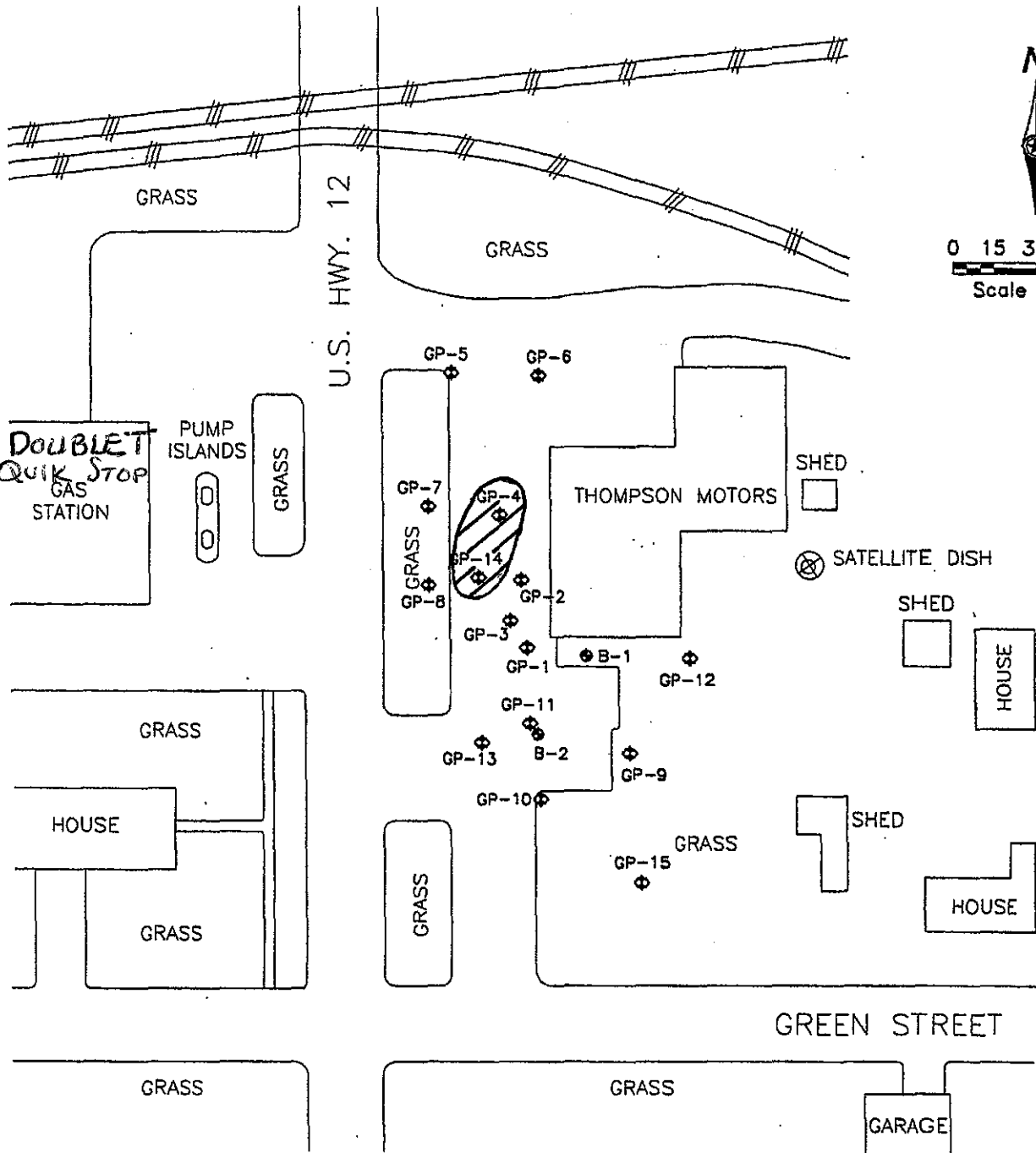
GEOPROBE BORINGS MARKED WITH AN LGP AND SOIL BORINGS MARKED LB WERE INSTALLED BY B.A. LIESCH ASSOC., INC.



CROSS-SECTION PLAN VIEW		FIGURE NO. 6
DOUBLE T QUIK STOP CO. SITE MERRILLAN, WISCONSIN		

DATE	ENGINEER
DATE	ENGINEER
REVISIONS:	
APPROVED BY:	
CHECKED BY:	
DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

Thompson Motors



LEGEND

- ⊕ GeoProbe boring
- ◆ Soil boring
- ⊗ Estimated extent of vadose zone soil contamination above generic NR 720 RCLs

08-29-1997 15:55:124\cod\siteplan.dwg

LIESCH B. A. LIESCH ASSOCIATES, INC.
HYDROGEOLOGISTS, ENGINEERS, ENVIRONMENTAL SCIENTISTS

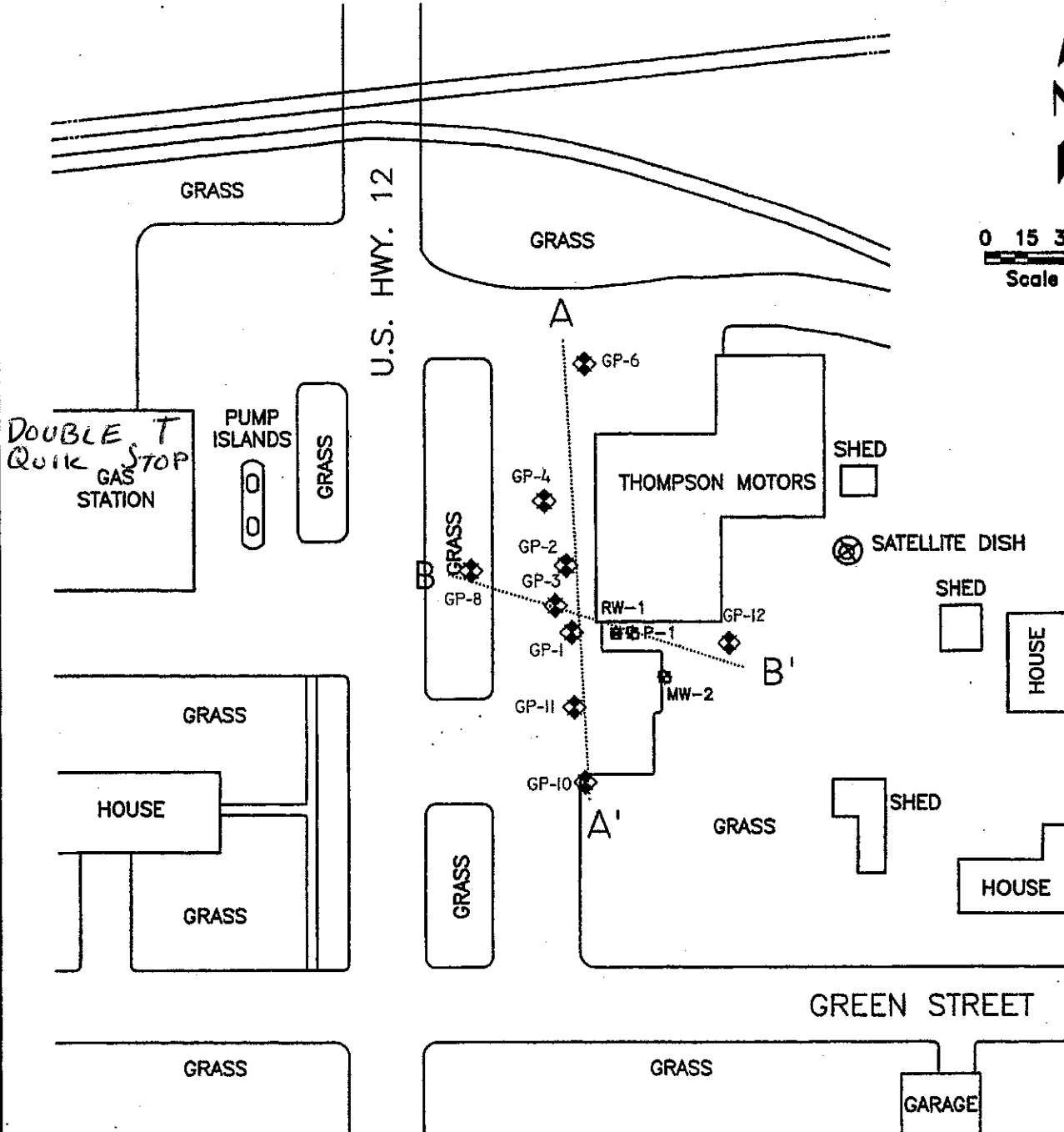
Federation Co-op / Merrilan, WI

Aug 97

13400 15th Ave. N. Minneapolis, MN 55441 (612) 559-1423
Minneapolis, MN • Madison, WI • Phoenix, AZ

Aerial Extent of Soil Contamination

Figure 6



6512AandSiteplan.dwg

05-03-1999

LIESCH Hydrogeologists • Engineers • Environmental Scientists

6000 Osholt Dr., Suite 203
Madison, WI 53713
(608) 223-1532

13400 15th Avenue N
Minneapolis, MN 55441
(612) 339-1423

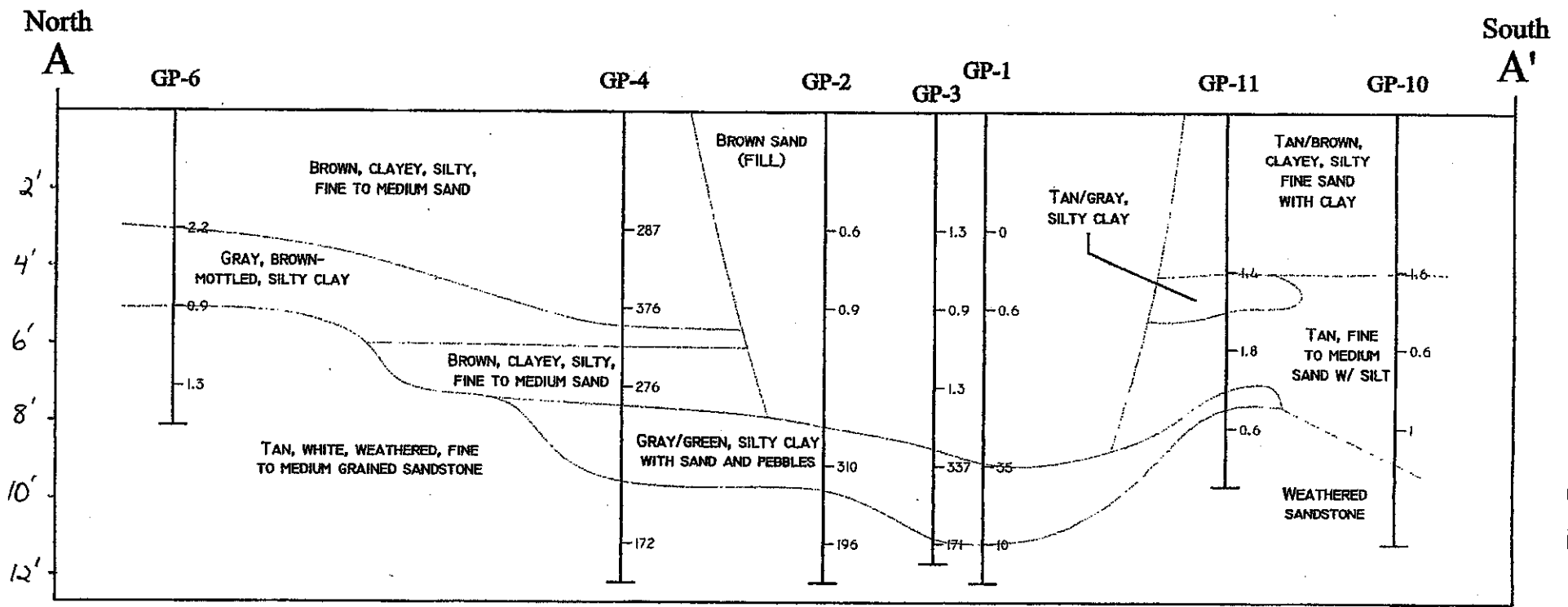
2700 N Central Ave., Suite 890
Flagstaff, AZ 85004
(602) 650-2815

Federation Co-op • Merrilan, WI

05-1999

Cross Section
Location Map

Figure
7a



20 feet
 4 feet
 5x vertical exaggeration

Headspace readings in vapor parts per million

LIESCH Hydrogeologists • Engineers • Environmental Scientists

6000 Glabok Dr., Suite 203
 Madison, WI 53713
 (608) 223-1532

13480 15th Avenue N
 Minneapolis, MN 55441
 (612) 539-1423

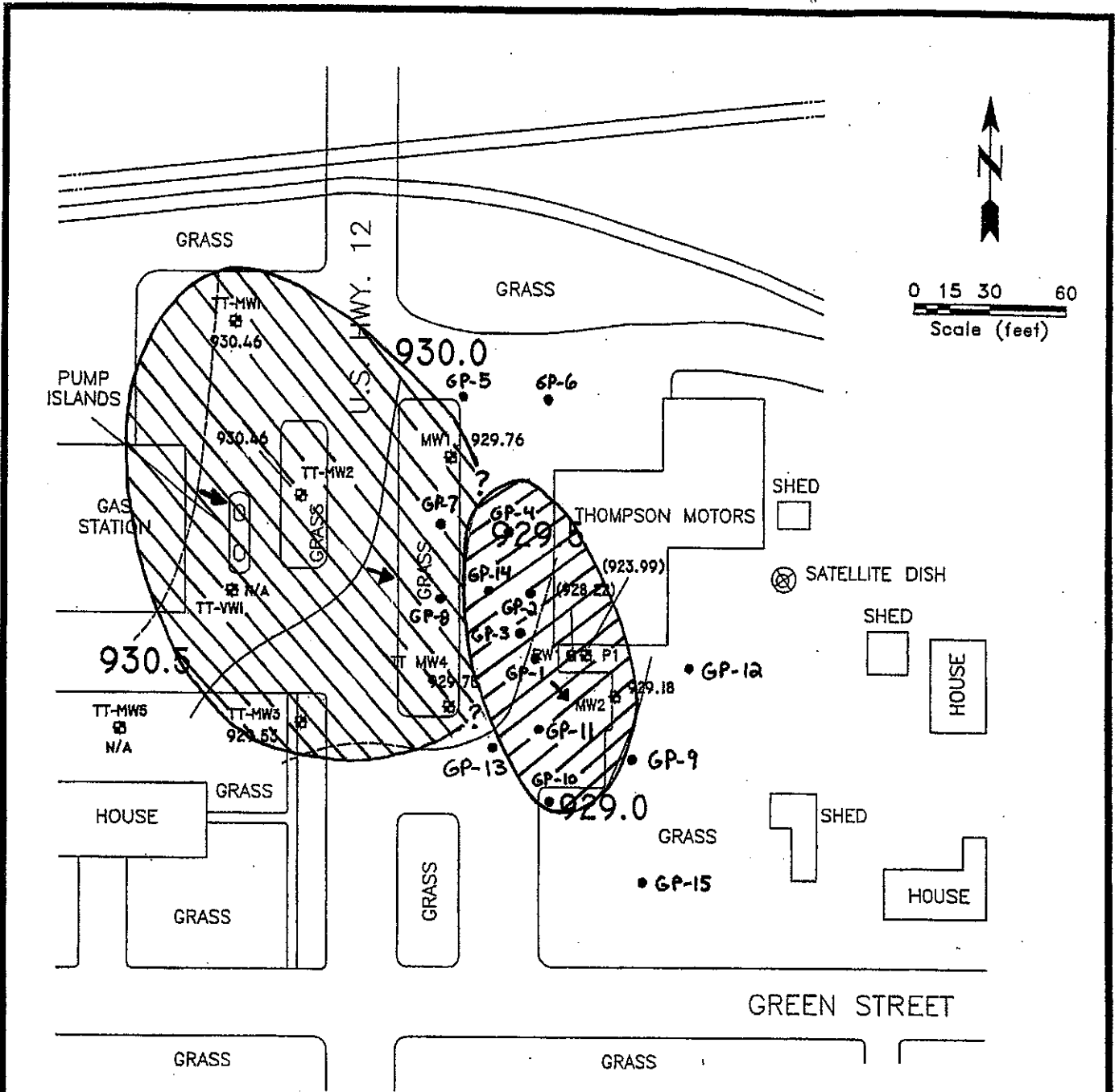
2700 N Central Ave., Suite 890
 Phoenix, AZ 85004
 (602) 630-2815






Federation Co-op • Merrillan, WI

05-1999

Hydrogeologic Cross Section A-A'

Figure 7b



-  Estimated extent of groundwater above generic NR 140 ES/PAL levels (Thompson Motors)
-  Estimated extent of groundwater above generic NR 140 ES/PAL levels (Double T)
-  MW-2 Monitoring well groundwater samples from January 2002 for Thompson Motors
-  GP-4 Geoprobe groundwater samples from 1995-1996
-  Groundwater contour data from July 1996

16312AcontSiteplan.dwg

02-08-2002

LIESCH Hydrogeologists • Engineers • Environmental Scientists

6000 Gilekott Dr., Suite 203
Madison, WI 53713
(608) 223-1332

13400 15th Avenue N
Minneapolis, MN 55441
(612) 539-1423

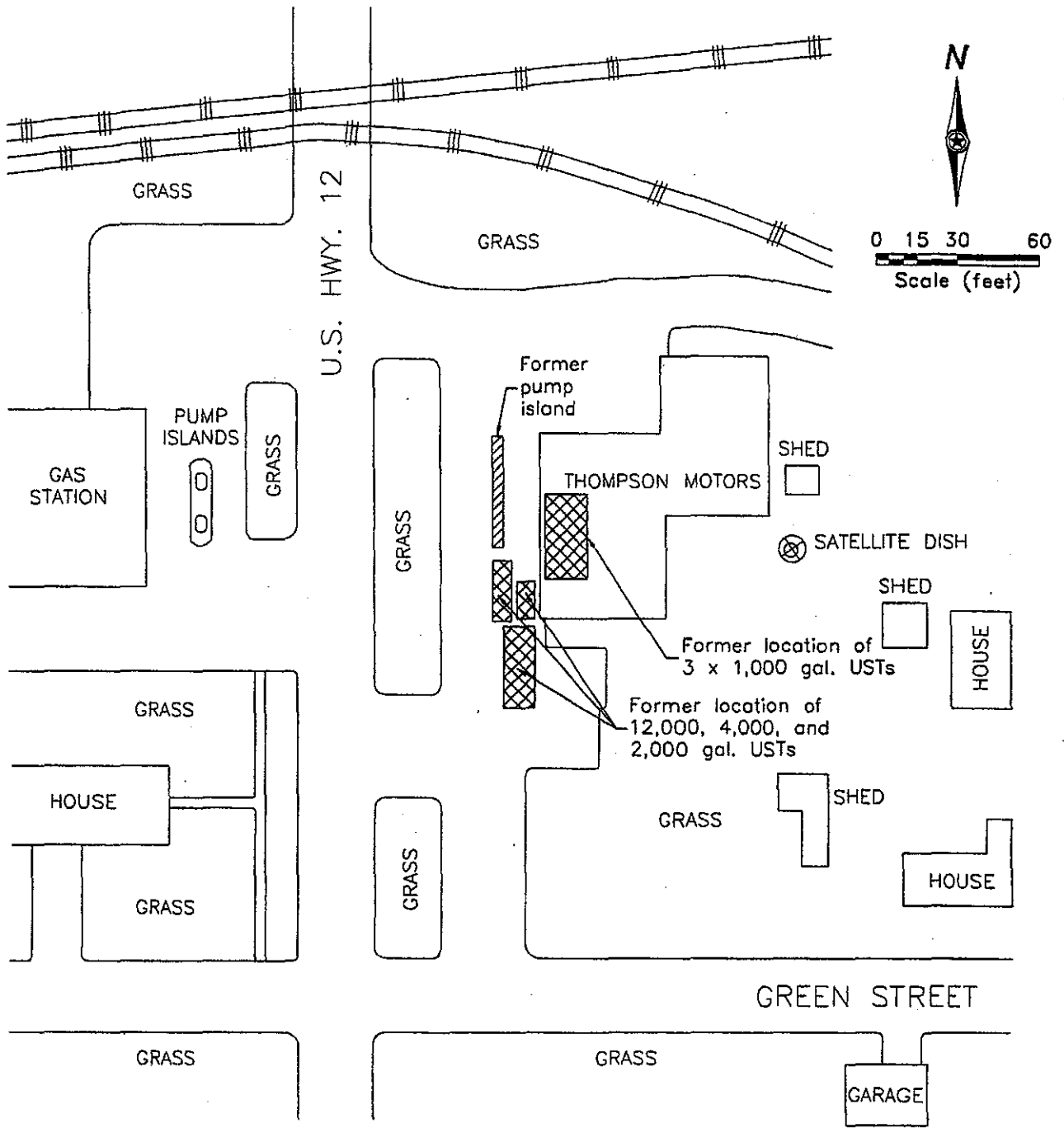
2700 N Central Ave., Suite 890
Phoenix, AZ 85004
(602) 620-2815

Federation Co-op • Merrillan, WI

02-2002

Aerial Extent of Groundwater Contamination

Figure
F



08-29-1997 Is\65124\cod\siteplan.dwg


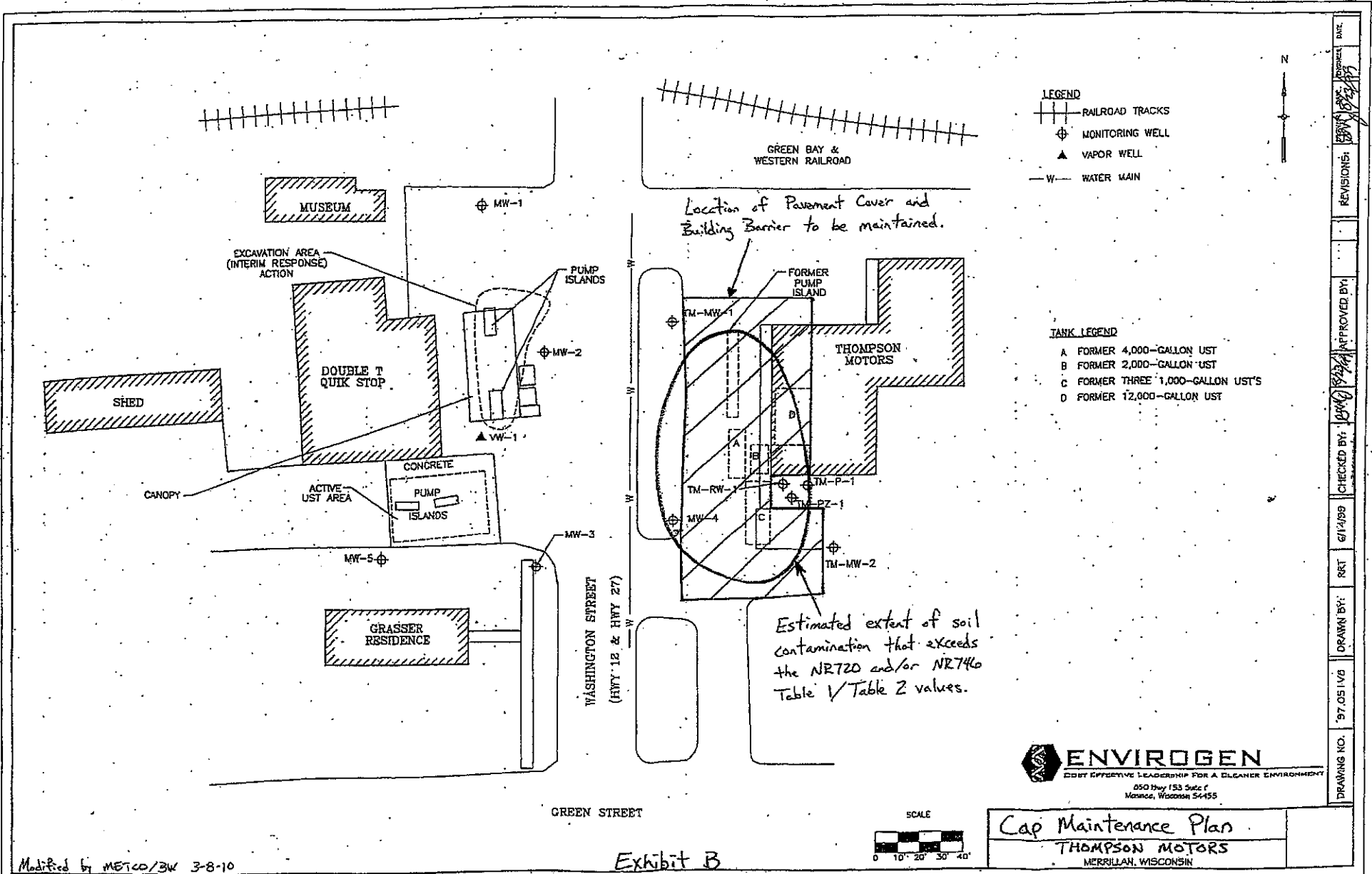
 B. A. LIESCH ASSOCIATES, INC. HYDROGEOLOGISTS, ENGINEERS, ENVIRONMENTAL SCIENTISTS	Federation Co-op / Merrillan, WI	Aug 97
13400 15th Ave. N. Minneapolis, MN 55441 (612) 559-1423 Minneapolis, MN * Madison, WI * Phoenix, AZ	Scaled Site Map	

Figure 2



LEGEND
 [Symbol] RAILROAD TRACKS
 [Symbol] MONITORING WELL
 [Symbol] VAPOR WELL
 [Symbol] WATER MAIN

TANK LEGEND
 A FORMER 4,000-GALLON UST
 B FORMER 2,000-GALLON UST
 C FORMER THREE 1,000-GALLON UST'S
 D FORMER 12,000-GALLON UST

Location of Pavement Cover and Building Barrier to be maintained.

Estimated extent of soil contamination that exceeds the NR720 and/or NR740 Table 1/ Table 2 values.

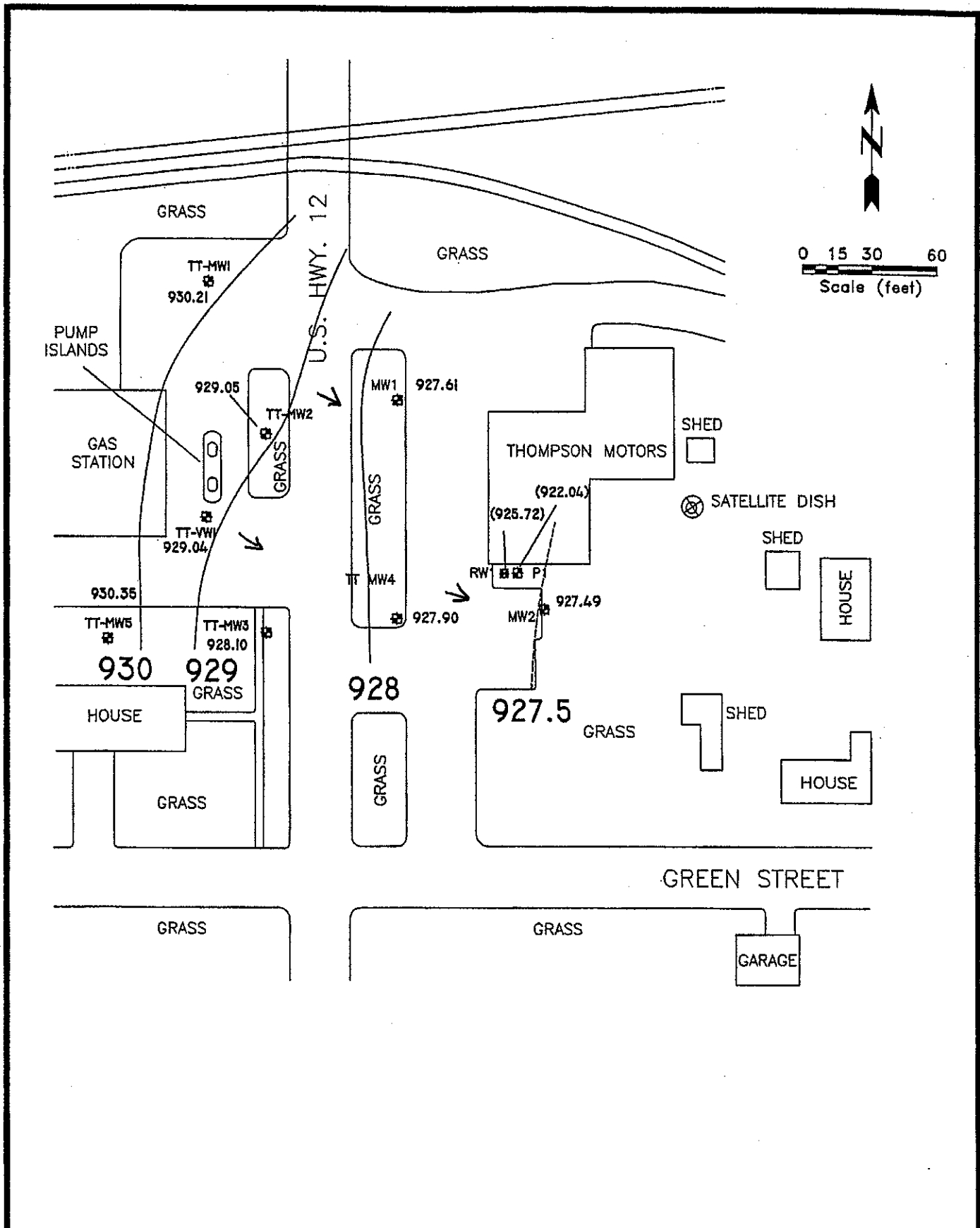
ENVIROGEN
 BEST EFFICIENT LEADERSHIP FOR A CLEANER ENVIRONMENT
 850 Hwy 153 Suite 1
 Menasha, Wisconsin 54455

Cap Maintenance Plan
 THOMPSON MOTORS
 MERRILLAN, WISCONSIN

Modified by METCO/BW 3-8-10

Exhibit B

DATE:	08/29/95
DESIGNED BY:	SPV
CHECKED BY:	SPV
APPROVED BY:	SPV
6/1/99	
RRT	
DRAWN BY:	
97.05 IVB	
DRAWING NO.	
REVISIONS:	



02-08-2002
w:\65172\Acad\Sierpola.dwg

LIESCH Hydrogeologists • Engineers • Environmental Scientists

6000 Glabolt Dr., Suite 203
Madison, WI 53713
(608) 223-1332

13400 15th Avenue N
Minneapolis, MN 55441
(612) 459-1423

2700 N Central Ave., Suite 850
Phoenix, AZ 85004
(602) 650-2815

Federation Co-op • Merrillan, WI

02-2002

Water Table Contour Map
November 29-30, 1998

Figure
5

Table 2

Summary of Geoprobe Soil Analytical Results

Sample identifier		GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	Methanol Blank
Depth to top of sample		8	8	8	4	4	4	6	8	n/a
Depth to bottom of sample		10	10	10	6	6	6	8	10	n/a
Sample date		06/15/95	06/15/95	06/15/95	06/15/95	06/15/95	06/15/95	06/15/95	06/15/95	06/15/95
Compound	Units	*	*	*				*	*	
Moisture content	percent	14.2%	14.2%	11.0%	14.8%	14.9%	10.9%	16.7%	14.6%	NA
Benzene	mg/kg	< 0.1	1.2	2.2	4.2	< 0.1	< 0.1	< 0.1	0.15	< 0.1
Toluene	mg/kg	0.11	16	13	110	< 0.1	< 0.1	0.14	< 0.1	< 0.1
Ethylbenzene	mg/kg	0.18	19	29	36	< 0.1	< 0.1	< 0.1	0.13	< 0.1
Xylenes	mg/kg	0.24	99	150	250	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
1,3,5-TMB	mg/kg	< 0.1	17	33	40	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
1,2,4-TMB	mg/kg	< 0.1	52	100	130	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
MTBE	mg/kg	< 0.4	< 2	< 4	< 8	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
GRO	mg/kg	5.8	830	1,500	2,200	< 5	< 5	< 5	< 5	< 5
DRO	mg/kg	< 10	650	280	510	< 10	< 10	< 10	< 10	NA

Notes:

TMB - trimethyl benzene

MTBE - methyl tert butyl ether

GRO - gasoline range organics

DRO - diesel range organics

All depths expressed in feet below grade.

GRO results which the lab flagged as containing high boiling-point compounds are presented in italics.

DRO results which the lab flagged as containing low boiling-point compounds are presented in italics.

n/a - not applicable

NA - sample not analyzed for this compound

mg/kg - milligrams per kilogram

** below water table*

Table 2
Summary of Geoprobe Soil Analytical Results

Sample identifier		GP-9	GP-10	GP-11	GP-12	GP-13	GP-14	Methanol Blank
Depth to top of sample		5	5	5	5	5	5	n/a
Depth to bottom of sample		7	7	7	7	7	7	n/a
Sample date		01/09/96	01/09/96	01/09/96	01/09/96	01/09/96	01/09/96	01/09/96
Compound	Units							
Moisture content	percent	14.5%	10.0%	10.1%	13.4%	12.7%	13.4%	NA
Benzene	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 1	< 0.1
Toluene	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	10	< 0.1
Ethylbenzene	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	5.5	< 0.1
Xylenes	mg/kg	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	26	< 0.2
1,3,5-TMB	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	8.8	< 0.1
1,2,4-TMB	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	28	< 0.1
MTBE	mg/kg	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 4	< 0.4
GRO	mg/kg	< 5	< 5	< 5	< 5	< 5	<i>510</i>	< 5
DRO	mg/kg	< 10	< 10	< 10	< 10	< 10	<i>240</i>	NA
Notes:								
TMB - trimethyl benzene				n/a - not applicable				
MTBE - methyl tert butyl ether				NA - sample not analyzed for this compound				
GRO - gasoline range organics				mg/kg - milligrams per kilogram				
DRO - diesel range organics								
All depths expressed in feet below grade.								
GRO results which the lab flagged as containing high boiling-point compounds are presented in italics.								
DRO results which the lab flagged as containing low boiling-point compounds are presented in italics.								

**GROUNDWATER SAMPLING DATA TABLE FOR THOMPSON MOTORS BRRTS# 03-27-000088
BY METCO**

WELL SAMPLING CONDUCTED ON DECEMBER 29, 2009

Well Name	MW-1	MW-2	TT-MW-4	RW-1	P-1	TRIP BLANK
PVC Casing Elevation in Feet (MSL)	934.45	935.93	933.77	936.21	936.69	==
Watertable Elevation in Feet (MSL)	927.86	928.36	COULD	926.33	922.77	==
Depth to Groundwater in Feet	6.59	7.57	NOT	9.88	13.92	==
Amount Purged in Gallons	3	3	LOCATE	==	8	==
Time to Purge in Minutes	5	5	==	==	20	==
Purged Dry?	NO	NO	==	==	NO	==
Color	GRAY	BROWN	==	==	CLEAR	==
Petroleum Odors	YES	NO	==	==	NO	==
Petroleum Sheens	NO	NO	==	==	NO	==
Turbidity (high, medium, low, clear)	MEDIUM	HIGH	==	==	LOW	==
Benzene/ppb	56	< 0.45	ns	ns	1.39 "J"	< 0.45
Ethylbenzene/ppb	440	< 0.76	ns	ns	5.7	< 0.76
Methyl tert-butyl ether (MTBE)/ppb	< 10.5	< 0.42	ns	ns	< 0.42	< 0.42
Naphthalene/ppb	115	< 1.4	ns	ns	1.53 "J"	< 1.4
Toluene/ppb	79	< 0.53	ns	ns	< 0.53	< 0.53
1,2,4-Trimethylbenzene/ppb	460	< 0.52	ns	ns	< 0.52	< 0.52
1,3,5-Trimethylbenzene/ppb	181	< 0.61	ns	ns	< 0.61	< 0.61
m&p-Xylene/ppb	970	< 0.84	ns	ns	< 0.84	< 0.84
o-Xylene/ppb	284	< 0.74	ns	ns	< 0.74	< 0.74

**NOTE: Bold = detects NS = NOT SAMPLED
J Flag: Analyte detected between LOD and LOQ**

Groundwater Analytical Results Summary
Thompson Motors BRRS# 0327-000088

Well MW-1

PVC Elevation = 934.45 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	GRO (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
1996-09	929.76	4.69	20000	1900	1200	<400	480	5100	1120	4700
1998-11	927.61	6.84	5600	390	450	<1.6	NS	830	399	1300
2002-01	927.92	6.53	7100	270	560	<5.2	NS	500	520	1500
12/29/09	927.86	6.59	NS	56	440	<10.5	115	79	641	1254

Well MW-2

PVC Elevation = 935.93 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	GRO (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/22/95	NM	NM	500	10	31	<1.0	NS	120	19	120
07/09/96	929.18	6.75	2900	306	1363	<250	275	4059	1138	5710
7/23/1996	NM	NM	NOT SAMPLED							
1996-09	NM	NM	<50	9.3	<0.5	3.4	<2	<0.5	<2	<1
1998-11	NM	NM	<50	19	2.6	2.9	NS	1.2	1.1-1.39	2.7
5/21/1998	NM	NM	19000	320	1900	<20	340	3600	1690	6500
8/25/1998	NM	NM	12000	180	1900	<33	280	2700	1870	6500
11/30/1998	927.49	8.44	17000	120	1400	40	240	2300	1380	5000
2/23/1999	NM	NM	26000	79	2000	<12	360	2200	1980	6900
8/24/1999	NM	NM	23000	370	1600	6.2	300	3000	1520	5250
11/17/99	NM	NM	19000	100	1500	51	300	2300	1660	5200
2002-01	928.02	7.91	<50	0.2	<0.22	<0.16	NS	<0.2	<0.51	<0.23
12/29/09	928.36	7.57	NS	<0.45	<0.76	<0.42	<1.4	<0.53	<1.13	<1.58

Well TT-MW-4

PVC Elevation = 933.77 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	GRO (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
06/22/95	NM	NM	2300	190	180	1	NS	81	196	610
07/09/96	929.71	4.06	NOT SAMPLED							
7/23/1996	NM	NM	2690	244	278	<5.0	63.4	137	6175	710
1996-09	NM	NM	8100	750	620	<40	200	360	790	2300
1998-11	NM	NM	NOT SAMPLED							
5/21/1998	NM	NM	2800	160	220	<0.82	44	62	289	550
8/25/1998	NM	NM	1800	320	370	<6.6	64	130	402	1200
11/30/1998	927.61	6.16	8200	570	630	13	190	380	770	2400
2/23/1999	NM	NM	2900	280	290	<1.6	67	49	258	680
8/24/1999	NM	NM	5400	350	400	1.7	100	150	430	1390
11/17/99	NM	NM	5100	400	480	9.7	120	130	510	1460
2002-01	928.00	5.77	2400	140	250	<1.65	NS	54	264	620
12/29/09	COULD NOT LOCATE									

Note: Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance. NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.

Groundwater Analytical Results Summary
Thompson Motors BRRTS# 0327-000088

Well RW-1

PVC Elevation = 936.21 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	GRO (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
12/29/09	926.33	9.88	NOT SAMPLED							

Well P-1

PVC Elevation = 936.89 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	GRO (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naphthalene (ppb)	Toluene (ppb)	Trimethylbenzenes (ppb)	Xylene (Total) (ppb)
1996-09	NM	NM	<50	7	5.2	5.1	2.4	4.1	3.8	11
1998-11	NM	NM	270	62	49	<1.2	NS	0.46	16.9	20
2002-01	922.99	13.70	83	20	19	<0.34	NS	<0.2	1.38	0.23
12/29/09	922.77	13.92	NS	1.39	5.7	<0.42	1.53	<0.53	<1.13	<1.58

Note: Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance. NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.

Watertable Elevations Table
Thompson Motors BRRTS# 0327-000088
Merrillan, Wisconsin

<i>pvc top (ft)</i>	MW-1	MW-2	TT-MW-4	RW-1	P-1
	934.45	935.93	933.77	936.21	936.69

Date

Date	MW-1	MW-2	TT-MW-4	RW-1	P-1
07/08/96	929.76	929.18	929.71	928.22	923.99
09/19/96	927.41	926.41	927.61	925.78	922.02
11/30/98	927.61	927.49	NM	925.72	922.04
06/22/99	928.64	928.92	928.91	NM	923.47
09/22/99	927.84	927.46	927.82	926.25	922.58
01/05/00	926.39	926.40	NM	924.55	921.16
05/03/00	927.97	928.39	928.22	926.14	922.24
7/26/2000	928.38	929.27	928.84	927.43	923.60
10/25/2000	926.94	926.74	927.17	925.21	921.77
4/3/2001	927.95	928.63	928.33	926.03	921.87
6/19/2001	928.31	929.56	929.11	927.39	923.40
10/16/2001	928.10	928.92	928.85	926.94	923.17
1/8/2002	927.92	928.02	928.00	926.42	922.99
12/29/2009	927.86	928.36	CNL	926.33	922.77

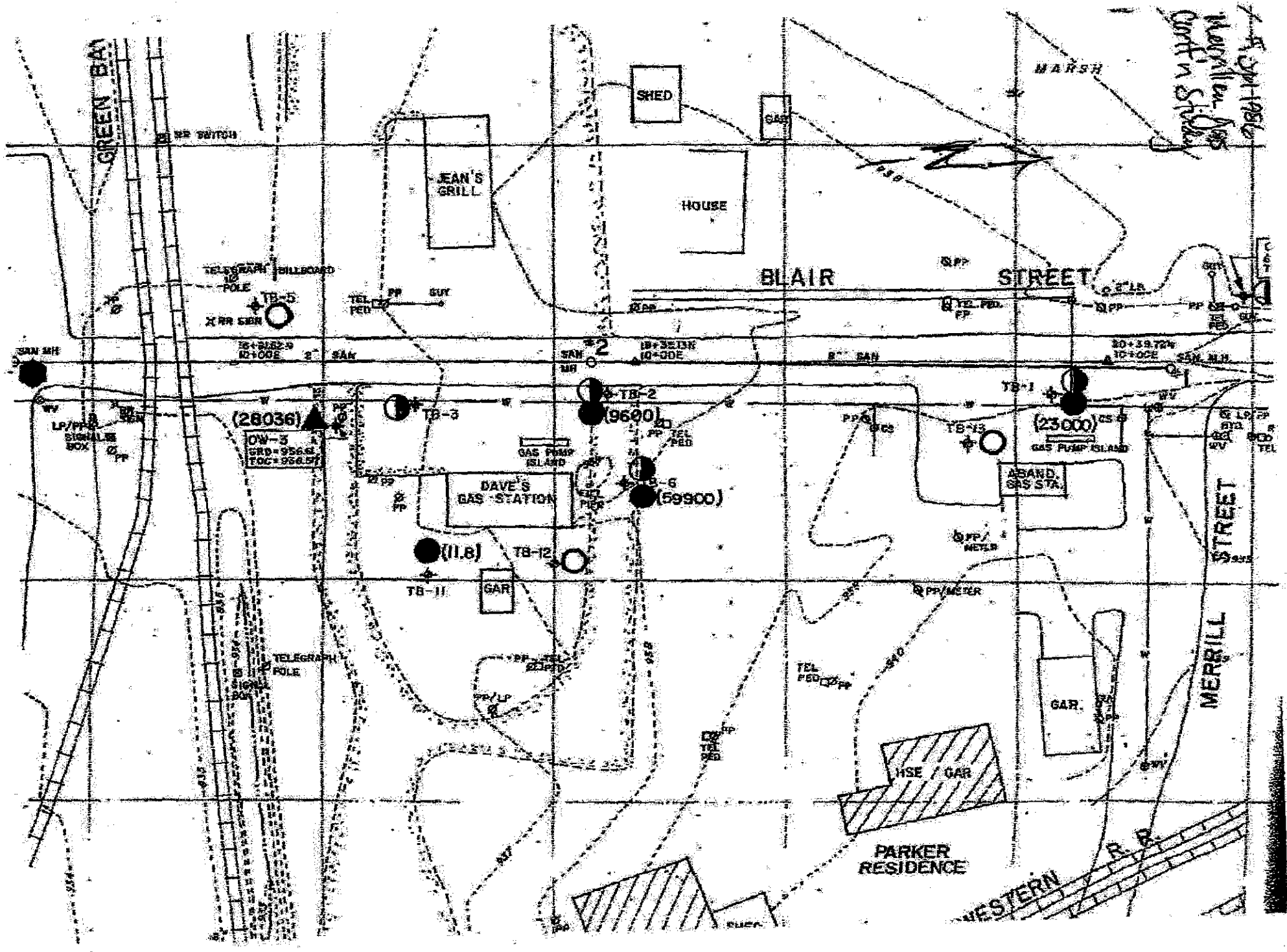
Note: Elevations are presented in feet mean sea level (msl).

CNL = Could Not Locate

NM = Not Measured

Former Dave's Gas Station

1st of Oct 1956
Map of Blair St. Area
Conf'n Station



03-27-001459

Dave's Gas Station (Former)

March 11, 2008

Underground tanks were removed in late 80s. Groundwater is encountered at about 4' below ground surface. Perched.

Fall of 1984 gasoline contamination in Merrillan during utilities work. DNR hired Ayres to do a study. Soil samples near Dave's were contaminated. Shallow perched groundwater was found to be contaminated. Village water supply wells are east of contaminated area and not considered to be threatened.

Groundwater in OW-3 (perched) exceeded ES (located immediately south of Dave's)

Gas station was owned by William Gjerseth who is deceased. Now owned by Fred Lechner who has an unpublished phone number.

Table 3
Ayres Associates
VOC Analysis (ug/g)

	Detection Limit	TS-1, S-1, AA-3	TS-1, S-2, AA-4	TS-2, S-1, AA-5	TS-2, S-2, AA-6	TS-7, S-1, AA-10
Benzene	0.4	X	X	X	X	X
Bromoform	1.0	X	X	X	X	X
Bromomethane	2.0	X	X	X	X	X
Carbon Tetrachloride	0.2	X	X	X	X	X
Chlorobenzene	0.2	X	X	X	X	X
Chloroethane	2.0	X	X	X	X	X
2-Chloroethylvinyl Ether	4.0	X	X	X	X	X
Chloroform	0.4	X	X	X	X	X
Chloromethane	12.0	X	X	X	X	X
Dibromochloromethane	0.2	X	X	X	X	X
1,2-Dichlorobenzene	0.6	X	X	X	X	X
1,3-Dichlorobenzene	0.6	X	X	X	X	X
1,4-Dichlorobenzene	0.6	X	X	X	X	X
Dichlorobromomethane	0.2	X	X	X	X	X
1,1-Dichloroethane	0.2	X	X	X	X	X
1,2-Dichloroethane	1.0	X	X	X	X	X
1,1-Dichloroethylene	2.0	X	X	X	X	X
1,2-Dichloroethylene	0.6	X	X	X	X	X
Dichloromethane	0.8	X	X	X	X	X
1,2-Dichloropropane	1.0	X	X	X	X	X
cis-1,3-Dichloropropene	0.6	X	X	X	X	X
trans-1,3-Dichloropropene	2.0	X	X	X	X	X
Ethylbenzene	0.4	Intf.	Intf.	X	1.5	X
1,1,2,2-Tetrachloroethane	0.2	X	X	X	X	X
Tetrachloroethylene	0.2	X	X	X	X	X
Toluene	0.2	1.9	0.4	3.2	4.9	1.6
1,1,1-Trichloroethane	0.2	X	X	X	X	X
1,1,2-Trichloroethane	0.2	X	X	X	X	X
Trichloroethylene	0.2	X	X	X	X	X
Vinyl Chloride	4.0	X	X	X	X	X
Trichlorofluoromethane	0.4	X	X	X	X	X
Dichlorodifluoromethane	4.0	X	X	X	X	X
Zimpro Analytical No.		17882	17883	17884	17885	17889

X = Analyzed but not detected

Intf. = Interference

TABLE 4
WELL OW-3 CONTAMINATION AND
GROUND WATER QUALITY STANDARDS

CONSTITUENTS DETECTED (Detection Limit, ug/l)	PREVENTIVE ACTION LIMIT (ug/l)	ENFORCEMENT STANDARD (ug/l)	WELL OW -3 CONCENTRATIONS (ug/l)	
			Apr. 25	May 29
Benzene (0.2)	0.067	0.67	680	Intf. ¹
Ethylbenzene (0.2)	Not Established		28.2	ND ²
Toluene (0.1)	68.6	343	2090	0.5
1,2-Dichloroethane (0.3)	0.05	0.5	5.1	ND
Trichloroethylene (0.1)	0.18	1.8	0.1	ND
Tetrachloroethylene (0.1)	0.10	1.0	0.2	ND

Notes: 1. Interference prevented quantitation
2. ND = Not Detected