PRELIMINARY ASSESSMENT
SMITTY'S SALVAGE AND SUPLY
BROWN COUNTY, WISCONSIN

August 19, 2002

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
NORTHEAST REGION

Prepared By	Reviewed By	Approved By
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US EPA RECORDS CENTER REGION 5

400181

Date: August 19, 2002

Prepared by: Kristin DuFresne, Wisconsin Department of Natural Resources
Northeast Region, Green Bay, Wisconsin

Site: Smitty's Salvage & Supply
2325 Main Street
Brown County, Wisconsin

EPA ID No.: WIN000508275

TDD No.:

1. INTRODUCTION

Under authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Action of 1986 (SARA), the Wisconsin Department of Natural Resources (WDNR), Northeast Region, Remediation & Redevelopment Program, conducted a Preliminary Assessment (PA) at the Smitty's Salvage & Supply (Smitty's) site in Brown County, Wisconsin. The purpose of this investigation was to collect information concerning conditions at Smitty's sufficient to assess the threat posed to human health and the environment and to determine the need for additional CERCLA/SARA or other appropriate action. The scope of the investigation included review of available file information, a comprehensive target survey, on-site inspections (July 2000, August 2000, May 2001, October 2001 and June 2002) and off-site reconnaissance (July 2002).

2. SITE DECRIPTION, OPERATIONAL HISTORY AND WASTE CHARACTERISTICS

2.1 Location

Smitty's is located at 2325 Main Street in the City of Green Bay and the Town of Bellevue, Brown County, Wisconsin. The "Main Yard" is located east of Main Street in the City of Green Bay The "South Yard" is located west of Main Street in the Town of Bellevue (Figure 1) The geographic coordinates are 44° 28' 25" N latitude and -87° 57' 58" W longitude (Reference 1; Reference 2) To reach the site, travel Interstate 43 and exit County JJ (Manitowoc Road), travel southwest approximately 0.5 miles to Main Street and then turn west. The Main Yard entrance is approximately 0.2 miles northwest from the intersection of County JJ and Main Street. The South Yard is located at the southwest corner of the intersection of County JJ and Main Street.

The climate of Brown County is continental and characterized by weather changes common to locations in the interior of large land masses in the middle latitudes. The nearby waters of Green Bay, Lake Michigan and Lake Winnebago exert a strong modifying influence on the climate (Reference 3) Winters are cold and snowy and summers are mostly warm with periods that are hot and humid Spring and fall are sometimes short and are often a mixture of summer and winter climatic conditions The average annual precipitation is 26 inches. Prevailing winds are from the northwest in winter and from the southwest for the remaining months (Reference 3).

2.2 Site Description

The total area of the Smitty's Main and South Yards is approximately 13 acres (Reference 4). The Main Yard is an active scrap metal salvage yard with several buildings and structures which are used for dismantling and storing salvage material. An office and a private residence are also located on the Main Yard (Figure 2) (Reference 5). A metal and chain-link fence surrounds most of the Main Yard with the exception of the northeast property boundary where no fence is present. Overall the fence appears to be in good condition; however, there are a few sections along Main Street that are leaning and in need of repair (Reference 6). The Main Yard entrance has a gate that is locked during non-business hours. The South Yard is vacant land that has periodically been used for storing waste piles The South Yard is well vegetated and easily accessible.

The Main Yard is elliptical in shape and located on relatively flat terrain that gently slopes toward the southwest. A steep slope exists along the southern property boundary which is bounded by an unnamed creek. Standing or flowing water can be found at the bottom of the steep slope year round (Reference 7). Drainage ditches can also be observed along the property boundary on the west and east sides of the Main Yard

The South Yard is triangular in shape and located on relatively flat terrain. Two unnamed creeks flow in a westerly direction across both the Main and South Yards and merge on the western end of the South Yard (Reference 7).

2.3 Operational History, Analytical Results and Waste Characteristics

Smitty's, 2325 Main Street, Green Bay, Wisconsin, is privately owned by Bernard and Mary Smits who acquired the property in September 1997 (Reference 8) The deed was given in satisfaction of a land contract dated June 16, 1978. Additionally, under a quit claim deed, Bernard and Mary Smits acquired a fifteen-foot wide right-of-way in the northeastern portion of the previously mentioned real estate (Reference 9)

A review of the site's history revealed that the site and surrounding acreage was acquired by the Smits family during the 1930s and used for farming and chicken ranching (Reference 7). In 1950 an automotive salvage business was started utilizing the southern half of the Main Yard. A lumberyard opened about the same time on the northern half of the Main Yard. The auto salvage yard was expanded to the north in 1978 when the lumberyard occupying the northern half of the Main Yard closed (Reference 7). To date, the Main Yard is operating as a scrap metal salvage yard and used-automobile parts sales business. The South Yard has always been undeveloped.

In December 1991, the Town of Bellevue retained Foth & Van Dyke to perform a Phase I and Phase II Environmental Assessment on the South Yard. The Phase II identified soil contaminated by arsenic, barium, cadmium, chromium, lead, mercury, silver and petroleum compounds (Reference 10). Since this time, numerous sampling events and inspections which are described below have occurred on both the Main and South Yards. To date, the WDNR has documented hazardous waste, solid waste and spill violations. Due to Smitty's lack of action to address these issues the WDNR has referred this case to the Wisconsin Department of Justice (Reference 11).

Over the years several waste piles have been identified on the Main and South Yards. The waste piles are generated when surface material is scraped off the ground surface and placed

into piles (Reference 12). Another source for the waste piles is trailer sweepings which are generated after scrap metal is hauled to a processing facility or foundry. When Smitty's truck returns to the yard the residue remaining on the trailer is swept out of the trailer and disposed of on the ground surface. The waste piles typically consist of soil, small pieces of glass, miscellaneous metal, plastic and wood debris. According to inspections conducted by WDNR staff, scrap material, waste piles and trailer sweepings are routinely moved around the yard (Reference 12).

The South Yard formerly contained eight waste piles (1 through 8) (Figure 3) Laboratory analytical results characterized piles 1, 2, 3, 6, 7 and 8 as solid waste These piles have been containerized and properly disposed. TCLP sample results from piles 4 and 5 identified lead in excess of the regulatory threshold of 5 milligrams per liter (mg/L). Piles 4 and 5 have been containerized and properly disposed of as hazardous waste. Verification sampling of the underlying and adjacent soil was conducted under piles 1 through 8. Results from this soil sampling event were provided to WDNR on October 28, 1997 and arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver were identified (Reference 13, Reference 14). Based on these results, WDNR has directed Smitty's to conduct additional site investigation and remediation activities.

An additional waste area, referred to as Pile East Side in WDNR records, is located on the Main Yard. In an effort to reduce the size of Pile East Side, Smitty's screened the pile and removed the recyclable metal. Residue from Pile East Side has been spread across the Main Yard and covers an area approximately 100 feet by 150 feet by 1 foot deep (approximately 555 cubic yards) (Reference 15). In May 2000, Northern Environmental characterized Pile East Side. Sample results indicated three out of four quadrants as a characteristic hazardous waste for TCLP Lead (Reference 14). Pile East Side has yet to be properly disposed. Verification sampling of the underlying soil will be required after disposal takes place.

On May 9 and 10, 2000, Northern Environmental collected three soil samples from the unnamed creeks. Laboratory analytical results identified arsenic in the soil samples at concentrations ranging from 0.54 milligrams per kilogram (mg/kg) to 4.5 mg/kg (Reference 14) (Figure 4). Lead was detected in the soil samples at concentrations ranging from 1.7 mg/kg to 190 mg/kg. Other RCRA metals and Polychlorinated Biphynels (PCBs) were also detected (Reference 14) The WDNR is requiring that additional soil sampling be conducted

On July 17, 2000, the WDNR received information that Smitty's was intentionally releasing ozone-depleting refrigerant (chlorofluorocarbons, known as CFC or freon) to the environment by cutting lines of air conditioning units in vehicles that were processed through the salvage yard operations (Reference 16). Based on this information WDNR conducted an inspection of the Main Yard. This inspection revealed that Smitty's freon recovery machine was not being used as it was in a locked building. Nearby freon recovery storage tanks, when lifted, appeared to be empty (Reference 17).

On October 26, 2000, the WDNR identified another waste pile in the Main Yard, on a cement pad behind the aluminum can recycling operation (Pile New) (Reference 12). Smitty's has yet to characterize or dispose of Pile New. Verification sampling of the underlying soil will be required after disposal takes place.

In October 2001, WDNR staff collected three soil samples from the Main Yard. The samples were laboratory analyzed for Diesel Range Organics (DRO), Gasoline Range Organics (GRO) and Volatile Organic Compounds (VOCs) (Reference 18). The analytical results indicate that a

release of petroleum compounds to the environment has occurred (Reference 19). Additional soil sampling is necessary to define the degree and extent of petroleum related contamination

A review of WDNR records indicates Smitty's has never obtained the necessary licenses to operate a hazardous or solid waste disposal facility at the site (Reference 20). However, Smitty's has been registered to salvage or dismantle refrigeration equipment since March 1995 through present. Smitty's current registration expires March 2002 (Reference 21).

3.0 GROUNDWATER PATHWAY

3.1 Hydrogeologic Setting

Glaciation has been an important geologic agent in determining the surface geology and physiography of the site. Surface deposits at the site are glaciolacustrine in origin. These sediments were deposited during the Valderan substage of the Wisconsinan glacial stage Glaciolacustrine deposits typically consist of poorly sorted, often gravely, fine-grained sands, silts and clays (Reference 7)

The bedrock at the site is buried by glacial drift and lacustrine deposits ranging in depth from 120 to 140 feet below the surface. Locally, bedrock consists of Upper Ordovician age Maquoketa shale and dolomitic shale overlying massive sandy dolomites and dolomitic limestones of the Sinnipee Group (Reference 7) The Maquoketa shale is relatively soft and easily eroded making surface exposures of this formation rare In general, the Maquoketa Shale underlies the eastern side of the site and the Platteville Dolomite underlies the glacial lake deposits on the western side. The Platteville Formation extends under the Maquoketa Shale on the eastern side of the site (Reference 10).

Well logs obtained from the Wisconsin Geologic and Natural History Survey indicate that groundwater in the area is produced from aquifers within the bedrock at depths ranging from 80 to 200+ feet. Surface topography suggests groundwater is moving in a west to southwesterly direction coinciding with the direction of surface water flow in the two unnamed creeks which traverse the site (Reference 7).

The shallow aquifer within the glacial till in this area is not usually the source of drinking water for even small domestic purposes. The majority of private wells extend through the Maquoketa Shale which acts as a confining unit (aquitard) for the Platteville Dolomite Some deeper domestic wells have been installed in the Ordovician Age St Peter Sandstone that underlies the Platteville Formation. (Reference 10)

3.2 Groundwater Targets

The majority of the population within a 4-mile radius of the site relies on municipal water supply systems. There are 3 municipal water systems within a 4-mile radius of Smitty's that obtain their water supply from bedrock wells (Figure 5). Well construction reports for the municipal water supply wells within a 4-mile radius of the site can be found in Appendix A. The Village of Allouez water supply system consists of 7 wells (Reference 22) Using population information provided by the 2000 Census each of the 7 Allouez wells serves an average population of 2,206 residents (Reference 23). The Town of Bellevue system consists of 4 wells with each well serving an average population of 2,957 residents. The City of Green Bay water supply system consists of 9 bedrock wells (Reference 24). Four of these wells are located within a 4-mile radius of Smitty's. The City of Green Bay wells are used for emergency purposes only and are

pumped on a monthly basis. In 2001, the 9 wells contributed 7,020,000 gallons (less than 1 percent) of the City's drinking water supply (Reference 24) The majority of the City of Green Bay municipal water supply system relies on surface water from Lake Michigan which is derived from two surface water intakes located near Kewaunee, Wisconsin. In 2001, the surface water intakes contributed 6,617,143,000 gallons of water to the City of Green Bay municipal water supply system (Reference 24). According to the 2000 Census the population for the City of Green Bay is 102,313 residents (Reference 23).

Table 1

Municipality	Well ID #	Status	0 - 1/4 Mile	1/4 - 1/2 Mile	1/2 - 1 Mile	1 - 2 Mile	2 - 3 Mile	3 - 4 Mile
Green Bay Well # 3	BF190	Inactive						11,368
Green Bay Well # 4	BF191	Inactive					11,368	
Green Bay Well # 5	BF192	Inactive					11,368	
Green Bay Well # 6	BF193	Active						11,368
Bellevue Well # 1	BF210	Active				2,957		
Bellevue Well # 2	BF211	Active			2,957			
Bellevue Well # 3	BF212	Active				2,957		
Bellevue Well # 4	IE266	Active					2,957	
Allouez Well # 1	BF198	Active					2,206	
Allouez Well # 2	BF199	Active					2,206	
Allouez Well # 3	BF200	Inactive						2,206
Allouez Well # 4	BF201	Active						2,206
Allouez Well # 5	BF202	Active						2,206
Allouez Well # 6	BF203	Active					2,206	
Allouez Well # 7	BF204	Active					2,206	
Total Population - All Wells			**0**	**0**	**2,957**	**5,914**	**34,517**	**29,354**
Total Population - Active Wells			**0**	**0**	**2,957**	**5,914**	**11,781**	**15,780**

Residents not served by a municipal water system rely on private wells for their drinking water supply. Using population information provided by the 2000 Census there are approximately 158 residents using private water as a drinking source within 1 - 2 miles of Smitty's, 370 residents within 2 - 3 miles and 909 residents within 3 - 4 miles (Reference 25). Well construction reports for several private water supply wells within the 4-mile radius can be found in Appendix B. The nearest private drinking water well is located on-site in the Main Yard. Employees are provided with bottled water for drinking purposes; however, some employees drink water from the private well (Reference 4).

In September 1992, Advent Environmental Services, Inc. conducted a Phase II Environmental Assessment within the right-of-way adjacent to the Main Yard. Shallow groundwater analytical results identified cadmium at 63 micrograms per liter (µg/L) and 65 µg/L which is above the Chapter NR 140 Wisconsin Administrative Code Enforcement Standard of 5 µg/L (Reference 7). It should be reiterated that the shallow water table is located in an unconsolidated aquifer and is not used for drinking water purposes.

3.3 Groundwater Conclusions

A release of a hazardous substance (cadmium) to shallow groundwater from Smitty's has been documented through one round of sampling and laboratory analysis. It should be noted that these results have not been confirmed. In addition, the shallow groundwater aquifer within the glacial materials is not used for drinking water purposes.

Deeper confined aquifers are used for drinking water purposes and are highly unlikely to be impacted by a surface release from Smitty's. The municipal water supply wells within a 4-mile radius of Smitty's have casings that extend deep into bedrock and private wells are cased to the bedrock surface. The WDNR's Remediation & Redevelopment Program will be working with the WDNR's Drinking Water & Groundwater Program to address future sampling and abandonment of the on-site private well.

4.0 SURFACE WATER PATHWAY

4.1 Hydrologic Setting

Overland drainage from the Main Yard generally flows to the southwest toward the drainage ditch located along Main Street. Portions of both the Main and South Yards drain toward two unnamed minimal flow creeks which dissect the property. The two creeks merge on the western end of the South Yard and serve as tributaries to the East River which is a moderate to large stream (Reference 26). From there surface water flows into the Fox River, which has an average annual flow of 3,115 cubic feet per second (cfs), and eventually finds its way into Green Bay (Reference 26). It should be noted that in spring peak flow of the Fox River can be over 10,000 cfs (Reference 26).

4.2 Surface Water Targets

There are no drinking water intakes located within 15 downstream miles of the site. The majority of residents are served by a municipal water system supplied by bedrock wells and/or surface water from Lake Michigan Residents not served by a municipal system obtain drinking water from private wells.

According to the Environmental Systems Research Institute and Federal Emergency Management Agency web-site Smitty's is not located in a 100-year or 500-year flood plain (Reference 27).

The WDNR Bureau of Water Regulation and Zoning Wetland Inventory map sheets were reviewed. The dates of photography for the maps examined were October 30, 1992 and November 2, 1992 (Reference 28). The nearest wetland is located less than 1/4 mile down stream of Smitty's (Reference 28).

On May 9 and 10, 2000, Northern Environmental Technologies, Inc. collected three soil samples along the creeks (Reference 14). Laboratory analytical results identified arsenic in the soil samples at concentrations ranging from 0.54 mg/kg to 4.5 mg/kg. Lead was detected in the soil samples at concentrations ranging from 1.7 mg/kg to 190 mg/kg. Other metals and several PCBs were also detected (Reference 14).

All surface waters in the state of Wisconsin are assumed to sustain full fish and aquatic life (Reference 26) The East and Fox Rivers contain a warm water sport fishery that does not have

a seasonal solmonid population (Reference 26). The Wisconsin National Heritage Inventory (NHI) has identified an aquatic sensitive environment located near the mouth of the Fox River approximately 12 miles downstream of Smitty's (Reference 29)

4.2 Surface Water Conclusions

A release of a hazardous substance to surface water from overland flow is suspected based on soil analytical results from samples collected along the creek bed However, it is assumed that no potential surface water targets have been impacted.

3.0 SOIL EXPOSURE AND AIR PATHWAYS

5.1 Physical Conditions

Regional. Most of the soils in Brown County formed in glacial till and lake sediment and are high in clay content. The characteristic subsoil and substratum are reddish-brown, slowly permeable clay loam to clay. Other soils of Brown County formed in loamy or sandy glacial till, outwash sand and gravel, and lacustrine sediment (Reference 3) The U.S. Department of Agriculture Soil Conservation Service Publication, Soil Survey of Brown County, shows Oshkosh silt loam and Manawa silty clay loam to be the predominant soil for the site. There are also areas of Alluvial land noted (Reference 10).

Local Vegetative cover on the Main Yard is minimal Ground cover on the Main Yard consists of broken asphalt and/or concrete, gravel and compacted soil consisting primarily of silty clay Evidence of soil staining can be observed at several locations (Reference 30). The South Yard is well vegetated and easily accessible (Reference 6) Photographs from the off-site inspection can be found in Appendix C.

5.2 Soil and Air Targets

Smitty's employs approximately twenty people and a single family home exists on the Main Yard. Currently, the home is not being used for residential purposes. In the past someone did live in the home and it could be used for this purpose again in the future (Reference 4). Two separate off-site residential neighborhoods are located approximately 200 feet east and 300 feet west of the Main Yard (Reference 6). A residential home also exists approximately 100 feet east of the South Yard (Reference 6). The total estimated population within 200 feet of the site is 494; within 1 mile is 12,791; and within 4 miles 84,569 (Reference 31).

The Wisconsin National Heritage Inventory (NHI) has identified 4 aquatic and 3 terrestrial sensitive environments located within 3 to 4 miles of the site (Reference 29).

The South Yard formerly stored several waste piles which were characterized as solid waste (piles, 1, 2, 3, 6, 7 and 8) and hazardous waste (piles 4 and 5). The Main Yard is currently storing two waste piles which need to be properly disposed Pile East Side has been characterized as a hazardous waste. Pile New has not been characterized Additional soil sampling for metals is needed below and adjacent to each of these piles to determine if a release to the environment has occurred.

Soil samples collected by WDNR staff in October 2001 on the Main Yard have identified DRO, GRO, and VOCs. The WDNR's Remediation & Redevelopment Program will be working with

Bernard and Mary Smits to define the degree and extent of petroleum contamination on the Main Yard in the bin storage, old chop and vehicle gas tank pile (former) areas (Figure 2).

The WDNR has also received information that Smitty's was intentionally releasing ozone-depleting refrigerant (chlorofluorocarbons, known as CFC or freon) to the environment (Reference 16) Based on this information WDNR conducted an inspection of the Main Yard. This inspection revealed that Smitty's freon recovery machine was not being used as it was in a locked building. Nearby freon recovery storage tanks, when lifted, appeared to be empty (Reference 17) WDNR also has historical information indicating that burning of insulation off of wire has also taken place at Smitty's (Reference 32).

5.3 Soil Exposure and Air Pathway Conclusions

The soil exposure pathway at Smitty's appears to pose a potential threat due to documented on-site solid and hazardous waste, observable surface staining and soil analytical results. Smitty's employees are likely to have the greatest potential for exposure through direct contact, inhalation, ingestion and/or absorption. Residents living in the surrounding area are unlikely to be affected due to access being restricted on the Main Yard and the thick vegetation on the South Yard A significant release to the air has not been documented.

4.0 SUMMARY AND CONCULSIONS

Smitty's is an active scrap metal salvage yard and used-automobile parts sales business. As a result of Smitty's normal operating procedures and poor waste-handling practices, on-site soil and shallow groundwater have potentially been impacted. Deeper bedrock aquifers are used for drinking water purposes and are unlikely to have been affected by the release(s) at Smitty's due to confining layers and a thick layer of glacial material. Surface water and/or sediment has the potential to be contaminated by overland flow coming in contact with contaminated soil and/or waste piles · Refrigerant releases to the atmosphere are also suspected but not confirmed by analytical results.

The WDNR is aware of the potential environmental issues that exist at Smitty's and is working with Bernard Smits through the Wisconsin Department of Justice to address the spill and solid/hazardous waste issues.

REFERENCES

1. U S. Geological Survey, 7 5-minute topographic quadrangle maps of Wisconsin: Bellevue, 1982; DePere, 1982; Green Bay East, 1982; Green Bay West, 1982.

2. www topozone com - Latitude and longitude determination

3. United States Department of Agriculture Soil Conservation Service, "Soil Survey of Brown County, Wisconsin," June 1974, pp 1, 115, 116.

4. Bernie Smits, Property Owner, telephone conversation with Kristin DuFresne, WDNR, January 17, 2002. Re: Property size, years of operation, number of employees, status of on-site private well, municipal water connections and status of on-site residential home

5. www terraserver com - Aerial photograph.

6. Kristin DuFresne, WDNR, Field Notes for Off-site Reconnaissance and Photo Documentation Log for Smitty's Salvage & Supply, July 17, 2002.

7. Advent Environmental Services, Inc., "Phase II Environmental Assessment for the Smitty's Salvage - Main Yard Site," December 1992, pp 2-10, 2-11, 2-12, 2-13, 2-14, 2-15, 2-22.

8. Register of Deeds - Brown County, Personal Representative's Deed, Parcel Identification Number B-85, Document Number 1572525, September 29, 1997.

9. Register of Deeds - Brown County, Quit Claim Deed, Document Number 1745803, March 29, 2000.

10. Foth & Van Dyke, "Phase I and II Environmental Assessment Verlin Road Corridor, Bellevue, Wisconsin," March 1992, pp 3, 5, 15, 22, 23

11. Bernard J and Mary L. Smits, Property Owners, Letter from Steven Sisbach, WDNR Director of Environmental Enforcement, August 14, 2001. Re: Referral to the Department of Justice.

12. Terry Hegeman, WDNR Waste Management Hydrogeologist, Face to face conversation with Kristin DuFresne, WDNR, January 16, 2002. Re Waste piles.

13 Montgomery Watson, "Recycling of Soil Stockpiles," October 28, 1997, Table 2.

14. Northern Environmental, "Overview of Investigative Activities at Smitty's Salvage and Supply," September 7, 2000, Tables A, B, C, D.

15 Montgomery Watson, "Revised Sampling Plan," July 23, 1998, pp 3.

16 WDNR, Substance Release Notification Form 4400-91 (Rev 5-2000), WDNR BRRTS Case #04-05-264549, July 12, 2000. Re: Historic releases from vehicle dismantling.

17. Smitty's Salvage and Supply, Notes from CFC Inspection Conducted by Larry Weix, WDNR, July 17, 2000.

18. Kristin DuFresne, WDNR, Field Notes from Main Yard Sampling, October 23, 2001.

19. Anne Brey, WDNR Environmental Enforcement Specialist, Memo from Kristin DuFresne, WDNR, January 11, 2002. Re: Documentation of soil analytical results.

20. Kristin DuFresne, WDNR, Memo from Diane Hammel, WDNR Waste Management Program Assistant, January 8, 2002. Re: Licenses.

21. WDNR, Registration to Salvage or Dismantle Refrigeration Equipment Form 4500-129 (R11-93), February 16, 2001.

22. http //intranet dnr state wi us/int/water/dwg/ - Public water supply system database

23. www doa.state wi.us/dhir/boir/demographic/pop_info asp - Municipality population data.

24 Ken Scherer, Water Supply Engineer, E-mail to Kristin DuFresne, WDNR, June 24, 2002 Re: Municipal and surface water supply systems

25 John Burnette, Contract Coordinator, E-mail to Kristin DuFresne, July 16, 2002, Private well information within 4 mile radius.

26 Jim Reyburn, Streams/Lakes Water Quality Biologist, E-mail to Kristin DuFresne, Date Re: Surface water types, flow rates and fisheries

27. www esri com/hazards/makemap html - ESRI/FEMA flood map.

28 WDNR Bureau of Water Regulation and Zoning, Wetland Inventory Maps, October 30, 1992, November 2, 1992 and October 4, 1995

29 Wisconsin Natural Heritage Inventory - Aquatic and terrestrial sensitive environments.

30 Smitty's Salvage & Supply, WDNR BRRTS Case #02-05-257483, Memo from Kristin DuFresne, WDNR, May 31, 2001. Re Inspection.

31 Kyle Burton, GIS Analyst, E-mail to Kristin DuFresne, January 30, 2002. Re: Population calculations for 200 feet, 1 mile and 4 mile.

32. David Kee, U.S. EPA - Region 5 Air and Radiation Division, Letter from Dean G. Packard, WDNR Air Management, February 19, 1988 Re: Burning.

Note. Complete references are located in the Wisconsin Department of Natural Resources - Northeast Region files. Please call 920-492-5916 to review and/or obtain copies of the references.

REFERENCES

These U S. Geological Survey 7 5-minute topographic quadrangle maps show site location and 4-mile radius:

Green Bay West, Wisconsin
Green Bay East, Wisconsin
DePere, Wisconsin
Bellevue, Wisconsin

Reference 2

TopoZone.com

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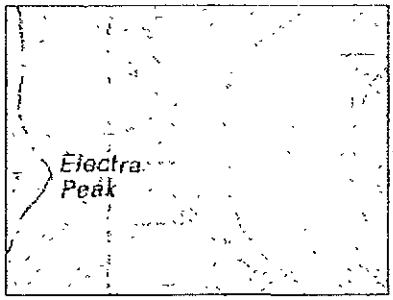

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37.705°N, 119.260°W

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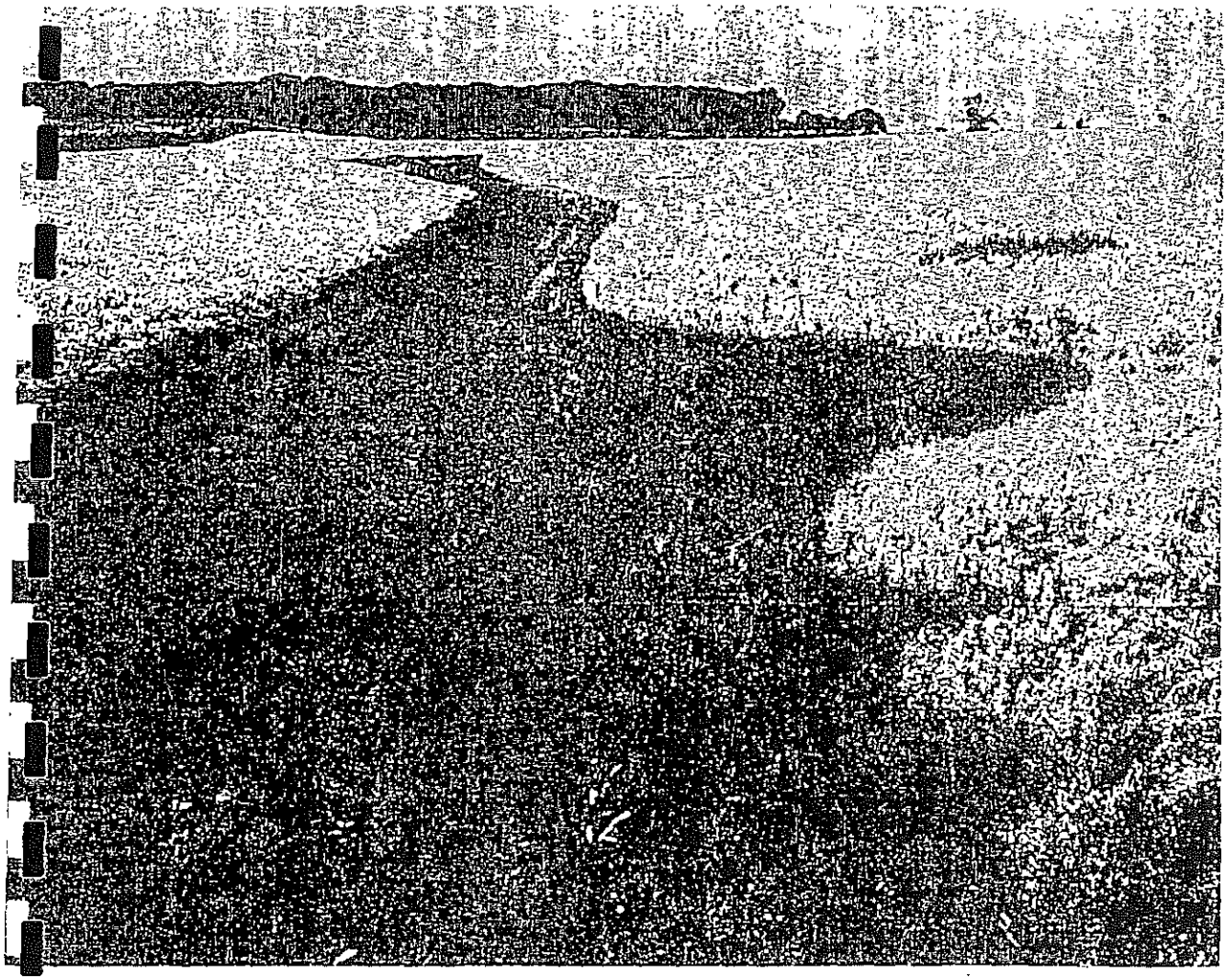
Reference 3

SOIL SURVEY OF

Brown County, Wisconsin



United States Department of Agriculture
Soil Conservation Service
In cooperation with

Wisconsin Agricultural Experiment Station

Issued June 1974

TELEPHONE LOG

Date: January 17, 2002

Site Name: Smitty's Salvage & Supply

Tracking Number: WDNR BRRTS #02-05-257483

Contact Name: Bernie Smits, Property Owner

Initiated By: Kristin DuFresne, WDNR - Remediation & Redevelopment Program

On January 17, 2002 DuFresne called Bernie Smits, Smitty's Salvage & Supply, to ask a couple of questions Smits was not available DuFresne left a message for Smits to return her call.

At approximately 3.15 p.m. Smits returned DuFresne's call. DuFresne indicated she was looking through Department files and wanted Smits to clarify a few things Smits agreed to answer the following questions

1 How large of an area (in acres) does the Main and South Yard occupy?

Main Yard is approximately 10 - 11 acres.
South Yard is approximately 3 acres

2. How many years has Smitty's been in operation?

Smit's father started the business in 1950. Smit's took over in approximately 1971

3 Does the private well by the on-site house still exist and if so is it still used?

Yes, it still exists. The on-site private well is used mainly to supply water to the bathrooms Some employees do drink the water. Employees are also provided with bottled water.

4. Is Smitty's connected to a municipal water system?

No, Smitty's drinking water is not connected to a municipal system The City of Green Bay lines are capped Smitty's is however connected to the municipal sewer system.

5. Is the on-site house still used for residential purposes?

Not at this time. Smits son used to live in the house. The house could be used for residential purposes again in the future

6 How many employees does Smitty's have on staff?

Approximately 20

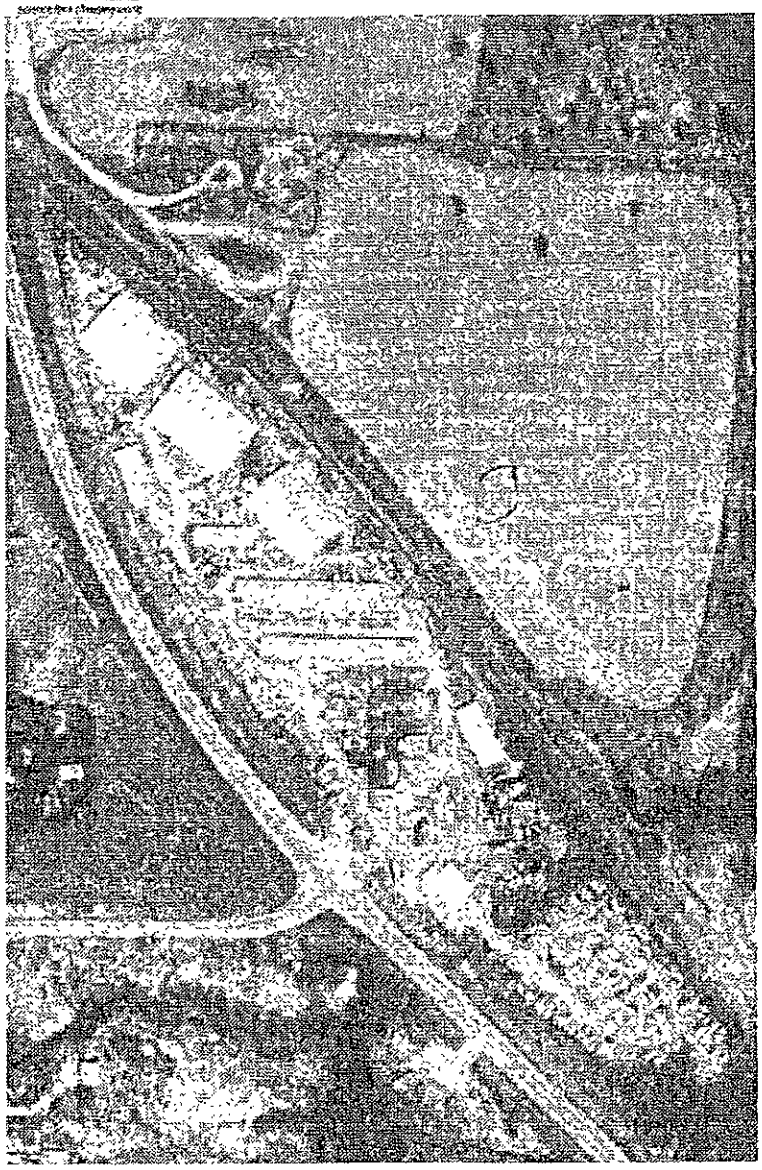
DuFresne thanked Smits for his time.

Microsoft TerraServer Display Image USGS Aerial Photograph

Reference 5

7 km NE of De Pere, Wisconsin, United States 06 May 1992

USGS



0 100M 0 100yd

Image courtesy of the US Geological Survey.

State of Wisconsin

CORRESPONDENCE/MEMORANDUM

DATE July 17, 2002

TO Smitty's Salvage & Supply Case File
WDNR BRRTS # 02-05-257483

FROM Kristin DuFresne - Remediation & Redevelopment KD

SUBJECT Off-site Inspection and Photo Documentation for Preliminary Assessment

On July 17, 2002, Kristin DuFresne, WDNR Hydrogeologist, and Alan Nass, WDNR Hydrogeologist conducted an off-site inspection of the Smitty's Salvage & Supply property which is located at 2325 Main Street, Green Bay, Wisconsin The Smitty's property consists of a Main Yard and a South Yard DuFresne obtained verbal approval for access from Bernard Smits, owner of Smitty's Salvage & Supply, earlier in the day

The inspection began by collecting photographs 1, 2 and 3 at the northwest corner of Main Street and County JJ (Refer to the attached figure for the locations of each photograph) DuFresne and Nass then proceeded to the railroad tracks in order to walk along the east property boundary of Smitty's Main Yard Photograph 4 portrays thick vegetation along the southeast property boundary which made it impossible to determine whether or not a fence exists along this portion of the property Photograph 5 depicts several old cars and no evidence of a fence A new residential subdivision can be observed to the east of Smitty's Photograph 6 depicts a residential home which is approximately 300 feet away from Smitty's property boundary Openings in the vegetation provided a few views of materials being stored on Smitty's Main Yard (photographs 7, 8 and 9) Photograph 9 depicts a pile of material which may consist of trailer sweepings The characteristics of this pile are consistent with trailer sweeping piles observed during historic on-site inspections of the Smitty's property. The creek was observed to the east of the railroad tracks and it contained what appeared to be standing water Due to the thick vegetation it was difficult to determine if the creek was flowing A chain link fence was observed along the northwest 1/3 of the east property boundary Photograph 10 depicts the fence and a sign indicating the area is protected by electronic security services A leashed barking dog was also observed at this location

The off-site inspection continued by walking along the west side of Main Street to obtain a good view of the west property boundary of the Main Yard A residential neighborhood was observed on the west side of Main Street approximately 300 feet west of the Smitty's property A metal and chain link fence was observed along the entire west property boundary of Smitty's Main Yard. For the most part the fence was in good condition but sections are leaning and in need of repair Thick vegetative cover was also observed to be growing adjacent to the fence (photograph 11) The main entrance to the site was open at the time of the inspection (photograph 12) Previous discussions with Bernard Smits revealed that a gate is placed across the main entrance during non-business hours

It should be noted that due to the steep slope of the Main Yard and the thick vegetation it was not possible to observe the southern branch of the creek or the south property boundary

One branch of the creek was observed along the east property boundary of the South Yard (photograph 13) Thick vegetation was observed on both sides of the creek There was water in the creek bed but no significant level of flow was observed The South Yard is not restricted to public access by any type of fence Thick vegetation consisting of grasses and trees cover the South Yard and can be observed in photograph 14 A single residential home was observed approximately 100 feet east of the South Yard on the southeast corner of the intersection of Main Street and County JJ Two small office buildings were also observed to the south of the South Yard

DuFresne and Nass left the site

Printed on Recycled Paper

Phase II

Environmental Assessment

for the

Smitty's Salvage - Main Yard Site

2325 Main Street

Green Bay

Brown County, Wisconsin

December 1992

Prepared for the
Wisconsin Department of Transportation
WDOT Project 1451-13-00

ADVENT
Environmental Services, Inc.
6100 W. Executive Drive, Suite E
Mequon, WI 53092
AESI Project No 96790

1572525

Document Number

PERSONAL REPRESENTATIVE'S DEED

Document Title

REGISTER OF DEEDS
BROWN COUNTY

97 SEP 29 AM 9:56

CARY WILLIQUETTE
REGISTER OF DEEDS

Recording Area

Name and Return Address

Gary A. Wickert, S.C.
P.O. Box 1656
Green Bay, WI 54305-1656

B-85

Parcel Identification Number (PIN)

DOCUMENT NO
1572525

STATE BAR OF WISCONSIN FORM 5 — 1982
PERSONAL REPRESENTATIVE'S DEED

THIS SPACE RESERVED FOR RECORDING DATA

Laura A. DeValk and Joseph T. Smits

, as Personal Representative of the estate of
co/
Norbert J. Smits
("Decedent"),
for a valuable consideration conveys, without warranty, to Bernard J. Smits and Mary L. Smits, husband and wife as survivorship marital property
, Grantee,
the following described real estate in Brown County,
State of Wisconsin (hereinafter called the "Property"):

RETURN TO

TRANSFER
$ 150.00
FEE

Tax Parcel No: .....

The East One-half (E1/2) of the Northwest Quarter of the Northwest Quarter (NW 1/4 of NW 1/4) of Section Sixteen (16), Township Twenty-three (23) North, Range Twenty-one (21) East, in the Town of Bellevue, Brown County, Wisconsin; excepting therefrom those parts used for Railroad and Highway purposes, and except that part lying Northeasterly of Railroad and except the North 209 feet lying Southwesterly of the Railroad, and being subject to Water Well Agreements recorded in 75 Misc. Records 618 and in 67 Misc. Records 121 and all interest that the Vendors have in any personal property used in connection with the business known as Smittys Salvage & Supply.

This deed is given in satisfaction of a land contract by and between Norbert J. Smits and Lucille Smits and Bernard J. Smits and Mary L. Smits, dated June 16, 1978 and recorded in the Office of the Register of Deeds for Brown County, Wisconsin on June 19, 1978 in Jacket 2265 as Image 45 as Document No. 892211.

Personal Representative by this deed does convey to Grantee all of the estate and interest in the Property which the Decedent had immediately prior to Decedent's death, and all of the estate and interest in the Property which the Personal Representative has since acquired.

Dated this SEPT 12 day of ....., 19 97

Joseph T Smits (SEAL) Laura A. DeValk (SEAL)

* Joseph T. Smits
Personal Representative

* Laura A. DeValk
Personal Representative

AUTHENTICATION

Signature(s) .....

authenticated this ..... day of ....., 19.....

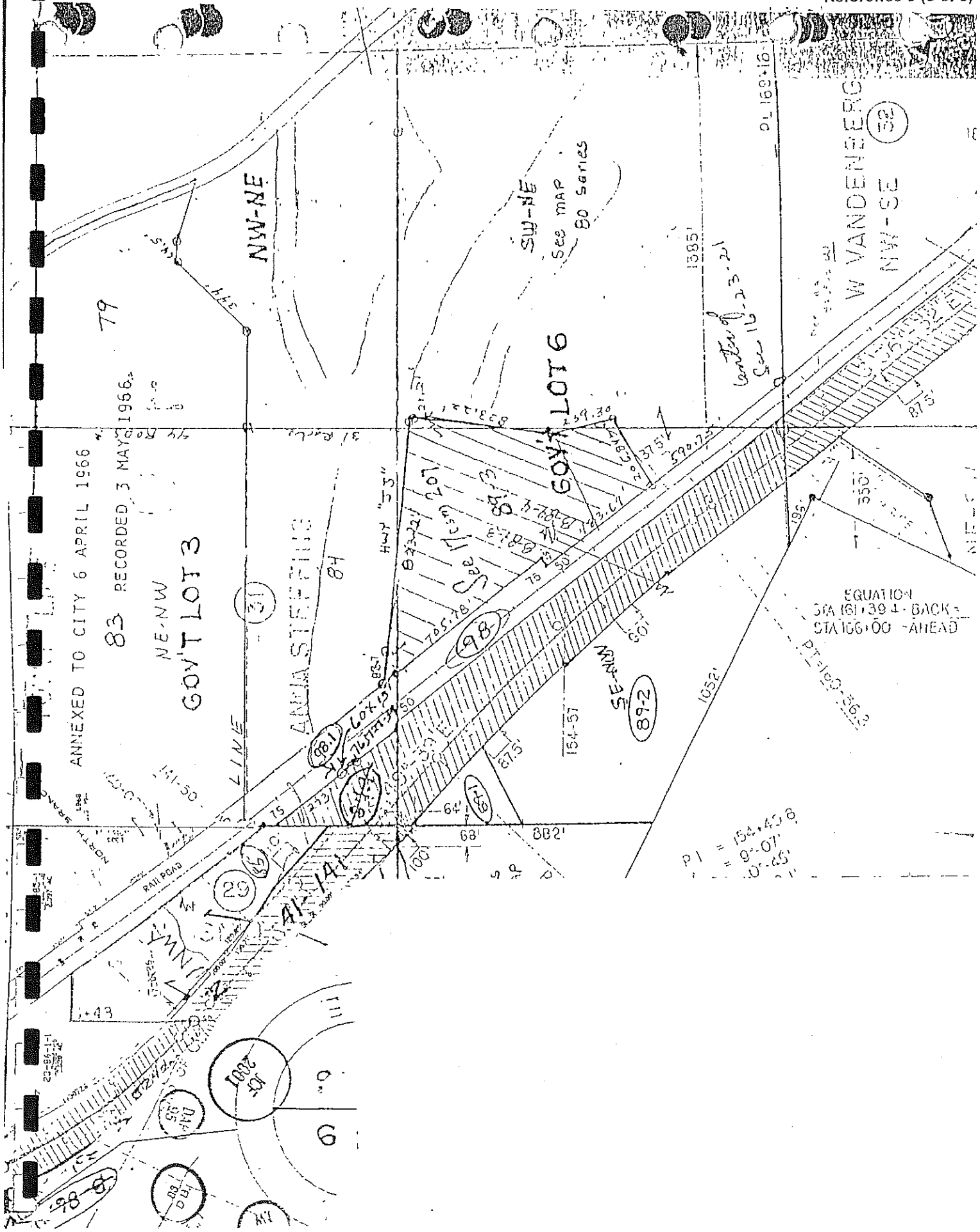
*
TITLE. MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Atty. Mark A. Warpinski
Green Bay, Wisconsin
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN
Brown County. } ss.
Personally came before me this ..... day of SEPT, 19 97 the above named Laura A. DeValk and Joseph T. Smits
to me known to be the person S who executed the foregoing instrument and acknowledge the same.
Mark A Warpinski
* MARK A WARPINSKI
Notary Public ..... County, Wis.
My Commission is permanent. (If not, state expiration date: ....., 19.....)

*Names of persons signing in any capacity should be typed or printed below their signatures


ANNEXED TO CITY 6 APRIL 1966
83 RECORDED 3 MAY 1966
NE-NW
GOV'T LOT 3
NW-NE
SW-NE
See MAP 80 Series
GOV'T LOT 6
W VANDENBERG
NW-SE
SE-NW
89-2
EQUATION
STA 161+39.4 - BACK =
STA 166+00 - AHEAD
RAILROAD
LINE
79
31
29
98
98.1
41-141
1385'
1052'
882'
154-57
87.5'
68'
64'
PI = 154+49.8
= 9°-07'

1745803

Document Number
QUIT CLAIM DEED
State Grantor
Wisconsin Department of Transportation
Exempt from fee: s.77.25(2) Wis. Stats.
DT1563 1099(Replaces RE3047)

BROWN COUNTY
REGISTER OF DEEDS
CATHY WILLIQUETTE

2001 MAR 29 A 9:29

THIS DEED, made by State of Wisconsin, Department of Transportation, grantor, quit claims to, Bernard J. & Mary L. Smits

grantee(s), for the sum of Mutual Benefits ($) pursuant to Section 84.09(5) Wisconsin Statutes, the property described below.

Legal Description / Restrictions

LEGAL DESCRIPTION IS ATTACHED HERETO AND MADE A PART HEREOF BY REFERENCE.

This space is reserved for recording data

14 (3)

Return to
Transportation District 3
944 Vanderperren Way
Green Bay, WI 54304

Parcel Identification Number/Tax Key Number

11-11-99
(Date)

Thomas S. Wagner
(State Real Estate Manager)

Thomas S. Wagner
(Print Name)

3/22/00
(Date)

State of Wisconsin)
Dane County) ss.

On the above date, this instrument was acknowledged before me by the named person(s) or officers.

Deanna D. Walsh
(Signature, Notary Public, State of Wisconsin)

DEANNA D. WALSH
(Print or Type Name, Notary Public, State of Wisconsin)

12-23-01
(Date Commission Expires)

DEANNA D. WALSH NOTARY PUBLIC STATE OF WISCONSIN (SEAL)

Project ID SAP 3934/FAP020(74) This instrument was drafted by Wisconsin Dept of Transportation Parcel No. 27, 28, & 29, 10

LEGAL DESCRIPTION

That part of the USH 141 right of way in the SW ¼-SW ¼ of Section 9, T23N, R21E, Brown County, State of Wisconsin, described as follows:

A strip of land approximately 20 feet wide, lying northeast of USH 141 and contained within described traverse:

Commencing at the southwest corner of said Section 9; Thence along the south line of said Section, N 89°30'18" E, 279.69 feet to the Point of Beginning; Thence continuing along said south line, N 89°30'18" E, 22.75 feet; Thence northwesterly 576.92 feet along the existing right of way and a curve to the right, having a radius of 1983.70 feet and chord bearing N 20°40'55" W, 574.89 feet; Thence continuing along said right of way, N 12°21'01" W, 4.09 feet to the southwest right of way of the Fox Valley & Western Ltd.; Thence northwesterly 31.00 feet, along said right of way and a curve to the left, having a radius of 3727.25 feet and a chord bearing N 52°33'21" W, 31.00 feet; Thence along the new right of way line of USH 141, (herein established) S 12°22'44" E, 27.78 feet; Thence continuing southeasterly 571.87 feet, along said new right of way and a curve to the left, having a radius of 2003.26 feet and a chord bearing S 20°31'29" E, 569.93 feet to the Point of Beginning.

Also, that part of the USH 141 right of way in the NW ¼-NW ¼ of Section16, T23N, R21E, Brown County, State of Wisconsin, lying northeast of USH 141 and contained with in the following two described traverses:

A strip of land approximately 15 feet wide, lying northeast of USH 141 and contained within the following described traverse: Commencing at the northwest corner of said Section 16; Thence along the north line of said Section, S 89°30'18" E, 271.18 feet to the Point of Beginning; Thence southeasterly 680.60 feet along the new right of way of USH 141 (herein established) and a curve to the left, having a radius of 2010.76 feet and a chord bearing S 38°17'06" E, 677.35 feet; Thence continuing along said new right of way, S 47°54'45" E, 203.68 feet; Thence N 42°05'15" E, 15.00 feet to the existing southwest right of way of USH 141 and a Point "A"; Thence along the existing northeast right of way of USH 141, N 47°54'45" W 203.66 feet; Thence continuing northwesterly 667.33 feet, along said existing right of way line and a curve to the right, having a radius of 1996.79 feet the chord bearing N 38°22'37" W, 664.23 feet; Thence along the north line of said Section 16, S 89°30'18" W, 17.23 feet to the Point of Beginning.

Also, commencing at the above located Point "A"; Thence along the existing northeast right of way of USH 141, S 47°54'45" E, 100.00 feet to the Point of Beginning; Thence continuing along said existing right of way, S 47°54'44 " E, 129.85 feet; Thence along the new USH 141 right of way (herein established), N 54°30'07" W, 130.71 feet ; Thence N 42°05'15" E, 15.00 feet to the Point of Beginning.

Also, that part of the USH 141 right of way in the NW ¼-NW ¼ of Section16, T23N, R21E, Brown County, State of Wisconsin, lying southwest of USH 141 and contained within the following two described traverses:

Commencing at the northwest corner of said Section 16; Thence along the north line of said Section, N 89°30'18" E 190.92 feet to the USH 141 right of way reference line as laid out with the Department of Transportation Projects SAP 3934/FAP 020(11) and 1451-13-21; Thence southeasterly 742.53 feet along said reference line and the arc of a

1745803

2083.26 foot radius curve to the left, with a chord bears S 37°44'25" E and a chord length of 738.60 feet; Thence continuing along said reference line, S 47°57'04" E, 270.60 feet; Thence S.42°05'15" W, 88.71 feet to the new southwest right of way line of USH 141 (herein established) and the Point of Beginning; Thence along said new right of way line, S 47°54'45" E, 250.00 feet; Thence S 42°05'15" W, 12.50 feet to the existing southwest right of way line and Point "B"; Thence along said existing right of way, N 47°54'45" W, 250.00 feet; Thence N 42°05'15" E, 12.50 feet to the Point of Beginning.

Also, commencing at the above located Point "B"; Thence along the existing USH 141 right of way line, S 47°54'54" E, 70.00 feet to the Point of Beginning; Thence N 42°05'15" E, 12.50 feet; Thence along the new southwest right of way line of USH 141 (herein established) S 47°54'45" E, 90.00 feet; Thence continuing along said new right of way line, S 44°12'58 E,193.94 feet to the intersection of the north right of way line of Verlin Road and the existing southwest right of way line of USH 141; Thence along the existing right of way line USH 141, N 47°54'43" W, 283.53 feet to the Point of Beginning.

Containing 0.72 acre, more or less.

This Instrument is given to correct the description on a certain Quit Claim Deed recorded as document number 1730726 in the office of the Brown County Register of Deeds

Reference 10

Foth & Van Dyke

REPORT

Phase I and II Environmental Assessment
Verlin Road Corridor
Bellevue, Wisconsin

Project ID: 4987-01-08
Scope ID: 90B47

Town of Bellevue

March 1992

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary

101 S. Webster St.
Box 7921
Madison, Wisconsin 53707-7921
Telephone 608-266-2621
FAX 608-267-3579
TTY 608-267-6897

August 14, 2001

Bernard J and Mary L. Smits
Smitty Salvage and Supply, Inc.
2325 Main Street
Green Bay, Wisconsin 54322

Casetrack # 2000-NEEE-011
FID# 405158380

SUBJECT: Referral to the Department of Justice

Dear Mr. and Mrs. Smits:

The Department of Natural Resources has referred Smitty Salvage and Supply, Inc and you, individually, to the Department of Justice for alleged violations of Wisconsin's State Remediation & Redevelopment, Hazardous Waste, Solid Waste, and Air Management statutes and rules at the facility located at 2325 Main Street, Green Bay, Brown County, Wisconsin

The alleged violations are:

- operating without a solid waste license - **Section 289.31(1), Wis. Stats,**
- operating without a hazardous waste license - **Section 291.25(2)(b), Wis. Stats.,**
- failure to make a hazardous waste determination - **Section 291.21, Wis. Stats.,**
- failure to restore the environment - **Section 292.11(3) Wis. Stats.**, and
- freon releases to the environment - **Section 285.59(4)(a), Wis. Stats.**

Please contact Anne M. Brey, Environmental Enforcement Specialist, (920) 492-5863, if you have questions regarding this letter.

Sincerely,

Steven L. Sisbach, Director
Office of Environmental Enforcement
Bureau of Law Enforcement

c: A. Brey - NER
L Eagan - AM/7
M Giesfeldt - RR/3
S. Bangert - WA/3
T. Steidl - LS/5
J. Renville – LS/5
P. Flaherty – LS/5
C. Leveque – LS/5
K. DuFresne – NER
T. Hegeman – NER
K. Lauridsen - NER

WI DNR
RECEIVED
AUG 3 2001
NER WASTE/RR

State of Wisconsin

CORRESPONDENCE/MEMORANDUM

DATE: January 16, 2002

TO: Smitty's Salvage & Supply Case File
WDNR BRRTS # 02-05-257483

FROM: Kristin DuFresne - KD Remediation & Redevelopment

SUBJECT: Smitty's Salvage & Supply

On January 16, 2002, DuFresne spoke with Terry Hegeman, WDNR Waste Management Hydrogeologist, regarding documented waste piles at Smitty's Salvage & Supply located at 2325 Main Street, Green Bay, Wisconsin The purpose of the discussion was to gather additional detail on waste piles "Pile East Side" and "Pile New" both of which are located on the Main Yard

According to Hegeman, waste piles are generated by Smitty's employees when they scrape materials off the ground surface into a pile Waste piles "Pile East Side" and "Pile New" are believed to have been generated in this manner. Other waste piles have been generated from trailer sweepings. Trailer sweeping waste piles are generated after scrap metal is hauled to a processing facility or foundry. When Smitty's truck returns to the yard the residue remaining on the trailer is swept out of the trailer and disposed of onto the ground, generating waste piles, without protection of the environment The waste piles typically consist of soil, small pieces of glass, and miscellaneous metal, plastic and wood debris.

On October 26, 2000 WDNR located a waste pile on a cement pad behind the aluminum can recycling operation (Pile New). The pile is believed to consist of approximately 1.5 yards of material. See the attached map for an approximate location of Pile New

At one time Pile East Side was a pile, however, Smitty's screened the pile to remove recyclable metal. The remaining residue from the pile was spread over a portion of the Smitty's Salvage & Supply Main Yard

Over the years several waste piles have been identified on the Smitty's Salvage & Supply property Waste piles identified during one inspection have been unlocatable during later inspections. New waste piles have also been found in locations where piles formerly did not exist.

Attachment

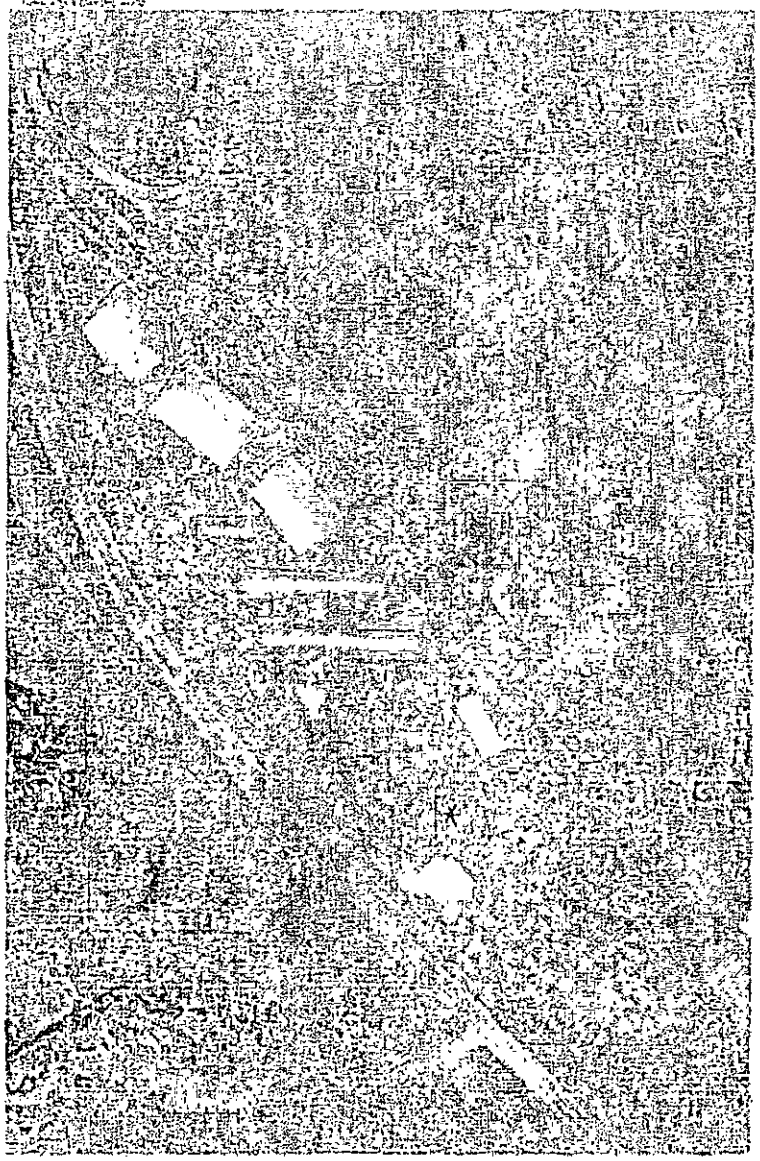
Printed on Recycled Paper

Reference 12 (2 of 2)

Microsoft TerraServer Display Image USGS Aerial Photograph

7 km NE of De Pere, Wisconsin, United States 06 May 1992

USGS



0 1000M

Image courtesy of the US Geological Survey.

* Approximate location of Pulp Mill.

KD

MONTGOMERY WATSON

October 28, 1997

Mr. Len Polczinski
Wisconsin Department of Natural Resources
1125 N. Military Avenue
P.O. Box 10448
Green Bay, Wisconsin 54307-0448

Re. Recycling of Soil Stockpiles
Smitty's Salvage and Supply, Inc.
Intersection of County JJ and Main Street
Green Bay, Wisconsin

ERRPID #02-05-105291
FID #405158380

Dear Mr. Polczinski:

On behalf of Smitty's Salvage and Supply, Inc. (Smitty's), this letter summarizes our discussions during the meeting on October 15, 1997 regarding the activities associated with recycling soil stockpiles at the above-referenced site (see Drawing A1). Specifically, recycling of soil stockpiles will be performed in consideration of the legitimate recovery or reclamation requirements of s.NR 625.06 Wis. Admin. Code.

For convenience in reviewing, this letter is organized into the following sections:

- General Description
- Legitimate Recovery and Reclamation Requirements, including:
  - Security Requirements
  - Preparedness and Prevention Requirements
  - Contingency Plan and Emergency Procedures
  - Personnel Training Requirements
  - Manifest, Recordkeeping and Reporting Requirements
  - General Inspection Requirements
  - Hazardous Waste Discharge Reporting Requirements
  - Notification Requirements
  - Operation Requirements
  - Other Requirements
- Characterization of Remaining Soil
- Verification Sampling
- Closing Remarks

SECTION 1
GENERAL DESCRIPTION

Soil stockpiles are present in a storage yard located across Main Street from Smitty's main yard (see Drawing A1), including:

- Soil Stockpile 1 approximately 13.5 ft x 12 ft x 2.5 ft tall (i.e., 15 cy)
- Soil Stockpile 2 approximately 13 ft x 13.5 ft x 2 ft tall (i.e., 13 cy)

One Science Court
PO Box 5385
Madison, Wisconsin
53705-0385

Tel: 608 231 4747
Fax: 608 231 4777

MEMORANDUM

Northern Environmental Technologies, Inc.
954 Circle Drive
Green Bay, WI 54304
Phone: (920) 592-8400
Fax: (920) 592-8444

DATE: September 7, 2000

TO: Terry Hegeman – WI Department of Natural Resources

FROM: Bruce Meissner – Northern Environmental Technologies, Inc.

RE Overview of Investigative Activities at Smitty's Salvage and Supply (SSP 03-1209-1039)

On May 9 and 10, 2000 Northern Environmental implemented site investigation activities at Smitty's Salvage and Supply, 2325 Main Street, Green Bay, Wisconsin. Investigation activities centered on a trailer sweepings area at the salvage yard and a property located west of the salvage yard across Main Street where contaminated soil piles were formerly stored. The objective of investigating the trailer sweepings area was to characterize the waste material present as being a solid waste or hazardous waste. An investigation was ordered near the location of former contaminated soil piles on the property west of the salvage yard to determine the extent of contamination. During a site visit to the property in April a new area to be investigated was noted by Terry Hegeman of the WDNR, subsequently this area was also investigated. Finally three creek samples were collected one from near the trailer sweepings area and two samples near the soil piles locations.

Investigative activities related to the trailer sweeping area conformed to a workplan submitted by Northern Environmental in March, 2000. Remaining investigative activities were performed based upon a workplan submitted to the WDNR by Montgomery Watson in August and September 1998.

Included with this memo are several tables and figures for reference and are summarized below:

Figure 1: Sample Grid Layout for Trailer Sweepings Area
Figure 2: Site Location Map Showing Creek Sample Location
Figure 3: Site Location Showing location of Soil Piles
Figure 4: Samples Locations from Soil Pile Investigation

Table A: Creek Sample Analytical Results
Table B: Samples Analytical Results of Area Near Soil Pile #5
Table C: Analytical Results of Trailer Sweepings Area
Table D: Analytical Results of Soil Pile Investigation

MONTGOMERY WATSON

July 23, 1998

Messrs. Karl Roovers
Terry Hegeman
Wisconsin Department of Natural Resources
Northeast Region Headquarters
P.O. Box 10448
1125 North Military Avenue
Green Bay, Wisconsin 54307

Re: Revised Sampling Plan
Smitty's Salvage and Supply, Inc.
2325 Main Street
Green Bay, Wisconsin

Dear Messrs. Roovers and Hegeman:

Thank you for meeting with us on July 2, 1998 to discuss the status of the trailer sweeping pile disposal project at the above referenced site. On behalf of Smitty's Salvage and Supply, Inc. (Smitty's), this letter summarizes our discussions during this meeting, and presents a revised Sampling Plan. Specifically, the Sampling Plan was revised in consideration of our discussions that day, Section 4 of Montgomery Watson's October 18, 1997 letter, and the February 16, 1998 WDNR letter.

SECTION 1
SUMMARY OF MEETING DISCUSSIONS

Topics discussed during the meeting on July 2, 1998, included:

- Industrial Versus Non-Industrial RCLs
- Approach to Manage Soils Beneath Piles
- Tracer Analyte
- Other Potential Pathways
- Management of Other Soils
- Schedule

The following subsections were prepared in consideration of our discussions on July 2, 1998.

One Science Court
P.O. Box 5385
Madison, Wisconsin
53705-0385

Tel: 608 231 4747
Fax 608 231 4777

State of Wisconsin
Department of Natural Resources

04-05-264549

Substance Release Notification
Form 4400-91 (Rev 5-2000) page 1 of 2

24-Hour Emergency Hotline Number: 1-800-943-0003

Date and Mil. Time of Incident: historic		Date and Mil. Time Reported: 7-12-00
Person Reporting: anon.	Representing: —	Phone # ( ): —
Responsible Party/Spiller: Smitty's Salvage	RP Decision based on: Owner	Phone # ( ): 920-468-7715
RP Contact Name: Bernard Smits		Phone # ( ): 920-468-7715
Address: 2325 Main St		City, State, Zip Code: Green Bay WI 54311
Substance Involved: freon - wasteoil, gasoline, antifreeze	Amount & Units Released: unknown	Amount Recovered: -0-

☐ Solid ☐ Semisolid ☒ Liquid ☐ Gas Color _____ Odor _____

Exact Location (inc. address, facility name, mileage, bldg. #, etc.): 2325 Main St		Property Owner (if known): Smitty's Salvage
City: Green Bay	County: Brown	Lat/long:
DNR Region: NER	___1/4___1/4sec___T___NR___(E/W)	Weather Cond:

Cause of Incident: historic releases from vehicle dismantling

Spilled Substance Impact To:
Check (√) all that apply:
- ☐ Air ☒ Potential
- ☒ Soil ☐ Potential
- ☐ Groundwater ☒ Potential
- ☐ Surface Water ☒ Potential
  Name _____
- ☐ Storm Sewer ☐ Potential
- ☐ Sanitary Sewer ☐ Potential
- ☐ Concrete/Asphalt ☐ Potential
- ☐ Private Well ☐ Potential
- ☐ Contained/Recovered
- ☐ Other: _____

Spill Source:
- ☐ Transportation Accident, Fuel Tank Spill
- ☐ Transportation Accident, Load Spill
- ☐ Industrial Facility ☐ Paper Mill ☐ Chemical Co.
- ☐ Ag Coop/Facility/ Food Factory/Facility Salvage Yd
- ☒ Gas/Service Station/Garage/Auto Dealer, Repair Shop
- ☐ Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler
- ☐ Public Property (city, state, church, school, etc.)
- ☐ Utility Co, Power Generating/ Transfer Facility
- ☐ Private Property (home/farm)
- ☐ Construction, Excavation, Wrecking, Quarry, Mine
- ☐ Airport Facility ☐ Railroad Facility
- ☐ Other _____

Action Taken By Spiller:
- ☒ No Action Taken
- ☐ No Action Needed
- ☐ Monitor
- ☐ Cleanup Method: _____
- ☐ Waste Destination: _____
- ☐ Containment
- ☐ Contractor Hired
  Name: _____
- ☐ Other: _____

Injuries? ☐ Yes ☒ No If yes, how many? _____ Has an evacuation occurred? ☐ Yes ☒ No Potential? ☐ Yes ☐ No

Are there any resource damages? ☐ Yes ☒ No ☐ Potential What kinds? _____

Other Agencies Notified (√ first column if notified) (√) both columns if on the scene

☐☐ Fire Department	☒☒ Local DNR	☐☐ EPA
☐☐ Local Law Enforcement	☐☐ Div. Emer. Mgt.	☐☐ Nat'l Resp. Ctr. 800-442-8802
☐☐ LEPC or Local Emer. Mgt.	☐☐ Coast Guard	☐☐ Chemtrec 800-424-9300
☐☐ Level A/Level B Team	☐☐ DHFS 608-258-0099	☐☐ Other _____

Incident Commander if known: _____ Phone: _____

Prepared By: (Print) RN Chronert	(Phone) 920-492-5592	Date: 8-16-00	Rpt'd to DATCP? ☐ Yes ☒ No
Person Notified:	(Phone)	Date:	Time:
Investgtd By: (Print)	(Sign)	Date:	Incident Closed? ☒ Yes ☐ No Date: 8-16-00 (TO ERP)
Spill Coordinator Signoff: [signature]	Date: 8-16-00	Transferred to: ERP ☒ DATCP ☐ Date: Case # 02-05-257483	NFA Letter Sent? ☐ Yes ☒ No Spill Packet Sent? ☐ Yes ☒ No To:

☒ Additional Comments on Reverse

CASE ACTIVITY REPORT

State of Wisconsin
Department of Natural Resources

2000C183006.ALJW	Case Title Smitty's Salvage and Supply
Activity CFC Inspection	Date of Activity July 17, 2000

Narrative[1]

On July 17, 2000, Weix conducted an inspection at Smitty's Salvage and Supply, (hereafter known as Smitty's) located at 2325 Main Street, Green Bay, WI, telephone number 920-468-7715. Smitty's is the business of salvaging vehicles, appliances, (some of which contain freon) and scrap metal. On July 17, 2000, Weix arrived at Smitty's at 10:00a.m. and proceeded to the office. The office is located on the second floor of the building closest to the gate. In the office Bernie Smit immediately recognized Weix from previous meetings we have had. Weix shook hands and explained to Smitts that Weix was here to inspect Smitty's premises for salvaged vehicles and appliances that contain freon. Weix asked for and received permission to conduct an inspection of the premises.

Weix asked Smit where freon was being recovered from vehicles and appliances. Smit replied that he does not evacuate freon from appliances, this is done for Smitt by Cavanaugh, Inc., 3797 New Franken Road, New Franken, Wisconsin, telephone number 920-866-3060. However, freon from vehicles is evacuated in a building at the back of Smitty's property. Smit said the person who evacuates freon from salvaged vehicles was Larry Guillette and that Guillettee was on vacation for the whole week. Smit said the the building where the freon recovery machine is located was locked. Smitt thought only a few vehicles had ever had freon evacuated from them.

Smit said if Weix wanted to see the recovery equipment Smit would find someone to unlock the door for Weix. Smit got on a two-way radio and called Jeff to the office. A few minutes Later Jeff arrived in the office. Jeff identifed himself as Jeff Lepak. Smit started looking for a key to unlock the building and had a difficult time finding one. Finally a key was located. Lepak said he would take Weix back to the locked building and show Weix the freon recovery machine. Lepak and Weix went to the location of said building. Using the key Lepak unlocked the building and turned off the security alarm inside. When Lepak and Weix entered the building all that could be seen was tools and mechanical equipment. There were no vehicles or appliances inside. Along a wall of the building I could see the freon recovery machine. The machine was a RRTI Model RRU30. Next to the machine was two compressed gas cylinders. Weix lifted both of these cylinders and found them to be light. Weix guessed them to be empty. Weix asked Lepak where the freon evacuation records were, Lepak replied all the evacuation is done by Guillette and Lepak does not know where Guillette keeps the records. Weix asked Lepak if Lepak knew how many vehicles get evacuared. Lepak replied he did not know how many vehicles were evacuated. Lepak did say that most vehicles coming into the yard were older vehicles and did not contain freon.

Weix asked Lepak what happens to the vehicles after the freon has been evacuated. Lepak said "the freon lines are cut and the vehicle is stripped for parts". Lepak then took Weix to the location where the vehicles were stripped. It was a building located about 50 yards from the building where the freon is said to be recovered. It was an open-air building that had four stations. Lepak said each station would strip one vehicle. Each station had the capability to turn a vehicle on its side to drain fluids from the vehicle.

Lepak and Weix then went back to the main office and met with Smit. Weix informed Smit that he did not find and

Field Staff LJW Lawrence J. Weix	Date of Report September 12, 2000	

records of vehicles having freon evacuated from them. Smit's reply was that is because Smitty's Salvage took in a lot of older vehicles that may not contain freon.

I handed Smit a letter I typed dated July 17, 2000, asking about Smitty's operation (see attachment). The request is for information regarding vehicles processed by Smitty's Salvage. Weix stated that Smit should send the information back to Weix as soon as possible.

Weix shook hands with Lepak and Smit and left the premises.

10-23-2001

Met Burns on-site to request permission to collect soil samples for laboratory analysis. Conducted site walk over. Decided to collect soil samples for VOCs, GRO and DRO from 3 locations.

Soil sample SS5-1 collected near bin storage area to the east of new office. Area was covered with relatively fresh gravel. Sample collected approximately 5' east/northeast of northernmost bin. Sample collected with a hand trowel. Cleared away fresh gravel (~ 2-3") before rocking pressure around surface and collecting sample.

Soil sample SS5-2 collected near covered vehicle chop area (old chop area). Sample collected approximately 1' off the west side of concrete slab and approximately 40' from southwest

10-23-01

corner of building. Sample collected with a hand trowel. Surface to 1" sample depth.

Soil sample SS5-3 collected near the former location of the hydraulic gasoline tank pile. Sample collected approximately 8' southwest of southwest corner of building. Approximately 3" of soil broken asphalt and some small vehicle pieces/parts cleared away before sample was collected. A new hand trowel was used for sampling (we did not use the same trowel for debris cleaning and sampling)

Bernard Smith was offered split samples. Smith did not take splits as he did not have sample jars.

Evidence slip #20540 was provided

10-23-01
to Smits for soil samples SSS-1, SSS-2 and SSS-3.

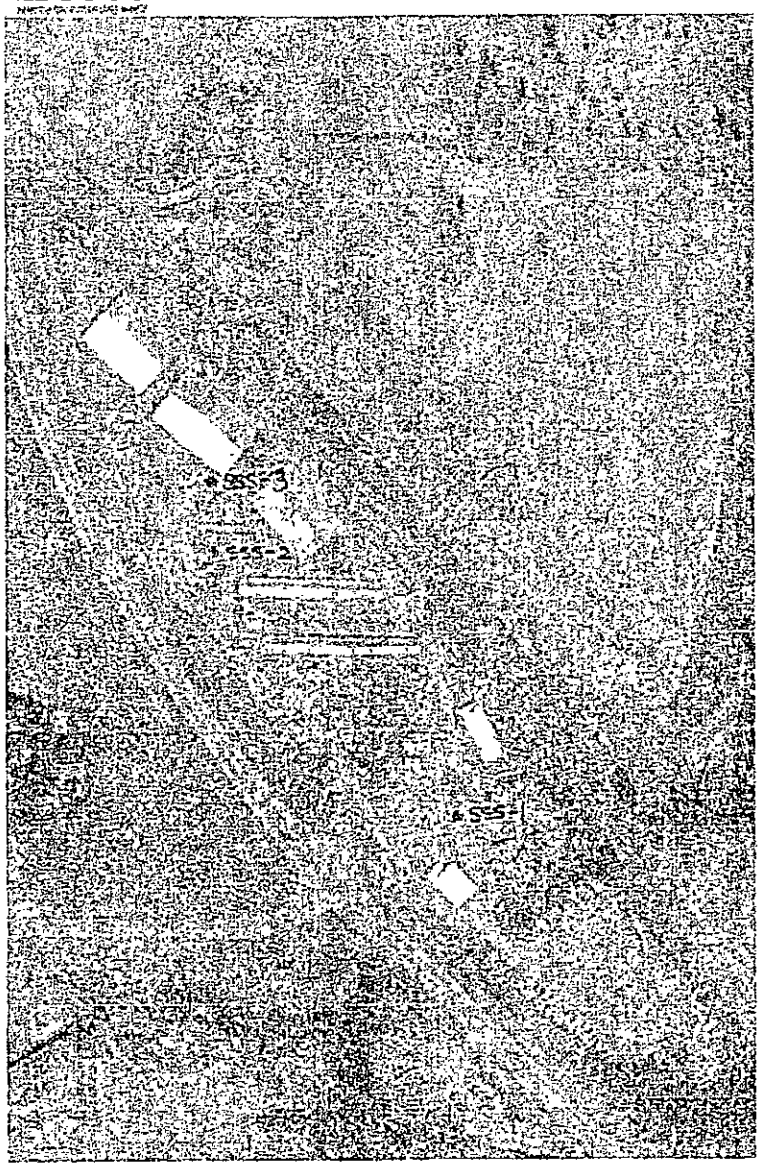
Sample references to bin storage area, crushed vehicle chop area (old chop area) and vehicle gasoline tank pile (former) were obtained from Roxanne Nelson. Chronert's map found in WDNR ERP case file referred to as Smittys Salvage + Supply (BRRTS # 02-05-257483) Map based on observations made by Chronert during 08-02-2000 inspection.

Kristin DuFresne

Microsoft TerraServer Display Image USGS Aerial Photograph

7 km NE of De Pere, Wisconsin, United States 06 May

USGS



0 100M 0 100yd

Image courtesy of the US Geological Survey.

Smitty's Salvage and Supply
October 23, 2001
Soil sample locations
Terry Hegeman and Kristin DuFresne samplers

State of Wisconsin

CORRESPONDENCE/MEMORANDUM

DATE: January 11, 2002

TO: Anne Brey - Environmental Enforcement

FROM: Kristin DuFresne - Remediation & Redevelopment KD

SUBJECT: Smitty's Salvage & Supply

On October 23, 2001, WDNR staff consisting of Terry Hegeman, Marcy McGrath and Kristin DuFresne collected three soil samples for laboratory analysis from the Smitty's Salvage & Supply - Main Yard site located at 2325 Main Street, Green Bay, Wisconsin. The purpose of the sampling was to determine if a release to the environment has occurred under the Spills Law as defined in s. 292.11, Wis. Stats.

Soil samples were laboratory analyzed by the State Laboratory of Hygiene for Diesel Range Organics, Gasoline Range Organics, and Volatile Organic Compounds. Soil samples were collected from three locations: 1) bin storage area, 2) old chop area and 3) vehicle gas tank pile (former) Based on the analytical results, in the attached table, a release to the environment is believed to have occurred in the bin storage area and the old chop area Additional sampling is recommended to confirm these results and to define the degree and extent of contamination.

Copies of the laboratory analytical reports are available upon request. If you have any questions, feel free to contact me at 920-492-5943

	Units	NR 720 Soil Standard	Bin Storage Area	Old Chop Area	Vehicle Gas Tank Pile (Former)
Sample Depth			Surficial	Surficial	Surficial
DRO	mg/kg	100/250	**4,000**	**13,000**	31
GRO	mg/kg	100/250	13	**1,900**	2.5
Benzene	ug/kg	5 5	50	**21,000**	<15
Ethylbenzene	ug/kg	2,900	<25	**37,000**	<25
Isopropylbenzene	ug/kg	---	<15	1,200	<15
Naphthalene	ug/kg	440 (proposed)	140	**26,000**	73
n-propylbenzene	ug/kg	---	<15	2,500	<15
p-isopropyltoluene	ug/kg	---	<15	600	<15
Toluene	ug/kg	1,500	220	**68,000**	210
Trichlorofluoromethane	ug/kg	---	190	<25	<25
1,2,4-Trimethylbenzene	ug/kg	---	<25	980	<25
1,3,5-Trimethylbenzene	ug/kg	---	240	470	<15
O-xylene	ug/kg	4,100 (cumulative)	160	**47,000**	<15
M/P-xylene	ug/kg		<25	**140,000**	<25

Results in bold indicate a WAC NR 720 soil standard exceedance.

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State of Wisconsin

CORRESPONDENCE/MEMORANDUM

DATE: January 8, 2002

TO: Kristin DuFresne - Remediation & Redevelopment

FROM: Diane Hammel - Waste Management

SUBJECT: Smitty's Salvage & Supply

On January 8, 2002, I searched SHWIMS to determine if Smitty's Salvage & Supply, 2325 Main Street, Green Bay, Wisconsin holds any licenses My search indicated that the Department has not issued any licenses to Smitty's for the management of waste.

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Reference 21

State of Wisconsin
Department of Natural Resources
Box 7921, Madison, WI 53707-7921

Registration to Salvage or Dismantle Refrigeration Equipment

Form 4500-129 (R11-93) Page 1 of 4

NOTICE: This form is authorized by Section 285.59, Wis. Stats., and Chapter NR 488, Wis. Adm. Code. Completion of this form is mandatory. Penalties for not submitting this form range from $100 to $1000. Personally identifiable information included on this form may be used for verification with other state agencies or programs.

A. REGISTRATION INSTRUCTIONS: Please complete this application if your operation salvages or dismantles refrigeration or air-conditioning equipment designed to contain ozone-depleting refrigerants. Attach an explanation if you salvage or dismantle such equipment at a location other than the address below. See attached instruction sheet for additional information. PLEASE TYPE OR PRINT CLEARLY.

Name of Business or Governmental Agency:		Phone (Include Area code):
SMITTY'S SALVAGE & SUPPLY INC		414-468-7715
Address: 2325 MAIN	City: GREEN BAY	Zip Code: 54311
Name of Contact Person: BERNIE SMITS	Title: PRESIDENT	County: BROWN

B. FACILITY TYPE: Indicate in the space provided the type of equipment your operation will salvage or dismantle. Enter your Wisconsin Department of Transportation Salvage Dealer License number if you are so licensed:

1. Vehicle air conditioning equipment only;
2. Stationary refrigeration and/or air-conditioning equipment only*
3. Both types 1 and 2; WIS DOT Salvage Dealer License No. SL00440

*includes home appliances and commercial refrigeration and air-conditioning equipment containing ozone-depleting refrigerants

Type (1,2, or 3) 3

C. APPLICANT CERTIFIES THE FOLLOWING: Authorized person must read and sign below:

1. Remaining ozone-depleting refrigerants will be transferred from each piece of refrigeration equipment into storage tanks using approved refrigerant recovery equipment and procedures which will minimize the release of ozone-depleting refrigerants to the environment.
2. Individuals who use the approved refrigerant recovery equipment have, or are working under the direct supervision of individuals who have, successfully completed a training program specifically designed to train that individual to recover refrigerant from the type of refrigeration equipment that individual will salvage or dismantle.

Authorized Signature: [signature] Title: Pres Date Signed: 2/16/01

FOR WI DNR USE ONLY

CK # 31970
Amt $250.00
SP

FID NO. 405158380

Date Received 2/19/2001 Date Approved 3/6/01 Expiration Date 3/31/02

DNR REG SER SUB? ____

FEB 19 2001
AIR MANAGEMENT

Reference 22

INDEX | SEARCH WISCONSIN DEPARTMENT OF NATURAL RESOURCES

Bureau of DRINKING WATER & GROUNDWATER

Division of Water

Bureau of Drinking Water and Groundwater Intranet Page

Jill Jonas, Bureau Director, GEF 2, 2nd Floor, Pillar E9, (608)267-7545

Source Water Assessment Program (SWAP)

Drinking Water System - DWS

- Drinking Water System-Public Systems
- Drinking Water System-Public Contaminants
- Drinking Water System-High Capacity Wells
- Drinking Water System-Well Construction

Groundwater Retrieval Network - GRN

- Groundwater Retrieval Network

What's New?

Bubbler Newsletter - June

HAL

Events, Information, Newsletters about recent activities in our bureau
Administrative Code (exit DNR)

Produced by Wisconsin Department of Natural Resources, Bureau of Drinking Water and Groundwater
Legal notices and disclaimers: Website Legal Information
HR Internet Manager Margie Damgaard, 608 267.2301
Technical problems with Website DNR Webmaster
Last updated. June 5, 2002

Reference 23

Program Descriptions

Census 2000

Population & Housing Estimates

Population Projections

Wisconsin Geography

Maps & Graphics

Downloadable Files

Other Census Information & Products

Demographic News

Publications

Intergovernmental Relations Home

Housing & Intergovernmental Relations Home

Population & Housing Estimates

Official Population Estimates – 2001 Final

- DOA Adjustments to Census 2000 Counts
- Wisconsin Population Overview
- County Estimates
  - PDF Format — Microsoft Excel Format
- Municipality Estimates by County
  - PDF Format — Microsoft Excel Format
- Municipalities Over 10,000 in Population
  - PDF Format — Microsoft Excel Format
- Municipalities in Multiple Counties
  - PDF Format — Microsoft Excel Format

Housing Unit and Household Estimates

- County Estimates of Total Housing Units
  - PDF Format — Microsoft Excel Format
- County Estimates of Occupied Housing Units (Households)
  - PDF Format — Microsoft Excel Format

To view any links that have the icon of or state "PDF Format" you will need Adobe Acrobat Reader . You can find the Adobe Acrobat Reader at Adobe's site. http://www.adobe.com

The items above that state "Microsoft Excel Format" you will need to have Microsoft Excel or a compatible viewer.

If you have any questions or comments, please e-mail Bob Naylor in the Demographic Services Center at bob.naylor@doa.state.wi.us or call 608-266-1927.

Wisconsin Department of Administration
101 East Wilson Street • Madison, WI 53702

Last Updated: 7/5/2002

DuFresne, Kristin I

From: Scherer, Kenneth W
Sent: Monday, June 24, 2002 12:15 PM
To: DuFresne, Kristin I
Cc: Barnum, Robert P
Subject: RE: Water Supply Question - City of Green Bay

Ken, can you help Kristin, thanks!

From: DuFresne, Kristin I
Sent: Monday, June 24, 2002 10:54 AM
To: Barnum, Robert P
Cc: DuFresne, Kristin I
Subject: Water Supply Question - City of Green Bay

Hello Bob. Would you tell me who the Water Supply Engineer would be for the City of Green Bay? KEN SCHERER I need to ask him/her the following questions relating to a Superfund Preliminary Assessment I am working on for Smitty's Salvage and Supply Any help you can provide would be appreciated.

1 How many wells does the City of Green Bay have and how many are they using? 9 They are all for emergency use only. Well #10 (1 of the 9) is currently being used for an Aquifer Storage and Recovery (ASR) pilot project. If it is successful, this well and possibly several of the other existing wells may be utilized as ASR wells and would be considered an active part of the water supply system.

2. What is the total annual pumpage for all wells (collectively).
Currently they are only pumped into the system once a month while they are exercised. At this point, each well pumps about 50,000 gallons once a month - except well #10
7,020,000 in 2001
3. How many surface water intakes does the City of Green Bay have and/or use? 2

4. What is the total annual pumpage for the surface water intakes (collectively). 6,617,143,000 in 2001

Thank you in advance for your assistance!

Kristin DuFresne - Hydrogeologist
Remediation & Redevelopment Program
WDNR - Northeast Region
1125 N Military Avenue
P.O Box 10448
Green Bay, WI 54307-0448
Telephone (920) 492-5943
Fax. (920) 492-5859
E-mail: kristin.dufresne@dnr state wi.us

DuFresne, Kristin I

From: Burnett, John T
Sent: Tuesday, July 16, 2002 10:57 AM
To: Erdmann, Kathryn M; DuFresne, Kristin I
Subject: Smitty - Pvt. Well Population Estimate

Smitty groundwater/pvt well population within 4 miles estimate based on *Census 2000, U.S. Census Bureau*

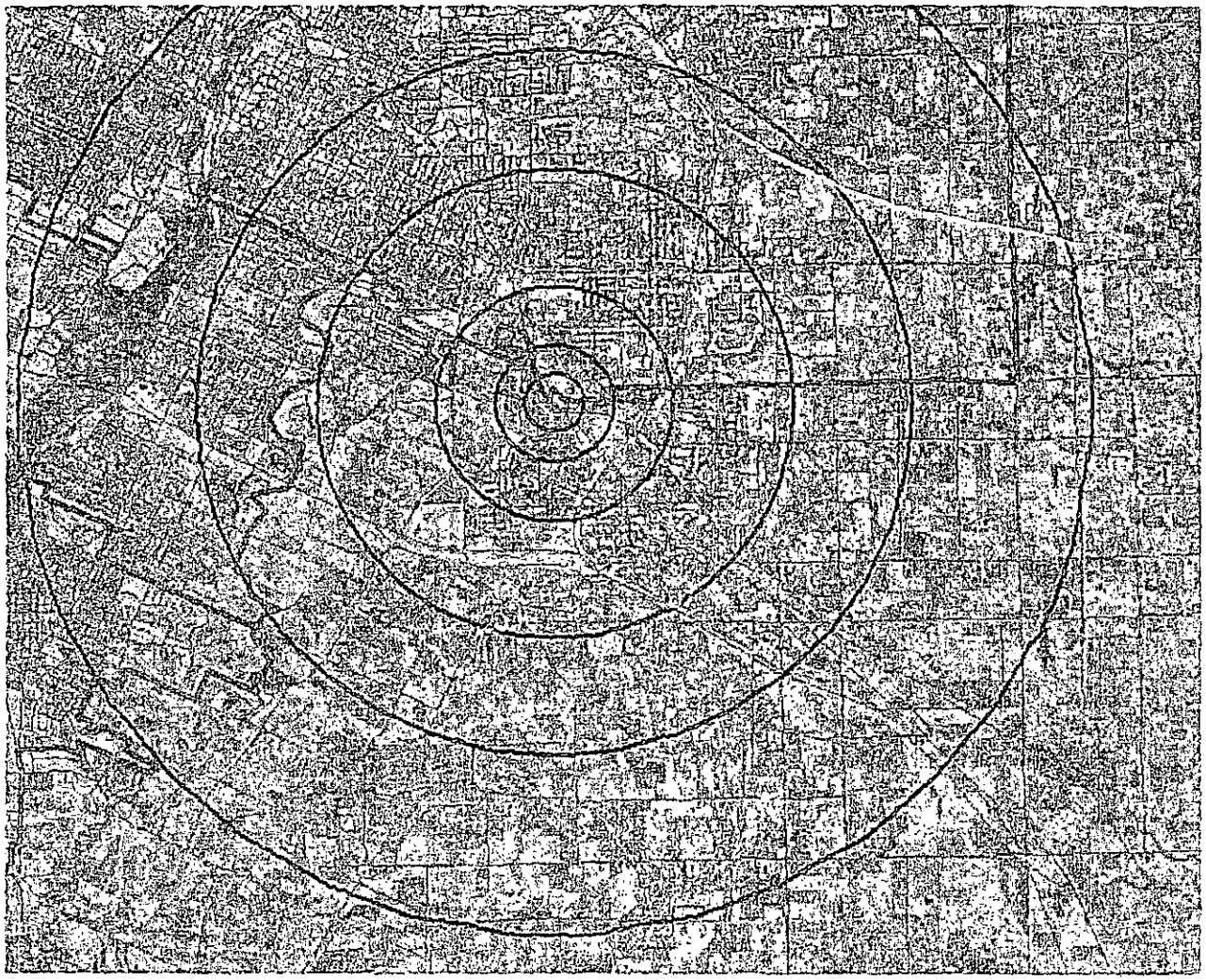
Miles	Population
1-2	158
2-3	370
3-4	909

pvtwellpopulation.jpg

John Burnett - RR/3
Wisconsin Department of Natural Resources
P.O. Box 7921
Madison, WI 53707-7921
608-266-2632
burnej@dnr.state.wi.us
Visit our website at: http://www.dnr.state.wi.us/org/aw/rr/

Smitty Salvage - Census Blocks on Private Wells Within 4 Miles

green label is total population for that census (2000) block



Brblk00.shp
Municipalities
DNR Admin. Regions
Public wells.shp
- MC
- NN
- OC
- TN

N
W E

3 0 3 6 Miles

file://C:\TEMP\pvtwelllpopulation.jpg

07/16/2

Reference 25 (2 of 2)

DuFresne, Kristin I

From: Reyburn, James R
Sent: Thursday, July 18, 2002 11:53 AM
To: DuFresne, Kristin I
Cc: Lychwick, Terry J
Subject: RE: Request for Assistance

Kristen - you are correct again. I checked further and the surface water in question is an unnamed tributary to the east river. The east river does not currently have a gauging station but I expect it would be a moderate to large stream. I will check historic record to get exact annual average? flow. The USGS has a web sit to download flow data. It shows Fox River at GreenBay has average annual flow of 3115 ft3/sec. The peak spring flow can be over 10,000 ft3/sec on Fox. All surface waters in state are assumed to sustain full fish and aquatic life unless a variance stream is listed in NR 104. You would expect a warm water sport fishery on the east and Fox that does have a seasonal solmonid population. I will talk to Terry Lychwick and we will get back to you about more specific fisheries if needed. Let me know if you need more info.

James Reyburn -Department of Natural Resources
Water Quality Biologist - Lower Fox Basin
P.O Box 10448
Green Bay, WI. 54307-0448
(920) 448-5135
email reybuj@dnr.state.wi.us

From: DuFresne, Kristin I
Sent: Tuesday, July 16, 2002 1.02 PM
To: Reyburn, James R; Lychwick, Terry J
Cc: Boronow, George F; Nass, Alan T; DuFresne, Kristin I
Subject: FW: Request for Assistance

I sent the following message to George Boronow yesterday but noticed he is on vacation this week. Can either of you assist us with the following?

From: DuFresne, Kristin I
Sent: Monday, July 15, 2002 2:12 PM
To: Boronow, George F
Cc: Nass, Alan T; DuFresne, Kristin I
Subject: Request for Assistance

Al Nass and I are in the process of writing Superfund Preliminary Assessments for Smitty's Salvage and Scray's Hill in Brown County. As part of the process we need some assistance from your basin. Please let us know if you or one of your staff can assist us in gathering the following information.

1. Does the surface water on the attached topo have a name? Refer to the red "x" (Smitty's Salvage) for the site. The surface water I am interested in is to the southwest. In a previous discussion, Jim Reyburn indicated it was a tributary to Bowers Creek but when I looked at the topo again I couldn't find where they connected. Jim - Can you double check this?

<<Message: TopoZone - The Web's Topograp...>>

2. Using the Water Body and Flow information below indicate the type of surface water body Bowers Creek, the East River, the Fox River and the surface water in item #1 fall into. If available, please provide specific flow rates for each of the above.

Water Body Type	Flow
Minimal Stream	<10 cfs
Small to Moderate Stream	10 to 100 cfs
Moderate to Large Stream	>100 to 1,000 cfs
Large Stream to River	>1,000 to 10,000 cfs

Large River >10,000 cfs

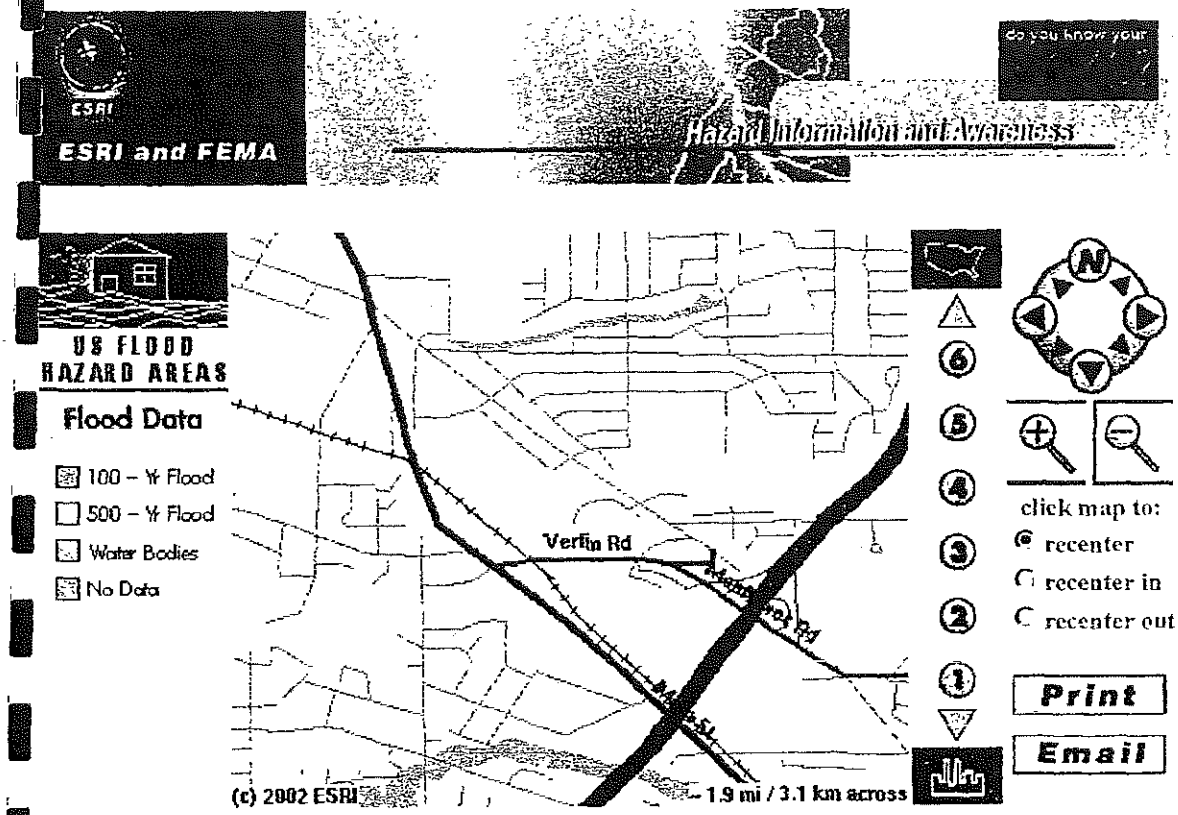
3-mile Mixing Zone of Quiet
Flowing Streams or Rivers 10 cfs or Greater

3. What type of DNR/EPA classification, if any, do Bowers Creek, the East River, the Fox River and the surface water identified in item #1 have (i.e. Class 1 Trout Stream)?

4. What fisheries are contained in Bowers Creek, the East River, the Fox River, Green Bay and the surface water identified in item #1?

If possible, we would like a response by July 22, 2002. Thank you in advance for your assistance!

Kristin DuFresne - Hydrogeologist
Remediation & Redevelopment Program
WDNR - Northeast Region
1125 N Military Avenue
P.O Box 10448
Green Bay, WI 54307-0448
Telephone: (920) 492-5943
Fax: (920) 492-5859
E-mail: kristin dufresne@dnr state.wi.us



Map Notes: The **FEMA Digital Q3 Flood Data** displayed on this Web site is developed by scanning the existing Flood Insurance Rate Map (FIRM) hardcopy and capturing a thematic overlay of flood risks Digital Q3 Flood Data files contain only certain features from the FIRM hardcopy in effect at the time of scanning and do not replace the existing FIRM hardcopy maps. The Q3 Flood Data is being displayed here with basemap data from the GDT Dynamap/2000 data set. The Q3 Flood Data is currently available for approximately **1,200 counties** across the United States.

The maps displayed on this site should be considered an **advisory tool** for general hazard awareness, education, and flood plain management. The flood hazard maps displayed on this site are **not the legal document** to be used when making a single site flood hazard determination. For more information on these maps, please refer to the **Frequently Asked Questions** page.

Current Map View:

Flood Hazard Areas

Change View

Make New Map

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Mon Jul 15 06 48:34 2002

WISCONSIN
WETLANDS
INVENTORY

DNR Bureau of Water Regulation and Zoning

T. 23N R.20E

County **BROWN**

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T. 23 N R. 21E

County **BROWN**

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T.24N R.21E

County **BROWN**

Wisconsin Natural Heritage Inventory information was obtained from confidential records managed by the Wisconsin Department of Natural Resources Bureau of Endangered Resources.

State of Wisconsin

CORRESPONDENCE/MEMORANDUM

DATE: May 31, 2001

TO: Smitty's Salvage File - WDNR BRRTS # 02-05-257483

FROM: Kristin DuFresne - NER RR KD

SUBJECT: May 31, 2001 Site Visit

PARTICIPANTS:
Bernie Smits - Smitty's Salvage
Larry Wiex - WDNR Air Management
Terry Hegeman - WDNR Waste Management
Scott Miller - WDNR Remediation & Redevelopment
Kristin DuFresne - WDNR Remediation & Redevelopment

On May 10, 2001, Smits spoke with Hegeman and DuFresne by telephone to discuss possible meeting dates and the current status of site activities. A tentative meeting date of May 31, 2001 was set. Smits and/or Superior were to call Hegeman to confirm the meeting date and time. See May 5, 2001 telephone log for additional details

On May 31, 2001, at approximately 12 35 p.m Hegeman contacted Smits by telephone The purpose of the call was to respond to Smits May 30, 2001 voice mail message. During this telephone call Hegeman stated WDNR staff would be coming to inspect the Smitty's Salvage site within next 45 - 60 minutes.

The above named participants arrived at the Smitty Salvage site at approximately 1.30 p.m. on May 31, 2001. Smits met WDNR staff at the office and escorted them around the site The purpose of the site inspection was to see what site activities had been completed since the fall of 2000 During the site inspection DuFresne noted the following:

- Several bins of batteries and gas tanks near the old office. Surface spills/staining.
- Surface spills/staining near the bin storage and crushed "gas" meter area.
- The location of the private well. Smits indicated the well was approximately 450 feet deep and that the faucet in the old office is still being served by the well.
- Surface spills in the old chop area.
- Approximately 10 55 gallon drums Several drums were filled with what appeared to be waste oil and antifreeze The drums were covered but not all of them were sealed.
- Gas tanks were located on the ground and in a dumpster outside the new chop area. Surface spills/staining observed inside and outside of the building.
- Surface spill/staining northwest of the Smitty's Salvage sign near the fence line

Smits indicated he would be meeting with Hegeman and Superior on June 6, 2001 to discuss hazardous waste issues. DuFresne asked if Smits knew when he and Superior would be working on a workplan to address the other areas of the site. Smits indicated he would like to set something up with Superior and DuFresne approximately two weeks after he and Hegeman meet.

WDNR staff left the Smitty's Salvage site at approximately 2:25 p.m

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DuFresne, Kristin I

From: Burton, Kyle
Sent: Wednesday, January 30, 2002 10:21 AM
To: DuFresne, Kristin I; Erdmann, Kathryn M
Cc: Stoll, Richard C
Subject: smittys

hi folks

the revised population numbers for smittys are as follows
200ft=494
1mile=12791
4mile=84569

these numbers are derived from a radius around the perimeter of the polygon of smittys salvage, again id like to stress these numbers err on the side of conservancy, meaning that numbers for any census block that intersects the specified buffer are included. no percentages or split numbers were used.
Any questions let me know.
-kyle

State of Wisconsin DEPARTMENT OF NATURAL RESOURCES

Carroll D Besadny
Secretary

BOX 7921
MADISON, WISCONSIN 53707

RECEIVED D.R.N.
FEB 24 1988
LAKE MICHIGAN DIST. HQ.

FEB 22 1988
BUREAU OF WASTE MGT.

February 19, 1988

File Ref 4530

Mr. David Kee, Director
Air and Radiation Division (5AR26)
U.S. EPA - Region 5
230 South Dearborn Street
Chicago, Illinios 60604

Dear Mr. ~~Kee~~: Dave

Enclosed with this letter is a list of the locations in Wisconsin where the burning of insulation off of wire has taken place to our knowledge. This includes incinerators as well as some home made burners and open burning locations. Not all locations are still active.

If we collect further information on these or other facilities we will forward it to your attention. Please keep us informed of your actions regarding these operations.

Sincerely,

Dean G. Packard

Dean G. Packard, Chief
Engineering and Surveillance Section
Bureau of Air Management

DGP:pjk

cc Air Leaders
Don Theiler-AM/3
Steve Klafka-AM/3
~~Gary Edelstein-SW/3~~ GOE bcc: Mark Griesfeldt - SW/3
District SW Coordinators

Encl.

STATE OF WISCONSIN
WIRE INCINERATORS AND BURNERS LIST

FACILITY LOCATION	PHONE NUMBER	DIST	COMMENTS
Recycling Unlimited Inc. 815 Madison Street Little Chute WI54140		LMD	
B & B Metals Processing 14520 Pioneer Road Newton WI		LMD	Appling for permit for incin
Beemster Electric Comp 133 N. Broadway Green Bay WI		LMD	
Christianson Electric Co.1138 State Street Green Bay WI		LMD	operates one incinerator
Eugene Reyment Willow Road Angelica WI		LMD	Open Burns wire in straw
Krakow Electric Angelica Street Krakow WI		LMD	1 incin. 1600 # / 4 hr batch
Kurtz & Root Company 211 E. Franklin Appleton WI		LMD	1 incinerator
Recycling Unlimited 1760 W. Northland Ave Appleton WI54814		LMD	Henry Kuln, Owner
Elroy Lachappelly 6909 Sunset Drive Two Rivers		LMD	complaints of burning wire
Smitty's Salvage & Supply2325 Main Green Bay		LMD	Burned wire in the past
Jerry Tork, Tork Landfill2510 Engle Wisc Rapids WI54494		NCD	

STATE OF WISCONSIN
WIRE INCINERATORS AND BURNERS LIST

FACILITY LOCATION	PHONE NUMBER	DIST	COMMENTS
Chuck Bickford Recycling 960 South Monroe New Lisbon WI53950		NCD	3 Bayco heat cleaning ovens
North Central N Cent Comodity Transfer Service Corp. 228 North Third Ave. WestDuluth MN55806		NWD	Have burned at locations below owned by Roy Anderson & Thomas Agnew
N Cent Comodity Transfer Bardon Place Superior WI54880		NWD	Have burned at this location
N Cent Comodity Transfer 411 Cummings Street Superior WI54880		NWD	Have burned at this location
Richard Ledin Route 1, Box 247 Maple WI54854		NWD	Burned in Bayfield Co, Hughes Township
Sadoff Iron & Metal 240 W. Arndt Fond du Lac WI	414-921-2070	SoD	
Loeb Metal Recycling 1111 S. 10th Street Watertown WI	414-261-4920	SoD	
Midwest Recycling Co. 1753 Beloit Avenue Janesville WI53545	608-756-2555	SoD	
Lorman Metal Recycling 115 Lorman Fort Atkinson WI	414-563-2488	SoD	
Midwest Steel Co. 4400 Sycamore Avenue Madison WI	608-241-1571	SoD	
Gary Roper Route 8, Box 289 Chippewa Falls WI 54729		WCD	Has open burned wire in past

FIGURES

SDMS US EPA Region V

Imagery Insert Form

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SITE FOUR MILE RADIUS MAP

☐ **Other:**

Site Location Map
Smitty's Salvage & Supply
Brown County, Wisconsin

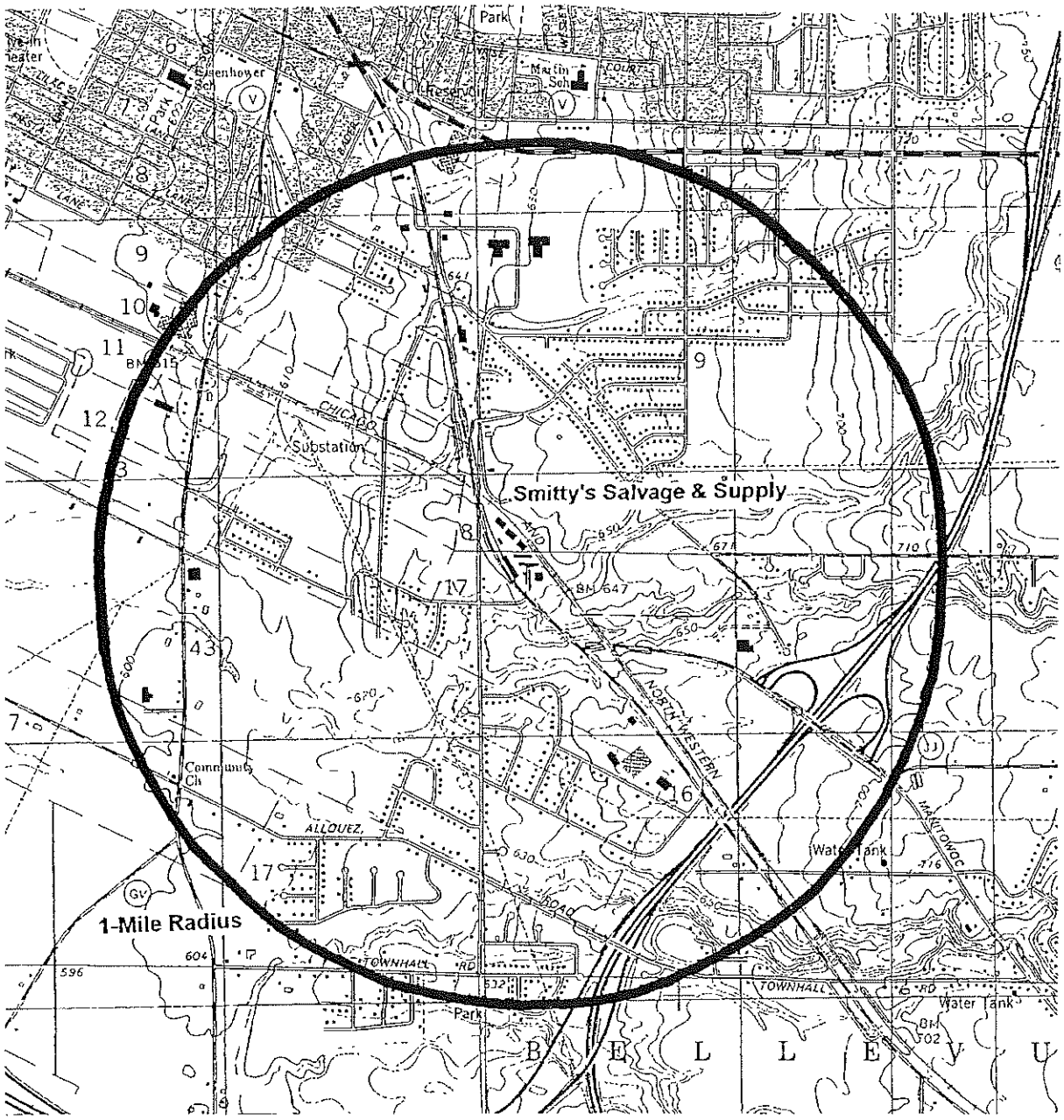


Figure 1

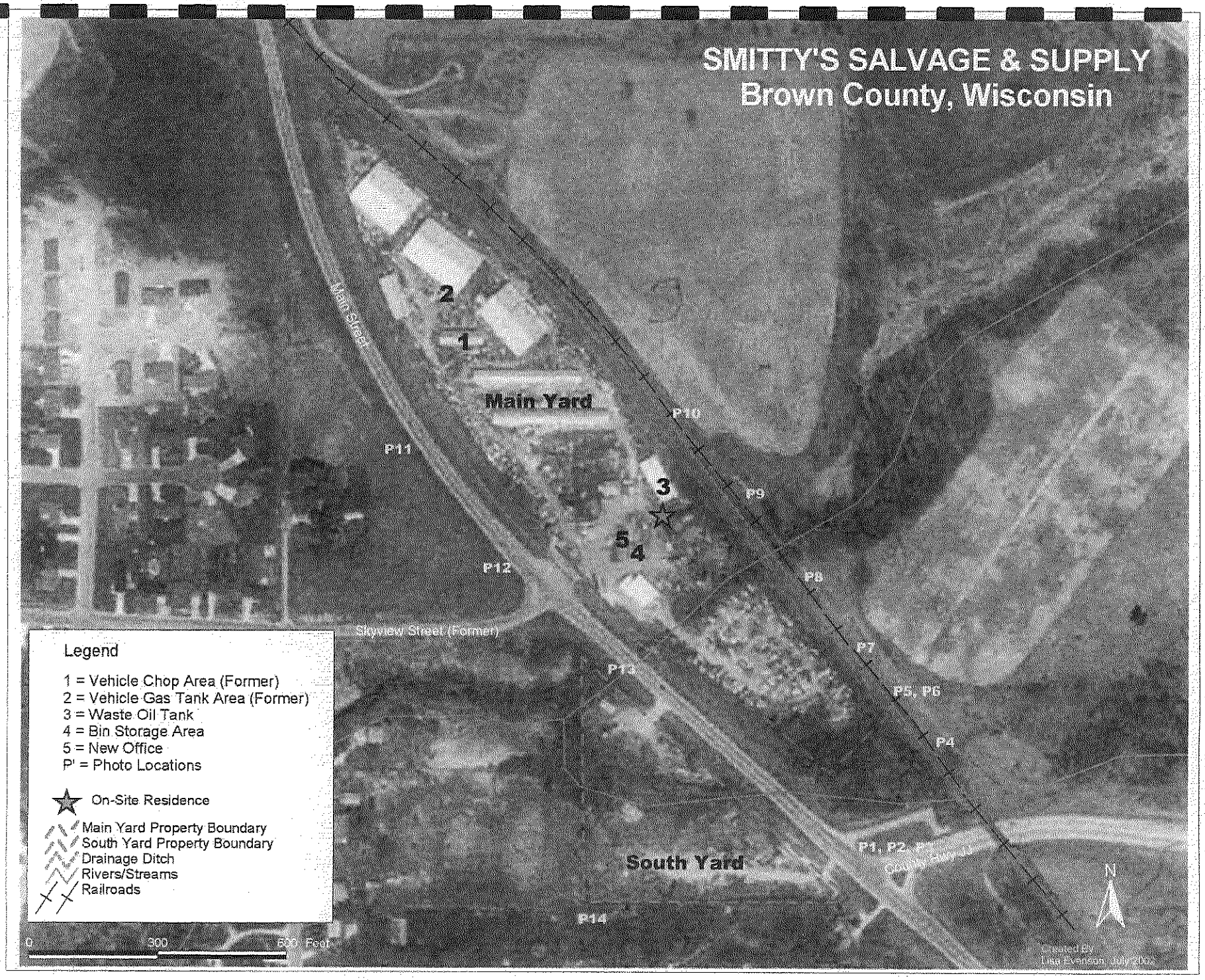

SMITTY'S SALVAGE & SUPPLY
Brown County, Wisconsin
Main Street
Main Yard
South Yard
Skyview Street (Former)
1
2
3
4
5
P1, P2, P3
P4
P5, P6
P7
P8
P9
P10
P11
P12
P13
P14
Legend
1 = Vehicle Chop Area (Former)
2 = Vehicle Gas Tank Area (Former)
3 = Waste Oil Tank
4 = Bin Storage Area
5 = New Office
P' = Photo Locations
On-Site Residence
Main Yard Property Boundary
South Yard Property Boundary
Drainage Ditch
Rivers/Streams
Railroads
0
300
600 Feet
N
Created by
Lisa Everson, July 2004

Figure 2

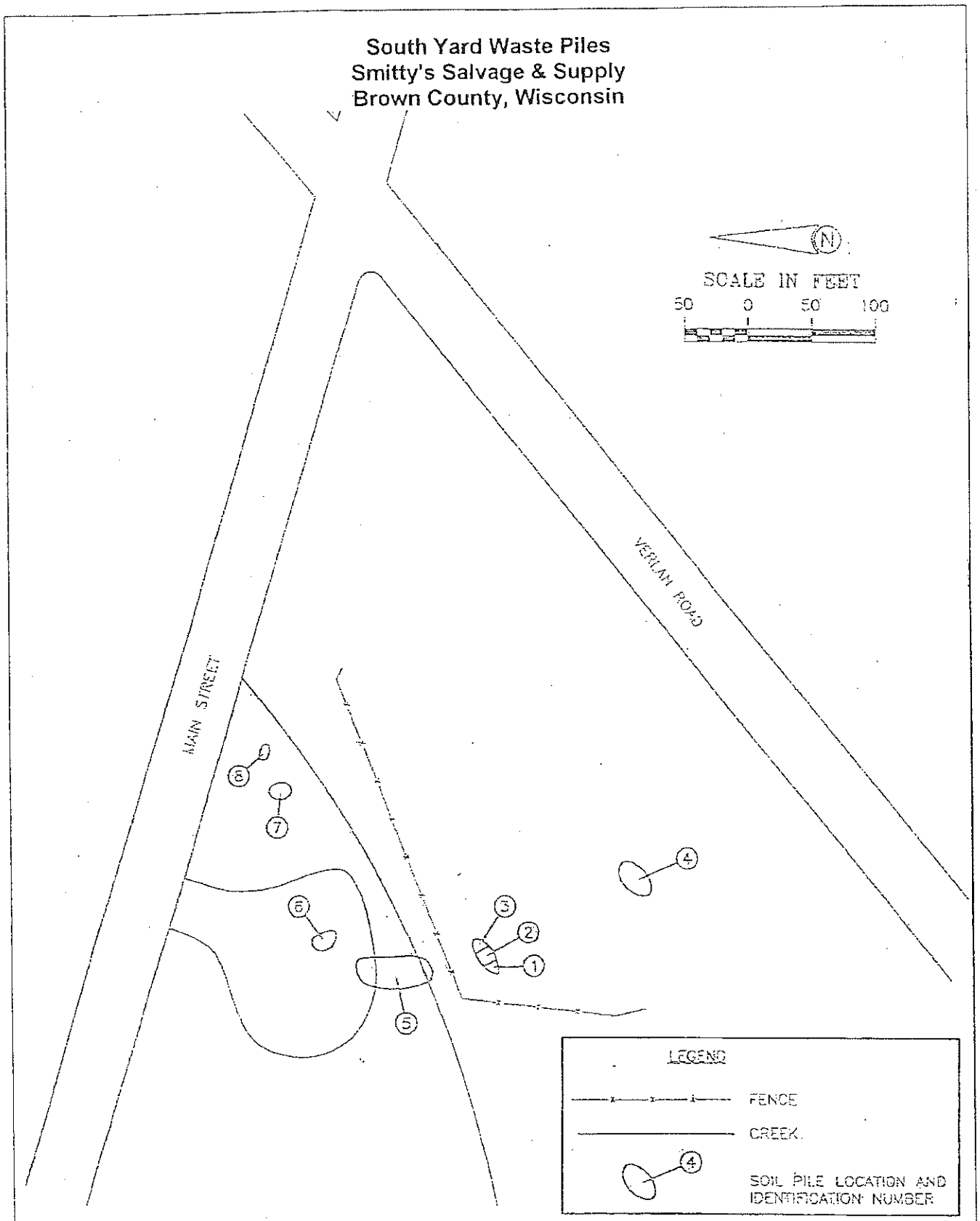


Figure 3

Base map provided by Northern Environmental

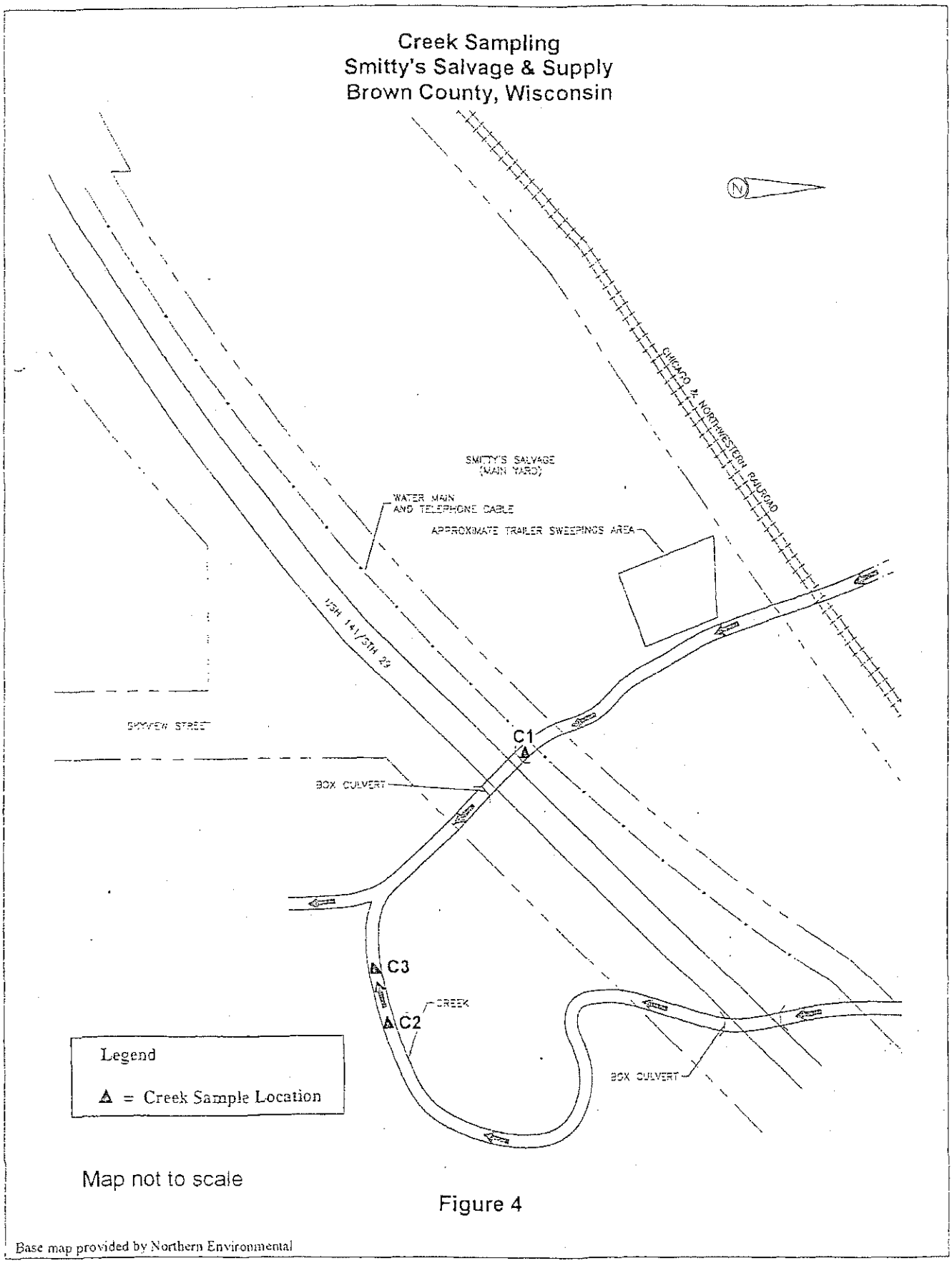
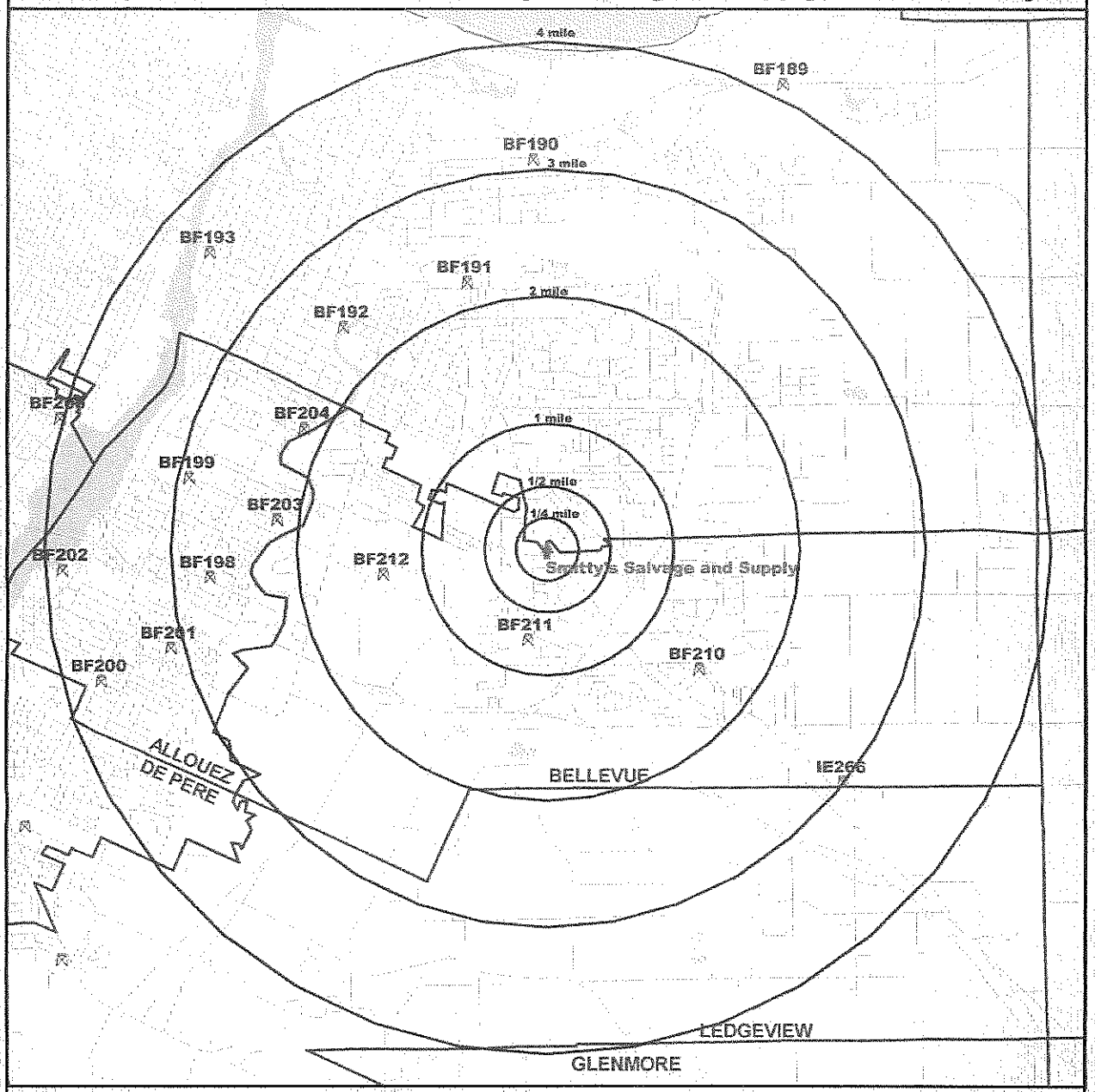


Figure 4

Base map provided by Northern Environmental

Municpal Well Locations for Smitty's Salvage & Supply, Brown County



Legend

- Municipal Wells
- ERP Site
- Openwater
- Municipalities
- Mile Marker
- Streets

N

WUWN	Status	Well Name	Public Water System (PWS)	PWS Id
BF198	Active	WELL #1	ALLOUEZ WATERWORKS	40504552
BF199	Active	WELL #2	ALLOUEZ WATERWORKS	40504552
BF200	Inactive	WELL #3	ALLOUEZ WATERWORKS	40504552
BF201	Active	WELL #4	ALLOUEZ WATERWORKS	40504552
BF202	Active	WELL #5	ALLOUEZ WATERWORKS	40504552
BF203	Active	WELL #6	ALLOUEZ WATERWORKS	40504552
BF204	Active	WELL #7	ALLOUEZ WATERWORKS	40504552
BF205	Inactive	WELL #1	ASHWAUBENON WATERWORKS	40504563
BF210	Active	WELL #1	BELLEVUE TN SANITARY DIST #1	40504596
BF211	Active	WELL #2	BELLEVUE TN SANITARY DIST #1	40504596
BF212	Active	WELL #3	BELLEVUE TN SANITARY DIST #1	40504596
IE266	Active	WELL #4	BELLEVUE TN SANITARY DIST #1	40504596
BF189	Active	WELL #2	GREEN BAY WATERWORKS	40503562
BF190	Inactive	WELL #3	GREEN BAY WATERWORKS	40503562
BF191	Inactive	WELL #4	GREEN BAY WATERWORKS	40503562
BF192	Inactive	WELL #5	GREEN BAY WATERWORKS	40503562
BF193	Active	WELL #6	GREEN BAY WATERWORKS	40503562

2 0 2 Miles

Figure 5

Map Created by WI Dept. of Natural Resources, July 2002

APPENDIX A

MUNICIPAL WELL CONSTRUCTION REPORTS

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF189**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 126 FT

Property Owner	GREEN BAY, CITY OF
Telephone Number	920 – 448 – 3480
Mailing Address	631 S ADAMS ST
City	GREEN BAY
State	WI
Zip Code	54301
County of Well Location	5 BROWN
Co Well Permit No	W
Well Completion Date	January 1, 1956
Well Constructor	LAYNE CHRISTENSEN
License #	582
Facility ID (Public)	405035620
Address	W229 N5005 DUPLAINVI
Public Well Plan Approval#	
City	PEWAUKEE
State	WI
Zip Code	53072
Date Of Approval	12/27/1955
Hicap Permanent Well #	75559
Common Well #	002
Specific Capacity	91 gpm/ft

1. Well Location

T T=Town C=City V=Village of PREBLE

Fire#

Street Address or Road Name and Number: 3120 STURGEON BAY RD #2

Subdivision Name | Lot# | Block #

Gov't Lot or SW 1/4 of NW 1/4 of Section 26 T 27 N R 22 E

Latitude Deg. Min. Sec.
Longitude Deg Min Sec.

Lat/Long Method

2. Well Type 1 1=New 2=Replacement 3=Reconstruction (See item 12 below)

of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

Well Serves # of homes and or (eg barn, restaurant, church, school, industry, etc)

M M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity Well? Property?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?

Well located in floodplain?

Distance in feet from well to nearest: (including proposed)

1. Landfill
2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer: ___ units ___ in. diam
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

Drillhole Dimensions and Construction Method

Dia.(in)	From (ft)	To (ft)
36 0	surface	10
60 0	71	87
54 0	87	100
48 0	100	126

Upper Enlarged Drillhole — Lower Open Bedrock

– 1 Rotary - Mud Circulation
– 2 Rotary - Air
– 3 Rotary - Air and Foam
– 4 Drill-Through Casing Hammer
– 5 Reverse Rotary
– 6 Cable-tool Bit _____ in dia
– 7 Temp Outer Casing _____ in dia _____ depth ft. Removed ?

Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft)
R-TL	TILL	Surface	10
–ML	SILT	10	40
G-SL	SAND	40	60
–GS	GRAVEL	60	95
G-SL	SAND	95	100
--G-	GRAVEL	100	126

Casing Liner Screen Material, Weight, Specification, Manufacturer & Method of Assembly

Dia. (in.)		From (ft.)	To (ft.)
48 0		surface	40
20 0		40	66

Dia (in)	Screen type, material & slot size	From	To
20 0		66	126

9. Static Water Level

35 0 feet A ground surface A=Above B=Below

10. Pump Test

Pumping level 49 0 ft below surface

Pumping at 760 0 GPM 48 0 hrs

11. Well Is: Grade

0 in. A=Above B=Below

Developed?

Disinfected?

Capped?

7. Grout or Other Sealing Material

Method	Kind of Sealing Material	From (ft)	To (ft.)	# Sacks Cement
	CEMENT	surface	40 0	S

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

If no, explain

13. Initials of Well Constructor or Supervisory Driller

Date Signed

Sort List View

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF190**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 950 FT

Property Owner: GREEN BAY, CITY OF — Telephone Number: 920 – 448 – 3480

Mailing Address: 631 S ADAMS ST

City: GREEN BAY — State: WI — Zip Code: 54301

County of Well Location: 5 BROWN — Co Well Permit No: W — Well Completion Date: November 1, 1964

Well Constructor: LAYNE CHRISTENSEN — License #: 582 — Facility ID (Public): 405035620

Address: W229 N5005 DUPLAINVI — Public Well Plan Approval#: 640192

City: PEWAUKEE — State: WI — Zip Code: 53072 — Date Of Approval: 04/29/1964

Hicap Permanent Well #: 75560 — Common Well #: 003 — Specific Capacity: 35 gpm/ft

1. Well Location

T — T=Town C=City V=Village — Fire#

of PREBLE

Street Address or Road Name and Number: 2240 EASTMAN AVE #3

Subdivision Name — Lot# — Block #

Gov't Lot — or NW 1/4 of NE 1/4 of

Section 33 T24 N R21 E

Latitude Deg. Min Sec

Longitude Deg Min. Sec

2. Well Type 1 — 1=New 2=Replacement 3=Reconstruction (See item 12 below)

of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

Lat/Long Method

Well Serves # of homes and or (eg barn, restaurant, church, school, industry, etc.)

M — M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity Well? Property?

1 — 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?

Well located in floodplain?

Distance in feet from well to nearest. (including proposed)

1 Landfill
2. Building Overhang
3 1=Septic 2= Holding Tank
4 Sewage Absorption Unit
5. Nonconforming Pit
6 Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8 1=Shoreline 2= Swimming Pool
9 Downspout/ Yard Hydrant
10 Privy
11 Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14 Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15 Collector Sewer ___ units ___ in diam.
16 Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21 Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23 Other manure Storage
24 Ditch
25. Other NR 812 Waste Source

Drillhole Dimensions and Construction Method

Dia.(in.)	From (ft)	To (ft)
24 0	surface	149
23 0	149	312
17 0	312	943

Upper Enlarged Drillhole — Lower Open Bedrock

– 1. Rotary - Mud Circulation
– 2 Rotary - Air
– 3 Rotary - Air and Foam
– 4. Drill-Through Casing Hammer
– 5 Reverse Rotary
– 6 Cable-tool Bit _____ in dia
– 7 Temp Outer Casing _____ in. dia. _____ depth ft. Removed ?

Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
-C-	CLAY	Surface	110
-M-	SILT	110	140
-L-	DOLOMITE GAL PLAT	140	450
Y-N-	SANDSTONE STP	450	460
-N-	SANDSTONE PDC	460	480
-L-	DOLOMITE PDC	480	550
-LN	DOLOMITE @ SS PDC	550	580
-NL	SANDSTONE TREMP	580	610
E-H-	SHALE FRANCO	610	625
-N-	SANDSTONE FRANCO	625	655
R-L-	DOLOMITE FRANCO	655	660
-N-	SANDSTONE DRESB	660	950

Casing Liner Screen

Dia (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
24 0	STEEL PIPE	surface	15
18 0	STEEL PIPE	15	312

Dia (in.)	Screen type, material & slot size	From	To

9. Static Water Level

119 0 feet B ground surface A=Above B=Below

10. Pump Test

Pumping level 391 0 ft below surface

Pumping at 953 0 GP M 12 0 Hrs 0

11. Well Is: Grade

0 in A=Above B=Below

Developed?

Disinfected?

Capped?

7. Grout or Other Sealing Material

Method	Kind of Sealing Material	From (ft)	To (ft)	# Sacks Cement
		surface		

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

If no, explain

13 Initials of Well Constructor or Supervisory Driller — Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additional Comments? — Variance Issued?

Owner Sent Label? Y — More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF191**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 973 FT

Property Owner: GREEN BAY, CITY OF — Telephone Number: 920 - 448 - 3480

Mailing Address: 631 S ADAMS ST

City: GREEN BAY — State: WI — Zip Code: 54301

County of Well Location: 5 BROWN — Co Well Permit No: W — Well Completion Date: January 1, 1938

Well Constructor: EGERER, JOSEPH — License #: 21 — Facility ID (Public): 405035620

Address — Public Well Plan Approval#

City — State — Zip Code — Date Of Approval: 10/11/1937

Hicap Permanent Well #: 75561 — Common Well #: 004 — Specific Capacity: 33 gpm/ft

1. Well Location

T — T=Town C=City V=Village — Fire#

of PREBLE

Street Address or Road Name and Number: HENRY @ DECKNER AVE #4

Subdivision Name — Lot# — Block #

Gov't Lot — or SW 1/4 of NE 1/4 of

Section 27 T24 N R21 E

Latitude Deg Min Sec.

Longitude Deg Min. Sec

2. Well Type 1 — 1=New (See item 12 below) — 2=Replacement — 3=Reconstruction of previous unique well # _____ constructed in 0

Lat/Long Method

Reason for replaced or reconstructed Well?

3. Well Serves # of homes and or (eg: barn, restaurant, church, school, industry, etc)

M — M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity Well? Property?

1 — 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?

Well located in floodplain?

Distance in feet from well to nearest (including proposed)

1. Landfill
2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer ___ units ___ in. diam.
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

Drillhole Dimensions and Construction Method

Dia (in.)	From (ft)	To (ft)
20 0	surface	159
18 0	159	341
12.0	341	973

Upper Enlarged Drillhole — Lower Open Bedrock

- 1 Rotary - Mud Circulation
- 2 Rotary - Air
- 3 Rotary - Air and Foam
- 4. Drill-Through Casing Hammer
- 5. Reverse Rotary
- 6 Cable-tool Bit _____ in dia
- 7 Temp. Outer Casing _____ in. dia. _____ depth ft Removed ?

Other

Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia (in.)		From (ft.)	To (ft)
20 0	DRIVE PIPE	surface	159
12 0	GWI	159	341

Dia (in)	Screen type, material & slot size	From	To

8. Geology Type, Caving/Noncaving, Color, Hardness, etc

Geology Codes	Geology	From (ft)	To (ft)
-CT	CLAY @ TILL	Surface	135
-TG	TILL @ GRAVEL	135	151
-L-	DOLOMITE GAL PLAT	151	346
G-L-	DOLOMITE LMAGN	346	400
G-HL	SHALE LMAGN	400	403
G-L-	DOLOMITE LMAGN	403	448
-N-	SANDSTONE LMAGN	448	463
-L-	DOLOMITE LMAGN	463	578
-N-	SANDSTONE L MAGN	578	583
P-NL	SANDSTONE TREMP	583	593
R-LS	DOLOMITE TREMP	593	613
-N-	SANDSTONE FRANCO	613	720
-N-	SANDSTON DRESB	720	960
-DQ-	DECOMPOSED ROCK CLAY PC	960	973

9. Static Water Level 90 0 feet B ground surface A=Above B=Below

10. Pump Test Pumping level 217 0 ft. below surface — Pumping at 421 0 GP M Hrs

11. Well Is: 0 in Grade A=Above B=Below

Developed?

Disinfected?

Capped?

7. Grout or Other Sealing Material

Method	Kind of Sealing Material	From (ft)	To (ft)	# Sacks Cement
		surface		

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

If no, explain

13 Initials of Well Constructor or Supervisory Driller — Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additional Comments? — Variance Issued?

Owner Sent Label? Y — More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF192**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77/
(Rev 12/00)

Depth 918 FT

Property Owner: GREEN BAY, CITY OF — Telephone Number: 920 – 448 – 3488

Mailing Address: 631 S ADAMS ST

City: GREEN BAY — State: WI — Zip Code: 54301

County of Well Location: 5 BROWN — Co Well Permit No W — Well Completion Date: January 7, 1937

Well Constructor: LAYNE CHRISTENSEN — License #: 582 — Facility ID (Public): 405035620

Address: W229 N5005 DUPLAINVI — Public Well Plan Approval#

City: PEWAUKEE — State: WI — Zip Code: 53072 — Date Of Approval: 09/04/1936

Hicap Permanent Well #: 75562 — Common Well #: 005 — Specific Capacity: 43 gpm/ft

1. Well Location

C T=Town C=City V=Village of GREEN BAY — Fire#

Street Address or Road Name and Number: 1451 ST #5

Subdivision Name — Lot# — Block #

Gov't Lot — or NW 1/4 of SE 1/4 of

Section 4 T23 N R21 E

Latitude Deg. Min Sec

Longitude Deg Min. Sec

2. Well Type 1 1=New 2=Replacement 3=Reconstruction (See item 12 below)

Lat/Long Method

of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

3. Well Serves # of homes and or (eg barn, restaurant, church, school, industry, etc.)

M M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? Property?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?

Well located in floodplain?

Distance in feet from well to nearest (including proposed)

1 Landfill
2 Building Overhang
3. 1=Septic 2= Holding Tank
4 Sewage Absorption Unit
5 Nonconforming Pit
6 Buried Home Heating Oil Tank
7 Buried Petroleum Tank
8 1=Shoreline 2= Swimming Pool
9 Downspout/ Yard Hydrant
10 Privy
11 Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14 Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15 Collector Sewer ___ units ___ in diam
16 Clearwater Sump
17 Wastewater Sump
18 Paved Animal Barn Pen
19 Animal Yard or Shelter
20 Silo
21 Barn Gutter
22 Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23 Other manure Storage
24 Ditch
25 Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia (in.)	From (ft)	To (ft)
26.0	surface	130
24 0	130	311
17 0	311	401
15 0	401	918

Upper Enlarged Drillhole — Lower Open Bedrock

– 1 Rotary - Mud Circulation
– 2 Rotary - Air
– 3 Rotary - Air and Foam
– 4 Drill-Through Casing Hammer
– 5. Reverse Rotary
– 6. Cable-tool Bit _____ in dia
– 7 Temp Outer Casing _____ in. dia _____ depth ft Removed ?
Other

6. Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia (in.)		From (ft.)	To (ft.)
26.0		surface	130
18 0		130	311

Dia (in.)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material

Method	Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
		surface		

8. Geology Type, Caving/Noncaving, Color, Hardness, etc

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
-X-	CLAY @ SAND	Surface	15
-CT	TILL @ CLAY	15	130
-L-	DOLOMITE GAL PLAT	130	298
-N-	SANDSTONE GAL PLAT	298	302
G-L-	DOLOMITE LMAGN	302	415
G-NL	SANDSTONE LMAGN	415	420
G-L-	DOLOMITE LMAGN	420	540
-NL	SANDSTONE TREMP	540	555
P-LS	DOLOMITE TREMP	555	575
-NL	SANDSTONE FRANCO	575	690
-N-	SANDSTONE DRESB	690	912
-DQ-	GRANITE PC	912	918

9. Static Water Level 170 0 feet B ground surface A=Above B=Below

10. Pump Test Pumping level 375 0 ft below surface Pumping at 875 GP M Hrs

11. Well Is: 0 in Grade A=Above B=Below

Developed?

Disinfected?

Capped?

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

If no, explain

13 Initials of Well Constructor or Supervisory Driller — Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additional Comments? — Variance Issued?

Owner Sent Label? Y — More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF193**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Property Owner: GREEN BAY, CITY OF — Telephone Number: 920 – 448 – 3480

Depth 905 FT

Mailing Address: 631 S ADAMS ST

City: GREEN BAY — State: WI — Zip Code: 54301

County of Well Location: 5 BROWN — Co Well Permit No: W — Well Completion Date: January 1, 1932

Well Constructor — License # — Facility ID (Public): 405035620

Address — Public Well Plan Approval#

City — State — Zip Code — Date Of Approval: 01/01/1906

Hicap Permanent Well #: 75563 — Common Well #: 006 — Specific Capacity: 6.4 gpm/ft

1. Well Location C — T=Town C=City V=Village of GREEN BAY — Fire#

Street Address or Road Name and Number: 310 E MASON ST #6

Subdivision Name — Lot# — Block #

Gov't Lot — or SW 1/4 of NW 1/4 of Section 4 T23 N R21 E

Latitude Deg Min Sec.
Longitude Deg Min Sec.

Lat/Long Method

2. Well Type 3 — 1=New 2=Replacement 3=Reconstruction (See item 12 below)

of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

1 — 1=Drilled 2=Driven Point 3=Jetted 4=Other

3. Well Serves # of homes and or (eg: barn, restaurant, church, school, industry, etc.)

M — M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity Well? Property?

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?

Well located in floodplain?

Distance in feet from well to nearest (including proposed)

1. Landfill
2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer ___ units ___ in diam
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia (in)	From (ft)	To (ft)
20 0	surface	100
16.0	100	198
15 5	198	905

Upper Enlarged Drillhole — Lower Open Bedrock

- 1 Rotary - Mud Circulation
- 2. Rotary - Air
- 3 Rotary - Air and Foam
- 4. Drill-Through Casing Hammer
- 5 Reverse Rotary
- 6 Cable-tool Bit ____ in. dia
- 7. Temp Outer Casing ____ in dia ____ depth ft Removed ?

Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft)
-S-	SAND	Surface	30
-C-	CLAY	30	100
-L-	LIMESTONE	100	265
-H-	SHALE	265	310
-L-	LIMESTONE	310	370
-N-	SANDSTONE	370	395
-L-	LIMESTONE	395	465
-N-	SANDSTONE	465	905

6. Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia. (in)		From (ft.)	To (ft.)
20 0	(1932)	surface	100
16 0		100	198

Dia.(in)	Screen type, material & slot size	From	To

9. Static Water Level 140 0 feet B ground surface A=Above B=Below

11. Well Is: Grade 0 in. A=Above B=Below

Developed?

Disinfected?

Capped?

10. Pump Test

Pumping level 300 0 ft. below surface

Pumping at 1020 GPM 0 00 Hrs

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft)	To (ft)	# Sacks Cement
GROUT	surface	100 0	

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

If no, explain

13 Initials of Well Constructor or Supervisory Driller — Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additional Comments? — Variance Issued?

Owner Sent Label? Y — More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF198**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Property Owner: ALLOUEZ, VILLAGE OF — Telephone Number: 920 - 448 - 2800

Mailing Address: 1649 S WEBSTER

City: ALLOUEZ — State: WI — Zip Code: 54301

County of Well Location: 5 BROWN — Co Well Permit No: W — Well Completion Date: January 1, 1938

Well Constructor: UNKNOWN — License # — Facility ID (Public): 405045520

Address — Public Well Plan Approval#

City — State — Zip Code — Date Of Approval: 05/25/1925

Hicap Permanent Well #: 75568 — Common Well #: 001 — Specific Capacity: 8 5 gpm/ft

Depth 750 FT

1. Well Location

V — T=Town C=City V=Village — Fire#

of ALLOUEZ

Street Address or Road Name and Number: 535 GREEN AVE WELL #1

Subdivision Name — Lot# — Block #

Gov't Lot — or NW 1/4 of SE 1/4 of

Section 19 T23 N R21 E

Latitude Deg Min Sec.

Longitude Deg Min Sec.

2. Well Type 3 — 1=New, 2=Replacement, 3=Reconstruction (See item 12 below)

Lat/Long Method

of previous unique well # _____ constructed in 1925

Reason for replaced or reconstructed Well?

3. Well Serves # of homes and or (eg: barn, restaurant, church, school, industry, etc)

M — M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? Property?

1 — 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?

Well located in floodplain?

Distance in feet from well to nearest (including proposed)

1 Landfill
2 Building Overhang
3 1=Septic 2= Holding Tank
4 Sewage Absorption Unit
5 Nonconforming Pit
6 Buried Home Heating Oil Tank
7 Buried Petroleum Tank
8 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10 Privy
11. Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14 Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer ___ units ___ in. diam
16 Clearwater Sump
17 Wastewater Sump
18. Paved Animal Barn Pen
19 Animal Yard or Shelter
20 Silo
21 Barn Gutter
22 Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23 Other manure Storage
24 Ditch
25 Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in)	From (ft)	To (ft)
16 0	surface	153
12 0	153	750

Upper Enlarged Drillhole — Lower Open Bedrock

- 1. Rotary - Mud Circulation
- 2 Rotary - Air
- 3 Rotary - Air and Foam
- 4 Drill-Through Casing Hammer
- 5 Reverse Rotary
- 6 Cable-tool Bit ____ in. dia
- 7 Temp Outer Casing ____ in dia ____ depth ft Removed ?

Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft)
-C-	CLAY	Surface	122
-L-	LIMESTONE GALENA	122	213
-N-	SANDSTONE ST PETER	213	262
-L-	LIMESTONE PRAIRIE DU CHIEN	262	322
-N-	SANDSTONE CAMBRIAN	322	750

6. Casing Liner Screen

Dia (in)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft)
16 0	LINER(1938)	surface	125
10 0		0	340

Dia (in)	Screen type, material & slot size	From	To

9. Static Water Level 218 0 feet B ground surface A=Above B=Below

11. Well Is: 0 in Grade A=Above B=Below

10. Pump Test Pumping level 277 0 ft below surface; Pumping at 500 GP M 0 00 Hrs

Developed?
Disinfected?
Capped?

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft.)	To (ft)	# Sacks Cement
GROUT	surface		

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

If no, explain

13 Initials of Well Constructor or Supervisory Driller — Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additional Comments? — Variance Issued?

Owner Sent Label? Y — More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF199**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 933 FT

Property Owner: ALLOUEZ, VILLAGE OF — Telephone Number: 920 - 448 - 2800

Mailing Address: 1649 S WEBSTER

City: ALLOUEZ — State: WI — Zip Code: 54301

County of Well Location: 5 BROWN — Co Well Permit No: W — Well Completion Date: January 1, 1936

Well Constructor: FASBENDER BROS. — License #

Facility ID (Public): 405045520

Address — Public Well Plan Approval#

City — State — Zip Code

Date Of Approval: 08/28/1936

Hicap Permanent Well #: 75562 — Common Well #: 002

Specific Capacity: 535 gpm/ft

1. Well Location — V T=Town C=City V=Village of ALLOUEZ — Fire#

Street Address or Road Name and Number: 2143 S WEBSTER WELL #2

Subdivision Name — Lot# — Block #

Gov't Lot — or NE 1/4 of NW 1/4 of Section 17 T23 N R21 E

Latitude Deg Min Sec.
Longitude Deg Min. Sec.

Lat/Long Method

2. Well Type 1 — 1=New 2=Replacement 3=Reconstruction (See item 12 below)

of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

3. Well Serves # of homes and or (eg barn, restaurant, church, school, industry, etc)

M — M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? Property?

1 — 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?

Well located in floodplain?

Distance in feet from well to nearest (including proposed)

1 Landfill
2 Building Overhang
3 1=Septic 2= Holding Tank
4 Sewage Absorption Unit
5 Nonconforming Pit
6 Buried Home Heating Oil Tank
7 Buried Petroleum Tank
8 1=Shoreline 2= Swimming Pool
9 Downspout/ Yard Hydrant
10 Privy
11 Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14 Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15 Collector Sewer ___ units ___ in diam
16 Clearwater Sump
17 Wastewater Sump
18 Paved Animal Barn Pen
19 Animal Yard or Shelter
20 Silo
21. Barn Gutter
22 Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24 Ditch
25 Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia.(in)	From (ft)	To (ft)
16 0	surface	455
12 0	455	933

Upper Enlarged Drillhole — Lower Open Bedrock

- 1 Rotary - Mud Circulation
- 2 Rotary - Air
- 3 Rotary - Air and Foam
- 4 Drill-Through Casing Hammer
- 5 Reverse Rotary
- 6 Cable-tool Bit _____ in dia
- 7 Temp Outer Casing _____ in dia _____ depth ft Removed ?

Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft)
-XT	DRIFT CLAY SAND HILL	Surface	165
G-L-	DOLOMITE GAL PLAT	165	325
G-LH	DOLOMITE LMAGN	325	560
-N-	SANDSTONE STP	560	933

6. Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia (in)		From (ft.)	To (ft.)
16 0		surface	175
12 0		165	455

Dia (in)	Screen type, material & slot size	From	To

9. Static Water Level 139 0 feet B ground surface A=Above B=Below

11. Well Is: 0 in. Grade A=Above B=Below

Developed?
Disinfected?
Capped?

10. Pump Test
Pumping level 149 0 ft. below surface
Pumping at 503 GP M Hrs

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft)	To (ft)	# Sacks Cement
	surface		

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

If no, explain

13 Initials of Well Constructor or Supervisory Driller — Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additonal Comments? — Variance Issued?
Owner Sent Label? Y — More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF200**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 923 FT

Property Owner: ALLOUEZ, VILLAGE OF — Telephone Number: 920 - 448 - 2800

Mailing Address: 1649 S WEBSTER

City: ALLOUEZ — State: WI — Zip Code: 54301

County of Well Location: 5 BROWN — Co Well Permit No: W — Well Completion Date: July 1, 1966

Well Constructor: MILAEGER WELL @ — License #: 82 — Facility ID (Public): 405045520

Address: 20950 ENTERPRISE AVE — Public Well Plan Approval#:

City: BROOKFIELD — State: WI — Zip Code: 53045 — Date Of Approval: 10/06/1954

Licap Permanent Well #: 75570 — Common Well #: 002 — Specific Capacity: 16 gpm/ft

Well Serves: M — # of homes and or (eg: barn, restaurant, church, school, industry, etc.)
M=Munic O=OTM N=NonCom P=Private Z=Other
X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? Property?

1. Well Location — V T=Town C=City V=Village of ALLOUEZ — Fire#

Street Address or Road Name and Number: 141 VAN DE HEI RD WELL #3

Subdivision Name — Lot# — Block #

Gov't Lot — or NE 1/4 of NW 1/4 of Section 26 T23 N R21 E

Latitude Deg Min. Sec
Longitude Deg Min Sec.

Lat/Long Method

2. Well Type 3 — 1=New 2=Replacement 3=Reconstruction (See item 12 below)
of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

1 — 1=Drilled 2=Driven Point 3=Jetted 4=Other

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?
Well located in floodplain?
Distance in feet from well to nearest (including proposed)

1 Landfill
2 Building Overhang
3 1=Septic 2= Holding Tank
4 Sewage Absorption Unit
5. Nonconforming Pit
6 Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8 1=Shoreline 2= Swimming Pool
9 Downspout/ Yard Hydrant
10 Privy
11 Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14 Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer. ___ units ___ in diam
16 Clearwater Sump
17 Wastewater Sump
18. Paved Animal Barn Pen
19 Animal Yard or Shelter
20 Silo
21. Barn Gutter
22 Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23 Other manure Storage
24 Ditch
25 Other NR 812 Waste Source

Drillhole Dimensions and Construction Method

Dia (in)	From (ft)	To (ft)
22 0	surface	131
21 0	131	181
15 0	181	923

Upper Enlarged Drillhole — Lower Open Bedrock
-- 1 Rotary - Mud Circulation
-- 2. Rotary - Air
-- 3 Rotary - Air and Foam
-- 4. Drill-Through Casing Hammer
-- 5 Reverse Rotary
-- 6 Cable-tool Bit _____ in. dia
-- 7 Temp. Outer Casing _____ in. dia _____ depth ft. Removed ?
Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft)	To (ft)
-CT	CLAY @ TILL	Surface	130
G-LN	DOLOMITE GALENA	130	290
G-N-	SANDSTONE-ST PETER	290	360
G-L-	DOLOMITE PRAIRIE DU CHIEN	360	505
-NM	SANDSTONE @ SILTSTONE CAMBRIAN	505	923

Casing Liner Screen

Dia (in)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft)	To (ft.)
22 0		surface	131
16 0		0	141

Dia (in)	Screen type, material & slot size	From	To

9. Static Water Level 73 0 feet B ground surface A=Above B=Below

10. Pump Test Pumping level 130 0 ft below surface
Pumping at 912 0GP M 6 00Hrs

11. Well Is: Grade 0 in. A=Above B=Below
Developed?
Disinfected?
Capped?

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft)	To (ft.)	# Sacks Cement
CEMENT	surface	41 0	

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? Flag
If no, explain

13 Initials of Well Constructor or Supervisory Driller — Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additional Comments? — Variance Issued?
Owner Sent Label? Y — More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF201**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 870 FT

Property Owner: ALLOUEZ, VILLAGE OF
Telephone Number: 920 – 448 – 2800
Mailing Address: 1649 S WEBSTER
City: ALLOUEZ | State: WI | Zip Code: 54301
County of Well Location: 5 BROWN | Co Well Permit No: W | Well Completion Date: August 1, 1964
Well Constructor: MILAEGER WELL @ | License #: 82 | Facility ID (Public): 405045520
Address: 20950 ENTERPRISE AVE | Public Well Plan Approval#:
City: BROOKFIELD | State: WI | Zip Code: 53045 | Date Of Approval:
Hicap Permanent Well #: 75571 | Common Well #: 004 | Specific Capacity: 73 gpm/ft

1. Well Location
V T=Town C=City V=Village of ALLOUEZ | Fire#
Street Address or Road Name and Number: 3217 LIBAL ST WELL #4
Subdivision Name | Lot# | Block #
Gov't Lot or NE 1/4 of NW 1/4 of
Section 22 T23 N R21 E
Latitude Deg Min. Sec.
Longitude Deg Min Sec

2. Well Type 1 1=New 2=Replacement (See item 12 below) 3=Reconstruction
of previous unique well # _____ constructed in 0
Reason for replaced or reconstructed Well?
Lat/Long Method

3. Well Serves # of homes and or (eg barn, restaurant, church, school, industry, etc)
M M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole
High Capacity Well? Property?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?
Well located in floodplain?
Distance in feet from well to nearest: (including proposed)

1 Landfill
2 Building Overhang
3 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5 Nonconforming Pit
6 Buried Home Heating Oil Tank
7 Buried Petroleum Tank
8 1=Shoreline 2= Swimming Pool
9 Downspout/ Yard Hydrant
10 Privy
11 Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14 Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15 Collector Sewer. ___ units ___ in diam
16 Clearwater Sump
17 Wastewater Sump
18 Paved Animal Barn Pen
19. Animal Yard or Shelter
20 Silo
21 Barn Gutter
22 Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23 Other manure Storage
24 Ditch
25 Other NR 812 Waste Source

Drillhole Dimensions and Construction Method

Dia (in)	From (ft)	To (ft)
23 0	surface	235
19 0	235	375
17 0	375	870

Upper Enlarged Drillhole — Lower Open Bedrock
– 1. Rotary - Mud Circulation
– 2. Rotary - Air
– 3 Rotary - Air and Foam
– 4 Drill-Through Casing Hammer
– 5 Reverse Rotary
– 6. Cable-tool Bit ____ in dia
– 7 Temp Outer Casing ____ in dia ____ depth ft Removed ?
Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft)
-CG	CLAY W GRAVEL	Surface	75
Y-L-	DOLOMITE GAL PLAT	75	225
-NH	SANDSTONE STP	225	350
-LB	DOLOMITE @ SANDSTONE PDC	350	480
-BNL	SANDSTONE DARK RED TREMP	480	505
-N-	SANDSTONE RED GRAY FRANCO	505	610
-LN-	SANDSTONE YEL BRN PINK DRES	610	870

Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia (in)		From (ft.)	To (ft)
24.0		surface	79
20 0		79	235

Dia (in)	Screen type, material & slot size	From	To

9. Static Water Level 150 0 feet B ground surface A=Above B=Below

10. Pump Test Pumping level 288 0 ft below surface
Pumping at 1000 GP M 16 0 Hrs
0 0

11. Well Is: Grade 0 in A=Above B=Below
Developed?
Disinfected?
Capped?

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft)	To (ft.)	# Sacks Cement
CEMENT	surface	235 0	

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13 Initials of Well Constructor or Supervisory Driller — Date Signed
Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additonal Comments? Variance Issued?
Owner Sent Label? Y More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF202**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 820 FT

Property Owner: ALLOUEZ, VILLAGE OF — Telephone Number: 920 - 448 - 2800

Mailing Address: 1649 S WEBSTER

City: ALLOUEZ — State: WI — Zip Code: 54301

County of Well Location: 5 BROWN — Co Well Permit No: W — Well Completion Date: July 30, 1968

Well Constructor: EGERER-GALLOWAY — License #: 21 — Facility ID (Public): 405045520

Address — Public Well Plan Approval#: 680012

City — State — Zip Code — Date Of Approval: 01/05/1968

Wcap Permanent Well #: 75572 — Common Well #: 005 — Specific Capacity: 29 gpm/ft

Well Serves # of homes and or (eg barn, restaurant, church, school, industry, etc)
M — M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? Property?

1. Well Location
V — T=Town C=City V=Village of ALLOUEZ — Fire#

Street Address or Road Name and Number: 2980 RIVERSIDE DR WELL #5

Subdivision Name — Lot# — Block #

Gov't Lot — or NW 1/4 of NW 1/4 of Section 21 T23 N R21 E

Latitude Deg Min Sec
Longitude Deg Min. Sec.

Lat/Long Method

2. Well Type 1 — 1=New 2=Replacement 3=Reconstruction (See item 12 below)
of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

1 — 1=Drilled 2=Driven Point 3=Jetted 4=Other

Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?
Well located in floodplain?
Distance in feet from well to nearest (including proposed)

1. Landfill
2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5. Nonconforming Pit
6. Buried Home Heating Oil Tank
7. Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11. Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15. Collector Sewer ___ units ___ in diam
16. Clearwater Sump
17. Wastewater Sump
18. Paved Animal Barn Pen
19. Animal Yard or Shelter
20. Silo
21. Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24. Ditch
25. Other NR 812 Waste Source

Drillhole Dimensions and Construction Method

Dia (in.)	From (ft)	To (ft)
3 5	surface	217
20 0	217	452
17 0	452	820

Upper Enlarged Drillhole — Lower Open Bedrock
- 1 Rotary - Mud Circulation
- 2 Rotary - Air
- 3. Rotary - Air and Foam
- 4 Drill-Through Casing Hammer
- 5 Reverse Rotary
- 6 Cable-tool Bit ____ in dia
- 7 Temp Outer Casing ____ in dia ____ depth ft. Removed ?

Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft.)
R-CM	SILT @ CLAY RED BROWN	Surface	100
G-L-	DOLOMITE GAL PLAT	100	200
-NH	SANDSTONE @ SHALE STP	200	425
-LH	DOLOMITE ST LAWRENCE GRP	425	435
R-N-	SANDSTONE LONEROC GRP	435	500
P-N-	SANDSTONE ELK MD GRP	500	820

Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia (in)		From (ft)	To (ft)
24 0	STEEL 0 438FT	surface	104
16 0	STEEL 0 375FT	2	252

Dia (in)	Screen type, material & slot size	From	To

9. Static Water Level 133 0 feet B ground surface A=Above B=Below

10. Pump Test
Pumping level 377 0 ft below surface
Pumping at 700 GP M 8 00 Hrs

11. Well Is: Grade 0 in. A=Above B=Below
Developed?
Disinfected?
Capped?

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft)	To (ft.)	# Sacks Cement
NEAT CEMENT	surface	452 0	

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13 Initials of Well Constructor or Supervisory Driller — Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additonal Comments? Variance Issued?
Owner Sent Label? Y More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF203**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 930 FT

Property Owner: ALLOUEZ, VILLAGE OF — Telephone Number: 920 - 448 - 2800

Mailing Address: 1649 S WEBSTER

City: ALLOUEZ — State: WI — Zip Code: 54301

County of Well Location: 5 BROWN — Co Well Permit No: W — Well Completion Date: November 28, 1973

Well Constructor: MILLER WELL AND — License #: 208 — Facility ID (Public): 405045520

Address — Public Well Plan Approval#: 720805

City — State — Zip Code — Date Of Approval: 09/18/1972

Hicap Permanent Well #: 75573 — Common Well #: 006 — Specific Capacity: 54 gpm/ft

Well Serves: M — # of homes and or (eg barn, restaurant, church, school, industry, etc)
M=Munic O=OTM N=NonCom P=Private Z=Other
X=NonPot A=Anode L=Loop H=Drillhole

High Capacity Well? Property?

1. Well Location

V — T=Town C=City V=Village of ALLOUEZ — Fire#

Street Address or Road Name and Number: 825 DAUPHIN ST WELL #6

Subdivision Name — Lot# — Block #

Gov't Lot — or NW 1/4 of NE 1/4 of
Section 17 T23 N R21 E

Latitude Deg Min. Sec.
Longitude Deg Min. Sec

Lat/Long Method

2. Well Type 1 — 1=New (See item 12 below)
2=Replacement
3=Reconstruction
of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

1 — 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?

Well located in floodplain?

Distance in feet from well to nearest (including proposed)

1 Landfill
2 Building Overhang
3 1=Septic 2= Holding Tank
4 Sewage Absorption Unit
5 Nonconforming Pit
6 Buried Home Heating Oil Tank
7 Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9 Downspout/ Yard Hydrant
10 Privy
11 Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15 Collector Sewer ___ units ___ in diam
16 Clearwater Sump
17 Wastewater Sump
18. Paved Animal Barn Pen
19 Animal Yard or Shelter
20 Silo
21 Barn Gutter
22 Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23 Other manure Storage
24 Ditch
25. Other NR 812 Waste Source

Drillhole Dimensions and Construction Method

Dia (in)	From (ft)	To (ft)
24 0	surface	116
23.5	116	522
15.5	522	930

Upper Enlarged Drillhole — Lower Open Bedrock

- 1 Rotary - Mud Circulation
- 2 Rotary - Air
- 3 Rotary - Air and Foam
- 4 Drill-Through Casing Hammer
- 5 Reverse Rotary
- 6 Cable-tool Bit _____ in dia
- 7 Temp Outer Casing _____ in dia. _____ depth ft. Removed ?

Other

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft)	To (ft)
R-CM	CLAY RED BROWN	Surface	120
G-L-	DOLOMITE GAL PLAT	120	230
-LH	DOLOMITE @ SHALE GAL PLAT	230	275
-LN	DOLOMITE @ SANDSTONE PDCD	275	495
R-HL	SHALE @ DOLOMITE COON VAL	495	525
R-NR	SANDSTONE VAN OSER	525	530
-NH	SANDSTONE @ SHALE TUN CITY	530	575
-N-	SANDSTONE ELK MD	575	930

Casing Liner Screen

Dia (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
24 0	NEW STEEL 0 375 WL A53 GRB WELDED	surface	116
16 0	NEW STEEL 0 375 W L A53 GR B WELDED	2	522

Dia (in)	Screen type, material & slot size	From	To

9. Static Water Level
184 0 feet B ground surface A=Above B=Below

10. Pump Test
Pumping level 405.0 ft below surface
Pumping at 1200 GP M 8 00 Hrs
0

11. Well Is: Grade
0 in A=Above B=Below
Developed?
Disinfected?
Capped?

3. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
NEAT CEMENT	surface	522 0	

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? Fl Bg Fbg

If no, explain

13 Initials of Well Constructor or Supervisory Driller — Date Signed

Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additional Comments? — Variance Issued?
Owner Sent Label? Y — More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF204**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Property Owner: ALLOUEZ, VILLAGE OF — Telephone Number: 920 – 448 – 2800

Mailing Address: 1649 S WEBSTER

City: ALLOUEZ — State: WI — Zip Code: 54301

County of Well Location: 5 BROWN — Co Well Permit No: W — Well Completion Date: January 1, 1978

Well Constructor: LAYNE CHRISTENSEN — License #: 582 — Facility ID (Public): 405045520

Address: W229 N5005 DUPLAINVI — Public Well Plan Approval#: 760191

City: PEWAUKEE — State: WI — Zip Code: 53072 — Date Of Approval: 12/21/1976

Hicap Permanent Well #: 75574 — Common Well #: 007 — Specific Capacity: 45 gpm/ft

Well Serves: M — # of homes and or (eg barn, restaurant, church, school, industry, etc)
M=Munic O=OTM N=NonCom P=Private Z=Other
X=NonPot A=Anode L=Loop H=Drillhole

High Capacity Well? Property?

1. Well Location
V T=Town C=City V=Village of ALLOUEZ — Fire#

Street Address or Road Name and Number: 719 KALB ST WELL #7

Subdivision Name — Lot# — Block #

Gov't Lot — or NE 1/4 of NE 1/4 of Section 12 T23 N R21 E

Latitude Deg. Min Sec.
Longitude Deg Min Sec.

2. Well Type 1 — 1=New 2=Replacement 3=Reconstruction (See item 12 below)
of previous unique well # _____ constructed in 0
Reason for replaced or reconstructed Well?

Lat/Long Method

1 — 1=Drilled 2=Driven Point 3=Jetted 4=Other

Depth 946 FT

Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?
Well located in floodplain?
Distance in feet from well to nearest (including proposed)

1 Landfill
2 Building Overhang
3 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5 Nonconforming Pit
6 Buried Home Heating Oil Tank
7 Buried Petroleum Tank
8 1=Shoreline 2= Swimming Pool
9 Downspout/ Yard Hydrant
10 Privy
11 Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14 Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15 Collector Sewer. ___ units ___ in diam
16 Clearwater Sump
17 Wastewater Sump
18 Paved Animal Barn Pen
19 Animal Yard or Shelter
20 Silo
21 Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24 Ditch
25 Other NR 812 Waste Source

Drillhole Dimensions and Construction Method

Dia (in)	From (ft)	To (ft)
22 0	surface	128
20 0	128	556
15 0	556	946

Upper Enlarged Drillhole — Lower Open Bedrock
-- 1 Rotary - Mud Circulation
X -- 2 Rotary - Air
-- 3 Rotary - Air and Foam
-- 4 Drill-Through Casing Hammer
-- 5 Reverse Rotary
-- 6 Cable-tool Bit _____ in dia
-- 7 Temp Outer Casing _____ in dia _____ depth ft Removed ?
Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft)	To (ft)
--	DRIFT	Surface	126
-L-	LIMESTONE	126	363
-LH	LIMESTONE W SHALW STREAKS	363	433
-L-	LIMESTONE	433	443
-LH	LIMESTONE W SHALE STREAKS	443	488
-LS	LIMESTONE SANDY	488	543
-N-	SANDSTONE	543	943
-Q-	GRANITE	943	946

Casing Liner Screen Material, Weight, Specification Manufacturer & Method of Assembly

Dia (in)	Material, Weight, Specification	From (ft)	To (ft)
22 0	API 5LB WELDED 0 375FT WALL	surface	128
16 0	A53B STEEL WELDED 0 375FT WALL	7	556

Dia.(in)	Screen type, material & slot size	From	To

9. Static Water Level
193 0 feet B ground surface A=Above B=Below

10. Pump Test
Pumping level 406 0 ft below surface
Pumping at 954 GP M 10 0 Hrs 0

11. Well Is: A Grade A=Above B=Below
36 in
Developed?
Disinfected? Y
Capped? Y

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft)	To (ft)	# Sacks Cement
NEAT CEMENT	surface	556 0	

12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13. Initials of Well Constructor or Supervisory Driller: TEL — Date Signed
Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additonal Comments? — Variance Issued?
Owner Sent Label? Y — More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF210**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 1090 FT

Property Owner: BELLEVUE SANITARY DISTRICT
Telephone Number: 920 – 468 – 5225
Mailing Address: 2828 ALLOUEZ AVE
City: GREEN BAY
State: WI
Zip Code: 54311
County of Well Location: 5 BROWN
Co Well Permit No: W
Well Completion Date: January 17, 1969

1. Well Location
T T=Town C=City V=Village of BELLEVUE
Fire#
Street Address or Road Name and Number: 2828 ALLOUEZ AVE WELL #1
Subdivision Name
Lot#
Block #
Gov't Lot or NE 1/4 of NW 1/4 of Section 15 T23 N R21 E
Latitude Deg Min Sec
Longitude Deg Min. Sec.

Well Constructor: JOSEPH REYNEN
License #: 358
Facility ID (Public): 405045960
Address
Public Well Plan Approval#: 670902
City State Zip Code
Date Of Approval: 04/26/1967
Hicap Permanent Well #: 75580
Common Well #: 001
Specific Capacity: 51 gpm/ft

2. Well Type 1 1=New 2=Replacement 3=Reconstruction (See item 12 below)
Lat/Long Method
of previous unique well # _____ constructed in 0
Reason for replaced or reconstructed Well?

3. Well Serves # of homes and or (eg. barn, restaurant, church, school, industry, etc)
M M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole
High Capacity: Well? Property?
1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?
Well located in floodplain?
Distance in feet from well to nearest (including proposed)

1 Landfill
2. Building Overhang
3. 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5 Nonconforming Pit
6 Buried Home Heating Oil Tank
7 Buried Petroleum Tank
8 1=Shoreline 2= Swimming Pool
9 Downspout/ Yard Hydrant
10 Privy
11 Foundation Drain to Clearwater
12. Foundation Drain to Sewer
13. Building Drain 1=Cast Iron or Plastic 2=Other
14 Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15 Collector Sewer ___ units ___ in diam
16. Clearwater Sump
17 Wastewater Sump
18 Paved Animal Barn Pen
19 Animal Yard or Shelter
20 Silo
21 Barn Gutter
22 Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23 Other manure Storage
24 Ditch
25. Other NR 812 Waste Source

Drillhole Dimensions and Construction Method

Dia (in)	From (ft)	To (ft)
20.0	surface	36
18 5	36	500
12.0	500	109

Upper Enlarged Drillhole — Lower Open Bedrock
– 1 Rotary - Mud Circulation
– 2 Rotary - Air
– 3 Rotary - Air and Foam
– 4 Drill-Through Casing Hammer
– 5. Reverse Rotary
– 6. Cable-tool Bit ____ in dia
– 7 Temp Outer Casing ____ in dia ____ depth ft Removed ?
Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft)	To (ft)
O-C-	CLAY	Surface	30
E-HL	SHALE MAQ	30	260
--LH	DOLOMITE SINN	260	465
G-NH	SANDSTONE STP	465	470
--LN	DOLOMITE PDC W SS	470	695
R-N-	SANDSTONE REMP	695	730
--N-	SANDSTONE TUN CITY	730	835
--N-	SANDSTONE IRONTON	835	910
--N-	SANDSTONE GALESV	910	1085
R-Q-	GRANITE PC	1085	1090

Casing Liner Screen

Dia (in)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft)	To (ft)
20 0	WELDED 3 75 WALL PIPE	surface	36
14 0	WELDED 3 75 WALL PIPE	36	500

Dia (in)	Screen type, material & slot size	From	To

9. Static Water Level
225 0 feet B ground surface A=Above B=Below

10. Pump Test
Pumping level 328 0 ft below surface
Pumping at 525 GP M 8 00 Hrs

11. Well Is: 0 in Grade A=Above B=Below
Developed?
Disinfected?
Capped?

7. Grout or Other Sealing Material

Method / Kind of Sealing Material	From (ft)	To (ft)	# Sacks Cement
CEMENT	surface	500 0	

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13 Initials of Well Constructor or Supervisory Driller — Date Signed
Initials of Drill Rig Operator (Mandatory unless same as above) — Date Signed

Additional Comments?
Owner Sent Label? Y
Variance Issued?
More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF211**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 970.4 FT

Property Owner: BELLEVUE SANITARY DISTRICT
Telephone Number: 920 - 468 - 5225
Mailing Address: 2828 ALLOUEZ AVE
City: GREEN BAY | State: WI | Zip Code: 54311
County of Well Location: 5 BROWN | Co Well Permit No: W | Well Completion Date: January 1, 1973
Well Constructor: LAYNE CHRISTENSEN | License #: 582 | Facility ID (Public): 405045960
Address: W229 N5005 DUPLAINVI | Public Well Plan Approval#: 720080
City: PEWAUKEE | State: WI | Zip Code: 53072 | Date Of Approval: 03/31/1972
Hicap Permanent Well #: 75581 | Common Well #: 002 | Specific Capacity: 36 gpm/ft

1. Well Location
T T=Town C=City V=Village of BELLEVUE | Fire#
Street Address or Road Name and Number: 2284 ALLOUEZ AVE WELL #2
Subdivision Name | Lot# | Block #
Gov't Lot or SE 1/4 of SE 1/4 of
Section 17 T23 N R21 E
Latitude Deg Min Sec.
Longitude Deg Min. Sec
Lat/Long Method

2. Well Type 1 1=New 2=Replacement 3=Reconstruction (See item 12 below)
of previous unique well # _____ constructed in 0
Reason for replaced or reconstructed Well?

3. Well Serves # of homes and or (eg: barn, restaurant, church, school, industry, etc.)
M M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole
High Capacity: Well? Property?
1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?
Well located in floodplain?
Distance in feet from well to nearest: (including proposed)

1 Landfill
2 Building Overhang
3 1=Septic 2= Holding Tank
4 Sewage Absorption Unit
5 Nonconforming Pit
6 Buried Home Heating Oil Tank
7 Buried Petroleum Tank
8 1=Shoreline 2= Swimming Pool
9 Downspout/ Yard Hydrant
10 Privy
11. Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14. Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15 Collector Sewer ___ units ___ in diam
16 Clearwater Sump
17 Wastewater Sump
18 Paved Animal Barn Pen
19 Animal Yard or Shelter
20 Silo
21 Barn Gutter
22 Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24 Ditch
25 Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia (in)	From (ft)	To (ft)
20 0	surface	138
17 0	138	580
12 0	580	970

Upper Enlarged Drillhole
- 1. Rotary - Mud Circulation
- 2. Rotary - Air
- 3. Rotary - Air and Foam
- 4. Drill-Through Casing Hammer
- 5. Reverse Rotary
- 6 Cable-tool Bit _____ in. dia
- 7. Temp. Outer Casing _____ in dia _____ depth ft Removed ?

Other

Lower Open Bedrock

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft)	To (ft)
R-CM	CLAY	Surface	115
-YL	SAND @ GRAVEL	115	135
-LL-	DOLOMITE SINN	135	280
G-HL	SHALE SINN	280	290
-LR	DOLOMITE SINN	290	335
-HL	SHALE @ DOLOMITE PDC	335	385
-LN	SANDSTONE @ DOLOMITE PDC	385	445
-LR	DOLOMITE PDC	445	530
R-L-	DOLOMITE COON VAL	530	565
Y-N-	SANDSTONE VANOSER	565	580
R-HN	SHALE @ SANDSTONE TUN	580	620
-NM	SANDSTONE ELK MD	620	965
R-QN	GRANITE PC	965	970

6. Casing Liner Screen

Dia (in)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft)	To (ft)
20 0	0375 WALL A53 GR B	surface	138
14.0	0375 WALL A53 WELDED	3	580

Dia.(in)	Screen type, material & slot size	From	To

9. Static Water Level
158 0 feet A ground surface A=Above B=Below

10. Pump Test
Pumping level 342 0 ft below surface
Pumping at 654.0 GP M 8 00 Hrs

11. Well Is: 0 in Grade A=Above B=Below
Developed?
Disinfected?
Capped?

7. Grout or Other Sealing Material

Method	Kind of Sealing Material	From (ft)	To (ft)	# Sacks Cement
	NEAT CEMENT	surface	580 0	

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13 Initials of Well Constructor or Supervisory Driller | Date Signed
Initials of Drill Rig Operator (Mandatory unless same as above) | Date Signed

Additional Comments? | Variance Issued?
Owner Sent Label? Y | More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF212**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 855 FT

Property Owner: BELLEVUE SANITARY DISTRICT
Telephone Number: 920 – 468 – 5225
Mailing Address: 2828 ALLOUEZ AVE
City: GREEN BAY
State: WI
Zip Code: 54311
County of Well Location: 5 BROWN
Co Well Permit No: W
Well Completion Date: December 24, 1980

Well Constructor: MILAEGER WELL @
License #: 82
Facility ID (Public): 405045960
Address: 20950 ENTERPRISE AVE
Public Well Plan Approval#: 760466
City: BROOKFIELD
State: WI
Zip Code: 53045
Date Of Approval: 07/18/1978
Hicap Permanent Well #: 75582
Common Well #: 003
Specific Capacity: 53 gpm/ft

1. Well Location
T T=Town C=City V=Village of BELLEVUE
Fire#
Street Address or Road Name and Number: 1811 ALLOUEZ AVE WELL #3
Subdivision Name
Lot#
Block #
Gov't Lot or NE 1/4 of NE 1/4 of Section 17 T23 N R21 E
Latitude Deg. Min Sec
Longitude Deg Min Sec.

2. Well Type 1 1=New 2=Replacement 3=Reconstruction (See item 12 below)
of previous unique well # _____ constructed in 0
Reason for replaced or reconstructed Well?

Lat/Long Method

3. Well Serves # of homes and or (eg. barn, restaurant, church, school, industry, etc.)
M M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity: Well? Property?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4. Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?
Well located in floodplain?
Distance in feet from well to nearest (including proposed)

1 Landfill
2 Building Overhang
3 1=Septic 2= Holding Tank
4 Sewage Absorption Unit
5 Nonconforming Pit
6 Buried Home Heating Oil Tank
7 Buried Petroleum Tank
8. 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10. Privy
11 Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14 Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15 Collector Sewer ___ units ___ in diam.
16 Clearwater Sump
17 Wastewater Sump
18 Paved Animal Barn Pen
19 Animal Yard or Shelter
20 Silo
21 Barn Gutter
22 Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23 Other manure Storage
24 Ditch
25 Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia (in.)	From (ft)	To (ft)
20 0	surface	101
18 0	101	547
14 0	547	855

Upper Enlarged Drillhole — Lower Open Bedrock
– 1 Rotary - Mud Circulation
– 2 Rotary - Air
– 3 Rotary - Air and Foam
– 4 Drill-Through Casing Hammer
– 5. Reverse Rotary
X – 6 Cable-tool Bit _____ in dia
– 7 Temp Outer Casing _____ in dia _____ depth ft Removed ?
Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft.)	To (ft)
---	GLACIAL DRIFT	Surface	85
--L-	DOLOMITE GAL PLAT	85	390
--N-	SANDSTONE STP	390	420
--L-	DOLOMITE PDC	420	535
--N-	SANDSTONE IRON GALESV	535	855

6. Casing Liner Screen

Dia (in)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft)	To (ft)
20 0	ASTM A53B 0375 WALL 79 6# FT	surface	101
14 0	ASTM A53B 0375 WALL 54 57# FT	101	547

Dia.(in)	Screen type, material & slot size	From	To

9. Static Water Level
172 0 feet B ground surface A=Above B=Below

11. Well Is: A Grade
24 in. A=Above B=Below
Developed?
Disinfected? Y
Capped? Y

10. Pump Test
Pumping level 400 0 ft. below surface
Pumping at 1200 GP M 18 0 Hrs
0 0

7. Grout or Other Sealing Material

Method	Kind of Sealing Material	From (ft)	To (ft)	# Sacks Cement
	NEAT CEMENT	surface	547.0	

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?
If no, explain

13 Initials of Well Constructor or Supervisory Driller: RNM
Date Signed
Initials of Drill Rig Operator (Mandatory unless same as above)
Date Signed

Additional Comments?
Owner Sent Label? Y
Variance Issued?
More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **IE266**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 1130. FT

Property Owner	BELLEVUE SANITARY DISTRICT 1
Telephone Number	414 – 468 – 5225
Mailing Address	2828 E ALLOUEZ AVE
City	GREEN BAY
State	WI
Zip Code	54311
County of Well Location	5 BROWN
Co Well Permit No W	
Well Completion Date	February 28, 1995
Well Constructor	VAN DE YACHT BILL
License #	4462
Facility ID (Public)	405045960
Address	3671 MONROE RD
Public Well Plan Approval#	941372
City	DE PERE
State	WI
Zip Code	54115
Date Of Approval	10/19/1994
Hicap Permanent Well #	1717
Common Well #	004
Specific Capacity	39 gpm/ft

1. Well Location T T=Town C=City V=Village of BELLEVUE Fire# 5

Street Address or Road Name and Number

Subdivision Name | Lot# | Block #

Gov't Lot or SE 1/4 of SW 1/4 of Section 23 T23 N R21 E

Latitude Deg Min. Sec.
Longitude Deg Min. Sec

2. Well Type 1 1=New 2=Replacement 3=Reconstruction (See item 12 below)

Lat/Long Method

of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

3. Well Serves # of homes and or MUNICIPALITY (eg- barn, restaurant, church, school, industry, etc)

M M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity Well? Y
Property? Y

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties? Y

Well located in floodplain? N

Distance in feet from well to nearest (including proposed)

1 Landfill
2 Building Overhang
3 1=Septic 2= Holding Tank
4 Sewage Absorption Unit
5 Nonconforming Pit
6 Buried Home Heating Oil Tank
7 Buried Petroleum Tank
8 1=Shoreline 2= Swimming Pool
9. Downspout/ Yard Hydrant
10 Privy
11 Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14 Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15 Collector Sewer. ___ units ___ in diam
16 Clearwater Sump
17 Wastewater Sump
18 Paved Animal Barn Pen
19 Animal Yard or Shelter
20 Silo
21 Barn Gutter
22 Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23 Other manure Storage
24 Ditch
25. Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia (in)	From (ft)	To (ft)	Upper Enlarged Drillhole / Lower Open Bedrock
26 0	surface	86	X – 1 Rotary - Mud Circulation
			– 2. Rotary - Air
			– 3. Rotary - Air and Foam
			– 4 Drill-Through Casing Hammer
19 1	86	605	– 5 Reverse Rotary
			– 6 Cable-tool Bit _____ in dia
13 1	605	113	X – 7 Temp Outer Casing _____ in dia _____ depth ft Removed ?
			Other

6. Casing Liner Screen

Dia (in)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft)	To (ft.)
20 0	19 41 LB PER FT 438 WALL A53 SAWHILL	surface	86
14 0	54 57 LB PER FT 375 WALL 0 A53B SAWHILL	605	9999

Dia.(in)	Screen type, material & slot size	From	To

7. Grout or Other Sealing Material

Method PUMP

Kind of Sealing Material	From (ft)	To (ft)	# Sacks Cement
NEAT GROUT	surface	86 0	12 S
NEAT GROUT	86 0	605 0	57 S

Geology Codes	8. Geology Type, Caving/Noncaving, Color, Hardness, etc	From (ft)	To (ft)
-C-	CLAY	Surface	72
-P-	HARDPAN	72	86
-L-	LIME	86	97
-H-	SHALE	97	310
-L-	LIME	310	475
-N-	SANDSTONE	485	750
-HN-	SANDSTONE HARD RED	750	850
-SN-	SANDSTONE SOFT WHITE	850	1126
-Q-	GRANITE	1126	1130

9. Static Water Level 315 0 feet B ground surface A=Above B=Below

10. Pump Test Pumping level 550 0 ft below surface
Pumping at 920 GP M 16 0 Hrs 0

11. Well Is: 24 in A Grade A=Above B=Below
Developed? N
Disinfected? Y
Capped? Y

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? Y

If no, explain

13 Initials of Well Constructor or Supervisory Driller BV Date Signed 3/1/95

Initials of Drill Rig Operator (Mandatory unless same as above) KV Date Signed

Additional Comments?
Owner Sent Label? Y
Variance Issued?
More Geology?

Well Construction Report

WISCONSIN UNIQUE WELL NUMBER **BF205**

State of Wi-Private Water Systems-DG/2
Department Of Natural Resources, Box 7921
Madison, WI 53707

Form 3300-77A
(Rev 12/00)

Depth 891 FT

Property Owner	ASHWAUBENON, VILLAGE OF
Telephone Number	920 – 492 – 2302
Mailing Address	2155 GROSS AVE
City	GREEN BAY
State	WI
Zip Code	54304
County of Well Location	5 BROWN
Co Well Permit No	W
Well Completion Date	January 1, 1949
Well Constructor	DONALD S FEDIE
License #	127
Facility ID (Public)	405045630
Address	W536 U S HWY 10
Public Well Plan Approval#	
City	MONDOVI
State	WI
Zip Code	54755
Date Of Approval	05/28/1948
Hicap Permanent Well #	75575
Common Well #	001
Specific Capacity	43 gpm/ft

1. Well Location

V T=Town C=City V=Village of ASHWAUBENON

Fire#

Street Address or Road Name and Number: 461 MORRIS AVE WELL #1

Subdivision Name | Lot# | Block #

Gov't Lot or SW 1/4 of SW 1/4 of Section 2 T 23 N R 20 E

Latitude Deg Min. Sec.
Longitude Deg Min Sec

2. Well Type 1 1=New 2=Replacement 3=Reconstruction (See item 12 below)

of previous unique well # _____ constructed in 0

Reason for replaced or reconstructed Well?

Lat/Long Method

3. Well Serves # of homes and or (eg: barn, restaurant, church, school, industry, etc)

M M=Munic O=OTM N=NonCom P=Private Z=Other X=NonPot A=Anode L=Loop H=Drillhole

High Capacity Well? Property?

1 1=Drilled 2=Driven Point 3=Jetted 4=Other

4 Is the well located upslope or sideslope and not downslope from any contamination sources, including those on neighboring properties?

Well located in floodplain?

Distance in feet from well to nearest (including proposed)

1 Landfill
2. Building Overhang
3 1=Septic 2= Holding Tank
4. Sewage Absorption Unit
5 Nonconforming Pit
6 Buried Home Heating Oil Tank
7 Buried Petroleum Tank
8 1=Shoreline 2= Swimming Pool
9 Downspout/ Yard Hydrant
10 Privy
11 Foundation Drain to Clearwater
12 Foundation Drain to Sewer
13 Building Drain 1=Cast Iron or Plastic 2=Other
14 Building Sewer 1=Gravity 2=Pressure 1=Cast Iron or Plastic 2=Other
15 Collector Sewer: ___ units ___ in diam.
16 Clearwater Sump
17 Wastewater Sump
18. Paved Animal Barn Pen
19 Animal Yard or Shelter
20. Silo
21 Barn Gutter
22. Manure Pipe 1=Gravity 2=Pressure 1=Cast iron or Plastic 2=Other
23. Other manure Storage
24 Ditch
25 Other NR 812 Waste Source

5. Drillhole Dimensions and Construction Method

Dia (in)	From (ft)	To (ft)
14 0	surface	557
10 0	557	891

Upper Enlarged Drillhole — Lower Open Bedrock

– 1 Rotary - Mud Circulation
– 2. Rotary - Air
– 3 Rotary - Air and Foam
– 4 Drill-Through Casing Hammer
– 5 Reverse Rotary
– 6 Cable-tool Bit _____ in. dia
– 7 Temp Outer Casing _____ in dia. _____ depth ft Removed ?

Other

8. Geology

Geology Codes	Type, Caving/Noncaving, Color, Hardness, etc	From (ft)	To (ft)
---	DRIFT	Surface	86
--L-	DOLOMITE GAL PLAT	86	247
--NL	SANDSTONE GAL PLAT	247	270
--NH	SANDSTONE STP	270	383
G-LR	DOLOMITE LMAGN	383	480
-HML	SILTSTONE TREMP	480	527
P-NL	SANDSTONE FRANCO	527	557
-NNL	SANDSTONE DRESB	557	891

6. Casing Liner Screen

Dia (in)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft)	To (ft)
16 0	LINER	surface	86
10 0		201	557
10 0		507	201

Dia (in.)	Screen type, material & slot size	From	To

9. Static Water Level

183 0 feet B ground surface A=Above B=Below

10. Pump Test

Pumping level 430 0 ft below surface

Pumping at 700 0 GPM Hrs

11. Well Is: Grade

0 in A=Above B=Below

Developed?

Disinfected?

Capped?

7. Grout or Other Sealing Material

Method	Kind of Sealing Material	From (ft.)	To (ft)	# Sacks Cement
		surface		

12 Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?

If no, explain

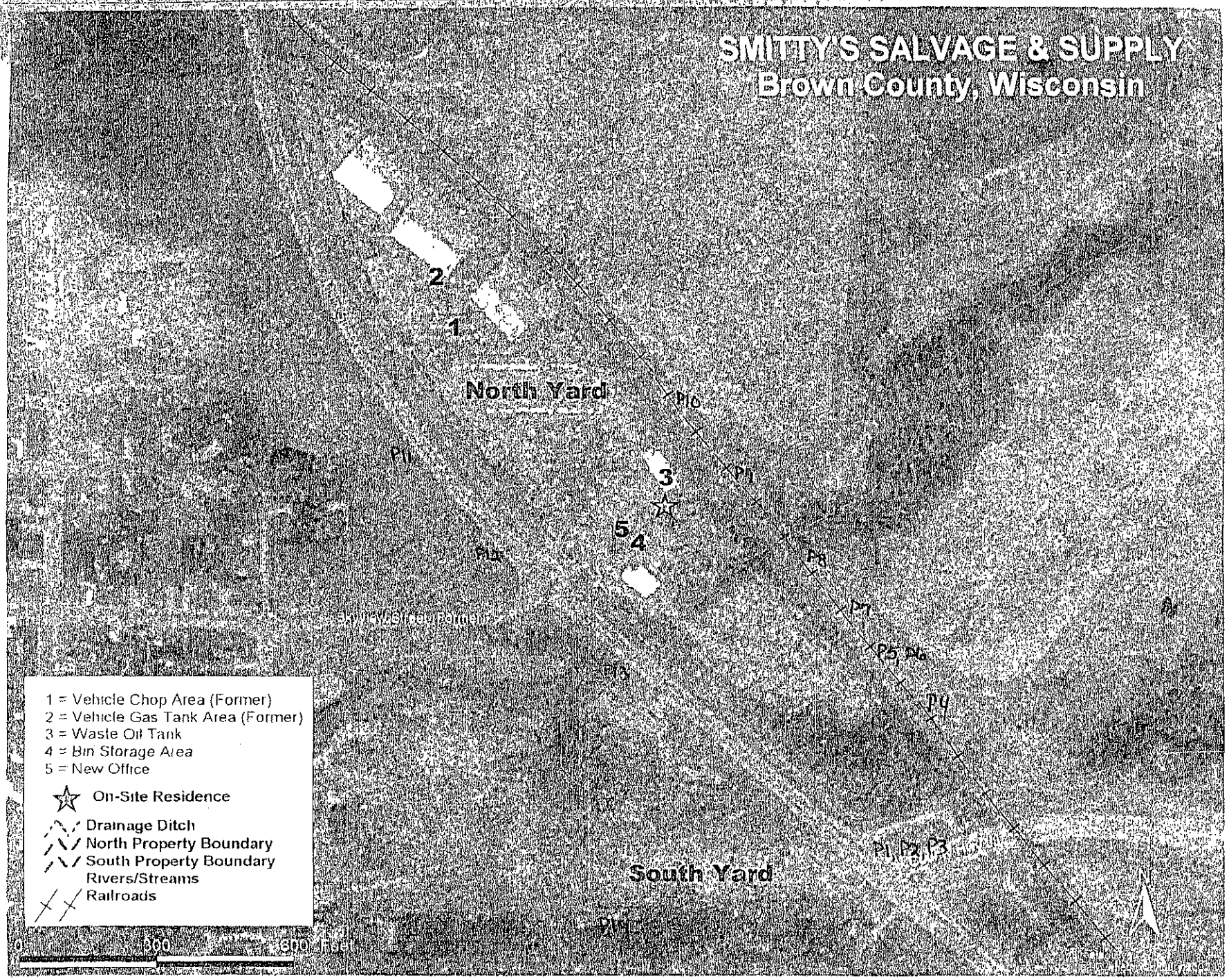
13. Initials of Well Constructor or Supervisory Driller

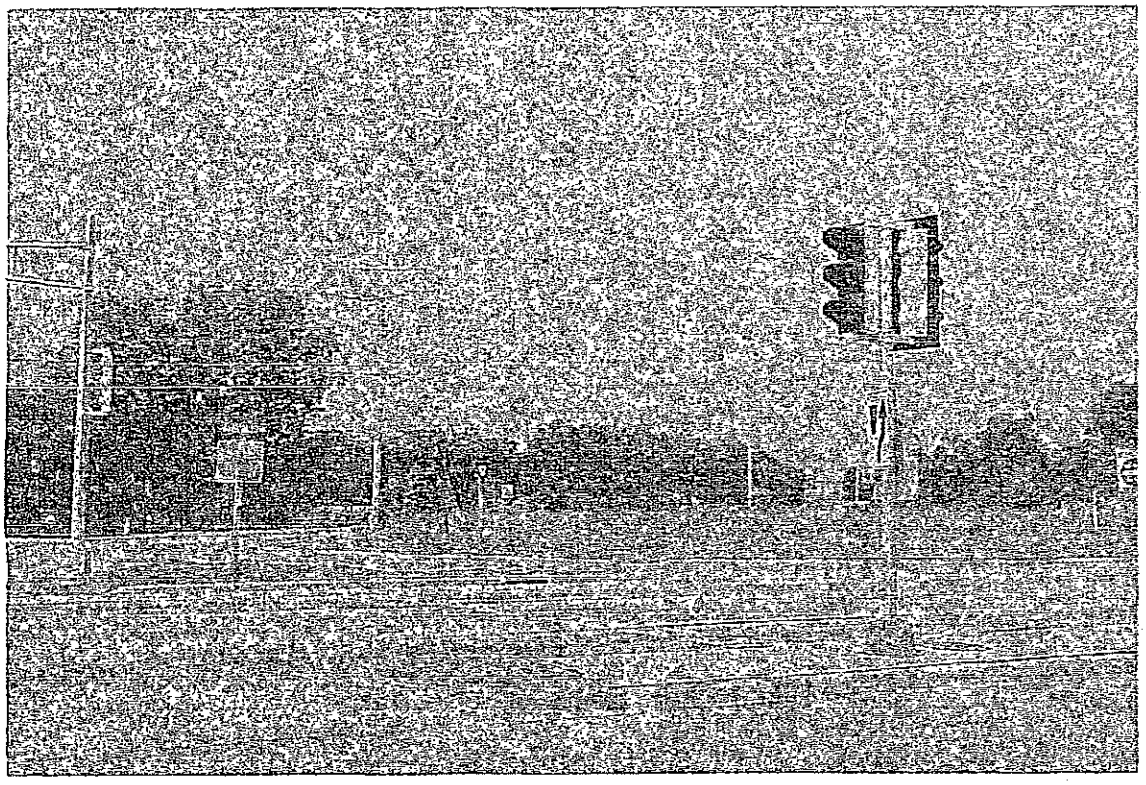
Date Signed

Sort List View

APPENDIX C

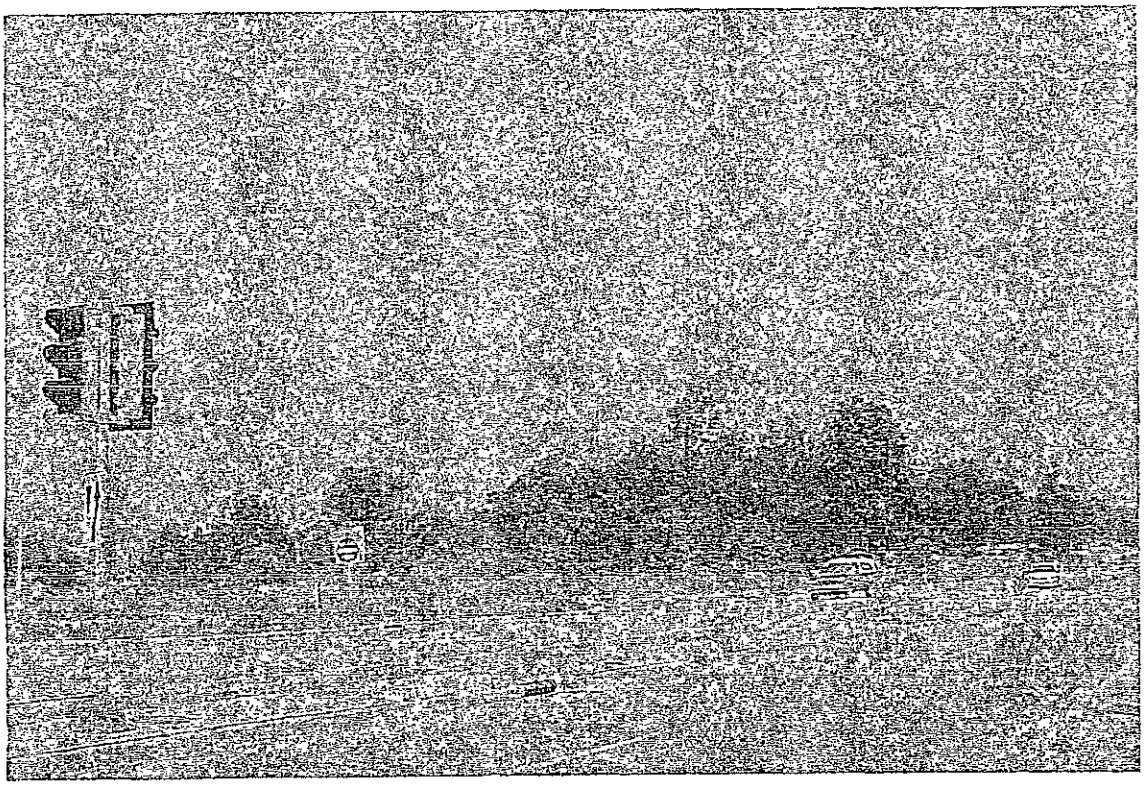
OFF-SITE INSPECTION PHOTOGRAPHS


SMITTY'S SALVAGE & SUPPLY
Brown County, Wisconsin
North Yard
South Yard
1
2
3
4
5
P1, P2, P3
P4
P5, P6
P7
P8
P9
P10
P11
P12
P13
P14
P15
P16
1 = Vehicle Chop Area (Former)
2 = Vehicle Gas Tank Area (Former)
3 = Waste Oil Tank
4 = Bin Storage Area
5 = New Office
On-Site Residence
Drainage Ditch
North Property Boundary
South Property Boundary
Rivers/Streams
Railroads
0
300
600 Feet

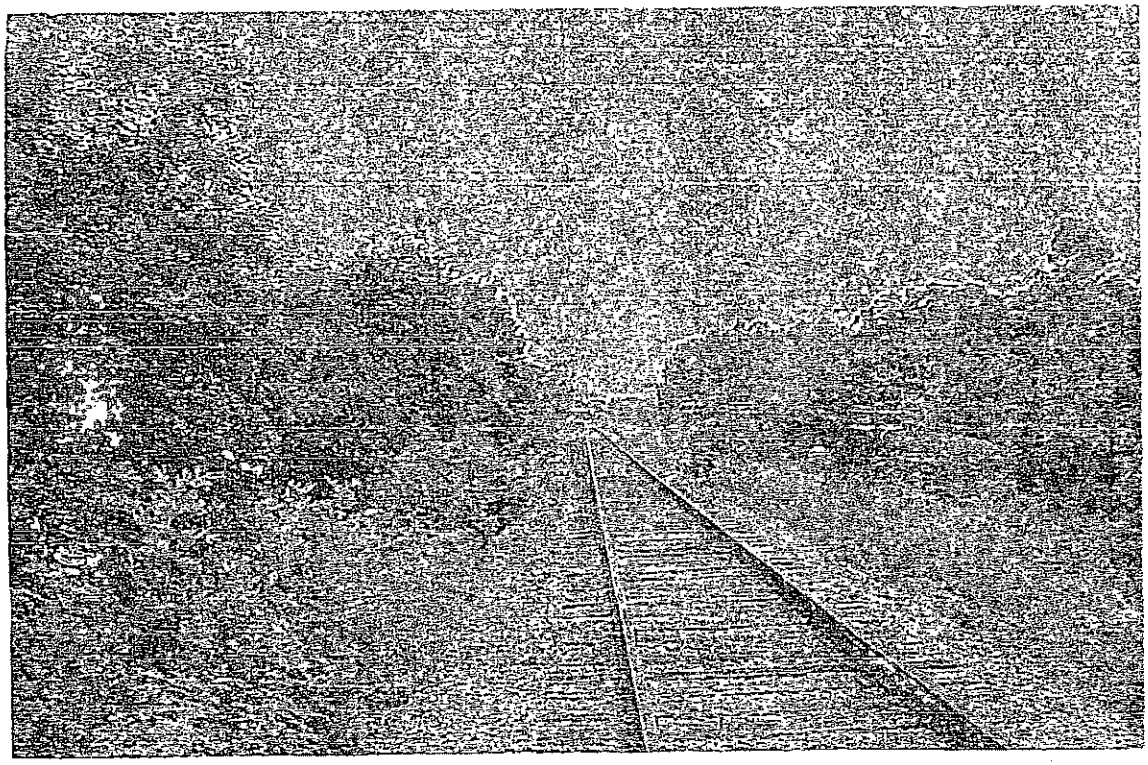


Photograph 1 Looking southwest toward the South Yard

Photograph 2 Looking southwest toward the South Yard



Photograph 3 Looking southwest toward the South Yard

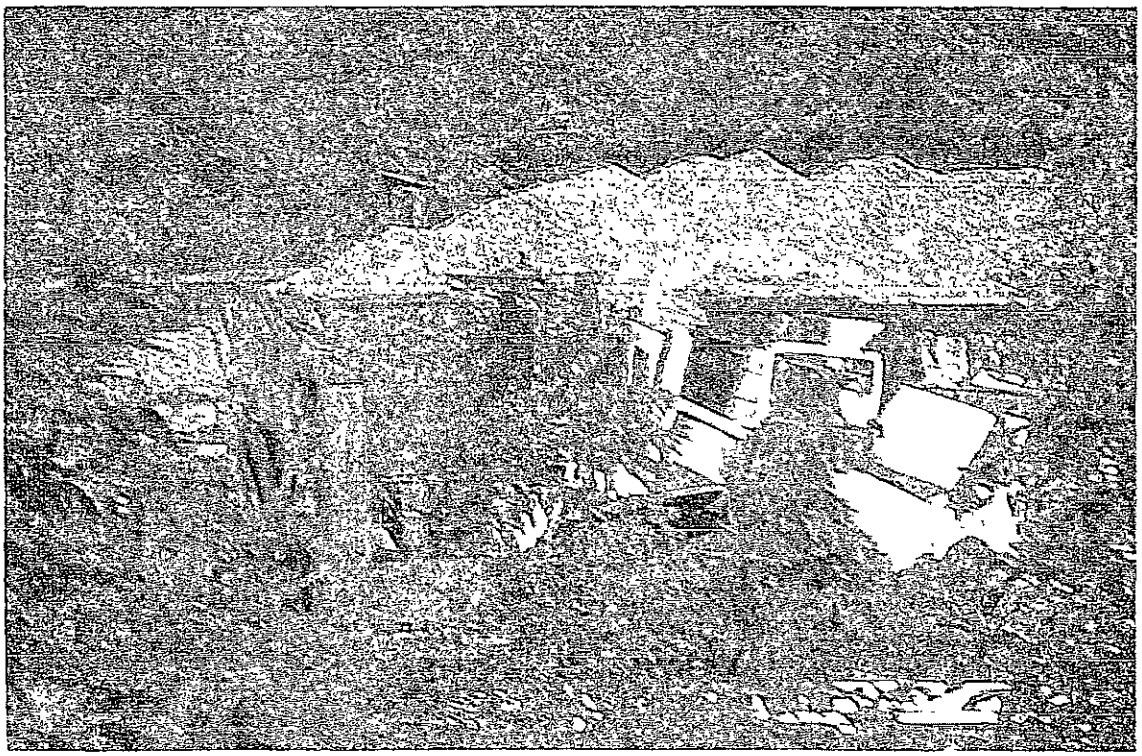


Photograph 4 East side of Main Yard looking toward the northwest

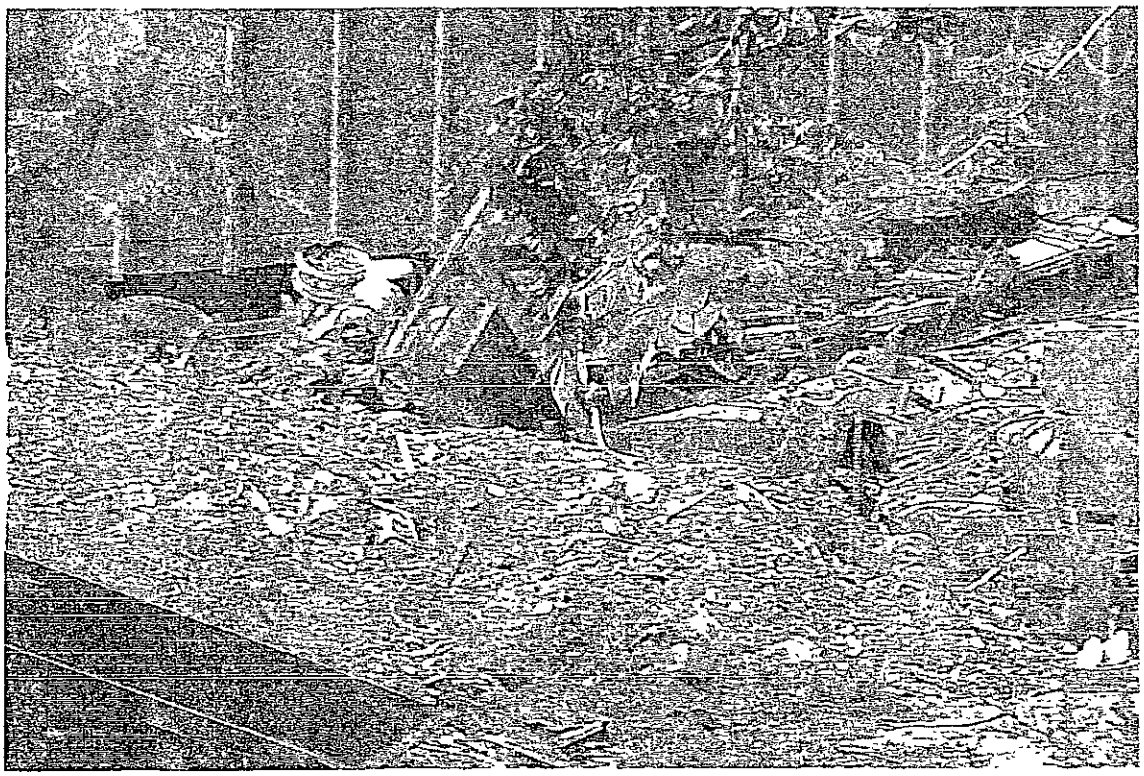
Photograph 5 East side of Main Yard looking toward the southwest

Photograph 6 East side of Main Yard looking north toward residential subdivision

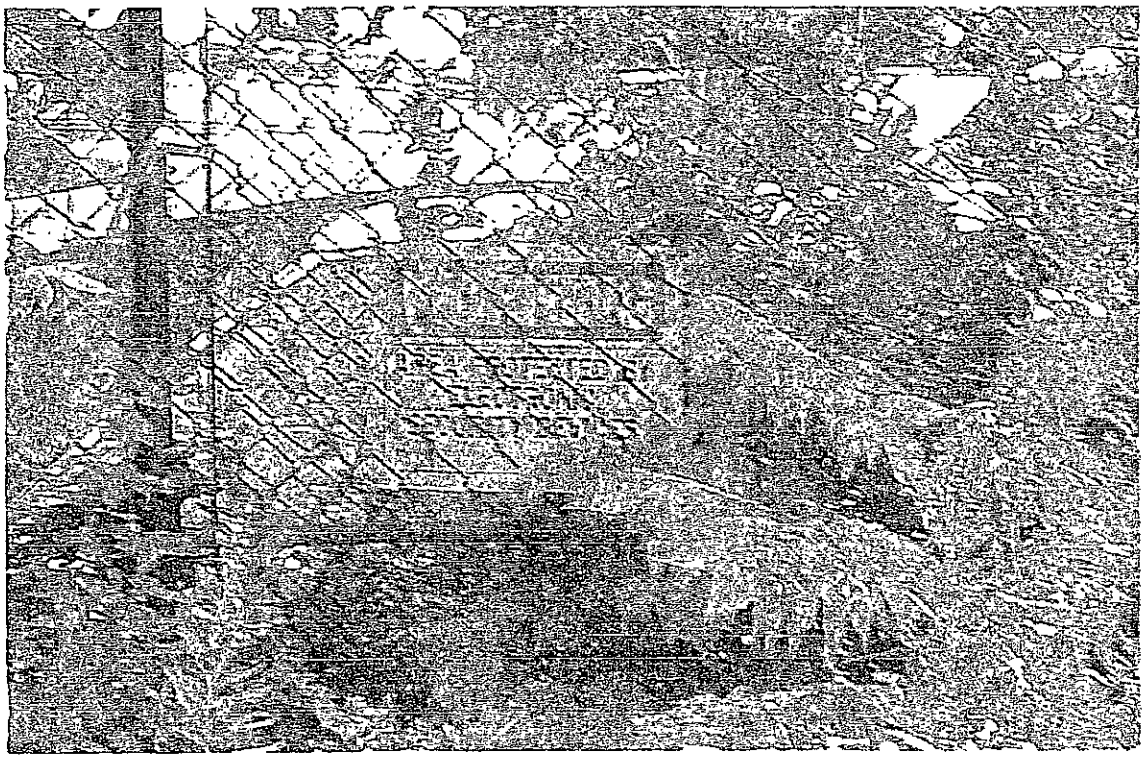
Photograph 7. East side of Main Yard looking toward the southwest



Photograph 8 East side of Main Yard looking toward the northwest



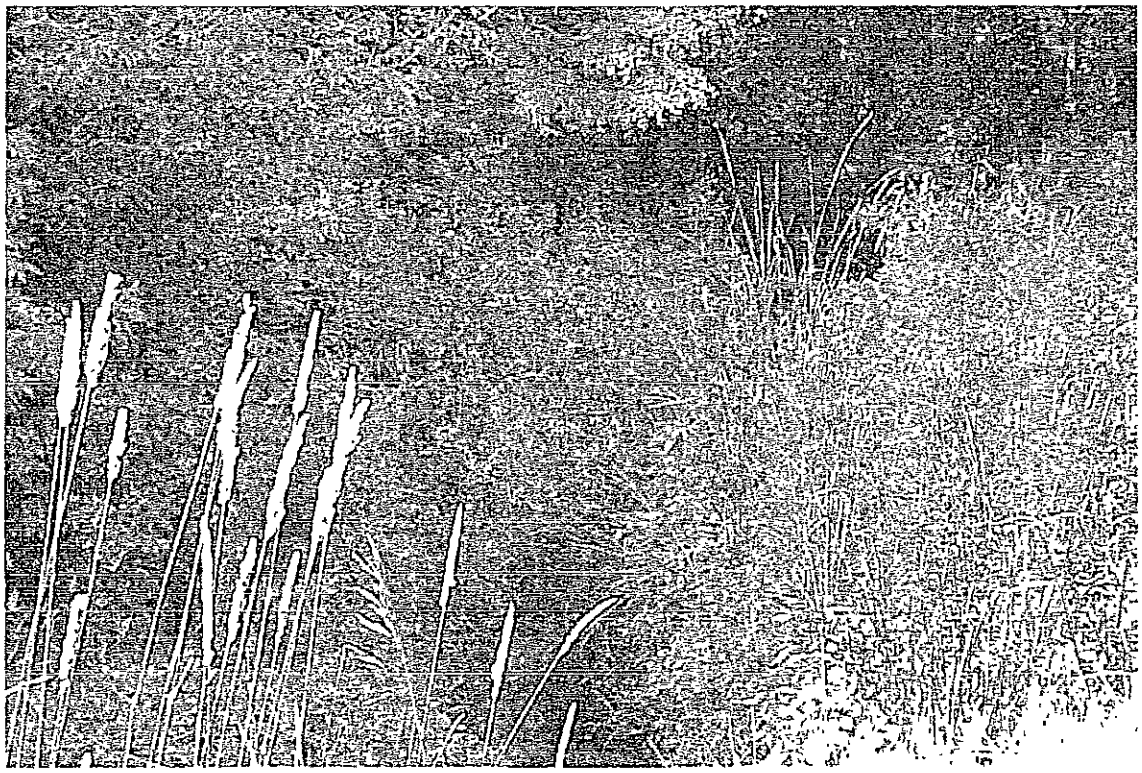
Photograph 9 East side of Main Yard looking toward the southwest



Photograph 10 Esat side of Main Yard looking toward the northwest

Photograph 11 West side of Main Yard looking toward the northeast

Photograph 12 West side of Main Yard looking toward the northeast



Photograph 13 East side of South Yard looking toward the southwest

Photograph 14 West side of South Yard looking toward the northeast

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604

May 25, 2016

MAIL CODE:
SM - 7J

Mr. Rex Knight
Project Coordinator
Southern Indiana Development Commission
PO Box 442
Loogootee, Indiana 47553

RE: SIDC – Brownfield Hazardous Substance and Petroleum Assessment - Cooperative Agreement # BF00E01520

Dear Mr. Jones:

This letter is written to notify you that the U.S. Environmental Protection Agency [U.S. EPA] has received and reviewed your Superfund Fiscal Year 2016 Second Quarter Progress Report dated April 30, 2016.

Your report has been accepted and approved.

If you have any questions or comments, please feel free to contact me at [312] 886-6139.

Sincerely,

Romona R. Smith

Romona R. Smith
SIDC Project Officer/Manager