RECEIVED
SEP 9 1994
DEPT. OF NATURAL RESOURCES
SD HEADQUARTERS
Copy Received 4-13-94

PHASE II ENVIRONMENTAL ASSESSMENT
DARSHAN WISCONSIN PROPERTIES FOUR
2575 SOUTH MAIN STREET
CROSS PLAINS, WISCONSIN

Project Number 4005

1135 Legion Drive
Elm Grove, Wisconsin 53122

K. SINGH & ASSOCIATES
INCORPORATED

Engineers and Environmental Management Consultants

PHASE TWO
ENVIRONMENTAL ASSESSMENT
WEST PORTION OF 2575 SOUTH MAIN STREET
CROSS PLAINS, WISCONSIN

PREPARED FOR

BULK PETROLEUM CORPORATION
9653 NORTH GRANVILLE ROAD
MEQUON, WISCONSIN 53092

PREPARED BY

K. SINGH & ASSOCIATES, INC.
1135 LEGION DRIVE
ELM GROVE, WI 53122

JOB # 4005

NOVEMBER 4, 1993

K. SINGH & ASSOCIATES, INC.

Engineers and Environmental Management Consultants

1135 Legion Drive, Elm Grove, WI 53122 (414) 821 - 1171 FAX (414) 821 - 1174

November 4, 1993

Mr. Darshan Dhaliwal
Darshan Wisconsin Properties Four
9653 North Granville Road
Mequon, Wisconsin 53092

Job # 4005

Subject: Phase Two Environmental Assessment for the Western Portion of 2575 South Main Street, Cross Plains, Wisconsin

Dear Mr. Dhaliwal:

The environmental assessment study that we proposed and which you authorized has been completed. Three copies of the report has been provided for your use.

Upon conducting a site visit, the property was noted to be in good condition and in compliance with pertinent federal environmental regulations. The property is a former gas station and soil and groundwater contamination has been documented in the central portion of the property. Currently, two recover wells and a vapor extraction system are being used to reduce the petroleum levels. Soil and groundwater contamination has not been documented on the western portion of the property. However, slight concentrations of gasoline constituents have been noted in a monitoring well near the subject area. We recommend that the wells RW-2 and MW-6 be sampled for GRO and PVOCs.

On October 13, 1993, three soil borings were performed at the site to assess the potential for soil contamination. Three soil samples were tested for gasoline range organics (GRO) and diesel range organics (DRO). Test results indicate that the GRO and DRO concentrations are below the 10 ppm guideline used by the Department of Natural Resources. It is recommended that the treated soil piled on the western portion of the property be moved to another area.

A WDNR record search indicates that there is one, besides the referenced property, active underground storage tank investigation within 1,000 feet of the property. Also, according to WDNR records, it appears that there are two active or abandoned landfills in the project area. Due to the locations of the facilities, they should not pose an environmental concern.

We have appreciated this opportunity to provide environmental management services. If we can be of further assistance in discussing this report with you, please contact us.

Sincerely,

K. SINGH & ASSOCIATES, INC.

David G. Tully
Staff Hydrogeologist

Pratap N. Singh, Ph.D, P.E.
Project Manager

TABLE OF CONTENTS

I. INTRODUCTION ..... 1 - 1

1.1 Facility Description
1.2 Purpose and Scope
1.3 Report Organization

II. SITE INVESTIGATION ..... 2 - 1

2.1 General
2.2 Soil Sampling and Testing
2.3 Subsurface Conditions
2.4 Soil Quality Testing

III. SITE ASSESSMENT ..... 3 - 1

3.1 Climate and Meteorology
3.2 Demography
3.3 Topography and Surface Water Drainage
3.4 Regional Geology
3.4.1 Site Geology
3.4.2 Regional Hydrogeology
3.4.3 Site Hydrogeology

IV. CONTAMINATION ASSESSMENT ..... 4 - 1

4.1 General
4.2 Regulatory Compliance Evaluation
4.2.1 Air Quality Compliance
4.2.2 Surface Water Quality Compliance
4.2.3 RECRA and Underground Storage Tank Sites
4.2.4 Hazardous Wastes
4.2.5 Asbestos and PCBs
4.2.6 CERCLA Sites
4.2.7 Wisconsin's Environmental Repair Program
4.3 Soil Conditions

V. CONCLUSIONS AND RECOMMENDATIONS ..... 5 - 1

5.1 Conclusions
5.2 Recommendations
5.3 Closure

V. REFERENCES ..... 6 - 1

VI. APPENDICES ..... 7 - 1

LIST OF FIGURES

Figure	Description	Page
1.	Project Location Map.....	I-2
2.	Facility Layout Map.....	I-3
3.	Soil Boring Location Map.....	II-2

LIST OF APPENDICES

APPENDIX A:	Soil Boring Logs
APPENDIX B:	Soil Quality Test Results
APPENDIX C:	Air Pollution Assessment
APPENDIX D:	Water Pollution Assessment
APPENDIX E:	Current UST Sites in Dane County
APPENDIX F:	Active and Abandoned Landfill Sites in Dane County
APPENDIX G:	Solid and Hazardous Waste and PCBs Questionnaire

SECTION I. INTRODUCTION

1.1 FACILITY DESCRIPTION

Darshan Wisconsin Properties Four owns the former gas station located at 2575 South Main Street, Cross Plains, Wisconsin. The property is located in the NE 1/4, SE 1/4, Section 3, Township 7 North, Range 7 East, in the Village of Cross Plains, Dane County, Wisconsin. The project location is shown on Figure 1. This Phase II Assessment was performed for the western 1/3 of the property as shown in Figure 2.

The site is bounded by Brewery Road to the east, commercial properties to the north and west, and Highway 14 to the south. The property was used as a former gas station. A site assessment was performed in 1990 to determine the impact of petroleum products. Gasoline contamination was found in the central portion of the property near the former pump islands. Two groundwater recovery wells and a vapor extraction system were installed to remediate the soil and groundwater. No contamination was encountered on the western portion of the property. A layout map of the property and surrounding area is included in Figure 2.

Four underground storage tanks (USTs) were present on-site. A 15,000 gallon unleaded gasoline, a 4,000 gallon unleaded gasoline, an 8,000 gallon leaded gasoline, and an 8,000 gallon diesel tank were removed in September of 1990. A small above ground tank was used to store fuel oil for heating purposes.

The topography of the site is relatively flat. According to a topographic map the surface elevation at the site is approximately 882 feet, MSL.

1.2 PURPOSE AND SCOPE

The purpose of this report is to identify potential risks to the environment, if any, and fulfill the requirements of the Wisconsin Department of Natural Resources.

The specific objectives of this study are included as follows:

1) Conduct a site visit, gather environmental data, and interview the owner about land uses;

2) Review the files with DILHR and WDNR about environmental projects in the proximity of the project site;

3) Prepare a Phase Two Environmental Assessment Report.

1.3 REPORT ORGANIZATION

This report is organized into seven Sections. Sections I and II include an introduction and site investigation. Section III and IV provide a site assessment and contamination assessment. Section V includes conclusions and recommendations. Sections VI and VII include references and appendices, respectively.

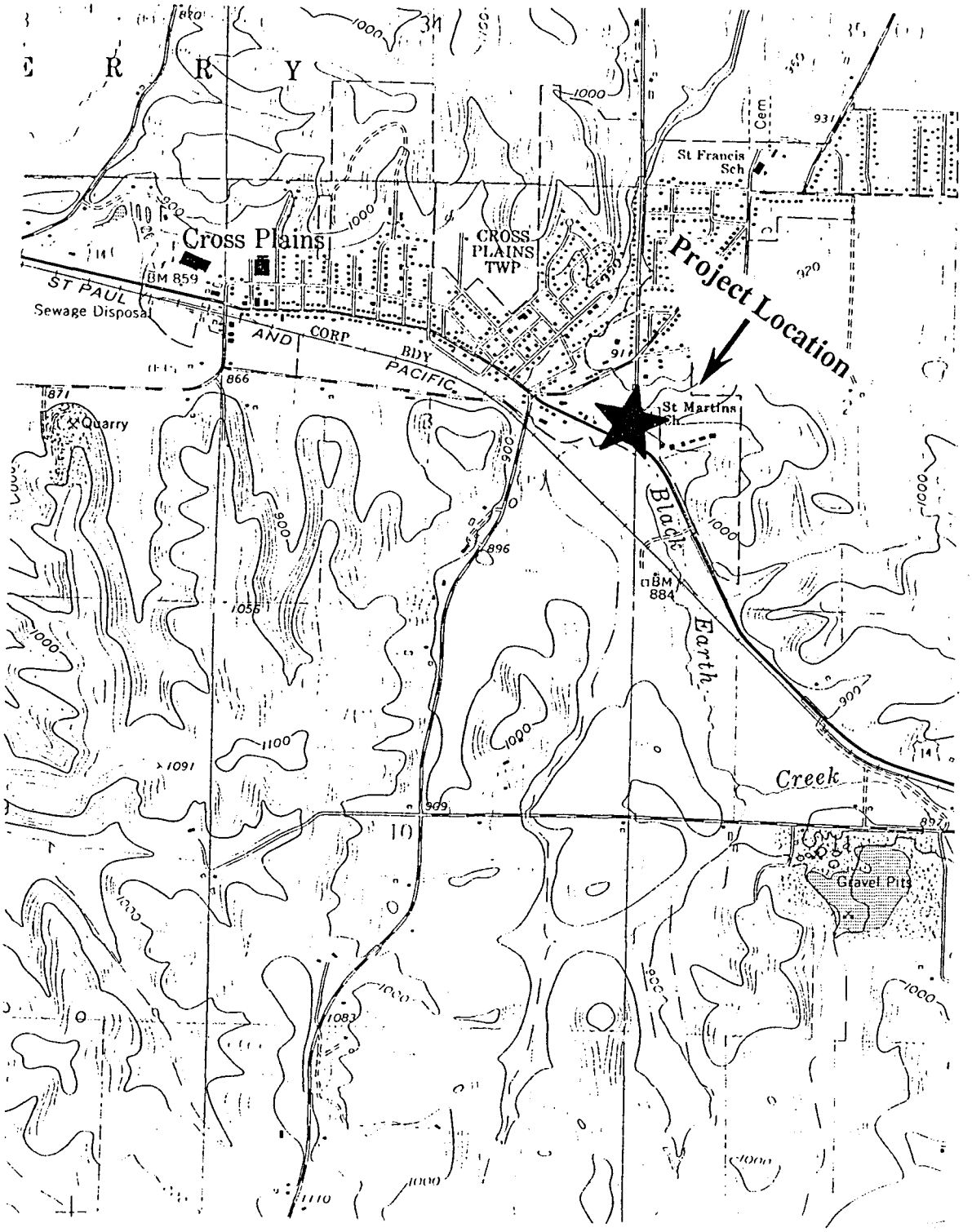


Figure 1. Project Location Map

Scale: 1" = 2000'

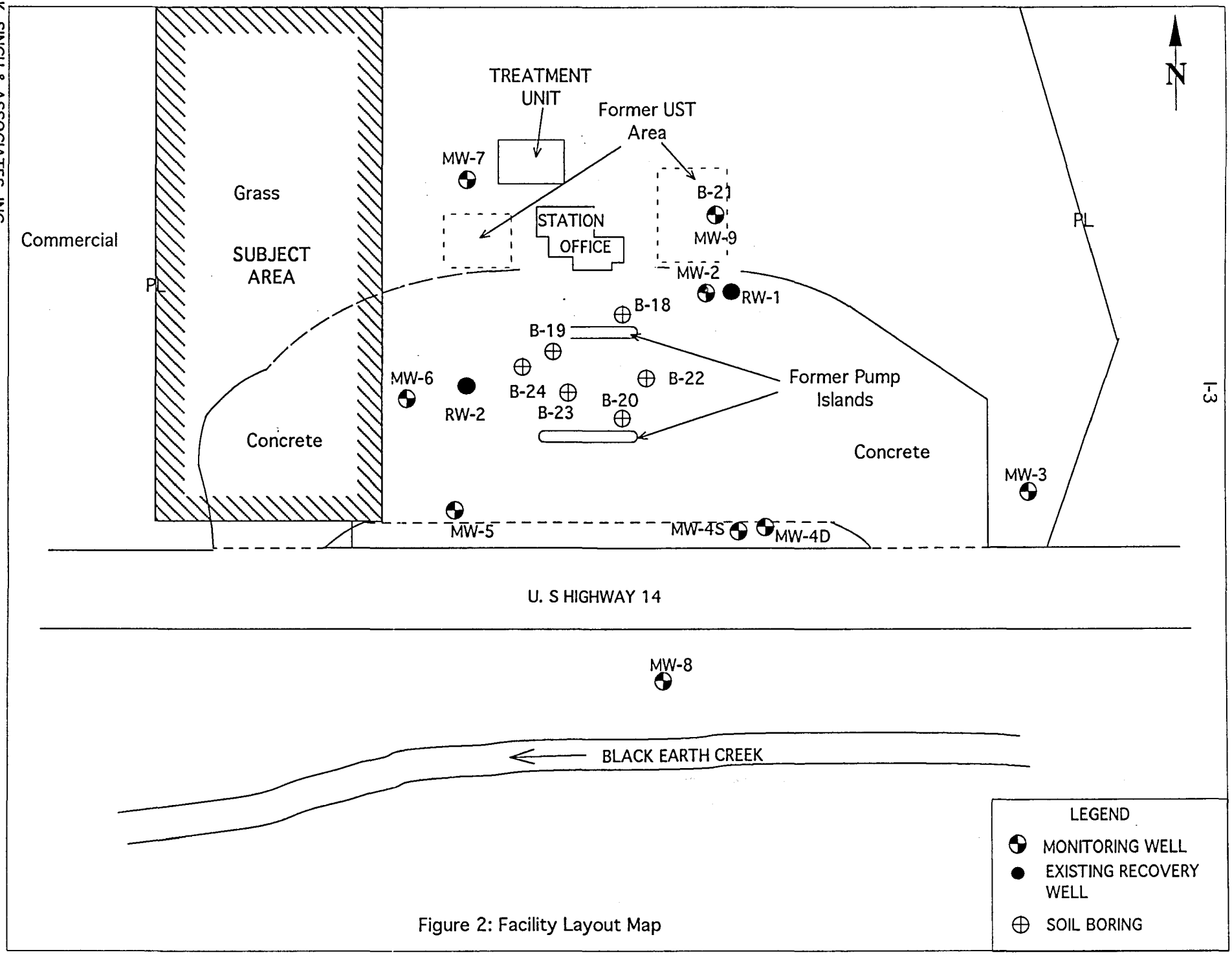


Figure 2: Facility Layout Map

SECTION II. SITE INVESTIGATION

2.1 GENERAL

This investigation was planned to assess gasoline and diesel contamination in the soil and to assess public health concerns. These goals were achieved by performing soil borings, testing soil, and interpreting soil quality test results. A description of the procedures employed during this investigation are included in this section.

2.2 SOIL SAMPLING AND TESTING

On October 13, 1993, three soil borings, 15 feet in depth, were performed at the site. These soil borings were performed by Exploration Technology, Inc. of Madison, Wisconsin, under the supervision of K. Singh & Associates, Inc. Test boring locations (TH-1 through TH-3) are shown on Figure 3.

A 4-1/4 inch inner diameter hollow stem auger was used for drilling. Soil sampling was conducted at 2.5 foot intervals.

Standard field sampling techniques, in accordance with ASTM D420, D1452, and D1586, were employed in this investigation to obtain the data presented on the boring logs. Sampling in cohesive and cohesionless soils was performed by driving a standard split spoon with a 140 pound weight falling 30 inches. The sum of the number of blows required to advance the tool in two 6 inch increments following 6 inches of seating is recorded on the final boring logs under the "N" column, referring to the Standard Penetration Resistance Test, ASTM D1586.

Soil samples were tested on-site for volatile organic compounds using an HNU meter, model number PI-101 containing a 11.7 e.v. lamp. HNU meter readings are shown on the boring logs included in Appendix A. The HNU meter was also used to assess contamination levels for field personnel health and safety. Safety precautions were taken at Level D.

Recovered samples were examined by the field crew and placed in sealed containers to prevent further loss of petroleum vapors. Field samples were transported to our office for final classification per ASTM D2487-69 methods. A field log was prepared by our staff during on-site operations to record field occurrences, sampling intervals, and groundwater observations.

A sample collected from the soil borings were analyzed for gasoline range organics (GRO) and diesel range organics (DRO) using the modified Wisconsin Method. Test results are shown on the boring logs in Appendix A.

Considering the test results and visual classification of the soils in the laboratory, a final boring log for each test boring was prepared. The final boring logs list boring methods, sampling methods, depth of sample, amount of sample recovered, an indication of sub-soil types and groundwater level observations (refer to Appendix A).

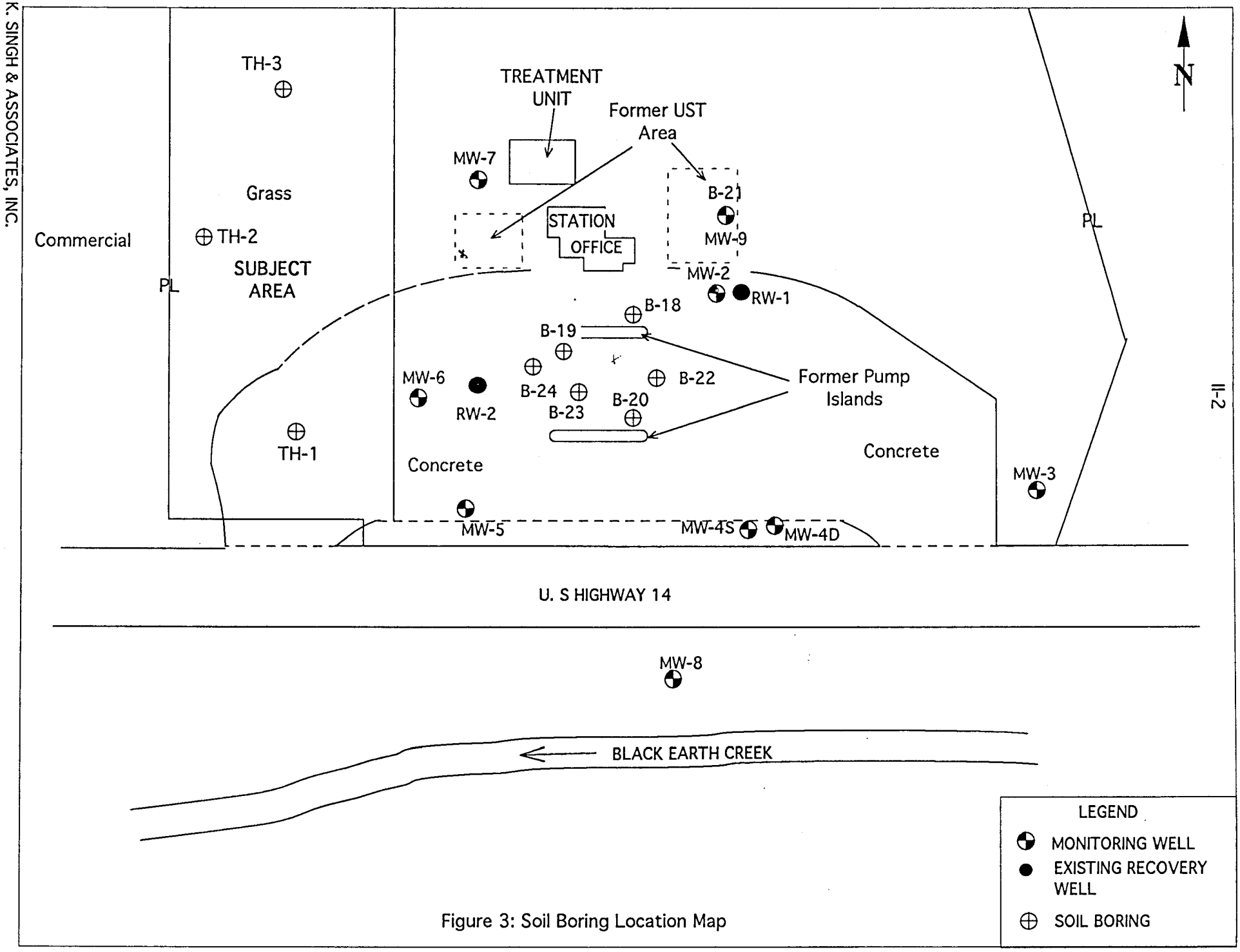


Figure 3: Soil Boring Location Map

2.3 SUBSURFACE CONDITIONS

An examination of the boring logs indicates that the soils were consistent across the site. The soils consist of a silty clay and fill with rubble at a shallow depth. A brown silty clay was encountered at shallow depths in all the soil borings. A brown sandy gravel and silty sand layer was encountered at 8 to 15 feet across the site. Groundwater was encountered at 9 to 12 feet in the three soil borings.

2.4 SOIL QUALITY TESTING

Testing of soil samples was conducted in accordance with the procedures outlined by the WDNR in the Site Assessment Guidelines (1).

A total of three soil samples were collected and sent for analytical testing. The samples were analyzed for GRO and DRO using the modified Wisconsin Methods. The samples were transported to Swanson Environmental Inc. of Brookfield, Wisconsin for analytical testing. Soil quality test results are included in Appendix B.

SECTION III. SITE CHARACTERIZATION

3.1 CLIMATE AND METEOROLOGY

The average annual precipitation in Dane County is approximately 31.2 inches with a slight seasonal influence on monthly precipitation. Average monthly rainfall ranges from 1.02 inches in February to 3.89 inches in June. Average annual snowfall is 37.8 inches with a monthly variation of zero in the summer months to 12 inches in January.

The mean monthly temperature is 46 degrees F with a monthly temperature range from 17.7 degrees F in January to 72.2 degrees F in July. The lowest recorded temperature was 37 degrees F below zero in January 1951. The highest recorded temperature was 107 degrees F in July of 1936.

3.2 DEMOGRAPHY

The Village of Cross Plains is located in Dane County. The population of the Village is approximately 2370. The potable water supply needs of the Village of Cross Plains are met by municipal and private wells.

3.3 TOPOGRAPHY AND SURFACE WATER DRAINAGE

The site is located in southeast Cross Plains. The surface elevation of the site is approximately 882 feet, MSL, based upon a USGS map of the area. Surface water drainage from the site is to the southwest towards Black Earth Creek.

3.4. REGIONAL GEOLOGY

The materials that control the movement and storage of groundwater in Dane County range from basement rocks of Precambrian age to unconsolidated glacial deposits, alluvium, and soils of Pleistocene and Holocene ages. All of the bedrock in Racine County is overlain by glacial drift. The predominant lithology is an unsorted mixture ranging from clay to large boulders called till. The tills were deposited beneath the ice sheets and are classified as lodgement tills. The outwash and lacustrine sediments were deposited in proglacial lakes.

The individual till sheets have been grouped into three till units on the basis of their lithologic characteristics. They are referred to as Till 1, Till 2, Till 3, Till 1 being the oldest. It may be noted that each individual till may represent more than one glacier advance and retreat, and that the glacial soils are estimated to be about 13,000 to 15,000 years old.

Interglacial periods are indicated by the lacustrine and outwash deposits found between the till sheets. These materials were deposited in the large, proglacial lake that formed in the Lake Michigan basin wherever the ice sheets and their lithologic characteristics can be literally gradational. Therefore, no stratigraphic names or numbers are given to these materials.

The postglacial period (Holocene epoch) is represented by sedimentation associated with the lakes that occupied the Lake Michigan basin following the last retreat of ice from the area.

Alluvial and estuarine soil units constitute the postglacial deposits, and the other soil units constitute the glacial deposits. Within the glacial deposits, two general depositional settings were identified: one beneath ice sheets, producing till ; the other in proglacial lacustrine sediments, outwash and ice margin deposits. Although the three tills are lithologically distinct, Till 2 and Till 3 are generally fine grained, and more cohesive than Till 1.

3.4.1 SITE GEOLOGY

Several publications were reviewed to develop an understanding of the geology of the site. The geology of the site is described using geologic data gathered from three soil borings performed on the site on October 13, 1993. The following observations are made as a result of the examination of the soil boring logs:

1) Construction of commercial facilities and utilities have changed the subsurface soils at the site, which is typical of sub-urban environment. Fill up to the depth of 8 feet was encountered in soil boring TH-1.

2) Silty clay was encountered in all three soil borings (TH-1 to TH-3). This soil is soft to stiff in consistency and exhibits low permeability. This soil may serve to mitigate downward migration of petroleum products.

3) A sandy gravel and silty sand layer was encountered below the silty clay layer. This layer exhibits a higher permeability and may serve to induce lateral migration of petroleum products.

3.4.2 REGIONAL HYDROGEOLOGY

Three major aquifers have been identified in southeastern Wisconsin. They are the sand and gravel, the Niagara, and the Sandstone aquifers. Water-bearing sand and gravel of glacial deposits are present throughout Dane County, and make up the sand and gravel aquifer. Relatively small amounts of domestic water are obtained from this aquifer.

The Niagara aquifer includes dolomite of Silurian age. The Niagara aquifer supplies moderate to large amounts of water to wells in the eastern part of the state.

The sandstone aquifer underlies the entire eastern area of rocks of paleozoic age. The sandstone aquifer is the most heavily pumped aquifer in Wisconsin, largely due to the population concentration and industry in the eastern portion of the state.

3.4.3 SITE HYDROGEOLOGY

Based upon topography of the area (Refer to Figure 1), surface elevation is approximately 882 feet, MSL at the site. Groundwater was encountered at 9 to 12 feet below the surface. The remedial investigation at the site indicates that the natural groundwater flow is to the southwest towards Black Earth Creek. However, the flow direction will be altered while water is being pumped from the two recovery wells.

SECTION IV. CONTAMINATION ASSESSMENT

4.1 GENERAL

On October 13, 1993, a site visit was conducted by our staff to gather information regarding site conditions that may pose a risk to human health , safety and the environment. A summary of our findings as related to regulatory compliance and environmental liabilities associated with the subject property is included throughout the remainder of this section.

4.2 REGULATORY COMPLIANCE EVALUATION

Interviews were conducted by our staff with the property owner, the Department of Industry, Labor and Human Relations, and the Wisconsin Department of Natural Resources. During the interviews, questions were asked regarding regulatory compliance, land uses, and management in the past. Disposal of solid wastes, and other geologic and hydrogeologic data relative to the site were also reviewed.

4.2.1 AIR QUALITY COMPLIANCE

The passing of the Clean Air Act (CAA) by Congress in 1970, gave the USEPA the power to regulate the discharge of air pollutants from industrial facilities. The CAA serves to protect public health and the environment by establishing air emission standards. These standards fall into three categories:

1. National Ambient Air Quality Standards
2. Standards of Performance for New Stationary Sources
3. National Emissions Standards for Hazardous Air Pollutants

The USEPA implements these standards on a regional basis. Through the assistance of programs developed in individual states, these standards are achieved. The regulation of air quality standards for a particular facility , are governed by the air quality of the area in which the facility is located.

Upon conducting an air pollution assessment at the site, it was noted that the western portion of the property does not contain any regulated sources of air emissions. The treated air from the vapor extraction system is a source of emissions. However, the amount of emissions generated from such a system fall below the permit requirements. Air pollution assessment findings are summarized in a check list contained in Appendix C. Based on the results of the assessment, air emissions do not appear to be a concern at the site.

4.2.2 SURFACE WATER QUALITY COMPLIANCE

To regulate the discharge of pollutants into the nation's waters, the Federal Water Pollution Control Act (FWPCA) was passed in 1972. Upon amendment in 1987, the FWPCA came to be known as The Clean Water Act (CWA). The CWA closely regulates the discharge of

industrial wastewater into surface water bodies, storm sewers and sanitary sewer systems. Under the CWA, industries may not release pollutants to U.S. waters without obtaining a discharge permit.

Upon obtaining a discharge permit, permittees are subject to strict monitoring and reporting requirements. Violators of CWA permits are subject to both civil and criminal penalties.

The potable water supply needs of the subject property were met by the Village of Cross Plains. A water pollution assessment was completed on site to identify sources of waste water discharge. Treated groundwater is discharged into the Cross Plains Sanitary Sewer from the treatment unit. However, there is no discharge from the western portion of the property. Water pollution assessment data is summarized in Appendix D.

4.2.3 RECRA AND UNDERGROUND STORAGE TANK SITES

The Resource Conservation and Recovery Act (RCRA) of 1976, amended in 1980 and 1984, was enacted to provide a plan for regulating the generation, storage, transport and disposal of hazardous wastes. Any industry generating wastes deemed hazardous by the EPA, must obtain a hazardous waste identification number. The waste generator must keep accurate records of all types and volumes of waste generated at the facility.

A file search conducted with the Wisconsin Department of Natural Resources indicated that there are no RCRA sites located in the vicinity of the site.

The EPA has also established regulations for UST's, which are included in Subtitle 40 CFR Parts 280 and 281. These regulations will require that owners and operators take corrective actions to remedy releases from UST's. They will require immediate corrective action to reduce fire and explosion hazards and to recover the product and remove or treat contaminated soils. The Office of Underground Storage Tanks (OUST) is responsible for establishing the Agency's program for controlling underground storage tanks.

The UST program in the State of Wisconsin is managed by the Department of Industry, Labor and Human Relations. WDNR provides technical support to DILHR in the implementation of the UST program. To address the problems associated with leaking UST's in Wisconsin, the Petroleum Environmental Cleanup Fund (PECFA) program has been established. A records search at DILHR indicated that USTs at the site have been registered.

A file search was conducted at the Southeastern District office of the WDNR to determine the location of current UST investigations in the project area. According to the file search, there is two active UST investigations taking place within 1,000 feet of the subject property. The property itself and the Kwik Trip facility located one block to the west are listed LUST sites. Since the Kwik Trip facility is downgradient, it should not pose an environmental concern. A list of current UST investigations in Dane County is included in Appendix E.

4.2.4 HAZARDOUS WASTES

During the site visit, the facility was inspected for materials classified as hazardous. Upon inspection, it did not appear that any hazardous materials, with the exception of the petroleum products, have been generated, stored, or disposed of at the site.

Upon conduction a file search at the Southeastern District WDNR office, it was determined that two landfills exist within one mile of the subject property. Due to their locations, these landfills should not pose an environmental concern. A list of active and inactive landfill sites in Dane County is provided in Appendix F. Based on information obtained from the site visit and historical interviews, hazardous wastes do not appear to be a concern at the site.

4.2.5 ASBESTOS AND PCBs

To regulate the control of certain chemical substances which pose a risk to human health and the environment, The Toxic Substances Control Act (TSCA) was passed in 1976. TSCA serves to protect public health and the environment by regulating the control of asbestos and the production and distribution polychlorinated biphenyls (PCBs).

The use of asbestos in building materials was discontinued in the mid 1970's. The Asbestos Hazard Emergency Response Act (AHERA), was enacted as an amendment to TSCA in 1986, and by federal law requires the removal of asbestos from public school buildings. Asbestos has been determined to be hazardous if it is in an airborne state. This generally occurs if floor or ceiling tile, and insulating materials containing asbestos have been disturbed. Visual inspection of the property did not indicate the presence of any materials containing asbestos.

PCBs are commonly found in waste oil and old electrical equipment containing transformer oil. According to data gathered during the site visit, PCB contamination does not appear to be a concern at the facility. A solid and hazardous waste questionnaire completed at the site is included in Appendix G.

4.2.6 CERCLA SITES

The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) or Superfund, was enacted in 1980. Along with its amendments (the Superfund Amendments and Reauthorization Act (SARA) of 1986) the goal of CERCLA was to initiate State and Federal programs designed to govern the clean up of uncontrolled waste sites.

CERCLA has and continues to provide a list of sites deemed toxic by the U.S. EPA. These are sites that pose risk to human health and the environment which warrant clean-up. Based upon the degree and level of uncontrolled hazardous waste, the sites are placed on the National Priorities List (NPL).

A review of U.S. EPA records indicates that no CERCLA or NPL sites exist in the vicinity of the subject property.

4.2.7 WISCONSIN'S ENVIRONMENTAL REPAIR PROGRAM

The Environmental Repair Fund was created by the State of Wisconsin in 1983, to correct environmental pollution caused by uncontrolled hazardous waste. The Department of Natural Resources is currently using the state's Environmental Repair Fund and the Superfund, to achieve clean up at sites considered to be a risk to human health and the environment. The WDNR has established a hazard ranking list of such sites based upon the degree of risk to human health and the environment.

Upon conducting a search of WDNR records, it was noted that no Environmental Repair Fund sites exist in the project area.

4.3 SOIL CONDITIONS

A site assessment was conducted at the property in 1990. Soil and groundwater test results indicated elevated levels of petroleum products in the central portion of the property. Two recovery wells and a vapor extraction system were installed to remediate the petroleum contamination. The system is still operational today.

There currently is a pile of thermally treated soil on the western portion of the property. Although this soil has been treated, it is recommended that the soil be moved to another portion of the property.

Three soil samples were collected from soil borings performed on the western portion of the property. Soil quality test results indicate the diesel and gasoline levels are below the detection limits in the vicinity of the soil borings.

Soil and groundwater test results collected this October and in 1990, did not indicate petroleum contamination on the western portion of the property. However, the last round of groundwater samples collected at the site indicated a low level of gasoline constituents in monitoring well MW-6. Due to the proximity of monitoring well MW-6 to the western portion of the property, there is a possibility that this area has been impacted by slightly contaminated groundwater. However, the operation of recovery well RW-2 should remove contaminated groundwater in this region. We recommend that water samples be collected from wells MW-6 and RW-6 to be analyzed for GRO and PVOCs.

SECTION V. CONCLUSIONS AND RECOMMENDATIONS

5.1 CONCLUSIONS

A Phase II environmental assessment has been conducted to evaluate the environmental conditions on the western portion of 2575 S. Main Street, Cross Plains, Wisconsin. Current and past land uses at the property appear to have contaminated the subsurface environment. However, the western portion of the property does not appear to have been impacted. According to the data collected from the three test borings, the near surface soil on the western portion of the property have not been affected by the use of the underground storage tanks. There may be a slight impact in the groundwater which will be remediated by the operation of the recovery wells.

5.2 RECOMMENDATIONS

It is recommended that the treated soil be moved off of the western portion of the property.

We also recommend that the wells RW-2 and MW-6 are sampled and analyzed for GRO and PVOCs.

5.3 CLOSURE

This report has been prepared for the exclusive use of our client, Darshan Wisconsin Properties Four, for an evaluation of the site, and contamination assessment. It should be noted that this report and enclosed check list are pertinent only for the western portion of the property outlined in Figure 2.

This report has been prepared in accordance with generally accepted contamination assessment practices and makes no other warranties, either expressed or implied as to the professional advice provided under the terms of the agreement between the Engineer and his client included in the report.

SECTION V. REFERENCES

1. Site Assessment Guidelines, Prepared by Wisconsin Department of Natural Resources

2. Earl L. Skinner and Ronald G. Borman Water Resources of Wisconsin-Lake Michigan Basin, Hydrogeologic Atlas HA-432, Published by the U.S. Geological Survey, Washington, D.C., 1973.

Appendix A

Soil Boring Logs

LOG OF TEST BORING

Project Dhaliwal Properties 4 Wisconsin

Location 2575 S. Main Street, Cross Plains, WI

Soil Testing Firm Exploration Technology

Boring No. TH-1

Surface Elevation

Project No 4005

Sheet 1 of 1

SAMPLE						VISUAL CLASSIFICATION AND REMARKS	SOIL PROPERTIES				
RECOVERY			MOISTURE				HNU	PVOC's	GRO	DRO	LEAD
No	Type	↓	↓	N	Depth		(ppm.)	(ppm)	(ppm.)	(ppm.)	(ppm.)
1	SS	5"	M	>73	2.5	FILL - Mixture of sand, gravel and silt, brown, dry to moist	BK				
2	SS	8"	M	3	5.0		BK				
3	SS	9"	M	4	7.5		BK				
4	SS	12"	S	3	10.0	8.0' SILTY CLAY (CL) - Soft, brown, saturated, many pebbles present	BK		<10	<1	
5	SS	15"	S	37	12.5	11.0' SILTY, SANDY GRAVEL (GM) - Dense, brown, saturated, coarse to very coarse grained sand	BK				
5	SS	14"	S	32	15.0	15.0' End of boring at 15.0' below grade Note: Boring was abandoned in accordance w/ NR 141.25	BK				

WATER LEVEL OBSERVATIONS

While Drilling 9.5' Below grade

Depth to Water

GENERAL NOTES

Start 10-13-93 Complete 10-13-93

Crew Chief Rig Dietrich D-120

Drilling Method HSA, ASTM D1452 & D1586

K. SINGH & ASSOCIATES, INC.

LOG OF TEST BORING

Project Dhaliwal Properties 4 Wisconsin
Location 2575 S. Main Street, Cross Plains, WI
Soil Testing Firm Exploration Technology

Boring No. TH-2
Surface Elevation
Project No 4005
Sheet 1 of 1

SAMPLE						VISUAL CLASSIFICATION AND REMARKS	SOIL PROPERTIES				
RECOVERY		↓	MOISTURE ↓				HNU	PVOC's	GRO	DRO	LEAD
No	Type			N	Depth		(ppm.)	(ppm)	(ppm.)	(ppm.)	(ppm.)
1	SS	11"	M	10	2.5	Top 1.5' Topsoil SILTY CLAY (CL) - Medium stiff to stiff, brown to grey, moist	BK				
2	SS	12"	M	7	5.0		BK				
3	SS	14"	M	8	7.5		BK				
4	SS	16"	M	30	10.0	----------9.0' GRAVELLY SAND (SP) - Dense, brown, moist, medium grained sand, trace silt and clay	BK				
5	SS	14"	S	34	12.5	----------10.5' SILTY, SANDY GRAVEL (GM) - Dense, brown, saturated, coarse to very coarse grained sand	BK		<10	<3	
6	SS	14"	S	82	15.0	----------13.0' SILTY SAND (SM) - Very dense, brown, saturated, medium grained sand, pebbles present	BK				
						----------15.0' End of boring @ 15.0' below grade Note: Boring was abandoned in accordance with NR 141.25					

WATER LEVEL OBSERVATIONS

While Drilling 11.5' Below grade
Depth to Water

GENERAL NOTES

Start 10-13-93 Complete 10-13-93
Crew Chief Rig Dietrich D120
Drilling Method HSA, ASTM D1452 & D1586

K. SINGH & ASSOCIATES, INC.

LOG OF TEST BORING

Project Dhaliwal Properties 4 Wisconsin

Location 2575 S. Main Street, Cross Plains, WI

Soil Testing Firm Exploration Technology

Boring No. TH-3

Surface Elevation

Project No 4005

Sheet 1 of 1

SAMPLE						VISUAL CLASSIFICATION AND REMARKS	SOIL PROPERTIES				
RECOVERY		↓	MOISTURE ↓				HNU	PVOC's	GRO	DRO	LEAD
No	Type			N	Depth		(ppm.)	(ppm)	(ppm.)	(ppm.)	(ppm.)
1	SS	4"		>50	2.5	Top 1.5' Topsoil FILL - Mixture of silt and clay, moist to wet, many cobbles and boulders encounted from 0.5 to 5.5' below grade	BK				
2	SS	5"		88	5.0		1				
3	SS	12"	W	9	7.5	----------5.5' SILTY CLAY (CL) - Medium to stiff to stiff, brown, moist to wet	BK				
4	SS	2"	W	20	10.0		BK				
5	SS	14"	S	36	12.5	----------10.5' SILTY, SANDY GRAVEL (GM) - Dense brown saturated, coarse to very coarse grained sand	BK		<10	<3	
6	SS	15"	S	32	15.0		BK				
						----------15.0' End of Boring at 15.0' below grade Note: boring was abandoned in accordance with NR 141.25					

WATER LEVEL OBSERVATIONS

While Drilling 10.5' below grade

Depth to Water

GENERAL NOTES

Start 10-13-93 Complete 10-13-93

Crew Chief _____ Rig Dietrich D-120

Drilling Method HSA, ASTM D1452 & D1586

K. SINGH & ASSOCIATES, INC.

Appendix B

Soil Quality Test Results

[redacted]

Engineering and Environmental Management Consultants

State of Wisconsin
partment of Natural Resources

1135 Legion Drive, Elm Grove, Wisconsin 53122 (414) 821-1171 Fax (414) 821-1174

CHAIN OF CUSTODY RECORD
LUST PROGRAM
Form 4400-151

: This form is required by the Department of Natural Resources for LUST sites in compliance with ch. NR 500-540, NR 158 and NR 419, Wis. Adm. Code

ple Collector(s)	Title	Telephone # (including Area Code)	Report To
Bret Swenson	Staff Hydrogeologist	(414) 821-1171	Ravi Narayanan

erty Owner	Property Address	Telephone # (including Area Code)	Project #
Zurshan Wisconsin Properties 4 Inc.	2575 S. Main St. Cross Plains, WI	(414) 242-4900	4005

I hereby certify that I received, properly, and disposed of these samples as noted below:

Lab. Name Swanson Environmental

quished By (Signature)	Date/Time	Received By (Signature)
[signature]	10/14/93 3:23	[signature]
quished By (Signature)	Date/Time	Received By (Signature)
quished By (Signature)	Date/Time	Received By (Signature)

Temperature of temperature blank: _____

If samples were received on ice and there was ice remaining, you may report the temperature as "received on ice". If all of the ice was melted, the temperature of the melt may be substituted for the temperature blank.

I.D. ber	Date Collected	Time Collected	Samples Type(1)	Samples Device	Location/Description (see footnote2)	GRO	DRO	# / Type of Container ~~HNO3~~ MeOH	HCl	H_2SO_4	Unpres.	Lab ID No.	Sample Condition: Cracked /Broken	Improperly Sealed	Good Condition	Other Comment
	10/13/93	1:00	S	Split Spoon	TH-3, S-5, 11'-12.5'	✓	✓	1			2					
	10/18/93	2:00	S	"	TH-2, S-5 11'-12.5'	✓	✓	1			2					
	10/13/93	3.00	S	"	TH-1, S-4 8.5'-10'	✓	✓	1			2					

cify Groundwater (GW), Surface Water (SW), Soil (S), Sludge (SL), Air (A), etc.
nple description must clearly correlate the sample ID. to the sampling location.

DEPARTMENT USE / OPTIONAL FOR SOIL SAMPLES

sition of unused portion of sample
Laboratory shouls:

☐ Dispose ☐ Retain for _____ day
☐ Return ☐ Other

DEPARTMENT USE ONLY

Split samples: Offered ? ☐ Yes ☐ No
Accepted ? ☐ Yes ☐ No

Accepted By: _____
Signature

SWANSON ENVIRONMENTAL INC.

3150 North Brookfield Road
Brookfield, Wisconsin 53045
telephone (414) 783-6111
FAX (414) 783-5752

WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B4603

K. Singh & Associates, Inc.
1135 Legion Drive
Elm Grove, WI 53122

Attn: Mr. Ravi Narayanan
Project #4005

DATE: November 5, 1993
PURCHASE ORDER:
SEI NO: WL7802
DATE COLLECTED: 10/13/93
DATE RECEIVED: 10/14/93

Matrix: Soil
Source: Darshan Wisconsin Properties 4, Inc.

DATE EXTRACTED
DRO - 10/14/93

Units: mg/kg (ppm)

DATE ANALYZED
GRO - 10/27/93
DRO - 10/27/93

		SEI ID	7802-1	7802-2
		Sample ID	TH-3 S-5 11-12.5'	TH-2 S-5 11-12.5'
DNR #	Analyte	PQL		
	WDNR Modified Method GRO			
78920	GRO	10	<10	<10
	WDNR Modified Method DRO			
78919	DRO	1	<1	<3*

Samples received "on ice"

* Elevated detection level due to matrix interference; a 3x dilution necessary.

SWANSON ENVIRONMENTAL INC.

3150 North Brookfield Road
Brookfield, Wisconsin 53045
telephone (414) 783-6111
FAX (414) 783-5752

WDNR Certification #268181760

ANALYTICAL REPORT

REPORT NUMBER: B4603

K. Singh & Associates, Inc.
1135 Legion Drive
Elm Grove, WI 53122

Attn: Mr. Ravi Narayanan
Project #4005

DATE: November 5, 1993
PURCHASE ORDER:
SEI NO: WL7802
DATE COLLECTED: 10/13/93
DATE RECEIVED: 10/14/93

Matrix: Soil
Source: Darshan Wisconsin Properties 4, Inc.

Units: mg/kg (ppm)

	SEI ID	7802-3
		TH-1 S-4
	Sample ID	8.5-10'
DNR #	Analyte	
	WDNR Modified Method GRO	
78920	GRO	<10
	WDNR Modified Method DRO	
78919	DRO	<3*

Samples received "on ice"

* Elevated detection level due to matrix interference; a 3x dilution necessary.

Clark J. Crosby
Laboratory Manager

Appendix C

Air Pollution Assessment

AIR POLLUTION ASSESSMENT

		YES	NO	N/A
1.	Have all potential emission sources been identified?	✓	—	—
2,	Are permits in effect for all required emission sources?	—	—	✓
3.	Has there been any construction and/or modification of the stationary sources within the time limits of the permits or the prior audit? _	—	—	✓ —
4.	Were regulatory agencies notified of any construction and/or modification changes?	—	—	✓ —
5.	Does the plant maintain records indicating the occurrence and duration of any malfunctions during start-up, operation, or shutdown?	—	—	✓
6.	Is a written report of excess emissions submitted to the appropriate regulatory agency as required?	—	—	✓ —
7.	Was the plant required to install any continuous monitoring systems?	—	—	✓ —
8.	Has the plant been required to conduct any performance tests of air pollution control systems?	—	—	✓ —
9.	Was the air pollution test conducted under conditions specified by the regulatory agency?	—	—	✓ —
10.	Was the regulatory agency notified 30 days prior to the test?	—	—	✓
11.	Is the plant located in an area requiring prevention of significant degradation?	—	—	✓ —
12.	Is the plant required to comply with a specified opacity standard?	—	—	✓
13.	Is the plant required to comply with a specified sulfur standard?	—	—	✓
14.	Are there any sources of visible emissions that might be concealed by plant construction?	—	—	✓
15.	Are permanent files maintained at the plant for calibration, monitoring, etc.?	—	—	✓ —
16.	Are any of the following present in significant amounts in plant emissions:			
	a. Asbestos?	—	✓	—

			YES	NO	N/A
	b.	Beryllium?	—	✓	—
	c.	Mercury?	—	✓	—
	d.	Vinyl chloride?	—	✓	—
	e.	Benzene?	—	✓	—
	f.	Trichloroethylene?	—	✓	—
17.	Have procedures been established consistent with regulations for the proper handling of asbestos during demolition operations?		—	—	✓
18.	In the case of construction and/or modification, has the appropriate regulatory group approved the plant's application for air emission permits?		—	—	✓
19.	Has there been any change in air emission sources after the effective data of standards outlined in CFR 40, Part 61, National Standards for Hazardous Air Pollutants, that has required notification be submitted to regulators?		—	—	✓
20.	Does the plant operate under any waivers of compliance from a regulatory agency?		—	—	✓
21.	Are all emission testing and compliance monitoring in accordance with CFR 40, Part 61, National Standards for Hazardous Air Pollutants, and/or permit specifications?		—	—	✓
22.	Has the plant had any emissions in excess of permit limits that required reporting to the applicable regulatory agency?		—	—	✓
23.	Is the plant in compliance with emission standards for all emission sources:		—	—	✓
24.	Are there any other substances for which permit limits have been established for this plant?		—	—	✓
25.	Have reportable excursions on emission limits occurred more than:				
	a.	6 times per quarter?	—	—	✓
	b.	12 times per quarter?	—	—	✓
	c.	>12 times per quarter?	—	—	✓
26.	Does the plant have an up-to-date air pollution and emergency plan?		—	—	✓

		YES	NO	N/A
27.	Are the plant emissions and the plant location likely to contribute to international air pollution control problems?	—	—	✓
28.	Does the plant have odorous emissions that result in complaints from the general public?	—	—	✓
29.	Does the odorous emission records kept of the nature and source of the complaints?	—	—	✓
30.	Do fugitive dust emissions exit at the plant?	—	—	✓
31.	Are fugitive dust emissions from the plant a problem?	—	—	✓
32.	Have all permit applications been properly prepared and certified by a licensed professional engineer in the state where the plant is located?	—	—	✓

Appendix D

Water Pollution Assessment

WATER POLLUTION ASSESSMENT

		YES	NO	N/A
1.	Which of the following activities are conducted:			
	a. Treated wastewater discharge to surface water.	—	✓	—
	Permitted?	—	—	✓
	b. Untreated process wastewater discharge to surface waters.	—	✓	—
	Permitted?	—	—	✓
	c. UIC injection (on-site or off-site)?	—	✓	—
	d. On-site disposal (e.g., percolating beds etc.)?	—	✓	—
	Permitted?	—	—	✓
2.	Have all required applications been filled with appropriate authorities at the state, federal and local levels, and are all permits currently valid?	—	—	✓
3.	Were all applications for permits signed by authorized company officials?	—	—	✓
4.	Is the plant on compliance schedule?	—	—	✓
5.	Does the plant have a separate storm sewer system?	—	—	✓
6.	Are any wastewaters discharged into a separate storm sewer?	—	—	✓
7.	Are there any unpermitted discharges from point sources into surface waters?	—	—	✓
8.	Does the discharge from the plant contain any detectable amounts of regulated toxics?	—	—	✓ —
9.	Has the plant complied with the conditions, requirements and terms of toxic pollutants as required in 40 CFR, Part 129, Toxic Pollutant Effluent Standards?	—	—	✓ —
10.	Have samples been obtained for analyses of plant effluents for the 129 priority pollutants?	—	—	✓ —
11.	Does the plant have an approved spill prevention and control plan?	—	—	✓ —
12.	Does the plant have an oil spill contingency plan with written			

		YES	NO	N/A
	commitment of manpower, and materials to contain and remove the oil discharge?	—	—	✓
13.	Is the drainage from diked storage areas controlled or monitored to prevent a spill or excessive leakage from entering the drainage system or effluent treatment system?	—	—	✓
14.	Does the plant drainage flow into surface waters, wastewater treatment facility, and ponds, lagoons or catchment basins designed to retain oil?	—	—	✓
15.	Are any oil storage tanks used that are not compatible with the material and conditions of storage?	—	✓	—
16.	Does the site have any buried or partially buried metallic storage tanks?	—	✓	—
17.	Do maintenance schedules require periodic integrity testing of above ground tanks?	—	—	✓
18.	Does the site have any buried piping installations?	—	✓	—

Appendix E

Current UST Sites in Dane County

SITE NAME	ADDRESS	CITY	QUARTER	QUARTER	SECTION	TOWN	RANGE	PRIORITY
COUNTY: DANE (SOUTHERN DISTRICT)								
GILLETTE PROPERTY	107 W MAIN	BELLEVILLE						MODERATE
BLACK EARTH 76	HIGHWAY 14 WEST	BLACK EARTH	SE	NW	26	08N	06E	HIGH
BLACK EARTH VIL OF	1210 MILL STREET	BLACK EARTH	NW	SE	26	08N	06E	HIGH
DON'S TIRE	1030 MILL ST	BLACK EARTH	NW	SE		08N	06E	HIGH
WILLIAMS PROPERTY	9749 KAHL RD	BLACK EARTH	SW	SW				HIGH
WOODS GARAGE	1978 HWY 12 & 18	COTTAGE GROVE	SE	NW	35	09N	11E	MODERATE
DE PETROLEUM	2575 MAIN ST	CROSS PLAINS	SW	NE	03	07N	07E	HIGH
KALSCHEUR IMPLEMENT	1113 MAIN ST	CROSS PLAINS						HIGH
KWIK-TRIP,CROSS PLAINS	2508 MAIN ST	CROSS PLAINS						HIGH
PERRY TN OF	1082 HWY 78	DALEYVILLE						HIGH
PARK CORNER OIL	STH 113 & MILITARY RD	DANE	NE	NE	23	09N	08E	HIGH
DEERFIELD GTE MANHOLE	PARK & DEERFIELD STS	DEERFIELD	SE		21	07N	12E	MODERATE
WOLLIN GARAGE	COUNTY BB AND RIDGE	DEERFIELD						HIGH
DEFOREST, VIL OF	325 E HOLUM ST	DEFOREST						HIGH
GOLDEN GUERNSEY	3101 FISH HATCHERY RD	FITCHBURG	NE	SE	03	06N	09E	HIGH
NEVIN FISH HATCHERY	3911 FISH HATCHERY RD	FITCHBURG						HIGH
WMGN	3220 SYENNE RD	FITCHBURG	SE	SW	02	06N	10E	MODERATE
CENEX LAND-O-LAKES AGRONOMY CENTER	DEPOT RD	LONDON	NW	SE	25	07N	12E	HIGH
A J SWEET - W WILSON ST	639 W WILSON ST	MADISON						HIGH
AKAL INC PROPERTY	1252 WILLIAMSON ST	MADISON						HIGH
AMOCO	4501 VERONA RD	MADISON	SW	SE	32	06N	09E	HIGH
AMOCO #15286	318 S PARK ST	MADISON	SW	SW	23	07N	09E	HIGH
AMOCO #15379	484 N SHERMAN AVE	MADISON						MODERATE
AMOCO #15883	1002 WHITNEY WAY	MADISON	NE	NW	31	07N	09E	HIGH
AMOCO #15894	1415 PFLAUM RD	MADISON						HIGH
AMOCO #19689	4222 E WASHINGTON AVE	MADISON	NW	SE	28	08N	10E	HIGH
AMPI - S PARK/MADISON	1707 S PARK AVE PO BOX 9810	MADISON						MODERATE
ANDING PROPERTY/WRIGHT'S AUTO	1613 S. PARK ST.	MADISON		SE	26	07N	09E	HIGH
BADGER COACHES	2 SOUTH BEDFORD	MADISON	NW	SE	23	07N	09E	MODERATE
BARK RIVER CULVER AND EQUIPMENT CO	4301 BUCKEYE RD	MADISON						HIGH
BERNIE WETIG'S SERVICE CENTER	2421 S PARK ST	MADISON	SW	NE	35	07N	09E	HIGH
BLIED PRINTING	12 N WEBSTER	MADISON						MODERATE
BURKE TOWN OF	4016 E WASHINGTON	MADISON	SW	SE	28	08N		HIGH
CANDLIN TRUST PROPERTY	5602 SCHROEDER RD	MADISON	SE	SW	30	07N	09E	HIGH
CHICAGO NORTHWESTERN RAILROAD YARD	1890 E JOHNSON ST	MADISON						MODERATE
CHUCKS SERVICE	1337 REGENT	MADISON	SE	NW	22	07N	09E	HIGH
COMSTOCK/BC FEEDS	3816 COMMERCIAL AVE	MADISON						HIGH
CONTROL TOWER TRUCK STOP	HWY 51 AT I90	MADISON	NW	SW	05	08N	10E	HIGH
DANTINNE PROPERTY	203 N HAMILTON	MADISON						MODERATE
DANTINNE PROPERTY	126-128 N HANCOCK	MADISON						MODERATE
DE PETROLEUM	605 COTTAGE GROVE RD	MADISON	SE	NW	09	07N	10E	HIGH
DON MILLER PONTIAC EAST	801 E WASHINGTON	MADISON						MODERATE
DON MILLER PONTIAC EAST	801 E WASHINGTON	MADISON						MODERATE
DON MILLER PONTIAC EAST	811 & 823 MIFFLIN ST	MADISON	NE	SW	13	07N	09E	MODERATE

SITE NAME	ADDRESS	CITY	QUARTER	QUARTER	SECTION	TOWN	RANGE	PRIORITY
COUNTY: DANE (SOUTHERN DISTRICT) (CONTINUED)								
ERICKSON ENTERPRISES PROP	320 E BROADWAY	MADISON	SW	SW	21	07N	12E	HIGH
FIORE COAL & OIL CO - MONROE ST	2623 MONROE ST	MADISON	SW	NE	28	07N	09E	MODERATE
FIORE COMPANIES/PARK AUTO	1004 FISH HATCHERY RD	MADISON		NW	26	07N		HIGH
FIRST ST GARAGE - MADISON	200 N 1ST ST	MADISON	SW	SW	06	07N	10E	HIGH
FOREWAY EXPRESS	4402 ROBERTSON RD	MADISON	NW	SE	04	07N	10E	HIGH
FREDERICKSON PROPERTY (KEITH)	3429 HIGHWAY BB	MADISON	NW	SW	12			HIGH
GARVER FEED AND SUPPLY	3244 ATWOOD AVE	MADISON		NE	05	07N	10E	HIGH
ICE CREAM SHOP	405 DEMPSEY	MADISON	NE	SE	03	07N	10E	MODERATE
ICKE CONSTRUCTION	2642 RIMROCK RD	MADISON	SW	SW	36	07N	09E	HIGH
JEFFERSON MIDDLE SCHOOL	101 S. GAMMON RD	MADISON	SW	NW	24	07N	08E	MODERATE
KERR MCGEE	E WASHINGTON AVE	MADISON	NE	NE	13	07N		MODERATE
KICKAPOO SITE #337	4230 MESSERSCHMIDT RD	MADISON						HIGH
MADISON DAIRY PRODUCE	1002 EAST WASHINGTON	MADISON						MODERATE
MADISON FARM STRUCTURE	ATWOOD & FAIR OAKS	MADISON	W	SE	05	07N	10E	HIGH
MADISON WATER UTILITY	110 S PATERSON ST	MADISON						HIGH
MARKETPLACE	7700 E MIFFLIN ST	MADISON			13	07N	09E	HIGH
MARSHALL ERDMAN & ASSOCIATES, INC	5117 UNIVERSITY AVE	MADISON						MODERATE
MARTIN OIL	US HWY 18 AND SOUTH TOWN DR	MADISON	NE	NE	36	07N	09E	HIGH
MOBIL #05-G2L	4601 NAKOMA RD	MADISON						HIGH
MUIR HEIGHTS	RANDALL AVE	MADISON	SE	NE	22	7NN	09E	HIGH
MUIR HEIGHTS	GERRY COURT	MADISON	SW	NW	23	07N	09E	HIGH
MUNZ PROPERTY (RICHARD)	852 E JOHNSON	MADISON						HIGH
NEERLAND BROTHERS SHELL STATION	315 W BROADWAY	MADISON	SW	SE	20	07N	10E	MODERATE
OPEN PANTRY	2022 FORDEM AVE	MADISON	SE	NE	12	07N	09E	HIGH
OSBORNE PROPERTY	1204 CULMEN ST	MADISON	NW	NW	35	07N	09E	MODERATE
OSCAR MAYER	COMMERCIAL AVE	MADISON		SW	31	08N	10E	HIGH
PARK STREET CONOCO	2116 S PARK ST	MADISON	SE	NW	35	07N	09E	HIGH
PDQ	4202 MILWAUKEE ST	MADISON			04	07N	10E	HIGH
PHILLIPS 66 E WASH	4810 E WASHINGTON	MADISON						MODERATE
REYNOLDS TRANSFER & STORAGE CO.	600 BLOCK OF MIFFLIN ST	MADISON						HIGH
RICE'S FILL AND FIX 'EM	2620 MONROE ST	MADISON	NE	SW	21	07N	09E	MODERATE
RORTVEDT'S	2050 E JOHNSON ST	MADISON	NE	SW	06	07N	10E	HIGH
ROWLEY SCHILIMGEN	648 E WASHINGTON AVE	MADISON	SW	SW	13			HIGH
ROYSTER	902 DEMPSEY	MADISON	NE	SW	03	07N	10E	HIGH
SEVERANCE SITE	750 E BROADWAY	MADISON						HIGH
SINAIKO BROTHERS	15 MURRAY ST	MADISON						MODERATE
SMILES ENGLISH HAIR DESIGNS	1403 REGENT ST	MADISON	NW	SE	22	07N	09E	HIGH
STIEVE'S MOBIL STATION	3019 E WASHINGTON AVE	MADISON	NW	NW	05	07N	10E	HIGH
STRUCK IRWIN	826 WILLIAMSON ST	MADISON	SW	NW	13	07N	09E	MODERATE
TEXACO - JOHN NOLEN DR	602 JOHN NOLEN DR	MADISON	SE	SW	25	07N	09E	HIGH

SITE NAME	ADDRESS	CITY	QUARTER	QUARTER	SECTION	TOWN	RANGE	PRIORITY
COUNTY: DANE (SOUTHERN DISTRICT) (CONTINUED)								
THORSTAD CHEVROLET	1702 PARK ST	MADISON	SE	SW	26	07N	09E	MODERATE
TOM'S AUTO CLINIC	2652 E WASHINGTON AVE	MADISON						HIGH
U W MADISON/JACKSON PROPERTY	1601 LAKE MENDOTA DR	MADISON	NW	NE	16	07N		HIGH
U W PESTICIDE BLDG	2105 HERRICK DR	MADISON						HIGH
UPS - PFLAUM RD	5002 PFLAUM RD	MADISON	SW	SE	15	07N	10E	HIGH
VALVOLINE INSTANT OIL CHANGE	3594 E. WASHINGTON	MADISON	SE	NE	32	08N	10E	MODERATE
VALVOLINE INSTANT OIL CHANGE	939 S. PARK ST	MADISON	SW	NE	26	07N	09E	HIGH
WI DOT TRUAX FACILITY	3617 PIERSTORFF	MADISON						HIGH
ZIMMERMAN ESTATE (MABEL)	811 EAST JOHNSON ST	MADISON	NE	SW	13	07N	09E	HIGH
MARSHALL TOWNE LUMBER & KITCHEN INC	822 HUBBELL	MARSHALL	SE	NW	10	08N	12E	HIGH
BOLLIGS GROCERY & SERVICE STATION	430 BRODHEAD ST	MAZOMANIE	SW	NW	16	08N	06E	HIGH
BISBEE PROPERTY (DAVID)	6009 US HWY 51	MCFARLAND	SW	NW	03	06N	10E	HIGH
GREAT PLAINS GAS	4117 TERMINAL DR	MCFARLAND	NE	SW	27	07N	10E	HIGH
INFORMATION CENTER TAVERN	2655 HWY 51	MCFARLAND	SE	SE	09	06N	10E	HIGH
KESSENICH'S STORE	4701 BURMA RD	MCFARLAND						MODERATE
KWIK TRIP #766	4701 FARWELL ST	MCFARLAND						MODERATE
LARSON PARK	EXCHANGE ST & FARWELL	MCFARLAND						HIGH
MCFARLAND MOTORS	5907 S STOUGHTON RD	MCFARLAND	NE	SW	03	06N	10E	HIGH
MCFARLAND,VILLAGE OF	5915 MILWAUKEE ST	MCFARLAND	SE	NE	03	06N	10E	HIGH
SCHWERMAN TRUCKING	4414 TERMINAL DR	MCFARLAND	NW	NW	34	07N	10E	HIGH
AMOCO #15375	6504 UNIVERSITY AVE	MIDDLETON						MODERATE
HAACK'S AUTO REPAIR	5430 CENTURY AVE	MIDDLETON	NE	SW	06	07N	09E	HIGH
LYCON INC	8125 UNIVERSITY AVE	MIDDLETON						MODERATE
MCHUGH PROPERTY	6660 UNIVERSITY AVE	MIDDLETON						MODERATE
MIDDLETON MOTORS	7725 UNIVERSITY AVE	MIDDLETON						MODERATE
MIDWEST POOL	1524 W BELTLINE HWY	MIDDLETON			10	07N	08E	MODERATE
MOUNDS AGRI SERVICE	8309 UNIVERSITY AVE	MIDDLETON	NW	SW	11	07N	08E	HIGH
NELSON'S SERVICE	6605 UNIVERSITY AVE	MIDDLETON						MODERATE
SHAW PROPERTY (ROBERT)	ALLEN BLVD & LAKE ST	MIDDLETON	NE	NE	12	07N	08E	HIGH
AMOCO #18700	124 BROADWAY	MONONA						HIGH
MAYWOOD ELEMENTARY	902 NICHOLS RD	MONONA						MODERATE
MIKE'S LAKE EDGE MOBIL	3900 MONONA DR	MONONA	NW	SW	09	07N		MODERATE
PDQ	2402 WEST BROADWAY	MONONA	SW	SE	19	07N		HIGH
OIMOEN UNION 76	519 SPRINGDALE ST	MT HOREB	SW	SW	12	06N	6EE	MODERATE
GWIZDALA PROPERTY	611 N BURR OAK AVE	OREGON						MODERATE
MADISON PREHUNG DOORS & PREFINISHIN	4775 CO TRUNK B	OREGON	SE	SE	24	06N	09E	MODERATE
TEMPLETON HOME	6904 COUNTY TRUNK PB	PAOLI	SE	SE	03	05N	08E	MODERATE
JIFFY STOP INC	I 90 & CTH N	STOUGHTON	SW	NE	09	06N	11E	HIGH
SUNNYSIDE RESORT	3097 SUNNYSIDE ST	STOUGHTON						MODERATE
AMOCO #18698	626 W MAIN	SUN PRAIRIE						HIGH
BROOKS TRACTOR	1900 W MAIN ST	SUN PRAIRIE						HIGH
CAPITAL AIR SYSTEMS	3444 CAPITAL DRIVE	SUN PRAIRIE		NE	23	08N	10E	MODERATE
CLARK OIL	MAIN & WALKER ST	SUN PRAIRIE				08N		HIGH
DON'S SERVICE	402 EAST MAIN ST	SUN PRAIRIE						HIGH

SITE NAME	ADDRESS	CITY	QUARTER	QUARTER	SECTION	TOWN	RANGE	PRIORITY
COUNTY: DANE (SOUTHERN DISTRICT) (CONTINUED)								
KUNN PROPERTY (ROBERT)	328 E MAIN ST	SUN PRAIRIE						HIGH
MOBIL	1010 DAVIDSON DR	SUN PRAIRIE	SE	SW	06	08N	11E	HIGH
STOKELY USA SUN PRAIRIE	151 MARKET	SUN PRAIRIE		SE	05	08N	11E	HIGH
WISCONSIN CHEESEMAN	301 BROADWAY	SUN PRAIRIE						HIGH
DOT PROPERTY	HWY 19	TOKEN CREEK						MODERATE
MOBIL	101 EAST VERONA RD	VERONA	NW	SE	15	06N	10E	HIGH
SUBURBAN II MOTORS	HWY 18 & CO HWY M	VERONA	NE	SW	15	06N	08E	HIGH
VERONA TOWN GARAGE	335 N NINE MOUND RD	VERONA			15	06N	08E	HIGH
MOBIL WINDSOR	I 90 & HWY 19	WINDSOR	SW	SW	32	09N		MODERATE
ROSKE PROPERTY-HWY 19	HWY 19	WINDSOR	SW	SE	31	09N	10E	HIGH
WI DOT TOKEN CREEK	HWY 19 & PORTAGE RD	WINDSOR						MODERATE
COUNTY: DODGE (SOUTHERN DISTRICT)								
RALPH'S TOWING & SALES	N602 STH 67	ASHIPPUN						HIGH
BAY MARINA INC	W9276 HWY G	BEAVER DAM	SW	SW	05	11N	14E	HIGH
BEAVER DAM BUS STATION	205 S CENTER ST	BEAVER DAM	SE	NW	04	12N	14E	MODERATE
BEAVER DAM MUNICIPAL GARAGE	640 S CENTER ST	BEAVER DAM	NW	SW	04	11N	14E	HIGH
COCA-COLA BOTTLING	520 E BURNETT ST	BEAVER DAM						MODERATE
DODGE COUNTY MOTORS	207 SOUTH CENTER STREET	BEAVER DAM						HIGH
FRANK'S MUFFLER SHOP	116 MADISON ST	BEAVER DAM						HIGH
KUZNIEWICZ PROPERTY (KARLA)	N7100 MARLOW RD	BEAVER DAM	SW	NW	05	11N	14E	HIGH
KWIK TRIP	CTY G & BUS 151	BEAVER DAM	NE	NW	08	11N	14E	HIGH
LUNDE OIL CO INC	817 PARK AVE	BEAVER DAM	NE	NW	03	11N	14E	HIGH
SCHMITTY'S SERVICE	326 S SPRING ST	BEAVER DAM	SE	NW	04	11N	14E	MODERATE
TAYLOR RENTAL	1321 NORTH SPRING ST	BEAVER DAM						MODERATE
WERNER PROPERTY (WALTER)	N9044 BASSWOOD RD	BEAVER DAM	NE	SE	12	12N	14E	HIGH
WP&L BEAVER DAM DISTRICT BLDG	120 EAST MAPLE AVE	BEAVER DAM		NE	04	12N	14E	MODERATE
COREY OIL COMPANY	618 LUDINGTON ST(HWY 151)	COLUMBUS						HIGH
KICKAPOO SERVICE STATION	305 BARSTOW ST	HORICON	NE	SW	06	11N	16E	HIGH
TAB PRODUCTS CO	626 S HUBBARD ST	HORICON	SW	SE	06	11N	16E	HIGH
VIC'S AUTO BODY	504 WASHINGTON AVE	HORICON						HIGH
BETHANY LUTHERAN SCHOOL	280 N RIDGE	HUSTISFORD	NE	SE	09	10N	16E	MODERATE
DODGE COUNTY COOP	210 PLEASANT ST	IRON RIDGE						HIGH
UNIVERSAL FOODS CORP.	330 S MILLS ST	JUNEAU						HIGH
JOHN WEYER TRUCKING	824 MILWAUKEE ST	LOMIRA			15	13N	17E	HIGH
QUADGRAPHICS	952 BADGER ROAD	LOMIRA		NE	03	13N	17E	MODERATE
HEIM PROPERTY (FRED)	445 S RIVER	LOWELL	NW	SE	15	10N	14E	HIGH
HENNIG SERVICE STATION	203 HORICON ST	MAYVILLE	SE	NE	23	12N	16E	HIGH
PILLSBURY CO	500 S CLARK ST	MAYVILLE						MODERATE

Appendix F

Active and Abandoned Landfill Sites in Dane County

ACTIVE AND ABANDONED LANDFILLS IN WISCONSINN

DNR DIST.	COUNTY	FACILITY NAME	LOCATION TOWN/CITY	ADDRESS/LEGAL DESCRIPT.	ID NUM.	INFORMATION SOURCE
SD	COLUMBIA	R J MOLONY (SHAMROCK BAR)	WEST POINT	S07 10N 08E	POST-REG	CO FILES BUREAU
SD	COLUMBIA	BEARD PLUMBING	WISC DELLS	BROADWAY RD	POST-REG	CO FILES BUREAU
SD	COLUMBIA	VIL PARDEVILLE	WYOCENA	S15 12N 10E	844 TEMP	LIC LOG 1970
SD 6	DANE	VIL DEFOREST		S18 09N 10E	POST-REG	CENTRAL FILES
SD	DANE	DONALD BARBER LF		BAYVIEW MOBILE HM CT	POST-REG	UNLIC. SITE LOG
SD	DANE	CTY MONONA		S26 07N 10E	POST-REG	CO FILES BUREAU
SD	DANE	GUS OBERG'S BAR	ALBION	NW SE S25 05N 12E	2731 TEMP	INACT FILE 2/84
SD 7	DANE	OLD TN ALBION DUMP	ALBION	NE NE S23 05N 12E	PRE-REG	SD FILES
SD	DANE	VIL BELLEVILLE	BELLEVILLE	SE SE S34 05N 08E	79 TEMP	LIC LOG 1970
SD	DANE	TN BERRY	BERRY	SE SE 22 08N 07E	1927	ACTIVE SITE
SD	DANE	TN BERRY	BERRY	S25 08N 07E	285 TEMP	LIC LOG 1970
SD	DANE	VIL CROSS PLAINS	BERRY	SW NE 26 08N 07E	64	ACTIVE SITE
SD	DANE	VIL BLACK EARTH	BLACK EARTH	FIREMAN'S PARK	PRE-REG	PUBLIC
SD	DANE	VIL BLACK EARTH	BLACK EARTH	SCHOOL PLAYGROUND	PRE-REG	PUBLIC
SD	DANE	TN BLOOMING GROVE 1954-60	BLOOMING GROVE	NW NW S13 07N 10E	PRE-REG	NEWS PAPER
SD	DANE	TN BLOOMING GROVE	BLOOMING GROVE	SW NE 12 07N 10E	569	ACTIVE SITE
SD	DANE	MIDWEST STEEL CO INC	BLOOMING GROVE	NE SW S15 07N 10E	2528 TEMP	INACT FILE 2/84
SD	DANE	NUTRI-FEED CORP	BLOOMING GROVE	SW S31 07N 10E	2631 TEMP	INACT FILE 2/84
SD	DANE	D & M CONSTRUCTION	BLOOMING GROVE	NW S13 07N 12E	POST-REG	CO FILES BUREAU
SD	DANE	CNTY DANE LANDFILL #2-RODEFELD	BLOOMING GROVE	NE 25 07N 10E	3018	ACTIVE SITE
SD	DANE	TERRA ENGR & CONSTR CORP	BLOOMING GROVE	NE NW 15 07N 10E	1912	ACTIVE SITE
SD	DANE	VIL MOUNT HOREB	BLUE MOUNDS	SE SE S14 06N 06E	1329 TEMP	INACT FILE 2/84
SD 7	DANE	VIL MT HOREB	BLUE MOUNDS	SW S10 06N 06E	PRE-REG	DANE CO PLANNING
SD	DANE	BRIGHAM FARM	BLUE MOUNDS	SW SW S05 06N 06E	POST-REG	CO FILES BUREAU
SD	DANE	BLUE MOUNDS STATE PARK	BLUE MOUNDS	NEAR ENTRANCE	PRE-REG	PUBLIC
SD	DANE	ECKEL SANITARY SERVICE 69-70	BRISTOL	NE S34 09N 11E	PRE-REG	NEWS PAPER
SD	DANE	TN BRISTOL	BRISTOL	NE SW 05 09N 11E	579	ACTIVE SITE
SD	DANE	DUMP SITE	BROOKLYN	SW NW S31 05N 10E	PRE-REG	KELLY MCCANN
SD	DANE	MRS LEONA GERKE	BURKE	SE SE S27 08N 10E	2632 TEMP	INACT FILE 2/84
SD	DANE	TN BURKE	BURKE	NE SE 23 08N 10E	1127	ACTIVE SITE
SD	DANE	VIL MAPLE BLUFF	BURKE	SE SW 18 08N 10E	166	ACTIVE SITE
SD	DANE	OTTO ZERWICK	BURKE	NELSON RD	POST-REG	CO FILES BUREAU
SD 7	DANE	FINDORFF DEMO LF	BURKE	NE S19 08N 10E	POST-REG	SD FILES
SD	DANE	RTRV PARTNERSHIP LANDFILL	BURKE	SE 28 08N 10E	2529	ACTIVE SITE

ACTIVE AND ABANDONED LANDFILLS IN WISCONSINN

DNR DIST.	COUNTY	FACILITY NAME	LOCATION TOWN/CITY	ADDRESS/LEGAL DESCRIPT.	ID NUM.	INFORMATION SOURCE
SD	DANE	MADISON PRAIRIE DEMOLITION LF	BURKE	NE NE 23 08N 10E	2918	ACTIVE SITE
SD 7	DANE	H SAMUELS-MIDWEST STEEL	BURKE	SE NE S33 08N 10E	POST-REG	SD FILES
SD	DANE	RUSS DARROW INC	BURKE	SW SE S28 08N 10E	2682 TEMP	INACT FILE 2/84
SD	DANE	BOB BIRKREM	CHRISTIANA	NE SE S05 06N 12E	POST-REG	CO FILES BUREAU
SD 7	DANE	OLD TN CAMBRIDGE DUMP	CHRISTIANA	NW S29 06N 12E	PRE-REG	DANE CO SW PLAN
SD	DANE	MELSTER CANDY KITCHENS LF	CHRISTIANA	NW NE S12 06N 12E	POST-REG	UNLIC. SITE LOG
SD 7	DANE	IRVING SMITH FILL	COTTAGE GROVE	NW NE S04 17N 11E	PRE-REG	SD FILES
SD 5	DANE	HYDRITE CHEM CO	COTTAGE GROVE	NW NE S16 07N 11E	WID000808824	ERRIS 84
SD	DANE	FRED SCHROEDER	COTTAGE GROVE	SW SW S16 07N 11E	POST-REG	CO FILES BUREAU
SD	DANE	TN CROSS PLAINS	CROSS PLAINS	SE SW S20 07N 07E	325 TEMP	INACT FILE 2/84
SD	DANE	TRANSPORT GAS STATION	CROSS PLAINS	MAIN ST	PRE-REG	JERRY BRUNNER
SD	DANE	VALLEY ST BREWERY	CROSS PLAINS	VALLEY ST	PRE-REG	JERRY BRUNNER
SD 7	DANE	TN DANE LF	DANE	NE S04 09N 08E	PRE-REG	DANE CO SW PLAN
SD	DANE	VIL DANE	DANE	NW SE 24 09N 08E	1142	ACTIVE SITE
SD	DANE	TN DANE	DANE	SW NW 35 09N 08E	335	ACTIVE SITE
SD 7	DANE	OLD VIL DANE LF	DANE	NE NW S24 09N 08E		DANE CO SW PLAN
SD	DANE	ZICKERT FARM	DEERFIELD	4045 BANNON RD	POST-REG	CO FILES BUREAU
SD	DANE	VIL DEERFIELD	DEERFIELD	SW SW S22 07N 12E	8 TEMP	INACT FILE 2/84
SD	DANE	THOMPSON STATE CAMP	DEERFIELD	SE SW S35 07N 12E	492 TEMP	LIC LOG 1970
SD	DANE	TN DEERFIELD	DEERFIELD	SW SE 27 07N 12E	1095	ACTIVE SITE
SD	DANE	ORRIN HAGEN FARM	DUNKIRK	NE SW S10 05N 11E	WID980610059	ERRIS 10-20-83
SD	DANE	CTY STOUGHTON	DUNKIRK	NW SW S04 05N 11E	133 TEMP	INACT FILE 2/84
SD	DANE	THOMAS MATSON (DEMO)	DUNKIRK	NW SW S10 05N 11E	POST-REG	CO FILES BUREAU
SD	DANE	ARLO LADELL (T & H)	DUNN	NW NW S29 06N 10E	WID980610125	ERRIS 10-20-83
SD	DANE	HOLTZMAN CO	DUNN	SE SE 06 06N 10E	247	ACTIVE SITE
SD	DANE	TN DUNN	DUNN	NE NW 21 06N 10E	1871	ACTIVE SITE
SD	DANE	WASTE MGT OF WI-CITY DISPOSAL	DUNN	SE NE S30 06N 10E	37 TEMP	INACT FILE 2/84
SD 7	DANE	SCHUEPBACH LF	FITCHBURG	NW S01 06N 09E		DANE CO
SD	DANE	OREGON STATE FARM	FITCHBURG	SE NE S10 06N 09E	246 TEMP	AREA FILES
SD	DANE	WISC BRICK & BLOCK (DEMO)	FITCHBURG	NE SW S07 06N 09E	POST-REG	CO FILES BUREAU
SD	DANE	WISC SCHOOL FOR GIRLS	FITCHBURG	NE SE S26 06N 09E	518 TEMP	LIC LOG 1970
SD	DANE	HAMMERSELY CONST CO	FITCHBURG	SE SW S02 06N 09E	ONE-TIME	CO FILES BUREAU
SD 7	DANE	MADISON CRUSHING CO.	FITCHBURG	NW SE S01 06N 09E	POST REG	DANE CO SW PLAN
SD	DANE	KIETH HAMMERSLEY JR	FITCHBURG	SE SW S07 06N 09E	1128 TEMP	LIC LOG 1970

ACTIVE AND ABANDONED LANDFILLS IN WISCONSINN

DNR DIST.	COUNTY	FACILITY NAME	LOCATION TOWN/CITY	ADDRESS/LEGAL DESCRIPT.	ID NUM.	INFORMATION SOURCE
SD	DANE	NEVIN HATCHERY DNR	FITCHBURG	SE NE S10 06N 09E	831 TEMP	LIC LOG 1970
SD	DANE	CTY FITCHBURG	FITCHBURG	NE SW S18 06N 09E	PRE-REG	PUBLIC
SD	DANE	CTY MADISON 1953-69	MADISON	MADISON SQUARE	PRE-REG	NEWS PAPER
SD	DANE	MADISON GAS & E 1941-44	MADISON	SE S12 07N 09E	PRE-REG	DANE CO SW PLAN
SD	DANE	CTY MADISON BURR JONES FIELD	MADISON	NW S07 07N 10E	PRE-REG	NEWS PAPER
SD	DANE	CTY MADISON-OLIN AV LF	MADISON	NW SW S25 07N 09E	305 TEMP	CTY ENG 3-24-87
SD 7	DANE	GARVER SUPPLY LF	MADISON	NW SE S05 07N 10E		SD FILES
SD	DANE	CTY MADISON OLBRICH PK	MADISON	SE S05 07N 10E	PRE-REG	NEWS PAPER
SD	DANE	GILOMEN TRUCK & EQUIPMENT	MADISON	SW SE S33 08N 10E	POST-REG	CO FILES BUREAU
SD	DANE	CTY MADISON	MADISON	YAHARA HILLS GOLF C		PUBLIC
SD	DANE	CTY MADISON - LAKEVIEW SAN	MADISON	NE SW S25 08N 09E		PUBLIC
SD	DANE	CTY MADISON-ST MARY'S PK LOT	MADISON	NE S27 07N 09E	PRE-REG	PUBLIC
SD	DANE	HY-HO SILVER INC	MADISON	4602 TOMPKINS DR	WID980610596	ERRIS 10-20-83
SD	DANE	LENNES SCHLOBOHM (DEMO)	MADISON	NE NW S36 07N 09E	POST-REG	CO FILES BUREAU
SD	DANE	MADISON CRUSHING & EXCAVATION	MADISON	SE SW S33 08N 10E	672 TEMP	AREA FILES
SD 7	DANE	UNIV OF WISC-PICNIC PT	MADISON	NE NE S16 13N 09E	PRE-REG	SD FILES
SD	DANE	CTY MADISON (DEMETRAL 1952-67)	MADISON	NE NW S06 07N 10E	1967 TEMP	CTY ENG 3-24-87
SD 7	DANE	L. A. O. MACHINE SHOP	MADISON	SE SW S22 07N 10E	POST-REG	SD FILES
SD	DANE	CTY MADISON-SYCAMORE BRUSH	MADISON	SW NW S34 08N 10E	304 TEMP	INACT FILE 2/84
SD	DANE	CTY MADISON-BOWMAN FIELD	MADISON	SW SW S26 07N 09E	PRE-REG	CTY MADISON
SD	DANE	CTY MADISON-OLD BRICKYARD	MADISON	SW SE S17 07N 09E	PRE-REG	DANE CO SW PLAN
SD	DANE	CTY MADISON	MADISON	ODANA HILLS GOLF C		PUBLIC
SD	DANE	ICKE CONST. (ASH SITE)	MADISON	NW SW S36 07N 09E	2041 TEMP	STATUS LOG
SD	DANE	CTY MADISON-SYCAMORE SITE	MADISON	NW SW S34 08N 10E	1935 TEMP	INACT FILE 2/84
SD	DANE	CTY MADISON LAW PK 41-46	MADISON	NW S24 07N 09E	PRE-REG	NEWS PAPER
SD	DANE	CTY MADISON	MADISON	S31 07N 10E	306 TEMP	LIC LOG 1970
SD	DANE	COYLE INC	MADISON	NE NW S36 07N 09E	POST-REG	CO FILES BUREAU
SD	DANE	MENDOTA STATE HOSPITAL	MADISON	NE S32 08N 09E	NONE	CO FILES BUREAU
SD	DANE	CTY MADISON (MINERAL PT)	MADISON	NE SW S24 07N 08E	303 TEMP	LIC LOG 1970
SD 7	DANE	CTY MADISON LAKESIDE	MADISON	NW NW S25 07N 09E	PRE-REG	DANE CO SW PLAN
SD	DANE	STEWART WATSON (DEMO)	MADISON	NW S02 06N 09E	POST-REG	CO FILES BUREAU
SD	DANE	CTY MADISON-GREENTREE HILLS	MADISON	SW NW S36 07N 08E	1714 TEMP	INACT FILE 2/84
SD	DANE	UNIV WISC-UNIV BAY 1968-71	MADISON	SW NE S16 07N 09E		CTY ENG 3-24-87
SD	DANE	GOBEN CARS INC	MADISON	SW SE S21 07N 10E	POST-REG	CO FILES BUREAU

ACTIVE AND ABANDONED LANDFILLS IN WISCONSINN

DNR DIST.	COUNTY	FACILITY NAME	LOCATION TOWN/CITY	ADDRESS/LEGAL DESCRIPT.	ID NUM.	INFORMATION SOURCE
SD 7	DANE	CTY MADISON FIORE PLAT	MADISON	NW SW S26 07N 09E	PRE-REG	DANE CO SW PLAN
SD	DANE	CTY MADISON TRUAX FIELD	MADISON	NE S31 08N 10E		NEWS PAPER
SD	DANE	HARP & KETTLE CHEESEHOUSE	MADISON	NW S28 07N 10E	POST-REG	CO FILES BUREAU
SD	DANE	DEBECK LDFL	MAZOMANIE	SE S03 08N 06E	WID980678197	ERRIS 10-20-83
SD	DANE	VIL MAZOMANIE	MAZOMANIE	SE NE S18 08N 06E	POST-REG	CO FILES BUREAU
SD	DANE	TN BLACK EARTH	MAZOMANIE			LIC LOG 1970
SD	DANE	VIL PRAIRIE DU SAC	MAZOMANIE	NW SE S13 09N 06E		PUBLIC
SD 7	DANE	TN MAZOMANIE LF	MAZOMANIE	SE SE S06 08N 06E		DANE CO SW PLAN
SD	DANE	AUGUST SHEMANEK	MAZOMANIE	S1/2 S22 09N 06E	POST-REG	CO FILES BUREAU
SD	DANE	WICK BLD SYSTEMS (DEMO)	MAZOMANIE	NE NE S17 08N06E	480 TEMP	LIC LOG 1970
SD	DANE	CTY MCFARLAND 1972-75	MCFARLAND	SW SW S01 09N 09E		NEWS PAPER
SD	DANE	TN MEDINA	MEDINA	NW SW 24 08N 12E	854	ACTIVE SITE
SD	DANE	PHILLIP FREIDEL	MEDINA	NE SE S10 08N 12E	POST-REG	CO FILES BUREAU
SD	DANE	HEATHERCREST FARMS	MIDDLETON	NW NW S21 07N 08E	POST-REG	CO FILES BUREAU
SD	DANE	CTY MIDDLETON ?-1967	MIDDLETON		PRE-REG	NEWS PAPER
SD 7	DANE	HERMAN SCHNOOR	MIDDLETON	SE S25 08N 08E		DISTRICT FILES
SD	DANE	DENNIS HOWARD	MIDDLETON	SW SE S14 07N 08E	POST-REG	CO FILES BUREAU
SD	DANE	REFUSE HIDEAWAY LANDFILL	MIDDLETON	SW NW 08 07N 08E	1953	ACTIVE SITE
SD 7	DANE	PLEASANT VIEW GOLF	MIDDLETON	NW NW S15 07N 08E		DISTRICT FILES
SD	DANE	PREFINISHED MILLWORK CORP	MIDDLETON	8001 UNIVERSITY AVE	WID063524342	ERRIS 10-20-83
SD	DANE	RAY WEITZEL	MIDDLETON	SE NE S03 07N 08E	POST-REG	CO FILES BUREAU
SD	DANE	L S LUNDER CONST CO	MONONA	S28 07N 10E	407 TEMP	LIC LOG 1970
SD	DANE	GISHOLT FOUNDRY 1971-72	MONONA	NE NW S29 07N 10E		NEWS PAPER
SD	DANE	CTY MONONA	MONONA	NW NW S28 07N 10E	50 TEMP	LIC LOG 1970
SD	DANE	TN MONTROSE	MONTROSE	SE SW S01 05N 08E	757 TEMP	LIC LOG 1970
SD	DANE	VIL OREGON	OREGON	SENIOR CITIZEN CR	PRE-REG	PUBLIC
SD	DANE	VIL OREGON	OREGON	KISER PARK	PRE-REG	PUBLIC
SD	DANE	CNTY DANE HWY DEPT-ACES' PIT	OREGON	SE NW S17 05N 09E	985 TEMP	INACT FILE 2/84
SD	DANE	TN OREGON	OREGON	NE NW S17 05N 09E	576 TEMP	LIC LOG 1970
SD	DANE	TN PERRY	PERRY	NE NE 18 05N 06E	778	ACTIVE SITE
SD 7	DANE	LLOYD DORNING	PLEASANT SPRINGS	NW S06 06N 11E		DISTRICT FILES
SD	DANE	CLIFFORD SAGEN	PLEASANT SPRINGS	SW S17 05N 09E	POST-REG	CO FILES BUREAU
SD	DANE	TN PLEASANT SPRINGS	PLEASANT SPRINGS	NE SW S25 06N 11E		PUBLIC
SD	DANE	TN PLEASANT SPRINGS	PLEASANT SPRINGS	SW NW 36 06N 11E	1955	ACTIVE SITE

ACTIVE AND ABANDONED LANDFILLS IN WISCONSINN

DNR DIST.	COUNTY	FACILITY NAME	LOCATION TOWN/CITY	ADDRESS/LEGAL DESCRIPT.	ID NUM.	INFORMATION SOURCE
SD	DANE	TN PLEASANT SPRINGS	PLEASANT SPRINGS	S25 05N 11E	7 TEMP	LIC LOG 1970
SD	DANE	TN PRIMROSE	PRIMROSE	NE SW S09 05N 07E	1218 TEMP	LIC LOG 1970
SD	DANE	TN ROXBURY	ROXBURY	NW SW 16 09N 07E	608	ACTIVE SITE
SD	DANE	EVERY FARM	RUTLAND	SE NE S02 05N 10E	WID980610794	ERRIS 10-20-83
SD	DANE	OREGON RACE TRACK	RUTLAND	SW SW S09 05N 10E	POST-REG	CO FILES BUREAU
SD	DANE	VIL BROOKLYN	RUTLAND	SW SW 31 05N 10E	581	ACTIVE SITE
SD 7	DANE	OREGON KAR BODY	RUTLAND	NW S07 05N 10E		DISTRICT FILES
SD	DANE	TN RUTLAND	RUTLAND	SE NE 17 05N 10E	2115	ACTIVE SITE
SD	DANE	TN RUTLAND	RUTLAND	NW NW S02 05N 10E	1584 TEMP	INACT FILE 2/84
SD 7	DANE	TN RUTLAND	RUTLAND	S36 05N 10E		DANE CO SW PLAN
SD	DANE	VIL SHOREWOOD DOCTORS PK	SHOREWOOD	SE SW S16 07N 09E	PRE-REG	BRUSCA 11-83
SD	DANE	VIL SHOREWOOD	SHOREWOOD	STEVE'S LIQ & KOHLS	PRE-REG	PUBLIC
SD 5	DANE	EDGAR MARKWARDT PROPERTY	SPRINGDALE	SW NW S01 06N 07E	PRE-REG	DIST. FILES 2-85
SD	DANE	TN SPRINGDALE (EARLY 1960'S)	SPRINGDALE		PRE-REG	NEWS PAPER
SD 7	DANE	VIL WAUNAKEE	SPRINGFIELD	NE S19 08N 08E		DANE CO SW PLAN
SD	DANE	JEROME DEDRICH	SPRINGFIELD	SE NW S04 08N 08E	2420 TEMP	INACT FILE 2/84
SD 7	DANE	TN SPRINGFIELD	SPRINGFIELD	SW S35 08N 08E		DANE CO SW PLAN
SD	DANE	TN SPRINGFIELD	SPRINGFIELD	NW SW 02 08N 08E	256	ACTIVE SITE
SD	DANE	FRED DUHR	SPRINGFIELD	SW NE S04 08N 08E		PUBLIC
SD	DANE	GEORGE PULVERMACHER	SPRINGFIELD	NW SE S07 08N 08E	POST-REG	CO FILES BUREAU
SD 5	DANE	CTY STOUGHTON	STOUGHTON	4TH ST STOUGHTON	PRE-REG	AREA FILES
SD 5	DANE	CTY STOUGHTON (AMUNDSON PARK)	STOUGHTON	NE SW S04 05N 11E	WID ?	AREA FILES
SD	DANE	CTY STOUGHTON	STOUGHTON	HARRISEN ST-ST ANNIS	PRE-REG	MRS HANSON
SD	DANE	MID STATE STEEL CO	STOUGHTON		POST-REG	CO FILES BUREAU
SD	DANE	CTY STOUGHTON	STOUGHTON	NELSON ST (MIDDLE)	PRE-REG	MRS HANSON
SD	DANE	PETTY REALTY	STOUGHTON	KEENAN LANE	POST-REG	CO FILES BUREAU
SD	DANE	MARVIN STARKS	SUN PRAIRIE	SE SE S07 08N 11E	2448 TEMP	INACT FILE 2/84
SD	DANE	TN SUN PRAIRIE	SUN PRAIRIE	SE SE S12 08N 11E	620 TEMP	PUBLIC
SD	DANE	J P WEST (EARLY 1950'S)	SUN PRAIRIE	SW S18 08N 11E	PRE-REG	NEWS PAPER
SD	DANE	CTY SUN PRAIRIE - ANGEL PK	SUN PRAIRIE	NE S08 08N 11E	POST-REG	UNLIC. SITE LOG
SD	DANE	DON SIMON REALTORS	SUN PRAIRIE	NW NW S06 08N 11E	POST-REG	CO FILES BUREAU
SD	DANE	TN SUN PRAIRIE	SUN PRAIRIE	SW NE 13 08N 11E	620	ACTIVE SITE
SD	DANE	CTY SUN PRAIRIE-BIRD ST SITE	SUN PRAIRIE	SW SW 08 08N 11E	231	ACTIVE SITE
SD	DANE	CTY SUN PRAIRIE	SUN PRAIRIE	SW NE S08 08N 11E	814 TEMP	INACT FILE 2/84

ACTIVE AND ABANDONED LANDFILLS IN WISCONSINN

DNR DIST.	COUNTY	FACILITY NAME	LOCATION TOWN/CITY	ADDRESS/LEGAL DESCRIPT.	ID NUM.	INFORMATION SOURCE
SD	DANE	HERBERT HELLENBRAND	SUN PRAIRIE	SE SE S07 08N 11E	2449 TEMP	INACT FILE 2/84
SD 7	DANE	VIL VERONA	VERONA	NW SW S22 06N 08E		AREA FILES
SD	DANE	TN VERONA	VERONA	SW SW 09 06N 08E	712	ACTIVE SITE
SD	DANE	CTY VERONA 1968-71	VERONA	NE SE S16 06N 08E		NEWS PAPER
SD	DANE	CNTY DANE LANDFILL #1-VERONA	VERONA	NE 14 06N 08E	2680	ACTIVE SITE
SD	DANE	VIL DEFOREST	VIENNA	SW SW 01 09N 09E	1835	ACTIVE SITE
SD	DANE	VIL MCFARLAND	VIENNA	SW SW S02 06N 10E	929 TEMP	INACT FILE 2/84
SD	DANE	CTY WAUNAKEE 1950'S	WAUNAKEE	NE S08 08N 09E	PRE-REG	NEWS PAPER
SD	DANE	RAMESH PIT (DEMO)	WESTPORT	S29 & S30 08N 09E	POST-REG	CO FILES BUREAU
SD 5	DANE	METROPOLITAN REFUSE DIST.	WESTPORT	NW S30 08N 09E	107 TEMP	CO FILES AREA
SD	DANE	WESTPORT SAND & GRAV (DEMO)	WESTPORT	SW S29 08N 09E	POST-REG	CO FILES BUREAU
SD 7	DANE	SCIENTIFIC PROTEIN LAB	WESTPORT	NW NW S04 08N 09E		AREA FILES
SD	DANE	HAROLD ZEIGLER	WESTPORT	SW NE S22 08N 09E	POST-REG	CO FILES BUREAU
SD	DANE	U W MADISON BURNING PIT	WESTPORT	NE NE S31 08N 09E	POST-REG	CO FILES BUREAU
SD	DANE	TN WESTPORT	WESTPORT	SE SE 10 08N 09E	509	ACTIVE SITE
SD 7	DANE	TN WESTPORT 1940'S	WESTPORT	SE S28 08N 09E		DANE CO SW PLAN
SD	DANE	METROPOLITAN REFUSE DIST, INC	WESTPORT	SW NW 30 08N 09E	107	ACTIVE SITE
SD	DANE	MIDWEST STEEL (HERBRAND)	WESTPORT	NW SE S31 08N 09E	POST-REG	CO FILES BUREAU
SD	DANE	TN WINDSOR	WINDSOR	SW NE 16 09N 10E	519	ACTIVE SITE
SD 7	DANE	VIL DEFOREST	WINDSOR	NW NW S17 09N 10E		DANE CO SW PLAN
SD 7	DANE	TN WINDSOR	WINDSOR	SW SW S08 09N 10E		DANE CO SW PLAN
SD	DANE	TN YORK	YORK	NW SW 14 09N 12E	537	ACTIVE SITE
SD	DODGE	TN ASHIPPUN LF	ASHIPPUN	SE S30 09N 17E	POST-REG	UNLIC. SITE LOG
SD	DODGE	TN ASHIPPUN LF	ASHIPPUN	S29 09N 17E	POST-REG	UNLIC. SITE LOG
SD	DODGE	OCONOMOWOC ELECTROPLATING	ASHIPPUN	441 OAK ST	WI 0002241-1	IWW
SD	DODGE	TN ASHIPPUN	ASHIPPUN	S23 09N 17E	672 TEMP	LIC LOG 1970
SD	DODGE	VIL ASHIPPUN	ASHIPPUN	SE SE S30 09N 17E		MEINEL 1970
SD	DODGE	HAROLD FALBE	BEAVER DAM	SE SW S07 11N 14E	POST-REG	CO FILES BUREAU
SD	DODGE	KIRSH FOUNDRY	BEAVER DAM	NW NE S08 11N 14E	POST-REG	CO FILES BUREAU
SD	DODGE	LAKE ST LDFL	BEAVER DAM	LAKE ST & WEST ST	WID980614143	ERRIS 10-20-83
SD	DODGE	CTY BEAVER DAM	BEAVER DAM	SW SE S21 12N 13E	808 TEMP	LIC LOG 1970
SD	DODGE	BYRON KOSTOLNI (DEMO)	BEAVER DAM	NE S29 11N 14E	POST-REG	UNLIC. SITE LOG
SD	DODGE	TOM J PEACHEY	BEAVER DAM	S28 12N 14E	1617 TEMP	LIC LOG 1970
SD	DODGE	TN BEAVER DAM	BEAVER DAM	NE NE S09 11N 14E	POST-REG	UNLIC. SITE LOG

Appendix G

Solid and Hazardous Waste and PCBs Questionnaire

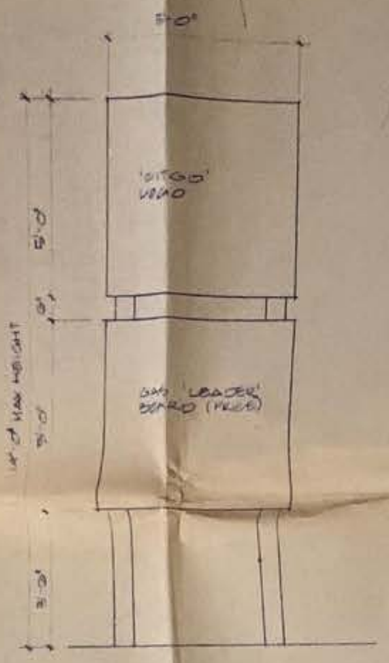
SOLID AND HAZARDOUS WASTE AND PCBS QUESTIONNAIRE

		YES	NO	N/A
1.	Confirmation of plant as a generator:			
	a. Has the plant characterized all solid wastes generated to determine which are hazardous under RCRA?	—	—	✓
	b. Does the plant produce any wastes classified as hazardous?			
	- Listed wastes?	—	✓	—
	-Ignitable?	—	✓	—
	-Corrosive?	—	✓	—
	-Reactive?	—	✓	—
	-EP toxic?	—	✓	—
	c. Does the plant have a EPA-issued generator identification number?	—	—	✓
	d. Does the plant qualify as a small quantity generator (and, therefore, not subject to hazardous waste regulations)?	—	—	✓
2.	Does the plant treat, store, or dispose of hazardous wastes on site?	—	✓	—
	a. Does the plant have a RCRA permit?	—	—	✓
	b. Does the plant have a written waste analysis plan?	—	—	✓
	c. Does the plant accept wastes from other facilities for storage, treatment, or disposal?	—	—	✓
	d. Does the plant have any permitted storage areas for storage of wastes greater than 90 days?	—	—	✓
3.	Are solid and hazardous wastes treated at the plant site by any of the following methods:			—
	a. Incineration?	—	✓	—
	b. Other thermal treatment?	—	✓	—
	c. Landfill?	—	✓	—
	d. Land treatment, e.g., land farming?	—	✓	—

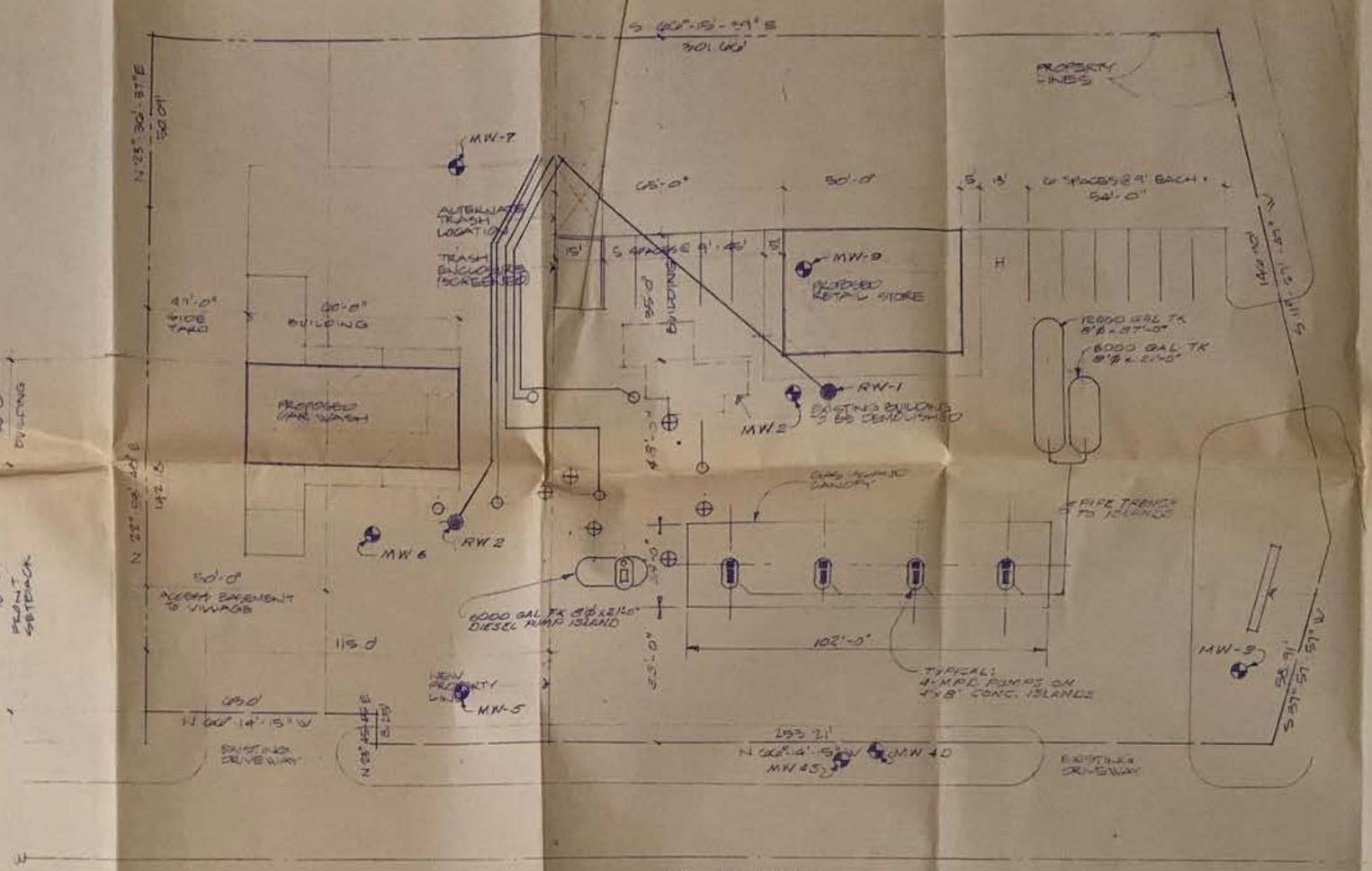
		YES	NO	N/A
e.	Physical/chemical treatment?	—	✓	—
f.	Biological treatment?	—	✓	—
g.	Underground injection?	—	✓	—
h.	Co-treatment with ponded materials?	—	✓	—
4.	Does the plant store wastes:			
a.	In piles?	—	✓	—
b.	In surface impoundments?	—	✓	—
c.	In drums?	—	✓	—
d.	In tans?	—	✓	—
e.	In other containers?	—	✓	—
f.	Are containers:			
	-Labeled (waste type and date of storage)?	—	—	✓
	-Compatible with wastes?	—	—	✓
	-Closed?	—	—	✓
g.	Are storage areas inspected regularly for leaks, corrosion, or other deterioration?	—	—	✓
h.	Does the plant maintain a record of the identity and location of all stored wastes?	—	—	✓
i.	Is the storage area covered, dikes, etc.?	—	—	✓
j.	Is written inspection schedule available?	—	—	✓
k.	Is inspection log kept?	—	—	✓
l.	Are danger signs around active sites?	—	—	✓
5.	Does plant have written contingency plans:			
a.	Available for review by EPA?	—	—	✓
b.	Provided to off-site emergency response team?	—	—	✓

		YES	NO	N/A
6.	Is the facility required to monitor its storage, treatment, and/or disposal facilities?	—	—	✓
	a. Groundwater monitoring:			
	-Has the plan been prepared by hydrologists?	—	—	✓
	-Has it been approved by appropriate agencies?	—	—	✓
	-Does the plan include specification and number of wells?	—	—	✓
	-Analysis of samples (frequency and constituents)?	—	—	✓
	b. Leachate monitoring:			
	-Are there any required leachate disposal or treatment facilities?	—	—	✓
7.	Are hazardous wastes transported off-site?	—	✓	—
	a. Does transporter have EPA-issued identification number?	—	—	✓
	b. Transported by:			
	-Company vehicles?	—	—	✓
	-Transporter vehicles?	—	—	✓
	-Common carriers?	—	—	✓
	c. Approved manifest system followed?	—	—	✓
	d. Are DOT regulations followed?	—	—	✓
	e. Required reports sent to regulatory agency?	—	—	✓
8.	Does the plant utilize off-site facilities for the treatment, storage, or disposal of hazardous wastes?			
	a. Off-site facilities for treatment?	—	—	✓
	b. Off-site facilities for storage?	—	—	✓
	c. Off-site facilities for disposal?	—	—	✓
	d. Does the off-site facility have a EPA permit?	—	—	✓

		YES	NO	N/A
9.	Does the off-site facility have closure and post-closure plans?	—	—	✓
10.	Are there any inactive waste disposal sites at the plant site?	—	✓	—
a.	Were these reported to the Eckhardt Committee?	—	—	✓
b.	Do they pose environmental problems?	—	—	✓
c.	Are they monitored?	—	—	✓
d.	Does the plant maintain records?	—	—	✓
11.	Has the plant been a subject of any RCRA enforcement actions?	—	✓	—
12.	Have off-site TSDFs been the subject of any RCRA enforcement actions?	—	—	✓
13.	Does the facility use or handle PCB items?	—	✓	—
a.	Are PCBs stored on site?	—	—	✓
b.	Are PCBs disposed of:			
	-By incineration?	—	—	✓
	-In a chemical waste landfill?	—	—	✓
	-In a high efficiency boiler?	—	—	✓
c.	Does the facility maintain records on PCBs at the facility?	—	—	✓
d.	Does the facility have a standard procedure for PCB decontamination?	—	—	✓
e.	Does the facility maintain a PCB inspection program?	—	—	✓
f.	Are PCB items appropriately labeled?	—	—	✓

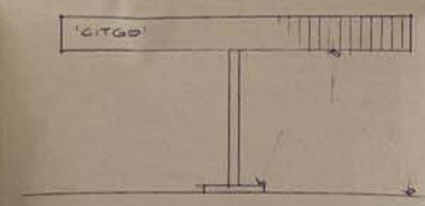


PROPOSED PERMANENT SIGN
1/2" = 1'-0"

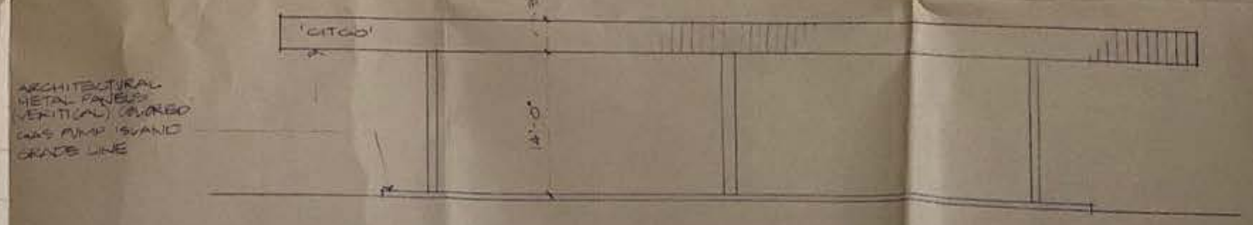


U.S. HWY "14"

SITE DEVELOPMENT PLAN
SCALE: 1" = 20'-0"



CANOPY EAST ELEVATION
1/8" = 1'-0"



CANOPY SOUTH ELEVATION
1/8" = 1'-0"

LEGEND

LAYOUT OF VAPOR CONVEYANCE PIPES

RODNEY W. HELT, AIA
Registered Architect
542 Pine Drive □ Madison, Wisconsin 53711
(608) 274-9410