



Alumni Center Predesign

Minnesota State University Moorhead

Moorhead, Minnesota

100% Submittal | September 10, 2021

Prepared by:

FOSS
ARCHITECTURE
+INTERIORS

810 1st Avenue N, Fargo ND | 701-282-5505 | fossarch.com

September 10, 2021

Mr. Gary Haugo, Executive Director
MSUM Foundation
Minnesota State University - Moorhead
1104 7th Avenue S
Moorhead, MN 56563

Dear Mr. Haugo,

Foss Architecture + Interiors is pleased to submit to you the final pre-design report for the MSUM Alumni Center project. The attached document has been prepared in accordance with the Minnesota State Predesign Guidelines and in collaboration with MSUM Foundation and MSUM Facilities departments.

The scope of our work on the project has been to document and describe the site development, building program, construction typology and building system requirements for construction of a new Alumni Center building to be located on campus. Additionally, the report presents probable construction costs, and a probable project schedule for design and construction.

We appreciate the continued relationship MUSM has entrusted to our firm for over 60 years, and we are pleased to be part of the planning process for this project. We look forward to the Alumni Center becoming a reality on the Dragon campus.

Sincerely,



Robert Ames, AIA, LEED AP
Principal Architect
MN Registration #21369

I certify that this report was prepared by me or under my direct supervision and that I am a duly licensed architect under the laws of the state of Minnesota.

TABLE OF CONTENTS

1 – Predesign Summary	1
2 - Project Background	3
3 - Project Description	6
4 – Sustainability/Energy	14
5 – Financial Information – Capital Expenditures	15
6 – Financial Information – Ongoing Operating	16
7 – Schedule	17
8 – Occupancy Plan	18
 <u>Appendix</u>	
A – Space Needs Inventory Sheets	
B – Asbestos Survey Report	
C – Newman Center Phase I Environmental Assessment	
D – MSUM IT Strategic Plan	

1 – PREDESIGN SUMMARY

Project Title:

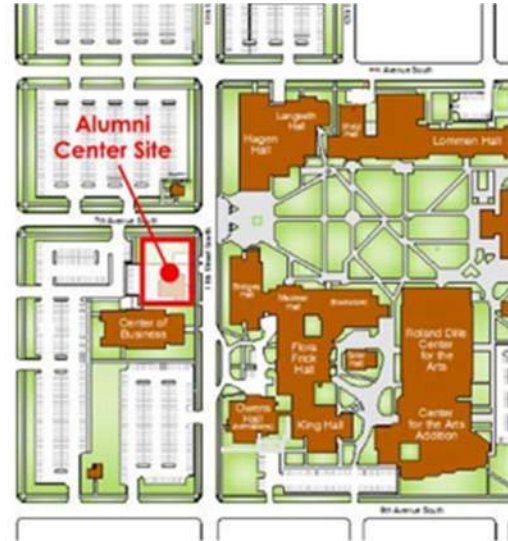
MSU – Moorhead Alumni Center

Project Location:

Minnesota State University – Moorhead
1104 7th Avenue South
Moorhead, MN 56563

Project Scope:

The project consists of the construction of a new 18,500 SF Alumni Center adjacent to MSU-Moorhead campus. The Alumni Center will provide a centralized location for Alumni Foundation offices, reception and event space for Foundation activities.



The University is in process of transferring ownership of the property, occupied by the vacant Newman Center (which will be demolished), to the Foundation. Existing parking adjacent to the site will serve the Alumni Center, and a physical, enclosed walkway connection to the adjacent Center for Business is planned to allow sharing of facilities.

Project Funding: MSU-Moorhead Foundation fundraising

Project Cost: \$8,455,000

Construction Costs: \$6,875,000

New Construction: 18,500 SF

Demolition: 9,000 SF (Newman Center)

Backlog Removed: \$1,252,300

Project Procurement & Delivery: Design-Bid-Build

Project Schedule:
Predesign – Summer 2021
Design – Winter 2021-2022
Bidding – Spring 2022
Construction - Fall 2022 to Summer 2023

Project Phasing: None Anticipated – Center to be constructed on vacant property following demolition of the existing, unoccupied structure on site.

Utilization: This project does not impact classroom or lab utilization.

Participants: Gary Haugo, VP for University Advancement
Brenda Norris, Executive Director for Facilities Management
Robert Ames, Principal, Foss Architecture + Interiors

2 – PROJECT BACKGROUND

Historically, the Alumni Foundation has been housed in “left over” space on campus in accommodations that have included a former residence, basement space, and other make-shift offices scattered throughout campus. Present configuration hinders efficiency and communications among staff, as well as lacks accommodations to welcome visitors and hold events to promote the University among alumni and community supporters.

The proposed MSUM Alumni Center will provide a centralized location for all Alumni Foundation staff and activities catering to former students, faculty, staff and community supporters. The Center is to be designed as a place to spark relationships and build upon a legacy of philanthropy, which will serve as a catalyst for growing support for MSUM for generations to come.

ALUMNI CENTER VISION:

1. RELATIONSHIPS: The alumni center will be a place for transformational relationships. Meaningful relationships between our students, faculty, staff and supporters are at the heart of what we do. When we nurture these relationships, we inspire and honor donors and recipients. We fan the flame of generosity with personal connections. We are able to deepen the understanding of the mission of MSUM for our board members and others in our community.
»
2. LEGACY OF PHILANTHROPY: Creating a space on our campus that is a permanent home for our foundation will change the trajectory of our institution. It will make philanthropy a priority for our alumni, faculty, staff and students. The alumni center will be a place that both practically and symbolically aligns our hopes with action. It will gather our resources of talent and treasure into one place to share the story of a transformative MSUM experience, increase our effectiveness, and amplify our voice so that we may achieve our goals.
»
3. CATALYST FOR GROWTH: The need for private support is increasing as the relationship between the state and university changes, and the university relies more than ever on private support. For this reason we need to be bold and create a space that is a catalyst for the work of raising private dollars. With over 60,000 alumni, a \$25,000,000 endowment and \$34,000,000 in net assets, the foundation has only begun to realize its potential. The future is exciting.
»
4. BUILD COMMUNITY: One of MSUM’s Strategic anchors is to be indispensable to the community. This new premier space on campus will be a welcoming spot for alumni to return not only to visit but to engage and inspire and be inspired. Our community will be invited and welcomed to our campus where they will meet students, faculty and staff in meaningful

and transformative ways. Supporters want to be engaged with students in their journey while at MSUM and this physical space will allow for the creation of such connections.

»

5. SYMBOL: The alumni center will serve as a beacon to our alumni, friends, faculty, staff and students, calling them back to campus to connect and engage. It will symbolically light the path to engagement opportunities at the university throughout their lives. Serving on the foundation board, numerous advisory councils that support our academic and co-curricular leadership, or as a student mentor or advisor are opportunities the alumni center will facilitate.

»

6. PRIDE & PRESTIGE: The alumni center will also be a premier space with high tech, high touch, and fine finishes which will elevate the public perception of MSUM in our community. It will be built to stand the test of time and be an asset of the foundation and the university for decades to come. MSUM supporters are proud of their alma mater. When inviting guests and visitors, we need a space to reflect that pride and the quality of our alumni and friends.

Campus Master Plan

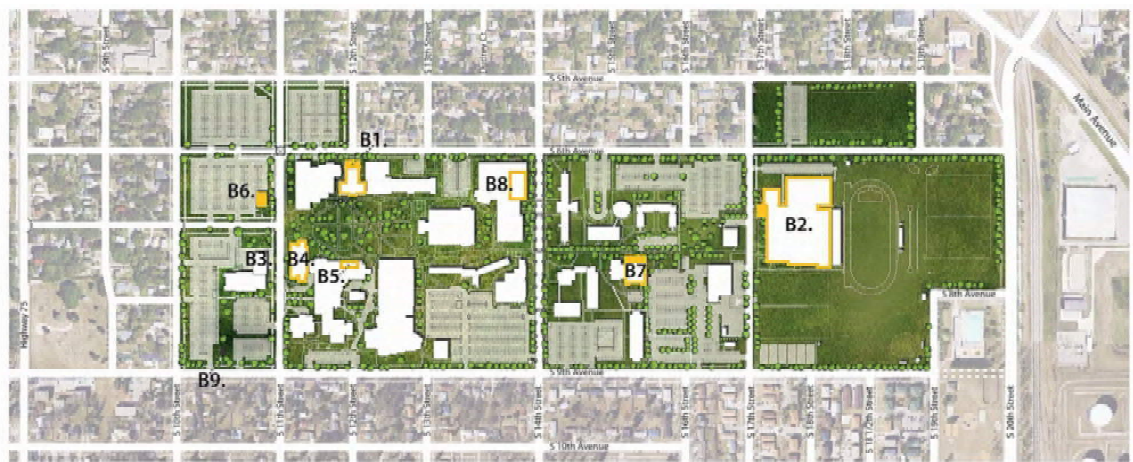
Construction of a new Alumni Center is consistent with the 2016 Comprehensive Facilities Master Plan. Goals of the Master Plan include:

“Welcome community members effectively in order to attract and develop partnerships.”

“Section 5.2 Proposed Projects” of the Campus Master Plans includes project “B-6 New Alumni Center” to be located on the western edge of campus along 11th Street South, and opposite the formal campus gates. The project is described in the master plan to:

“Address the limitations and deficiencies of the existing Alumni House through construction of a new Alumni Center on/near the site of the current Alumni House. Development and funding would be by the Foundation. This site provides a visible west-side location, close to the Center for Business and the Mall, and is preferred to the Newman Center site to keep land ownership simple. The Alumni Center would contain offices and a ‘living room’ to receive visiting alumni and hold receptions and meetings, possibly offering space for university events as well.”

Since the authoring of the Master Plan in 2016, the Foundation has vacated the Alumni House, which has since been demolished, and is currently housed in various locations on campus. Additionally, the Newman Center site has been identified as a preferred location and efforts are underway for property ownership transfer.



Short-term Plan

B-1 Weld Hall Renewal	B-6 New Alumni Center
B-2 Nemzek Hall Renewal	B-7 Murray Hall Exterior & Ramp Repair
B-3 Demolition of Newman Hall	B-8 Comstock Union Food Court Improvements
B-4 Improve Campus Utilization	B-9 Demolition of South House
B-5 Student Services Neighborhood	

Minnesota State University Moorhead Facilities Master Plan May 2016



Utilization

MSUM is expecting a 0% change in enrollment for Fall of 2023 and we would project a 1-2% increase in enrollment on an annual basis for years 2024-2027.

The primary purpose of the building, however, is to the MSUM Foundation and it's dispersed and growing staff. Our staff currently has 14.5 FTE and we anticipate growing it to 22FTE by FY24. It is currently disbursed around MSUM's campus in 3 different locations. MSUM also has a severe shortage of event space. Comstock Memorial Union serves as the primary event hosting space on campus and it is booked nearly every day with campus events. Having an additional space on campus will allow us to host twice as many events on campus. The focus of the events at the alumni center will be to bring alumni and community members to campus to interact with our students, faculty and staff.

Building Systems

The Alumni Center will be connected via a corridor walkway to the Center of Business and will take advantage of steam and cooling tower capacity in the Center of Business for heating and cooling loads. The University will maintain the link. Ownership will be spelled out in the Ground Lease documents. Other systems and services will be provide as part of new construction of the Center.

3 – PROJECT DESCRIPTION

The MSU-Moorhead Alumni Center will provide a centralized location for Foundation staff, currently spread throughout facilities on Campus, and serve as a welcoming event center for Foundation activities.

Site

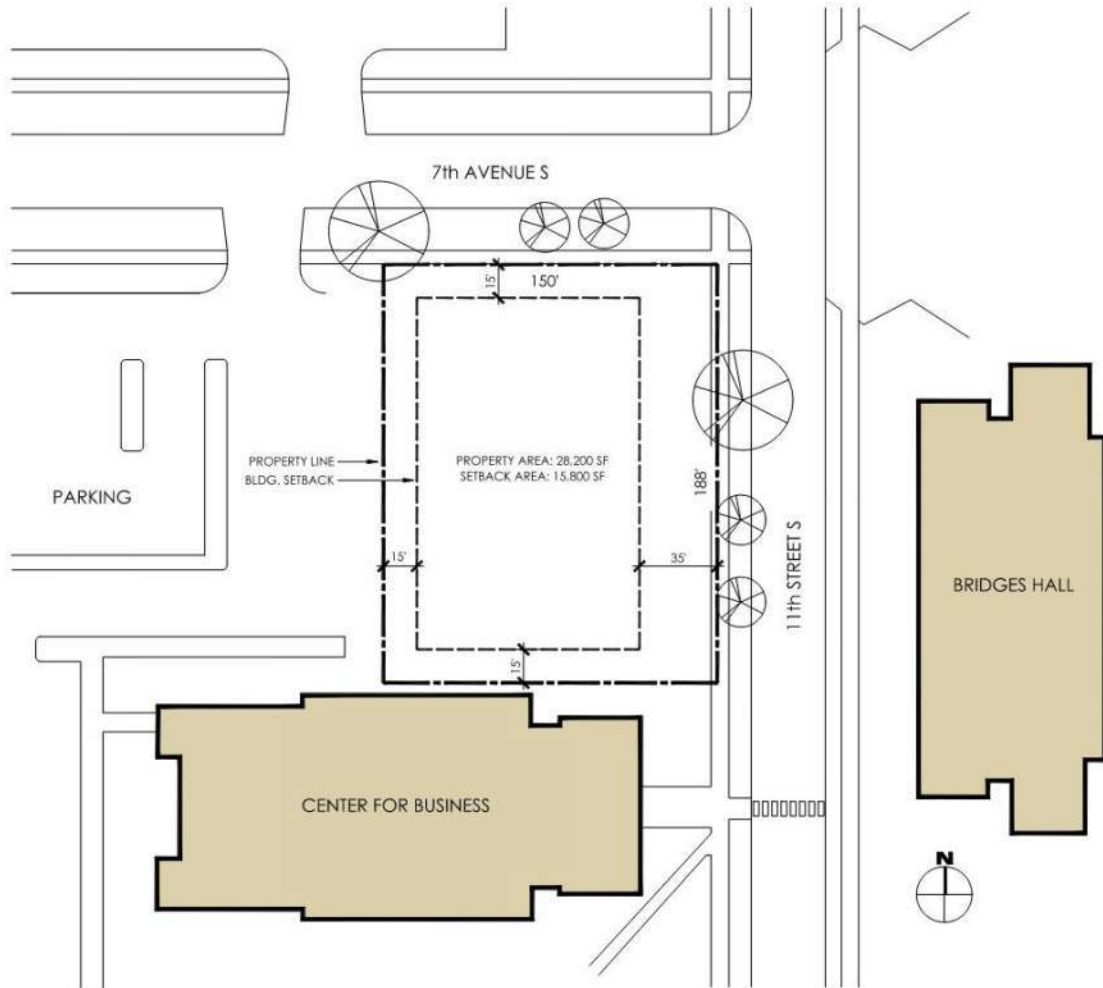
The Center will be constructed on property adjacent to the main campus and the existing Center for Business, across 11th Street from Bridges Hall and the Campus gates. The property is currently occupied by the vacant Newman Center, which will be demolished.

The corner site is located at the intersection of 7th Avenue and 11th Street South and is 188' x 150' (28,200 SF). The property is zoned "Institutional," along with the main campus. City of Moorhead zoning requires front yard setback of 35' and side and rear yard setbacks of 15', leaving a buildable area of 158' x 100' (15,800 SF).

Existing, adjacent parking to the west and parking across the avenue to the north will serve the Center. A covered, canopy drop-off or porte cochere is desired at the west entry. Enclosed walkway connection to the Center for Business is to be included allowing for shared use of meeting space, break-out rooms, and gathering spaces during larger events.



Campus Map



Alumni Center Site



Site Photo – View from Northeast



Site Photo – View from Northwest



View of Campus Gate, across from site

Program

The 18,500 SF Center will provide office space for up to 26 Foundation staff including focus on Development, Alumni Advancement, Annual Giving, Engagement and Accounting. Support spaces for staff included reception, Board room, conference rooms, work room, building services and storage.

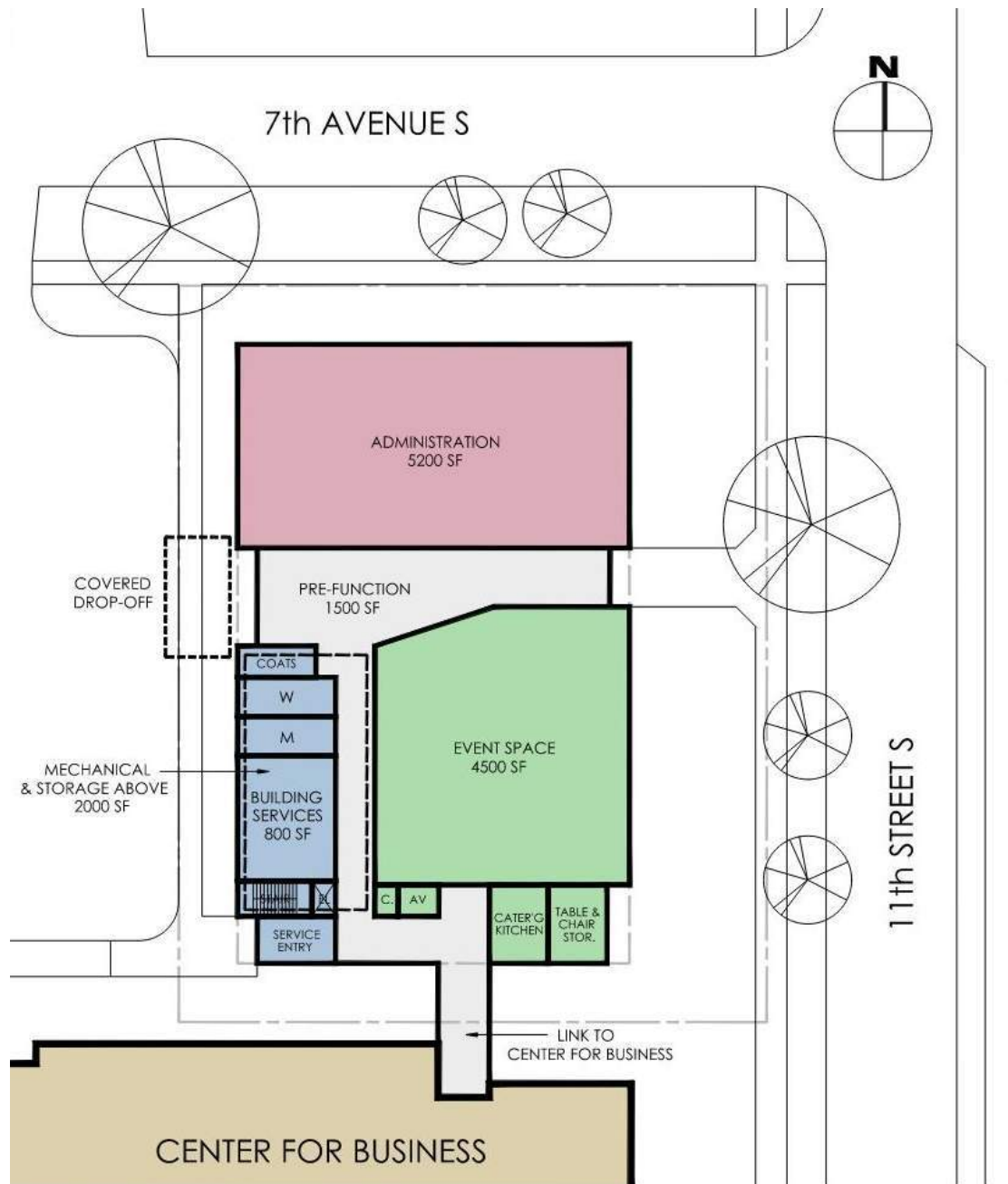
A pre-function Lobby and Event space for up to 300 people will allow for alumni programs, presentations and reunions gatherings on campus, as well as hosting other mid-size events for the University. A catering kitchen is to be provided along with storage for tables and chairs to maximize the flexibility in

usage and configuration of event space. Audio-Visual technology will be included for presentations and audio enhancement.

MSUM Alumni Center

Space Program

Description		Qty	Size	Total SF
1 Administration				
1.1 Accounting Services				
1.1.1	Controller Office	1	150	150
1.1.2	Private Offices	2	100	200
1.1.3	Support Workstations	2	60	120
1.1.4	Record Storage	1	100	100
1.2 Annual Giving				
1.2.1	Private Offices	2	100	200
1.2.2	Support Workstations (shared)	2	60	120
1.3 Foundation Services				
1.3.1	Private Office	5	100	500
1.4 Engagement				
1.4.1	Private Offices	2	100	200
1.4.2	Storage, give-aways	1	150	150
1.5 Development & Major Gifts				
1.5.1	Development Director	1	120	120
1.5.2	Private Offices	5	100	500
1.6 VP for Alumni Advancement				
1.6.1	Private Office	1	200	200
1.7 Reception & Shared Spaces				
1.7.1	Reception	1	200	200
1.7.2	Support Workstations	2	60	120
1.7.3	Workroom & Supply Storage	1	150	150
1.7.4	Conference Room - small	2	200	400
1.7.5	Conference/Training Room - Large	1	400	400
1.7.6	Employee Breakroom	1	150	150
Subtotal Administration				3,980
2 Event & Public Space				
2.1 Event & Public Space				
2.1.1	Events (300 ppl)	1	4,500	4,500
2.1.2	Pre-function	1	1,500	1,500
2.1.3	AV Control Room	1	80	80
2.1.4	Coat Room	1	100	100
2.1.5	Catering Kitchen	1	300	300
2.1.6	Table & Chair Storage	1	300	300
Subtotal Event & Public Space				6,780
3 Building Services				
3.1 Building Services				
3.1.1	Toilet Rooms - Staff	2	150	300
3.1.2	Toilet Rooms - Public	2	200	400
3.1.3	Custodial	1	100	100
3.1.4	Mechanical	1	1,000	1,000
3.1.5	Electrical	1	100	100
3.1.6	Data/IT Closet	1	80	80
3.1.7	Storage, general	1	500	500
Subtotal Building Services				2,480
Total net square foot requirements:				13,240
Net to gross conversion				0.4
Gross foot requirement:				18,536



Conceptual Floor Plan

Building

The Alumni Center is proposed to be built in two-stories with all Foundation staff and visitor facilities located on first floor, and mechanical and storage spaces to be located on the second floor, adjacent to the higher volume (taller) event space. Elevator access to second floor is desired for movement of materials and equipment, in addition to the required stairway.

The structure shall be designed to Minnesota State Colleges and Universities design standards including, but not limited to, masonry wall construction, window performance and roof specifications.

The Alumni Center is intended to blend with, or compliment, existing campus architecture and materials and, per Foundation goals, “be a premier space with high tech, high touch, and fine finishes which will elevate the public perception of MSUM in our community.”

Campus steam is available at the Center for Business for heating, along with capacity in the Center for Business chiller for cooling. Water, sanitary sewer and storm sewer utilities are readily available in adjacent street right-of-way.

Adequate electrical power is available from nearby utilities. It is anticipated that energy efficient LED lighting, lighting controls and load management will be utilized towards the Campus and University System’s goals for sustainable construction.

Campus IT department shall be consulted regarding current campus standards and equipment and infrastructure.

Codes and Statutes

Minnesota State Design Standards
2020 Minnesota Building Code (amendments to 2018 IBC)
2020 Minnesota Energy Code
2020 Minnesota Accessibility Code
2020 Minnesota Mechanical and Fuel Gas Code
2015 Minnesota Plumbing Code
2020 Minnesota Fire Code
Minnesota Electrical Code (2020 National Electrical Code)
2020 Minnesota Provisions to the State Building Code
2020 Minnesota Elevator and Related Devices Code
City of Moorhead Zoning Code

Space Needs Inventory

See Appendix A for space needs inventory sheets describing specific features, finishes and services required for each programmed space.

Quality Control Plan

Quality control measures to be included in the delivery process include:

- HVAC and electrical systems commissioning
- Building envelope analysis
- Mock-ups of envelope component systems and pre-installation conferences including cavity wall construction and window installation
- Submittal of a quality control plan by the Contractor and subcontractors
- Building Information Modeling (BIM) for clash detection

Instructions: Fill out one copy of this form for each new building proposed by this project. Include the completed form(s) within the project's predesign. Note: This form does not apply to building *additions*, only entirely new buildings.

Code Information				
Occupancy Group(s):	A-2, B			
Primary space types (office, classroom, etc.):	Offices, conference rooms, banquet hall (event space)			
Type of construction (per current MN Building Code):	II-B			
Building Size (GSF):	Allowable height (feet/stories):	75 Feet, 3 Stories	Proposed height:	28 Feet, 2 Stories
	Allowable area/floor:	38,000 SF (excluding allowable increases)	Proposed area/floor:	15,800 SF
	Total building area:	18,500	Space efficiency (%):	

Building Systems			
Roofing type(s):	4-ply built-up MinnState standard	Structural system type(s):	Steel floor and roof framing
Mechanical system type(s):	Steam supply from campus system, VAV HVAC distribution, cooling from School of Business chiller	Fire protection type(s):	Wet-pipe sprinkler system
Electrical system type(s):	3-phase service from city utilities	Exterior wall type(s):	CMU cavity wall with face brick veneer
Interior wall type(s):	Gypsum wall board on steel studs	Technology systems:	In accordance with Campus standards
Conveying system(s):	Hydraulic elevator	Sustainability/energy:	TBD
Life expectancy of building and systems:	Building structure and shell: 100 years Roofing: 40 years Mechanical and Electrical systems: 25 years		
Notes on proposed FF&E:			

Utilities and Infrastructure	
Describe the locations of existing utilities and infrastructure (water, sewer, power, roads, etc.) that will be extended/connected to this new building.	Water, sewer and power are located adjacent to the site along 7 th Avenue and 11 th Street.

4 – SUSTAINABILITY AND ENERGY

While private funding does not dictate compliance with the Minnesota B3 Sustainability Guidelines, MSU-Moorhead would still like to consider sustainable strategies in the project where practical. This includes management of energy consumption, low flow fixtures, energy efficient lighting, and environmentally preferable materials.

Compliance with the Minnesota Energy Code is mandatory.

Grants will be pursued, where available, for funding reduced energy consumption and sustainability initiatives,

The contractor will be required to submit a waste management and recycling plan for demolition of the existing Newman Center and new construction.

5 – FINANCIAL INFORMATION – CAPITAL EXPENDITURES

The project will be paid for by the through private fund-raising by the Alumni Foundation. Design-Bid-Build is the preferred delivery model for construction.

The following details the expected project costs for the Alumni Center Project:

Construction Costs:

Building Construction	18,500 SF @ \$320/SF	\$5,920,000
Hazardous Material Abatement (Newman Center)		\$45,000
Existing Building Demolition (Newman Center)		\$200,000
Site Development and Utilities		\$200,000
Testing/Quality Assurance		\$60,000
Construction Contingency		<u>\$450,000</u>
Total Estimated Construction Costs		\$6,875,000

Other Project Costs:

A/E Design Fees	\$490,000
Project Management Fees	\$240,000
Occupancy (FFE, Telecom, Data, Security)	<u>\$370,000</u>
Total Estimated Other Project Costs:	\$1,100,000

Escalation

One year escalation to July 2022 at 6%	<u>\$480,000</u>
Total Estimated Project Cost	\$8,455,000

Construction costs are based upon previously completed detailed quantity take-offs (architectural) and per-square-foot costs (mechanical and electrical) and adjusted for inflation. Additionally, costs have been verified against comparable projects of similar size and complexity.

Risks associated with project costs include a volatile bidding climate, labor/trades availability, and availability and lead time of materials and components. With frequent estimate updates, inclusion of bid alternates, and flexibility in the construction schedule, these risk factors can be managed and adjustments made to design and delivery options to mitigate these risks.

6 – FINANCIAL INFORMATION - ONGOING OPERATING

Estimated Annual Operating Expenses

Utilities (electric, gas, other)	\$36,000
Maintenance (routine)	\$20,000
Repairs (planned / estimated)	\$0
Waste Removal (standard, hazardous)	\$1,000
Annual building services (elevators, fire, etc.)	\$5,000

Revenue offsets, if applicable:

Event Space Rental	TBD.
--------------------	------

7 – SCHEDULE

PROJECT SCHEDULE - MSU-MOORHEAD ALUMNI CENTER																																				
PHASE	2021						2022												2023																	
	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D						
FUNDRAISING																																				
LAND ACQUISITION																																				
PREDESIGN DRAFT																																				
DRAFT REVIEW																																				
PREDESIGN COMPLETION																																				
PREDESIGN REVIEW																																				
A/E SELECTION																																				
SCHEMATIC DESIGN																																				
SD REVIEW																																				
DESIGN DEVELOPMENT																																				
DD REVIEW																																				
CONSTRUCTION DOCUMENTS																																				
CD REVIEW																																				
BIDDING																																				
BID AWARD																																				
ABATEMENT																																				
DEMOLITION																																				
CONSTRUCTION																																				
OCCUPANCY																																				

8 – OCCUPANCY PLAN

The Alumni Foundation will procure new fixtures, furnishing and equipment as budgeted in Capital Expenditures. FF&E will be provided for all areas including offices, conference spaces, event space, and supporting functions.

IT equipment and infrastructure will be provided in accordance with Campus standards and the MSUM IT Strategic Plan. Wireless access technology shall be prevalent throughout, along with technologies for hybrid, virtual meetings with staff, Board members, and alum.

Conference rooms, board rooms and event space will include multi-media technologies to accommodate a variety of presentation formats and sound enhancement.

APPENDIX A – SPACE NEEDS INVENTORY

Project: MSU-Moorhead Alumni Center

Room Name: Administration Offices

Room #: _____



Floor: <u>Carpet</u>	Adjacency: <u>Reception & Support Spaces</u>
Base: <u>Rubber</u>	Area: <u>Varies, as Programmed</u>
Walls: <u>Painted Gypsum Board</u>	Occupancy: <u>B</u>
Ceiling: <u>Acoustical Tile</u>	Glazing/Opening: <u>Non-Rated</u>
Ceiling Ht.: <u>9'-0</u>	Door Width: <u>36"</u>
Tackboard: <u>NR</u>	Fire Rating: <u>Non-Rated</u>
Markerboard: <u>NR</u>	Material: <u>(Dr) Wood (Frm) HM</u>
Window: <u>Exterior Window</u>	Door Locks: <u>Office Function</u>
Remarks: _____	

Architectural

Description

Desk, Chair, File Cabinets

<input checked="" type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.

Equipment

Lighting:	<input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input type="checkbox"/> Dimmer
Receptacles:	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input type="checkbox"/> G.F.I.
Specialties:	<input type="checkbox"/> Emer. Power	<input type="checkbox"/> Emer. Light	<input type="checkbox"/> Other _____	
Communication:	<input type="checkbox"/> CCTV _____	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input checked="" type="checkbox"/> Computer Jack
	<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> TV
Remarks: _____				

Electrical

Fixtures:	<input type="checkbox"/> Toilet-Std. Ht.	<input type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> Toilet-Hdcp. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
	<input type="checkbox"/> Sink	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: _____

Plumb.

Air Changes:	_____ Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure:	<input type="checkbox"/> Positive	<input type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls:	<input checked="" type="checkbox"/> Room	<input type="checkbox"/> Zone	<input type="checkbox"/> Other _____
Remarks: _____			

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Reception

Room #: _____



Floor: <u>Carpet</u>	Adjacency: <u>Lobby, Offices, & Support Spaces</u>
Base: <u>Rubber</u>	Area: <u>200 SF</u>
Walls: <u>Painted Gypsum Board, Accent Materials</u>	Occupancy: <u>B</u>
Ceiling: <u>Acoustical Tile</u>	Glazing/Opening: <u>Non-Rated</u>
Ceiling Ht.: <u>9'-0</u>	Door Width: <u>36"</u>
Tackboard: <u>NR</u>	Fire Rating: <u>Non-Rated</u>
Markerboard: <u>NR</u>	Material: <u>(Dr) Wood (Frm) HM</u>
Window: <u>Visibility to Lobby</u>	Door Locks: <u>Office Function</u>
Remarks: <u>Custom Signage and/or artwork</u>	

Architectural

Description

Desk, Chair, File Cabinets

<input checked="" type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.

Equipment

Lighting:	<input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input type="checkbox"/> Dimmer
Receptacles:	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input type="checkbox"/> G.F.I.
Specialties:	<input type="checkbox"/> Emer. Power	<input type="checkbox"/> Emer. Light	<input type="checkbox"/> Other _____	
Communication:	<input type="checkbox"/> CCTV _____	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input checked="" type="checkbox"/> Computer Jack
	<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> TV
			<input type="checkbox"/> Paging	

Remarks: _____

Electrical

Fixtures:	<input type="checkbox"/> Toilet-Std. Ht.	<input type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> Toilet-Hdcp. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
	<input type="checkbox"/> Sink	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: _____

Plumb.

Air Changes:	_____ Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure:	<input type="checkbox"/> Positive	<input type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls:	<input checked="" type="checkbox"/> Room	<input type="checkbox"/> Zone	<input type="checkbox"/> Other _____

Remarks: _____

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Workroom & Supply Storage

Room #: _____



Floor: <u>Carpet</u>	Adjacency: <u>Offices, & Support Spaces</u>
Base: <u>Rubber</u>	Area: <u>150 SF</u>
Walls: <u>Painted Gypsum Board</u>	Occupancy: <u>B</u>
Ceiling: <u>Acoustical Tile</u>	Glazing/Opening: <u>NR</u>
Ceiling Ht.: <u>9'-0</u>	Door Width: <u>36"</u>
Tackboard: <u>NR</u>	Fire Rating: <u>NR</u>
Markerboard: <u>NR</u>	Material: <u>(Dr) Wood</u> <u>(Frm) HM</u>
Window: <u>NR</u>	Door Locks: <u>Office Function</u>
Remarks: _____	

Architectural

Description

Casework and Counters	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Equipment

Lighting:	<input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input type="checkbox"/> Dimmer
Receptacles:	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input checked="" type="checkbox"/> G.F.I.
Specialties:	<input type="checkbox"/> Emer. Power	<input type="checkbox"/> Emer. Light	<input type="checkbox"/> Other _____	
Communication:	<input type="checkbox"/> CCTV _____	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input checked="" type="checkbox"/> Computer Jack <input type="checkbox"/> TV
	<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> Paging

Remarks: Power as required for copiers and printers

Electrical

Fixtures:	<input type="checkbox"/> Toilet-Std. Ht.	<input type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> Toilet-Hdcp. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
	<input checked="" type="checkbox"/> Sink	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: _____

Plumb.

Air Changes:	<u> </u> Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure:	<input type="checkbox"/> Positive	<input type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls:	<input checked="" type="checkbox"/> Room	<input type="checkbox"/> Zone	<input type="checkbox"/> Other _____

Remarks: _____

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Conference Room - Small

Room #: _____



Floor: <u>Carpet</u>	Adjacency: <u>Offices, & Support Spaces</u>
Base: <u>Rubber</u>	Area: <u>200 SF</u>
Walls: <u>Painted Gypsum Board</u>	Occupancy: <u>B, 10 People</u>
Ceiling: <u>Acoustical Tile</u>	Glazing/Opening: <u>NR</u>
Ceiling Ht.: <u>9'-0</u>	Door Width: <u>36"</u>
Tackboard: <u>NR</u>	Fire Rating: <u>NR</u>
Markerboard: <u>NR</u>	Material: (Dr) <u>Wood</u> (Frm) <u>HM</u>
Window: <u>NR</u>	Door Locks: <u>Office Function</u>
Remarks: _____	

Architectural

Description

Conference Table, Chairs, Credenza	<input checked="" type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
Flatscreen Monitor	<input checked="" type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Equipment

Lighting:	<input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input checked="" type="checkbox"/> Dimmer
Receptacles:	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input type="checkbox"/> G.F.I.
Specialties:	<input type="checkbox"/> Emer. Power	<input type="checkbox"/> Emer. Light	<input type="checkbox"/> Other _____	
Communication:	<input type="checkbox"/> CCTV _____	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input checked="" type="checkbox"/> Computer Jack <input type="checkbox"/> TV
	<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> Paging

Remarks: _____

Electrical

Fixtures:	<input type="checkbox"/> Toilet-Std. Ht.	<input type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> Toilet-Hdcp. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
	<input type="checkbox"/> Sink	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: _____

Plumb.

Air Changes:	_____ Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure:	<input type="checkbox"/> Positive	<input type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls:	<input checked="" type="checkbox"/> Room	<input type="checkbox"/> Zone	<input type="checkbox"/> Other _____

Remarks: _____

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Conference Room - Large

Room #: _____



Floor: <u>Carpet</u>	Adjacency: <u>Offices, & Support Spaces</u>
Base: <u>Rubber</u>	Area: <u>400 SF</u>
Walls: <u>Painted Gypsum Board, Accent Materials</u>	Occupancy: <u>B, 20-25 People</u>
Ceiling: <u>Acoustical Tile</u>	Glazing/Opening: <u>NR</u>
Ceiling Ht.: <u>9'-0 minimum</u>	Door Width: <u>36" minimum</u>
Tackboard: <u>NR</u>	Fire Rating: <u>NR</u>
Markerboard: <u>6'</u>	Material: <u>(Dr) Wood (Frm) HM</u>
Window: <u>Exterior Window preferred</u>	Door Locks: <u>Office Function</u>
Remarks: _____	

Architectural

Description

Conference Table, Chairs, Credenza	<input checked="" type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
Flatscreen Monitor	<input checked="" type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Equipment

Lighting:	<input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input checked="" type="checkbox"/> Dimmer
Receptacles:	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input type="checkbox"/> G.F.I.
Specialties:	<input type="checkbox"/> Emer. Power	<input type="checkbox"/> Emer. Light	<input type="checkbox"/> Other _____	
Communication:	<input type="checkbox"/> CCTV _____	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input checked="" type="checkbox"/> Computer Jack <input type="checkbox"/> TV
	<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> Paging

Remarks: _____

Electrical

Fixtures:	<input type="checkbox"/> Toilet-Std. Ht.	<input type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> Toilet-Hdcp. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
	<input type="checkbox"/> Sink	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: _____

Plumb.

Air Changes:	_____ Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure:	<input type="checkbox"/> Positive	<input type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls:	<input checked="" type="checkbox"/> Room	<input type="checkbox"/> Zone	<input type="checkbox"/> Other _____

Remarks: _____

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Employee Breakroom

Room #: _____



Architectural

Floor: Carpet Adjacency: Offices
Base: Rubber Area: 150 SF
Walls: Painted Gypsum Board Occupancy: B, 8-10 People
Ceiling: Acoustical Tile Glazing/Opening: NR
Ceiling Ht.: 9'-0 Door Width: 36"
Tackboard: 4' Fire Rating: NR
Markerboard: NR Material: (Dr) Wood (Frm) HM
Window: NR Door Locks: Passage Function
Remarks: _____

Description

Equipment

Cabinets and Countertop.....	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
Refrigerator, Microwave, Coffee Maker.....	<input checked="" type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
.....	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
.....	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
.....	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Electrical

Lighting: ☒ LED ☐ Fluorescent ☐ Incandescent ☐ Dimmer
Receptacles: ☒ Regular ☐ Tamperproof ☐ Switched ☒ G.F.I.
Specialties: ☐ Emer. Power ☐ Emer. Light ☐ Other _____
Communication: ☐ CCTV _____ ☐ Intercom ☐ Patient Call ☒ Computer Jack ☐ TV
☒ Telephone ☐ Pat. Monitor ☐ Staff Assist. Call ☐ Paging
Remarks: Power as required for appliances

Plumb.

Fixtures: ☐ Toilet-Std. Ht. ☐ Floor Drain ☐ Shower ☐ Oxygen
☐ Toilet-Hdcp. Ht. ☐ Tub ☐ Water Cooler ☐ Vacuum
☒ Sink ☐ Lavatory ☐ Equip. Connection ☐ Air
Remarks: _____

HVAC

Air Changes: _____ Per. Hour ☐ Outside ☐ Recirculate
Air Pressure: ☐ Positive ☒ Negative ☐ Equal
Controls: ☒ Room ☐ Zone ☐ Other _____
Remarks: Manually controlled exhaust for odor control

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Event Space

Room #: _____



Architectural

Floor: Carpet Adjacency: Pre-function Lobby, Catering Kitchen
Base: Rubber Area: 4,500 SF
Walls: Painted Gypsum Board, Accent Materials Occupancy: A3, 300 People
Ceiling: Acoustical Tile Glazing/Opening: NR
Ceiling Ht.: 12'-0" minimum Door Width: 96" total minimum, two exits required
Tackboard: NR Fire Rating: NR
Markerboard: NR Material: (Dr) Wood (Frm) HM
Window: Exterior Windows Door Locks: Classroom Function
Remarks: _____

Description

Description	
Table and Chairs	<input checked="" type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
Projection Screen	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
Projector	<input checked="" type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
Multi-flatscreen array	<input checked="" type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
Audio/Visual Systems	<input checked="" type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Equipment

Lighting: ☒ LED ☐ Fluorescent ☐ Incandescent ☒ Dimmer
Receptacles: ☒ Regular ☐ Tamperproof ☐ Switched ☐ G.F.I.
Specialties: ☐ Emer. Power ☒ Emer. Light ☐ Other _____
Communication: ☐ CCTV ☐ Intercom ☐ Patient Call ☒ Computer Jack ☐ TV
☒ Telephone ☐ Pat. Monitor ☐ Staff Assist. Call ☐ Paging

Remarks: Power as required for appliances

Electrical

Fixtures: ☐ Toilet-Std. Ht. ☐ Floor Drain ☐ Shower ☐ Oxygen
☐ Toilet-Hdcp. Ht. ☐ Tub ☐ Water Cooler ☐ Vacuum
☐ Sink ☐ Lavatory ☐ Equip. Connection ☐ Air

Remarks: _____

Plumb.

Air Changes: _____ Per. Hour ☐ Outside ☐ Recirculate
Air Pressure: ☐ Positive ☒ Negative ☐ Equal
Controls: ☒ Room ☐ Zone ☐ Other _____

Remarks: Manually controlled exhaust for odor control

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Pre-Function / Lobby

Room #: _____



Floor: <u>Tile & Carpet</u>	Adjacency: <u>Entrance, Reception, Event Space</u>
Base: <u>Tile</u>	Area: <u>1,500 SF</u>
Walls: <u>Painted Gypsum Board, Accent Materials</u>	Occupancy: <u>A3</u>
Ceiling: <u>Acoustical Tile or Wood</u>	Glazing/Openings: <u>Non-Rated</u>
Ceiling Ht.: <u>12'-0 minimum</u>	Door Width: <u>As required by code</u>
Tackboard: <u>NR</u>	Fire Rating: <u>Non-Rated</u>
Markerboard: <u>NR</u>	Material: (Dr) <u>Wood</u> (Frm) <u>HM</u>
Window: <u>Visibility to Entrances</u>	Door Locks: <u>NR</u>
Remarks: <u>Custom Signage and/or artwork, accent feature such as fireplace</u>	

Architectural

Description

Lobby Furniture	<input checked="" type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Equipment

Lighting:	<input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input type="checkbox"/> Dimmer
Receptacles:	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input type="checkbox"/> G.F.I.
Specialties:	<input type="checkbox"/> Emer. Power	<input type="checkbox"/> Emer. Light	<input type="checkbox"/> Other	
Communication:	<input type="checkbox"/> CCTV	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input type="checkbox"/> Computer Jack <input type="checkbox"/> TV
	<input type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> Paging

Remarks: _____

Electrical

Fixtures:	<input type="checkbox"/> Toilet-Std. Ht.	<input type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> Toilet-Hdcp. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
	<input type="checkbox"/> Sink	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: _____

Plumb.

Air Changes:	<u> </u> Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure:	<input type="checkbox"/> Positive	<input type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls:	<input checked="" type="checkbox"/> Room	<input type="checkbox"/> Zone	<input type="checkbox"/> Other

Remarks: _____

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: AV Control Room

Room #: _____



Floor: <u>Carpet</u>	Adjacency: <u>Event Space</u>
Base: <u>Rubber</u>	Area: <u>80 SF</u>
Walls: <u>Painted Gypsum Board</u>	Occupancy: <u>B</u>
Ceiling: <u>Acoustical Tile</u>	Glazing/Opening: <u>NR</u>
Ceiling Ht.: <u>9'-0</u>	Door Width: <u>36"</u>
Tackboard: <u>NR</u>	Fire Rating: <u>NR</u>
Markerboard: <u>NR</u>	Material: <u>(Dr) Wood</u> <u>(Frm) HM</u>
Window: <u>Visual to Event Space</u>	Door Locks: <u>Office Function</u>
Remarks: _____	

Architectural

Description

Casework and Counters	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Equipment

Lighting:	<input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input checked="" type="checkbox"/> Dimmer
Receptacles:	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input type="checkbox"/> G.F.I.
Specialties:	<input type="checkbox"/> Emer. Power	<input type="checkbox"/> Emer. Light	<input type="checkbox"/> Other _____	
Communication:	<input type="checkbox"/> CCTV _____	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input checked="" type="checkbox"/> Computer Jack <input type="checkbox"/> TV
	<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> Paging

Remarks: Power and connections to Event Space as required for A/V equipment and control

Electrical

Fixtures:	<input type="checkbox"/> Toilet-Std. Ht.	<input type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> Toilet-Hdcp. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
	<input type="checkbox"/> Sink	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: _____

Plumb.

Air Changes:	_____ Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure:	<input type="checkbox"/> Positive	<input type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls:	<input checked="" type="checkbox"/> Room	<input type="checkbox"/> Zone	<input type="checkbox"/> Other _____

Remarks: _____

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Coat Room

Room #: _____



Architectural

Floor: Carpet **Adjacency:** Pre-function Lobby
Base: Rubber **Area:** 100 SF
Walls: Painted Gypsum Board **Occupancy:** B
Ceiling: Acoustical Tile **Glazing/Opening:** NR
Ceiling Ht.: 9'-0 **Door Width:** 36" minimum opening
Tackboard: NR **Fire Rating:** NR
Markerboard: NR **Material:** (Dr) NR (Frm) NR
Window: NR **Door Locks:** Office Function
Remarks: _____

Description

Description	
Coat Rods and Shelves	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Equipment

Lighting: ☒ LED ☐ Fluorescent ☐ Incandescent ☐ Dimmer
Receptacles: ☒ Regular ☐ Tamperproof ☐ Switched ☐ G.F.I.
Specialties: ☐ Emer. Power ☐ Emer. Light ☐ Other _____
Communication: ☐ CCTV _____ ☐ Intercom ☐ Patient Call ☐ Computer Jack ☐ TV
☐ Telephone ☐ Pat. Monitor ☐ Staff Assist. Call ☐ Paging

Remarks: Power and connections to Event Space as required for A/V equipment and control

Electrical

Fixtures: ☐ Toilet-Std. Ht. ☐ Floor Drain ☐ Shower ☐ Oxygen
☐ Toilet-Hdcp. Ht. ☐ Tub ☐ Water Cooler ☐ Vacuum
☐ Sink ☐ Lavatory ☐ Equip. Connection ☐ Air

Remarks: _____

Plumb.

Air Changes: _____ Per. Hour ☐ Outside ☐ Recirculate
Air Pressure: ☐ Positive ☐ Negative ☐ Equal
Controls: ☐ Room ☒ Zone ☐ Other _____

Remarks: _____

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Catering Kitchen

Room #: _____



Floor: <u>Quarry Tile or Seamless Epoxy</u>	Adjacency: <u>Event Space, Pre-function Lobby</u>
Base: <u>Tile</u>	Area: <u>300 SF</u>
Walls: <u>Ceramic tile</u>	Occupancy: <u>B</u>
Ceiling: <u>Washable Acoustical Tile</u>	Glazing/Opening: <u>NR</u>
Ceiling Ht.: <u>9'-0</u>	Door Width: <u>36" minimum opening</u>
Tackboard: <u>NR</u>	Fire Rating: <u>NR</u>
Markerboard: <u>NR</u>	Material: <u>(Dr) Wood (Frm) HM</u>
Window: <u>NR</u>	Door Locks: <u>Office Function</u>
Remarks: _____	

Architectural

Description

Food Service Equipment	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Equipment

Lighting: <input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input type="checkbox"/> Dimmer
Receptacles: <input type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input checked="" type="checkbox"/> G.F.I.
Specialties: <input type="checkbox"/> Emer. Power	<input type="checkbox"/> Emer. Light	<input type="checkbox"/> Other _____	
Communication: <input type="checkbox"/> CCTV _____	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input type="checkbox"/> Computer Jack <input type="checkbox"/> TV
<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> Paging

Remarks: Power and connections to food service equipment

Electrical

Fixtures: <input type="checkbox"/> Toilet-Std. Ht.	<input checked="" type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
<input type="checkbox"/> Toilet-Hdcp. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
<input checked="" type="checkbox"/> Sink	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: Handsink and 3-compartment sink. Plumbing connections to foodservice equipment as req'd.

Plumb.

Air Changes: _____ Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure: <input type="checkbox"/> Positive	<input checked="" type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls: <input checked="" type="checkbox"/> Room	<input type="checkbox"/> Zone	<input type="checkbox"/> Other _____

Remarks: Exhaust ventilation for heat and odor control

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Table & Chair Storage

Room #: _____



Floor: <u>Sealed Concrete</u>	Adjacency: <u>Event Space</u>
Base: <u>Rubber</u>	Area: <u>300 SF</u>
Walls: <u>Painted Gypsum Board</u>	Occupancy: <u>B</u>
Ceiling: <u>Acoustical Tile</u>	Glazing/Opening: <u>NR</u>
Ceiling Ht.: <u>9'-0</u>	Door Width: <u>72" minimum opening</u>
Tackboard: <u>NR</u>	Fire Rating: <u>NR</u>
Markerboard: <u>NR</u>	Material: <u>(Dr) Wood (Frm) HM</u>
Window: <u>NR</u>	Door Locks: <u>Office Function</u>
Remarks: _____	

Architectural

Description

.....	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
.....	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
.....	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
.....	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
.....	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Equipment

Lighting:	<input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input type="checkbox"/> Dimmer
Receptacles:	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input type="checkbox"/> G.F.I.
Specialties:	<input type="checkbox"/> Emer. Power	<input type="checkbox"/> Emer. Light	<input type="checkbox"/> Other _____	
Communication:	<input type="checkbox"/> CCTV _____	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input type="checkbox"/> Computer Jack <input type="checkbox"/> TV
	<input type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> Paging
Remarks: _____				

Electrical

Fixtures:	<input type="checkbox"/> Toilet-Std. Ht.	<input type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> Toilet-Hdcp. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
	<input type="checkbox"/> Sink	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: _____

Plumb.

Air Changes:	_____ Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure:	<input type="checkbox"/> Positive	<input type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls:	<input type="checkbox"/> Room	<input checked="" type="checkbox"/> Zone	<input type="checkbox"/> Other _____
Remarks: _____			

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Toilet Rooms

Room #: _____



Architectural

Floor: Tile Adjacency: _____
Base: Tile Area: As Programmed
Walls: Tile Wainscot, Painted GWB above Occupancy: B
Ceiling: Acoustical Tile Glazing/Opening: NR
Ceiling Ht.: 9'-0 Door Width: 36" minimum opening
Tackboard: NR Fire Rating: NR
Markerboard: NR Material: (Dr) Wood (Frm) HM
Window: NR Door Locks: Passage Function
Remarks: _____

Description

Equipment

Vanity Countertops	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
Toilet and Urinal Partitions, toilet accessories	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
Toilet Paper and Paper towel dispensers	<input type="checkbox"/> O.F.O.I. <input checked="" type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
Hand Dryers	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Lighting: ☒ LED ☐ Fluorescent ☐ Incandescent ☐ Dimmer
Receptacles: ☐ Regular ☐ Tamperproof ☐ Switched ☒ G.F.I.
Specialties: ☐ Emer. Power ☐ Emer. Light ☐ Other _____
Communication: ☐ CCTV ☐ Intercom ☐ Patient Call ☐ Computer Jack ☐ TV
☐ Telephone ☐ Pat. Monitor ☐ Staff Assist. Call ☐ Paging

Electrical

Remarks: Power for hand dryers

Fixtures: ☒ Toilet-Std. Ht. ☒ Floor Drain ☐ Shower ☐ Oxygen
☒ Toilet-Hdcp. Ht. ☐ Tub ☒ Water Cooler ☐ Vacuum
☒ Sink ☐ Lavatory ☐ Equip. Connection ☐ Air

Plumb.

Remarks: _____

Air Changes: _____ Per. Hour ☐ Outside ☐ Recirculate
Air Pressure: ☐ Positive ☒ Negative ☐ Equal
Controls: ☐ Room ☒ Zone ☐ Other _____

HVAC

Remarks: Exhaust ventilation for odor control

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Custodial Rooms

Room #: _____



Architectural

Floor: Tile Adjacency: _____
Base: Tile Area: 100 SF
Walls: Tile Wainscot, Painted GWB above Occupancy: B
Ceiling: Acoustical Tile Glazing/Opening: NR
Ceiling Ht.: 9'-0 Door Width: 36" minimum opening
Tackboard: NR Fire Rating: NR
Markerboard: NR Material: (Dr) Wood (Frm) HM
Window: NR Door Locks: Storeroom Function
Remarks: _____

Description

Equipment

Mop rack and shelf	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
Shelving	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Lighting:	<input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input type="checkbox"/> Dimmer
Receptacles:	<input type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input checked="" type="checkbox"/> G.F.I.
Specialties:	<input type="checkbox"/> Emer. Power	<input type="checkbox"/> Emer. Light	<input type="checkbox"/> Other _____	
Communication:	<input type="checkbox"/> CCTV _____	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input type="checkbox"/> Computer Jack <input type="checkbox"/> TV
	<input type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> Paging

Remarks: Power charging cleaning equipment or tools

Electrical

Fixtures:	<input type="checkbox"/> Toilet-Std. Ht.	<input checked="" type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> Toilet-Hdep. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
	<input checked="" type="checkbox"/> Sink Mop	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: Verify water and drain requirements for cleaning equipment

Plumb.

Air Changes:	_____ Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure:	<input type="checkbox"/> Positive	<input checked="" type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls:	<input type="checkbox"/> Room	<input checked="" type="checkbox"/> Zone	<input type="checkbox"/> Other _____

Remarks: Exhaust ventilation for odor and moisture control

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Mechanical Room

Room #: _____



Architectural

Floor: Sealed Concrete Adjacency: Exterior, for air Intake and Exhaust
Base: Rubber Area: 1,000 SF
Walls: Painted Gypsum Board Occupancy: B
Ceiling: None Glazing/Opening: NR
Ceiling Ht.: Open to structure Door Width: 72" minimum opening
Tackboard: NR Fire Rating: NR
Markerboard: NR Material: (Dr) HM (Frm) HM
Window: NR Door Locks: Storeroom Function
Remarks: _____

Description

Equipment

Fire Extinguisher _____
_____ ☐ O.F.O.I. ☐ O.F.C.I. ☐ O.F. ☒ C.F.
_____ ☐ O.F.O.I. ☐ O.F.C.I. ☐ O.F. ☐ C.F.
_____ ☐ O.F.O.I. ☐ O.F.C.I. ☐ O.F. ☐ C.F.
_____ ☐ O.F.O.I. ☐ O.F.C.I. ☐ O.F. ☐ C.F.
_____ ☐ O.F.O.I. ☐ O.F.C.I. ☐ O.F. ☐ C.F.

Electrical

Lighting: ☒ LED ☐ Fluorescent ☐ Incandescent ☐ Dimmer
Receptacles: ☐ Regular ☐ Tamperproof ☐ Switched ☒ G.F.I.
Specialties: ☐ Emer. Power ☒ Emer. Light ☐ Other _____
Communication: ☐ CCTV _____ ☐ Intercom ☐ Patient Call ☒ Computer Jack ☐ TV
☒ Telephone ☐ Pat. Monitor ☐ Staff Assist. Call ☐ Paging
Remarks: _____

Plumb.

Fixtures: ☐ Toilet-Std. Ht. ☒ Floor Drain ☐ Shower ☐ Oxygen
☐ Toilet-Hdep. Ht. ☐ Tub ☐ Water Cooler ☐ Vacuum
☐ Sink Mop ☐ Lavatory ☐ Equip. Connection ☐ Air

Remarks: Verify water and drain requirements for mechanical equipment

HVAC

Air Changes: _____ Per. Hour ☐ Outside ☐ Recirculate
Air Pressure: ☐ Positive ☐ Negative ☐ Equal
Controls: ☒ Room ☐ Zone ☐ Other _____
Remarks: _____

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Electrical Room

Room #: _____



Architectural

Floor: Sealed Concrete **Adjacency:** Exterior, for electrical service

Base: Rubber **Area:** 100 SF

Walls: Painted Gypsum Board, Plywood as req'd. **Occupancy:** B

Ceiling: None **Glazing/Opening:** NR

Ceiling Ht.: Open to structure **Door Width:** 36" minimum opening

Tackboard: NR **Fire Rating:** NR

Markerboard: NR **Material:** (Dr) HM (Frm) HM

Window: NR **Door Locks:** Storeroom Function

Remarks: _____

Description

Description	<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input checked="" type="checkbox"/> C.F.
Fire Extinguisher	<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
	<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
	<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
	<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.
	<input type="checkbox"/> O.F.O.I.	<input type="checkbox"/> O.F.C.I.	<input type="checkbox"/> O.F.	<input type="checkbox"/> C.F.

Equipment

Lighting: ☒ LED ☐ Fluorescent ☐ Incandescent ☐ Dimmer

Receptacles: ☒ Regular ☐ Tamperproof ☐ Switched ☐ G.F.I.

Specialties: ☐ Emer. Power ☒ Emer. Light ☐ Other _____

Communication: ☐ CCTV ☐ Intercom ☐ Patient Call ☒ Computer Jack ☐ TV

☒ Telephone ☐ Pat. Monitor ☐ Staff Assist. Call ☐ Paging

Remarks: _____

Electrical

Fixtures: ☐ Toilet-Std. Ht. ☐ Floor Drain ☐ Shower ☐ Oxygen

☐ Toilet-Hdep. Ht. ☐ Tub ☐ Water Cooler ☐ Vacuum

☐ Sink Mop ☐ Lavatory ☐ Equip. Connection ☐ Air

Remarks: _____

Plumb.

Air Changes: _____ Per. Hour ☐ Outside ☐ Recirculate

Air Pressure: ☐ Positive ☐ Negative ☐ Equal

Controls: ☒ Room ☐ Zone ☐ Other _____

Remarks: _____

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Data/IT Closet

Room #: _____



Floor: <u>Sealed Concrete</u>	Adjacency: <u>Central to all functions</u>
Base: <u>Rubber</u>	Area: <u>80 SF</u>
Walls: <u>Painted Gypsum Board, Plywood as req'd.</u>	Occupancy: <u>B</u>
Ceiling: <u>None</u>	Glazing/Opening: <u>NR</u>
Ceiling Ht.: <u>Open to structure</u>	Door Width: <u>36" minimum opening</u>
Tackboard: <u>NR</u>	Fire Rating: <u>NR</u>
Markerboard: <u>NR</u>	Material: <u>(Dr) Wood (Frm) HM</u>
Window: <u>NR</u>	Door Locks: <u>Storeroom Function</u>
Remarks: _____	

Architectural

Description

Fire Extinguisher	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input checked="" type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Equipment

Lighting:	<input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input type="checkbox"/> Dimmer
Receptacles:	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input type="checkbox"/> G.F.I.
Specialties:	<input type="checkbox"/> Emer. Power	<input checked="" type="checkbox"/> Emer. Light	<input type="checkbox"/> Other _____	
Communication:	<input type="checkbox"/> CCTV _____	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input checked="" type="checkbox"/> Computer Jack <input type="checkbox"/> TV
	<input checked="" type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> Paging

Remarks: Verify electrical power requirements with IT equipment

Electrical

Fixtures:	<input type="checkbox"/> Toilet-Std. Ht.	<input type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> Toilet-Hdep. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
	<input type="checkbox"/> Sink Mop	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: _____

Plumb.

Air Changes:	_____ Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure:	<input type="checkbox"/> Positive	<input type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls:	<input checked="" type="checkbox"/> Room	<input type="checkbox"/> Zone	<input type="checkbox"/> Other _____

Remarks: Added air-conditioning (cooling) for equipment required.

HVAC

Remark

Project: MSU-Moorhead Alumni Center

Room Name: Storage, General

Room #: _____



Floor: <u>Sealed Concrete</u>	Adjacency: _____
Base: <u>Rubber</u>	Area: <u>500 SF</u>
Walls: <u>Painted Gypsum Board</u>	Occupancy: <u>B</u>
Ceiling: <u>NR</u>	Glazing/Openings: <u>NR</u>
Ceiling Ht.: <u>Open to Structure</u>	Door Width: <u>36" minimum opening</u>
Tackboard: <u>NR</u>	Fire Rating: <u>NR</u>
Markerboard: <u>NR</u>	Material: <u>(Dr) Wood (Frm) HM</u>
Window: <u>NR</u>	Door Locks: <u>Storeroom Function</u>
Remarks: _____	

Architectural

Description

Shelving units _____	<input checked="" type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.
_____	<input type="checkbox"/> O.F.O.I. <input type="checkbox"/> O.F.C.I. <input type="checkbox"/> O.F. <input type="checkbox"/> C.F.

Equipment

Lighting:	<input checked="" type="checkbox"/> LED	<input type="checkbox"/> Fluorescent	<input type="checkbox"/> Incandescent	<input type="checkbox"/> Dimmer
Receptacles:	<input checked="" type="checkbox"/> Regular	<input type="checkbox"/> Tamperproof	<input type="checkbox"/> Switched	<input type="checkbox"/> G.F.I.
Specialties:	<input type="checkbox"/> Emer. Power	<input type="checkbox"/> Emer. Light	<input type="checkbox"/> Other _____	
Communication:	<input type="checkbox"/> CCTV _____	<input type="checkbox"/> Intercom	<input type="checkbox"/> Patient Call	<input type="checkbox"/> Computer Jack <input type="checkbox"/> TV
	<input type="checkbox"/> Telephone	<input type="checkbox"/> Pat. Monitor	<input type="checkbox"/> Staff Assist. Call	<input type="checkbox"/> Paging

Remarks: _____

Electrical

Fixtures:	<input type="checkbox"/> Toilet-Std. Ht.	<input type="checkbox"/> Floor Drain	<input type="checkbox"/> Shower	<input type="checkbox"/> Oxygen
	<input type="checkbox"/> Toilet-Hdcp. Ht.	<input type="checkbox"/> Tub	<input type="checkbox"/> Water Cooler	<input type="checkbox"/> Vacuum
	<input type="checkbox"/> Sink	<input type="checkbox"/> Lavatory	<input type="checkbox"/> Equip. Connection	<input type="checkbox"/> Air

Remarks: _____

Plumb.

Air Changes:	_____ Per. Hour	<input type="checkbox"/> Outside	<input type="checkbox"/> Recirculate
Air Pressure:	<input type="checkbox"/> Positive	<input type="checkbox"/> Negative	<input type="checkbox"/> Equal
Controls:	<input checked="" type="checkbox"/> Room	<input type="checkbox"/> Zone	<input type="checkbox"/> Other _____

Remarks: _____

HVAC

Remark

APPENDIX B – ASBESTOS SURVEY REPORT

August 14, 2019

Minnesota State University Moorhead
Attn: Brenda Norris
1104 Seventh Avenue South
Moorhead, MN 56563

Report for: UPDATE: Asbestos Survey/Sampling
Newman Center, MSUM, Moorhead, MN

LEGEND Project No. 1902427

1.0 INTRODUCTION

This is the updated final report of LEGEND TECHNICAL SERVICES, INC. (LEGEND) asbestos materials survey performed at Newman Center located on the campus of Minnesota State University Moorhead, MN.

The site work was performed on June 19 and August 1, 2019. Regulated materials quantification and asbestos survey was performed by Mr. Mark Waltz, MN Asbestos Inspector #AI1723 and Mr. Jesse Molstre, MN Asbestos Inspector #AI12042. Access to the building was coordinated by Mrs. Brenda Norris of MSUM.

Seventy-One (71) bulk samples were collected for laboratory analysis of asbestos content during the initial survey. Nine (9) of the samples tested positive for asbestos. A return trip on August 1, 2019 was coordinated with a roofing contractor to sample to roofing materials. Nine (9) additional bulk samples were collected from the roof for laboratory analysis of asbestos content. **None (0) of the roofing samples contain asbestos.** Refer to section 4.1 for additional information.

2.0 BACKGROUND INFORMATION

Newman Center building consists of brick and CMU exterior walls and a flat roof system (with shingles over the North Entrances. The HVAC system consists of boiler with no AC and hard fittings on fiberglass pipes. Windows were mostly wood with no glazing. However front entrance windows had caulk or glazing.

The roof of the building consists of a lower rubber roof and an upper rubber roof covered by rock. The lower roof layers consisted of rubber membrane, ½" buffalo board, 5" Styrofoam insulation, tar paper, 3" buffalo board with a bottom layer of tar paper on a wood deck. The upper roof consists of rock over rubber membrane, 2" Styrofoam insulation, ½" black tar, 1" buffalo board, tar paper, plastic vapor barrier and a final layer of black tar paper on a wood deck.

Exterior walls are concrete masonry with brick. The interior wall finishes included hard plaster, concrete, brick and gypsum wallboard and several types of texture. The ceilings of the building

consisted of concrete, gypsum wall board, skim and base plaster. The buildings flooring consisted of 9" and 12" floor tiles, carpet over floor tile and ceramic floor tiles on floors, landing and steps.

Refer to section 4.1 for additional information.

3.0 **METHODOLOGIES**

3.1 Asbestos Sampling/Analysis Survey

LEGEND conducted the asbestos survey by collecting at least one sample of each suspect miscellaneous material and at least three samples of each suspect surfacing material and or thermal system insulation (TSI). LEGEND has also quantified each of the building materials that were identified as asbestos containing by laboratory analysis. LEGEND pulled carpet in each room or hallway where carpet was observed to check for potential hidden flooring. Please note that LEGEND did not conduct a complete destructive survey, thus there is potential that additional asbestos-containing materials (ACM) exist and may be discovered over the course of renovation activity that is unaccounted for by this survey. The most probable areas where additional ACM may be discovered are in pipe chases, soffits, and boxouts.

Analysis for the presence of asbestos fibers in bulk samples was performed at LEGEND's Saint Paul, MN laboratory. The analysis was performed in accordance with United States Environmental Protection Agency (US EPA) protocols, "Method for the Determination of Asbestos in Bulk Building Materials", EPA 600/R-93/116, 1993. An asbestos containing material is defined as any material containing greater than one percent asbestos as analyzed by Polarized Light Microscopy (PLM).

The EPA definition of asbestos containing materials (ACM) regarding building materials states any materials containing *greater than 1% asbestos* by volume is classified as asbestos containing. For materials in which multiple samples have been collected, only one sample needs to result at greater than 1% asbestos content to consider all of that given material as asbestos containing.

Please refer to the attached asbestos bulk table (Table #1) for complete analytical results regarding each of the asbestos bulk samples collected.

The following building materials were sampled and tested for asbestos content:

Skim Coat Wall Plaster	Base Coat Wall Plaster
Skim Coat Ceiling Plaster	Base Coat Ceiling Plaster
Gypsum Wallboard (GWB)	GWB Joint Compound
Soffit Skim Coat Hard Plaster	Soffit Base Coat Hard Plaster
Heavy Wall Texture on GWB	Hard Fitting on Fiber Glass (Supply Line)
Hard Fitting on Fiber Glass (Return Line)	Adhesive on Ceramic Floor Tiles
TSI on Water Main	TSI on Fiber Glass
9" Floor Tile (3 types)	12" Floor Tile (2 types)
Floor tile Mastic	Carpet Mastic

Residual Mastic (2 types)	Ceramic Floor Tile
Thin Set (2 types)	Grout for Ceramic Floor Tile
Black Vinyl Cove Base Mastic	Black HVAC Canvas Connector
Grey Sink Undercoating	Black Vapor Barrier Paper on Concrete
Building Seam Caulk on Concrete	Window Glazing
Window Caulk	Black Flashing Tar
Hard Fitting Pipe Insulation (3 types)	Black Tar Papered Asphalt Shingle
Buffalo Board	Tar Paper
Black Tar	

4.0 **FINDINGS**

4.1 **Asbestos Survey Findings/Results**

Nine (9) of the seventy-one (80) bulk samples collected and analyzed by LEGEND contain asbestos.

9" floor tiles tested positive for asbestos, but the black mastic was negative. The 9" floor tile in rooms: 1A, 3, 4, 6, 11, 12, 13 and 21 were found in the basement and first floor. All of the 9" floor tile was a single layer on concrete. Please refer to the table and drawings for additional details on rooms with 9" floor tile.

9" floor tile under carpet tested positive for asbestos but the black mastic was negative. Rooms: 2, 5, 7, 9, 10, 15, 16 and 16A. The 9" floor tile is found in the basement and first floor. Please refer to the table and drawings for additional details on rooms with 9" floor tile and mastic.

Gray sink undercoating (sample 59) was in room 15 (kitchen) North Wall and contained asbestos. Other materials that tested positive for asbestos were:

- **Interior window glazing** (sample 63) on the East main entrance.
- **Exterior window caulk** (sample 67) on Exterior East Side South windows in rooms 1a and 3.

The following table provides a list of each asbestos containing building material (ACBM) in the building with room locations and approximate quantities. The costs presented below are estimates only. Abatement contractors typically will have a mobilization cost that will vary by the size and type of abatement project. The prices below reflect abatement costs for each individual material.

Asbestos Containing Building Materials and Estimated Removal Costs:

ASBESTOS MATERIAL	LOCATION	APPROXIMATE QUANTITY	Estimated Abatement Costs
9" Floor Tile beneath Carpet (negative mastic) (CAT I)	Rooms: 2, 5, 7, 9, 10, 15, 16 and 16A	2,600 ft ²	\$6.00/ ft ² = \$15,600
9" Floor Tile (negative mastic) (CAT I)	Rooms: 1A, 3, 4, 6, 11, 12, 13, 21	3,000 ft ²	\$5.00/ft ² =\$15,000
Gray sink undercoating (CAT II)	Room 15 Kitchen North Wall Gray Sink	1	\$100
Brown window glazing (CAT II)	Interior East Main Entrance	11	\$1,500
Window caulk (CAT II)	Exterior East Side South Window 1 st Floor	2	\$300
Asbestos Abatement Air Monitoring		10 Hrs/Day	\$750.00 per 10 Hour Day = \$7,500
Abatement Contractor Mobilization Fee		1 Each	\$500.00
TOTAL ESTIMATED ASBESTOS ABATEMENT COST			\$40,500.00

- **RACM (Regulated Asbestos Containing Material)** means: **[A]** friable ACM. **[B]** Category I non-friable ACM that has become friable. **[C]** Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or **[D]** Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

- **Category I non-friable ACM** – is any asbestos-containing packing, gasket, resilient floor covering or asphalt roofing product which contains more than one percent (1%) asbestos as determined using polarized light microscopy (PLM) according to the method specified in Appendix A, Subpart F, 40 CFR Part 763. (Sec. 61.141)

- **Category II non-friable ACM** – is any material, excluding Category I non-friable ACM, containing more than one percent (1%) asbestos as determined using polarized light microscopy according to the methods specified in Appendix A, Subpart F, 40 CFR Part 763 that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. (Sec. 61.141)

- **Friable Asbestos-Containing Material** - is any material containing more than 1% asbestos that when dry can be crumbled, pulverized, or reduced to powder by hand pressure or by mechanical forces expected to act on the material.

4.2 Regulated Materials & Additional Environmental Hazard Survey Results

LEGEND personnel conducted a visual survey for hazardous materials and household hazardous waste.

4.2.1 Solid Waste

Solid waste was located in the facility. Solid waste includes any materials that are not building materials or hazardous materials (i.e. chairs, desks, free-standing shelves, furniture, etc.) The building contained large quantities of these materials, which were too numerous to address. In the event of the buildings demolition these items cannot be included with the construction debris and must be removed prior to demolition.

5.0 MISCELLANEOUS HAZARDOUS MATERIALS INVENTORY

The following table lists miscellaneous components found throughout the building that have special disposal requirements due to certain environmentally unfriendly chemicals that exist within them. These materials are on the MCPA Pre-Demolition Environmental Checklist and Guide and are required to be removed prior to demolition.

Thermostats	2
Exit Signs	5
Door Closures	17
Fire Alarms	2
Smoke Detectors	7
Emergency Lights	1
Fluorescent Lights	63

Note: These quantities are estimated to be accurate within a 10% margin of error.

6.0 RECOMMENDATIONS

LEGEND understands the building is scheduled to be renovated in the future.

6.1 Asbestos Containing Materials (ACMs)

The category I and category II (**CAT I: floor tiles, CAT II: sink undercoating, window caulk and glazing**) non-friable asbestos-containing materials identified in section 4.1 are required to be properly removed by a Minnesota licensed abatement contractor if they are anticipated to be disturbed in such a manner as to render the material friable.

Alternatively, a general contractor may remove these CAT I and II asbestos containing materials by hand methods only, if they are kept non-friable and properly disposed of separately at an approved landfill that accepts asbestos wastes. The use of mechanically powered tools, including mastic buffers, to directly remove these CAT I and II materials without proper personnel, containment, and protective equipment is prohibited.

LEGEND recommends the removal of all CAT I and CAT II ACM be performed by a state licensed abatement contractor to avoid the possibility of the accidental release of un-contained asbestos fibers into the air during removal by untrained, unprotected workers.

LEGEND did not perform a complete demolition survey (intrusive sampling) at the time of the survey. Therefore, it is possible hidden materials exist in wall cavities or ceiling cavities in the building.

LEGEND did not sample the main roofing materials at the time of the survey. LEGEND recommends sampling roofing materials prior to demolition or assuming they contain asbestos.

Should additional materials not identified in this report be uncovered during asbestos demolition activities, these materials should be tested for asbestos content by certified personnel prior to impacting or additional disturbance of the materials.

All maintenance staff and outside contractors should be made aware of the asbestos in the facility. Non-friable asbestos containing material including floor tile should not be cut, drilled, sanded, abraded, etc. without proper tools or containment.

LEGEND recommends attaining an environmental consulting firm to prepare abatement specifications, conduct bidding services, and provide project management, oversight, and air monitoring services during the abatement and removal of hazardous materials.

6.2 Hazardous Materials

Please see section 5.0 for the inventory list of identified hazardous materials.

The hazardous materials in this report identify only items attached to the structure. Non-structural building materials were not included in the survey. The hazardous materials identified should be removed prior to renovation for proper disposal or recycling.

Solid waste items must be removed prior to demolition as well. This includes all free-standing chairs, desks, furniture, paper, etc. Solid waste items are not allowed with general construction debris.

7.0 STANDARD OF CARE

Cost estimates included in this report are for budgeting purposes only and reflect structures being abated separately.

The recommendations in this report represent our professional opinions. These opinions were arrived at in accordance with currently accepted industrial hygiene and asbestos consulting practices at this time and location. Other than this, no warranty is implied or intended.

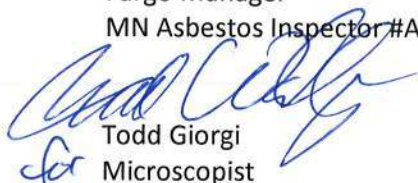
The samples will be retained by our laboratory for 30 days from the date of this report and then discarded unless other instructions are received from the client.

Cordially,

LEGEND Technical Services, Inc.



Mark Waltz
Fargo Manager
MN Asbestos Inspector #AI1723



Todd Giorgi
Microscopist



Jesse Molstre
Industrial Hygienist
MN Asbestos Inspector #AI12042

LEGEND TECHNICAL SERVICES, INC.

TABLE #1

LEGEND No. 1902427

MSUM Newman Center
707 11th Street South, Moorhead MN

ASBESTOS BULK SAMPLE RESULTS TABLE

SAMPLE NO.	LAB NO.	LOCATION	MATERIAL/		ASBESTOS CONTENT	BALANCE OF MATERIAL
			PHYSICAL DESCRIPTION			
1	1902427-1	Room 16A North West Corner by Boiler Room Door Entrance	Skim Ceiling Plaster White, Cementitious Homogeneous		None Detected	100% Non-Fibrous
2	1902427-2	Room 16A North West Corner by Boiler Room Door Entrance	Base Ceiling Plaster Grey, Cementitious Homogeneous		None Detected	<1% Cellulose 99% Non-Fibrous
3	1902427-3	Room 18A North East Opposite Air Duct	Skim Ceiling Plaster White, Cementitious Homogeneous		None Detected	99% Non-Fibrous <1% Glass
4	1902427-4	Room 18A North East Opposite Air Duct	Base Ceiling Plaster Grey, Cementitious Homogeneous		None Detected	<1% Cellulose 99% Non-Fibrous
5	1902427-5	Room 21 East End	Soffit Skim Coat Hard Plaster Grey, Cementitious Homogeneous		None Detected	<1% Cellulose 98% Non-Fibrous <1% Glass
6	1902427-6	Room 21 East End	Soffit Base Coat Hard Plaster Grey, Cementitious Homogeneous		None Detected	2% Cellulose 98% Non-Fibrous
7	1902427-7	Room 2 North Partition Wall by Entrance	Gypsum Wallboard (GWB) White, Cementitious Homogeneous		None Detected	5% Cellulose 95% Non-Fibrous
8	1902427-8	Room 2 North Partition Wall by Entrance	Joint Compound (7) White, Cementitious Homogeneous		None Detected	<1% Cellulose 99% Non-Fibrous

LEGEND TECHNICAL SERVICES, INC.

TABLE 1 (continued)

LEGEND No. 1902427

ASBESTOS BULK SAMPLE RESULTS TABLE

SAMPLE NO.	LAB NO.	LOCATION	MATERIAL/ PHYSICAL DESCRIPTION	ASBESTOS CONTENT	BALANCE OF MATERIAL
9	1902427-9	Room 2 North Partition Wall by Entrance	Composite (#7,8) White, Cementitious Layered	-	Not Analyzed
10	1902427-10	Room 4 South wall East End	Gypsum Wall Board White, Cementitious Homogeneous	None Detected	5% Cellulose 95% Non-Fibrous
11	1902427-11	Room 4 South wall East End	Joint Compound #10 White, Cementitious Homogeneous	None Detected	2% Cellulose 98% Non-Fibrous
12	1902427-12	Room 4 South wall East End	Composite (#10,11) White, Cementitious Layered	-	Not Analyzed
13	1902427-13	Room 12 South East Corner by Fireplace	Gypsum Wall Board White, Cementitious Homogeneous	None Detected	5% Cellulose 95% Non-Fibrous
14	1902427-14	Room 12 South East Corner by Fireplace	Joint Compound White, Cementitious Homogeneous	None Detected	2% Cellulose 98% Non-Fibrous
15	1902427-15	Room 12 South East Corner by Fireplace	Composite (#13,14) White, Cementitious Layered	None Detected	Not Analyzed
16	1902427-16	Room 11 South West Corner by Fireplace	Gypsum Wall Board White, Cementitious Homogeneous	None Detected	5% Cellulose 95% Non-Fibrous
17	1902427-17	Room 11 South West Corner by Fireplace	Joint Compound White, Cementitious Homogeneous	None Detected	100% Non-Fibrous

< = Less than the number shown

LEGEND TECHNICAL SERVICES, INC.

TABLE 1 (continued)

LEGEND No. 1902427

ASBESTOS BULK SAMPLE RESULTS TABLE

SAMPLE NO.	LAB NO.	LOCATION	MATERIAL/ PHYSICAL DESCRIPTION	ASBESTOS CONTENT	BALANCE OF MATERIAL
18	1902427-18	Room 11 South West Corner by Fireplace	Composite (#16,17) White, Cementitious Layered	-	Not Analyzed
19	1902427-19	Room 11 South Wall Middle	Heavy Wall Texture on GWB White, Cementitious Homogeneous	None Detected	100% Non-Fibrous
20	1902427-20	Room 12 North Wall by Door to 13.	Heavy Wall Texture on GWB White, Cementitious Homogeneous	None Detected	100% Non-Fibrous
21	1902427-21	Room 13 East Wall Middle	Heavy Wall Texture on GWB White, Cementitious Homogeneous	None Detected	1% Cellulose 99% Non-Fibrous
22	1902427-22	Room 2 North Wall East End on Line to Register	Hard Fitting on Fiber Glass Grey, Cementitious Homogeneous	None Detected	3% Cellulose 77% Non-Fibrous 20% Glass
23	1902427-23	Room 10A South East Corner	Hard Fitting on Fiber Glass Supply Line Grey, Cementitious Homogeneous	Not Analyzed	3% Cellulose 72% Non-Fibrous 25% Glass
24	1902427-24	Room 10A South East Corner	Hard Fitting on Return Line Fiber Glass Grey, Cementitious Homogeneous	None Detected	75% Non-Fibrous 25% Glass
25	1902427-25	Room 11 North Wall East End at Register Return Line	Hard Fitting on Fiber Glass Grey, Cementitious Homogeneous	None Detected	5% Cellulose 75% Non-Fibrous 20% Glass

< = Less than the number shown

LEGEND TECHNICAL SERVICES, INC.

TABLE 1 (continued)

LEGEND No. 1902427

ASBESTOS BULK SAMPLE RESULTS TABLE

SAMPLE NO.	LAB NO.	LOCATION	MATERIAL/		ASBESTOS CONTENT	BALANCE OF MATERIAL
			PHYSICAL DESCRIPTION			
26	1902427-26	Room 11 North Wall East End at Register Supply Line	Hard Fitting on Fiber Glass Grey, Cementitious Homogeneous		None Detected	2% Cellulose 73% Non-Fibrous 25% Glass
27	1902427-27	Room 17 Boiler East End by Door. Large Line Hard Fitting Supply Line	Supply Line on Fiber Glass TSI Grey, Cementitious Homogeneous		None Detected	3% Cellulose 67% Non-Fibrous 30% Glass
28	1902427-28	Boiler Room 17 East Wall End Cap	Hard Fitting TSI for Water Main Grey, Cementitious Homogeneous		None Detected	2% Cellulose 68% Non-Fibrous 30% Glass
29	1902427-29	Room 17 Boiler East Wall	Hard Fitting on Fiber Glass for Water Line above the Water Main Grey, Cementitious Homogeneous		None Detected	<1% Cellulose 74% Non-Fibrous 25% Glass
30	1902427-30	Room 17 East End by Door (Small Line)	Hard Fitting for Fiber Glass TSI Grey, Cementitious Homogeneous		None Detected	<2% Cellulose 73% Non-Fibrous 25% Glass
31	1902427-31	Room 2 Middle of Room	9" Cream Floor Tile with Grey Streaks Grey, Cementitious Homogeneous		2% Chrysotile	98% Non-Fibrous
32	1902427-32	Room 2 Middle of Room	Black Mastic on 9" Cream Floor Tile with Grey Streaks Black, Cementitious Homogeneous		None Detected	3% Cellulose 97% Non-Fibrous
33	1902427-33	Room 2 Middle of Room	9" Grey Floor Tile with White Streaks Grey, Cementitious Homogeneous		2% Chrysotile	98% Non-Fibrous

< = Less than the number shown

LEGEND TECHNICAL SERVICES, INC.

TABLE 1 (continued)

LEGEND No. 1902427

ASBESTOS BULK SAMPLE RESULTS TABLE

SAMPLE NO.	LAB NO.	LOCATION	MATERIAL/ PHYSICAL DESCRIPTION	ASBESTOS CONTENT	BALANCE OF MATERIAL
34	1902427-34	Room 2 Middle of Room	Black Mastic on 9" Grey Floor Tile with White Streaks Black, Cementitious Homogeneous	None Detected	3% Cellulose 97% Non-Fibrous
35	1902427-35	Room 7 South East Corner by Heating Unit	Beige Tile with White Streaks Beige, Cementitious Homogeneous	2% Chrysotile	98% Non-Fibrous
36	1902427-36	Room 7 South East Corner by Heating Unit	Heavy Black Mastic Black, Cementitious Homogeneous	None Detected	100% Non-Fibrous
37	1902427-37	Room 10 East End Elevator	Beige 9" Floor Tile Tan, Cementitious Homogeneous	3% Chrysotile	97% Non-Fibrous
38	1902427-38	Room 10 East End Elevator	Black Mastic Black, Fibrous Homogeneous	None Detected	2% Cellulose 97% Non-Fibrous <1% Hair
39	1902427-39	Room 11 South East Corner	White 9" Floor Tile Grey, Cementitious Homogeneous	2% Chrysotile	98% Non-Fibrous
40	1902427-40	Room 11 South East Corner	Tan Carpet Mastic Tan, Fibrous Homogeneous	None Detected	2% Cellulose 96% Non-Fibrous 2% Synthetic
41	1902427-41	Room 11 South East Corner	Black Mastic on Tile Black, Cementitious Homogeneous	None Detected	5% Cellulose 95% Non-Fibrous

< = Less than the number shown

LEGEND TECHNICAL SERVICES, INC.

TABLE 1 (continued)

LEGEND No. 1902427

ASBESTOS BULK SAMPLE RESULTS TABLE

SAMPLE NO.	LAB NO.	LOCATION	MATERIAL/ PHYSICAL DESCRIPTION	ASBESTOS CONTENT	BALANCE OF MATERIAL
42	1902427-42	Room 21 North West Corner	9" Dark Grey Tiles with White Streaks Grey, Fibrous Homogeneous	3% Chrysotile	97% Non-Fibrous
43	1902427-43	Room 21 North West Corner	Black Mastic on Concrete Black, Cementitious Homogeneous	None Detected	5% Cellulose 94% Non-Fibrous <1% Glass
44	1902427-44	Room 10 South East Elevator	12" Grey Floor Tile Tan, Cementitious Homogeneous	None Detected	100% Non-Fibrous
45	1902427-45	Room 10 South East Elevator	Tan Adhesive Tan, Fibrous Homogeneous	None Detected	<1% Cellulose 99% Non-Fibrous
46	1902427-46	Room 1 Stairwell 2 nd Step from Top	Grey Grout for Ceramic Floor Tile Grey, Cementitious Homogeneous	None Detected	<1% Cellulose 99% Non-Fibrous
47	1902427-47	Room 8 North Wall by Door	Grout for 1" Ceramic Floor Tile Grey, Cementitious/Fibrous Homogeneous	None Detected	<1% Cellulose 99% Non-Fibrous
48	1902427-48	Room 8 North Wall by Door	1" Ceramic Floor Tile Cream, Cementitious Homogeneous	None Detected	100% Non-Fibrous
49	1902427-49	Room 8 North Wall by Door	Black Adhesive on Ceramic Floor Tile, Black Cementitious, Homogeneous	None Detected	5% Cellulose 94% Non-Fibrous <1% Hair

< = Less than the number shown

LEGEND TECHNICAL SERVICES, INC.

TABLE 1 (continued)

LEGEND No. 1902427

ASBESTOS BULK SAMPLE RESULTS TABLE

SAMPLE NO.	LAB NO.	LOCATION	MATERIAL/		ASBESTOS CONTENT	BALANCE OF MATERIAL
			PHYSICAL DESCRIPTION			
50	1902427-50	South Wall East Corner Room 8	White Grout for Peach Ceramic Floor Tile White, Cementitious Homogeneous	None Detected	98% Non-Fibrous 2% Glass	
51	1902427-51	18A by Doorway Hall Entrance	Grout for 12" Ceramic Floor Tile Grey, Cementitious Homogeneous	None Detected	100% Non-Fibrous	
52	1902427-52	18A by Doorway Hall Entrance	Thin set for 12" Ceramic Floor Tile Grey, Cementitious Homogeneous	None Detected	100% Non-Fibrous	
53	1902427-53	Room 20 Northside Restroom Inner Toilet	Grout for 9" Floor Tile Tan, Cementitious Homogeneous	None Detected	<1% Cellulose 99% Non-Fibrous	
54	1902427-54	Room 11 North East Corner	Tan Carpet Adhesive for 9" Floor Tile Tan, Cementitious Homogeneous	None Detected	<1% Cellulose 97% Non-Fibrous 2% Synthetic	
55	1902427-55	Room 7 North Wall West End by Door	Tan Adhesive for Styrofoam Wall Sheet Tan, Cementitious Homogeneous	None Detected	<1% Cellulose 99% Non-Fibrous	
56	1902427-56	Room 2 by South Door Entrance East Wall	Black Vinyl Cove Base Black, Cementitious Homogeneous	None Detected	100% Non-Fibrous	
57	1902427-57	Room 2 by South Door Entrance East Wall	Tan Adhesive on Concrete Wall Tan, Cementitious Homogenous	None Detected	<1% Cellulose 98% Non-Fibrous <1% Synthetic	
58	1902427-58	Room 11 North East Corner by Kitchen	Black HVAC Canvas Connector Black, Cementitious Homogenous	None Detected	5% Non-Fibrous 95% Cellulose	

< = Less than the number shown

LEGEND TECHNICAL SERVICES, INC.

TABLE 1 (continued)

LEGEND No. 1902427

ASBESTOS BULK SAMPLE RESULTS TABLE

SAMPLE NO.	LAB NO.	LOCATION	MATERIAL/ PHYSICAL DESCRIPTION	ASBESTOS CONTENT	BALANCE OF MATERIAL
59	1902427-59	Room 15 Kitchen North Wall Grey Sink	Grey Sink Undercoating Grey, Cementitious Homogenous	5% Chrysotile	3% Cellulose 92% Non-Fibrous
60	1902427-60	Room 10A Ceiling	Black Vapor Barrier Paper on Concrete Black, Cementitious Homogenous	None detected	90% Non-Fibrous 10% Cellulose
61	1902427-61	Exterior Northside East End	White Building Seam Caulk on Concrete Foundation Edge Grey, Cementitious Homogenous	None detected	98% Non-Fibrous 2% Glass
62	1902427-62	Room 1A East Wall Interior	White Window Glazing for Wood Sash Windows White, Cementitious Homogenous	None detected	98% Non-Fibrous <1% Cellulose 1% Glass
63	1902427-63	Interior East Main Entrance	Brown Window Glazing Brown, Cementitious Homogenous	3% Chrysotile	95% Non-Fibrous 2% Cellulose
64	1902427-64	Exterior East Side Main Entrance	White Window Glazing White, Cementitious Homogenous	None detected	100% Non-Fibrous
65	1902427-65	Exterior East Side 2 nd Window of Entry on Basement	Window Caulk for Small Window Grey, Cementitious Homogenous	None detected	1% Cellulose 98% Non-Fibrous <1% Glass
66	1902427-66	Exterior East Side at Main Entry	White Window Caulk Frame to Brick Grey, Cementitious Homogenous	None detected	98% Non-Fibrous 2% Cellulose
67	1902427-67	Exterior East Side South Window on 1 st Floor (Rooms 1A and 3)	Window Caulk Black, Cementitious Homogenous	2% Chrysotile	96% Non-Fibrous 2% Cellulose

< = Less than the number shown

LEGEND TECHNICAL SERVICES, INC.

TABLE 1 (continued)

LEGEND No. 1902427

ASBESTOS BULK SAMPLE RESULTS TABLE

SAMPLE NO.	LAB NO.	LOCATION	MATERIAL/ PHYSICAL DESCRIPTION		ASBESTOS CONTENT	BALANCE OF MATERIAL
68	1902427-68	Exterior West Side Basement Entry	Grey Door Caulk Grey, Cementitious Homogenous		None detected	100% Non-Fibrous
69	1902427-69	Exterior East Side Main Entry Door	Brown Door Caulk Brown, Cementitious Homogenous		None detected	100% Non-Fibrous
70	1902427-70	Exterior Westside Overhang Roof	Black Flashing Tar Black, Cementitious Homogenous		None detected	95% Non-Fibrous 5% Cellulose
71	1902427-71	Exterior Westside Overhang Roof	Black Tar Papered Asphalt Shingle Black, Cementitious Homogenous		None detected	80% Cellulose 10% Non-Fibrous 10% Hair
72	1902427-72	Lower Roof Middle Top Layer	½" Buffalo Board Brown, Fibrous Homogenous		None detected	100% Cellulose
73	1902427-73	Lower Roof Middle Layer 2	Black Tar Paper Black, Fibrous Homogenous		None detected	75% Cellulose 5% Nonfibrous 20% Glass
74	1902427-74	Lower Roof Middle Layer below Foam	Middle Layer Buffalo Board Brown, Fibrous Homogenous		None detected	98% Cellulose 2% Nonfibrous
75	1902427-75	Lower Roof Middle Bottom Layer on Wood Deck	Black Tar Paper Black, Fibrous Homogenous		None detected	90% Cellulose 10% Nonfibrous
76	1902427-76	Upper Roof Middle 1 st Layer Below 2" Foam	Black Tar Cementitious, Fibrous Layered		None detected	60% Cellulose 40% Nonfibrous

< = Less than the number shown

LEGEND TECHNICAL SERVICES, INC.

TABLE 1 (continued)

LEGEND No. 1902427

ASBESTOS BULK SAMPLE RESULTS TABLE

SAMPLE NO.	LAB NO.	LOCATION	MATERIAL/ PHYSICAL DESCRIPTION		ASBESTOS CONTENT	BALANCE OF MATERIAL
77	1902427-77	Upper Roof Middle Layer 2	Buffalo Board Brown, Fibrous Homogenous		None detected	100% Cellulose
78	1902427-78	Upper Roof Middle Layer 3	Tar Paper Black, Fibrous Homogenous		None detected	90% Cellulose 10% Nonfibrous
79	1902427-79	Upper Roof Middle Bottom Layer	Bottom Layer Tar Paper on Wood Deck Black, Fibrous Homogenous		None detected	95% Cellulose 5% Nonfibrous
80	1902427-80	Lower Roof North End 2 nd Window	White Window Caulk White, Cementitious Homogenous		None detected	<1% Cellulose 97% Nonfibrous 2% Glass

APPENDIX C – NEWMAN CENTER PHASE I ENVIRONMENTAL ASSESSMENT



**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

**NEWMAN CENTER SITE
707 11TH Street South
Moorhead, Minnesota**

The legal description as provided is as follows: Highland Addition Nurnber 1, Lot 004 Block - 011, Lots 4 through 8 less South 12 feet of Lot 8. City of Moorhead, Minnesota, Clay County.

The Newman Center is in Moorhead Township: the SE quarter of Section 8, Township 139N, Range 48W, Clay County, Minnesota.

LEGEND NO. 1000073

**For
Minnesota State University Moorhead
1104 7th Avenue South, Moorhead, MN 56563**

Issued: May 11, 2010

**Submitted By:
LEGEND TECHNICAL SERVICES, INC.**
Minnesota Operations: 88 Empire Drive, St Paul, MN 55103, 651-642-1150
North Dakota Operations: 1128 Westrac Drive, Fargo, ND 58103, 701-271-6779
Wisconsin Operations: 1324 W Clairemont Ave. Suite #12, Eau Claire, WI 54701,
715-955-4839
Arizona Operations: 17631 N. 25th Avenue, Phoenix, AZ 85023, 602-942-8220

Dedicated to the Science of Service

"An Equal Opportunity Employer"



1128 Westrac Drive
Fargo, ND 58103
Tel: 701.271.6779
Fax: 701.271.4796


PHASE I
ENVIRONMENTAL SITE ASSESSMENT


NEWMAN CENTER SITE
707 11th Street South
Moorhead, Minnesota 56563

LEGEND NO. 1000073

Issued:

May 11, 2010


for Cheryl Sykora, CIH, CSP
Report Review & Owner


Mark Waltz
Environmental Scientist, Report Preparer
Fargo Office Manager

Investigation and Report Conducted and Prepared by:

LEGEND TECHNICAL SERVICES, INC.
Mr. Mark Waltz
1128 Westrac Drive
FARGO, ND 58103
701-271-6779 FAX: 701-271-4796

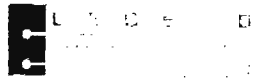


TABLE OF CONTENTS

EXECUTIVE SUMMARY

1.0 PROJECT DESCRIPTION

- 1.1 Site Description
- 1.2 Purpose
- 1.3 Reliance
- 1.4 Scope of Services
- 1.5 User's Responsibilities and Obligations

2.0 SITE DESCRIPTION

- 2.1 Site Description
- 2.2 Location and Legal Description
- 2.3 Site and Vicinity Characteristics
- 2.4 Description of Structures, Roads, and Systems
- 2.5 Zoning
- 2.6 Environmental Liens
- 2.7 Current Uses of the Property
- 2.8 Current Uses of the Adjacent Property

3.0 HISTORICAL LAND USE REVIEW

- 3.1 Site Use Summary
- 3.2 Sanborn Fire Insurance Maps
- 3.3 Aerial Photographs
- 3.4 City Directories
- 3.5 Interviews
- 3.6 Previous Environmental Reports and Site Related Documentation

4.0 ENVIRONMENTAL SETTING

- 4.1 Topography
- 4.2 Geologic Setting
- 4.3 Area Hydrogeology
- 4.4 Water Well Records
- 4.5 Flood Zone Information

5.0 SITE RECONNAISSANCE

- 5.1 Site Access and Limitations
- 5.2 Building Characteristics/Utilities
- 5.3 Current Operations and Tenants
- 5.4 Hazardous Substances Associated With Site Activities
- 5.5 Solid Waste Generation/Storage/Disposal
- 5.6 PCB Containing Equipment
- 5.7 Storage Tanks
- 5.8 Asbestos Containing Materials
- 5.9 Lead Based Paint
- 5.10 Radon

- 5.11 Mold
- 5.12 Surrounding Property Observations
- 5.13 Site Observation Table

6.0 REGULATORY REVIEW

- 6.1 State and Federal Records Review
- 6.2 Federal and State Databases
 - 6.2.1 National Priorities List (NPL)
 - 6.2.2 Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)
 - 6.2.3 CERCLIS NFRAP
 - 6.2.4 Corrective Action Report (CORRACTS)
 - 6.2.5 Resource Conservation and Recovery Information System (RCRIS-TSD)
 - 6.2.6 Resource Conservation and Recovery Information System (RCRIS)
 - 6.2.7 Emergency Response Notification System (ERNS)
 - 6.2.8 State Hazardous Waste Sites (SHWS)
 - 6.2.9 Solid Waste Landfills/Special Use Landfills (SWF/LF)
 - 6.2.10 Leaking Underground Storage Tanks (LUST)
 - 6.2.11 Underground Storage Tank (UST)
- 6.3 EDR Proprietary Historical Databases
 - 6.3.1 Coal Gas

7.0 REFERENCE MATERIALS

LIST OF FIGURES

- Figure #1 Site Location

LIST OF APPENDICES

- Appendix 1 Site Location/Campus Map
- Appendix 2 Site Photographs
- Appendix 3 Aerial Photographs
- Appendix 4 Plat Book & Sanborn Fire Insurance Fire Maps
- Appendix 5 Topographic Maps
- Appendix 6 EDR, State and Federal Regulatory Records Search
- Appendix 7 Site Specific Information, City of Moorhead Information, Records
- Appendix 8 Qualifications
- Appendix 9 List of Hazardous Materials

EXECUTIVE SUMMARY

LEGEND was retained by Moorhead State University Moorhead (MSUM) to perform a Phase I Environmental Site Assessment (ESA) of the property identified as The Newman Center Property located at 707 11th Street South in Moorhead, MN.

The Subject Property/Site is a developed 16,950 square foot parcel with one 3,976 square foot building which is located in Moorhead, Minnesota that is zoned for Institutional. Churches are a permitted use in Institutional and the site is outside FEMA Zone X the 500 Year Floodplain. The property is surrounded by Minnesota State University Moorhead (MSUM) buildings adjacent to the south and across 11th Street to the east. To the north and west are MSUM parking lots followed by residential housing. The surrounding area is primarily residential except MSUM campus which is primarily to the east.

Findings and Conclusions

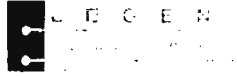
The following Table summarizes the findings of significant elements of this investigation.

PARAMETER	ACCEPTABLE	REQUIRES ATTENTION	ADDITIONAL SITE EVALUATION RECOMENDED	SECTION REFERENCE
Historical Review	Yes			
Site Operations	Yes			
Adjacent Properties	Yes			
Hazardous Materials	Yes			
Solid Waste	Yes			
PCBs	Yes			
Asbestos	Yes		No	5.8
Storage Tanks	Yes			
Solid Waste	Yes			

Recommendations

Based on a review of historical and current site uses, and state and federal environmental regulatory data bases for the subject property/Site, no significant environmental issues were noted for the property. The building has 9" x 9" floor tile which reportedly contains asbestos in several areas of the building. The heating system also has hard pipe fitting insulation on the pipes which may contain asbestos. The pipe insulation and floor tiles are in good condition and do not pose problem unless disturbed.

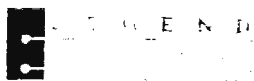
Historically the area was developed as residential with no known commercial activities.



MSUM – Newman Center - ESA

LEGEND has performed a Phase I Environmental Site Assessment Phase 1 in conformance with the scope and limitations of ASTM Practice E 1527 of the Newman Center site at 707 11th Street South in Moorhead, MN, (the property). Any exceptions to, or deletions from, this practice are described in Section 1.4, Scope of Work as outlined for the Phase I Up-date report. **This assessment has revealed no evidence of recognized environmental conditions in connection with the property.**

"I, Mark Waltz of LEGEND Technical Services, Inc. declare to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312."



PROJECT DESCRIPTION

1.1 Site Description

The Subject Property/Site which is a developed 16,950 square foot parcel with one 3,976 square foot building which is located in Moorhead, Minnesota that is zoned for Institutional. Churches are a permitted use in Institutional and the site is outside FEMA Zone X the 500 Year Floodplain. The property is surrounded by Minnesota State University Moorhead (MSUM) buildings adjacent to the south and across 11th Street to the east. To the north and west are MSUM parking lots followed by residential housing. The surrounding area is primarily residential except the MSUM campus which is primarily to the east.

The site location is highlighted on the site map identified as Figure #1.

1.2 Purpose

The purpose of this Environmental Site Assessment (ESA) was to identify the potential for *recognized environmental conditions* at the site. Recognized environmental conditions means the presence or likely presence of hazardous substances and/or petroleum products on a property under conditions that indicate an existing release, past release, or a material threat of a release of hazardous materials or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. This does not include *de minimis* conditions that generally do not present a material risk of harm to public health of the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

LEGEND understands this ESA is being conducted for purposes of qualifying for Landowner Liability Protections under CERCLA.

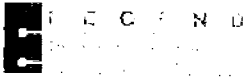
"I, Mark Waltz of LEGEND Technical Services, Inc. declare to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312."

1.3 Reliance

This report is addressed to Minnesota State University Moorhead (MSUM) and such other persons, and or entities as may be designated by MSUM and their respective successors and assigns. The report is reflective of conditions existing as of its date in the absence of a specific written update Letter or Report prepared and signed by LEGEND Technical Services.

1.4 Scope of Services

LEGEND's Scope of Services for this Phase I Environmental Site Assessment conforms to the American Society of Testing and Materials (ASTM) due diligence standards outlined in



ASTM E1527-2005, Standard Practice for Environmental Site Assessments. Services provided for this project included:

- Review of readily available topographic, geologic, and hydrogeologic information pertaining to the subject property and surrounding area.
- Review of readily available information regarding historical land use activities at the subject property, interviews with individuals that have past or current knowledge of the property where feasible.
- Reconnaissance of the subject property to visually observe the subject property for indications of recognized and potential environmental conditions.
- Limited review of federal, state, and local regulatory records for reported and documented environmental releases or occurrences that may have a negative effect on the property on or in the vicinity of the property within the proscribed limits of the ASTM Standard.
- Review of previous environmental reports, surveys, and analytical data if available.

Quantification of hazardous materials including cleaners, paint, thermostats, mercury lights, etc. was also conducted. Refer to the tables included in Appendix 9.

1.0 SITE DESCRIPTION

2.1 Site Description

The Subject Property/Site which is a developed 16,950 square foot parcel with one 3,976 square foot building which is located in Moorhead, Minnesota that is zoned for Institutional. Churches are a permitted use in Institutional and the site is outside FEMA Zone X the 500 Year Floodplain. The property is surrounded by Minnesota State University Moorhead (MSUM) buildings adjacent to the south and across 11th Street to the east. To the north and west are MSUM parking lots followed by residential housing. The surrounding area is primarily residential except the MSUM campus which is primarily to the east.

The Newman Center was built in 1967. The Site property was larger in 1967 and included an adjacent house at 709 11th Street south. On April 30, 1992 twelve (12) feet from the southern edge of lot 8 was sold to MSUM for the construction of the existing Center for Business building.

The Newman Center Property is adjacent to and has access from 11th Street South.

The Newman Center is a one story split level brick building with approximately half of the lower level/basement below the ground. When entering the building a ground level lobby is present with stairs going down or up. The brick building has a concrete lower level with

concrete footings and slab. The adjacent parking lot is asphalt. The building was constructed as a Newman Center. The building/site has always been used as a church or Newman Center/Club.

The building and parking lot cover approximately one half of the property. The remaining portion of the site is grass and trees.

Newman Center History:

Before the Newman Center, there was a Newman Club. The Moorhead State Chapter of the Newman Foundation was set up in the mid-twenties by Bishop Glenn of the Crookston Diocese, to carry out the wishes of the Catholic Church that the spiritual wants of Catholic students on a state campus should be provided for. On October 9, 1930 the Newman Club was chartered at Moorhead State Teachers College, now known as Minnesota State University Moorhead (MSUM). The existing Newman Center was dedicated on October 15, 1967 by Bishop Glenn.

2.2 Location and Legal Description

The Newman Center is located at 707 11th Street South in Moorhead, MN and is highlighted in Figure #1. A copy of the legal survey was not available.

The legal description as provided is as follows: Highland Addition Number 1, Lot 004 Block -011, Lots 4 through 8 less South 12 feet of Lot 8. City of Moorhead, Minnesota, Clay County.

The Newman Center is in Moorhead Township: the SE quarter of Section 8, Township 139N, Range 48W, Clay County, Minnesota.

2.3 Site Vicinity Characteristics

The site vicinity is dominated by the MSUM campus located to the east and with the adjacent Center of Business building to the south. The site is surrounded by MSUM properties in all directions. To the north and west are MSUM parking lots. Beyond the MSUM properties the area is residential.

Sanborn fire maps indicate the area in 1922 as residential and MSUM was called the State Normal School. The State Normal School had coal heat, electricity, and city water.

Currently the Moorhead Public Utility provides natural gas and electricity to the area and the City of Moorhead provides water, storm and sanitary sewer service.

The site has adjacent fire hydrants, buried power lines, natural gas, City of Moorhead water, storm sewer, and sanitary sewer located at the site and beneath the adjacent City streets.

The electric service is buried with a transformer within a one block radius. There is a power box at the site but no transformers.

Photographs of the subject property are attached in Appendix #2.

2.4 Description of Structures, Roads, and Systems

The Newman Center is a one story split level brick building with a partial basement. The building has water, sewer, electricity, and natural gas. The building has a flat roof. The floor finishes consist of concrete, carpet, and ceramic floor tiles, and 9 inch vinyl floor tiles. Walls were constructed of gypsum wallboard (GWB), cement block, brick, and hard plaster. Ceiling finishes were mostly wood on the main floor and concrete decking in the basement. Heat is provided by several natural gas hot water boilers in the NW corner mechanical room.

The asphalt parking lot is on the north and west sides of the building with access from the east on 11th Street south.

The Newman Center was built by the Catholic Church Crookston Diocese and was dedicated on October 15, 1967.

2.5 Zoning

The Subject Property/Site is a developed 16,950 square foot parcel which is located in Moorhead, MN that is zoned for Institutional. Churches are a permitted use in Institutional zoning. The Site is outside Zone X the 500 Year Floodplain

2.6 Environmental Liens

State and Federal data bases did not indicate any environmental liens on the property.

2.7 Current uses of the Property

The site is currently The Newman Center and was in the process of closing at the time of the inspection. The facility will be open until the sale is completed and the current MSUM semester ends. The mission is the development of the Catholic faith community.

2.8 Current uses of Adjacent Property

Direction	
North	MSUM Regional Science Center Offices (Centennial House) at 1026 7 th Avenue South. Also north are several parking lots and the Small Business Development Center.
East	MSUM, Bridges Hall is located directly east across 11 th Street south
South	The MSUM Center for Business building and parking lots
West	MSUM parking lots W-6, Lot F. and beyond residential houses.

2.0 HISTORICAL LAND USE REVIEW

3.1 Site Use Summary

3.2 Sanborn Fire Insurance Maps

Five Sanborn Maps were available for the area from 1890, 1896, 1922, 1929, and 1956. Refer to Appendix 3 for copies of the site search information.

Property Uses 1890	
Direction	Visual Observations
Site	Not shown
North	Not shown
East	State Normal School, with coal heat
South	Not shown
West	Not shown

Property Uses 1896	
Direction	Visual Observations
Site	Not shown
North	Not shown
East	State Normal School, with coal heat
South	Not shown
West	Not shown

Property Uses 1922	
Direction	Visual Observations
Site	Not shown
North	Residential properties across 7 th Avenue South
East	State Normal School. Main Bldg is much larger, still used coal for heat
South	Not shown
West	Not shown

Property Uses 1929	
Direction	Visual Observations
Site	Not shown
North	At 1027 7 th Avenue is a residential home
East	State Normal School
South	Not shown
West	Not shown

Property Uses 1956	
Direction	Visual Observations
Site	A residential house, 707 11 th Street South
North	Residential homes
East	State Normal School is now called Moorhead State Teacher College, Mac Lean Hall
South	Residential at 709 11 th Street South
West	Not shown

3.3 Aerial Photographs

Aerial photographs of the general area were obtained from the City of Moorhead and EDR. The aerial photographs from EDR are 1939, 1948, 1957, 1965, 1976, at 1" = 500 or 604". The City of Moorhead photographs are 1994, 1999, 2002, 2005, 2008, 2009 1" = 63". Copies of the photographs are attached in Appendix #3.

Subject Property

Year(s)	Visual Observations
1939	Limited detail, residential with trees
1948	Limited detail, residential with trees
1957	Limited detail, residential with trees
1965	Limited detail, residential with trees
1976	Limited detail, but new building is present
1994	Newman is present, Center for Business (CB) is under construction, and residential house is present to the north
1999	Same as 1994, CB construction is completed, added parking lots
2002	Same as 1999, except the house to the north has been removed.
2005	Same as 2002
2008	Same as 2008
2009	Same as 2009

Adjacent Property Uses 1939, 1948, 1957, 1965	
Direction	Visual Observations
North	Residential
East	Minnesota State University Moorhead (MSUM)
South	Residential
West	Residential

Adjacent Property Uses 1976	
Direction	Visual Observations
North	Residential
East	MSUM
South	Residential

Limitec

West	Residential	Limited
-------------	--------------------	----------------

Adjacent Property Uses 1994	
Direction	Visual Observations
North	Residential
East	MSUM
South	Center for Business is under construction
West	Parking lot followed by residential

Adjacent Property Uses 1999	
Direction	Visual Observations
North	Residential
East	MSUM
South	Center for Business is completed
West	Parking lots and residential

Adjacent Property Uses 2002	
Direction	Visual Observations
North	Residential house has been removed, lot is empty
East	MSUM
South	Center for Business
West	Parking lots and two houses have been removed and are now parking lots

Adjacent Property Uses 2005, 2008, 2009	
Direction	Visual Observations
North	Empty with grass
East	MSUM
South	Center for Business
West	Parking lots

3.4 City Directories/ Local Phone Directory

LEGEND searched the City Library, LEGEND office and EDR.

Subject Property

Year(s)	Site Directory Listings, 707 11th Street South
1940, 51, 1961	The site is residential
1968, 74, 80, 85, 92, 97, 2009	Newman Center

Adjacent Property on 11th Street South

Year(s)	Adjacent Site Directory Listings, 709 to 811 11 th Street South
1940-1961	Residential, last listing for 808
1968	Same as above except no return for 709, and no future listings for 709
1974-1985	Same as above
1992	711, 721, 803, are vacant, 811 is MSUM
1997	811 is MSUM, 803 is vacant

3.5 Interviews

Ms. Shawn Erickson, Newman Center Coordinator. Ms Erickson has been at the Newman Center for 4 years. They are in the process of moving out of the building and the last Mass will be by May 9, 2010. No official date has been set when they will be out, but expect it will be June 1, 2010. The Diocese of Crookston owns the building and it was built in 1967. Ms. Erickson will be removing all house keeping cleaners, soap, etc. including the paint in the storage room unless MSUM wants it. MSUM is purchasing the site.

Ms. Erickson does not know of any environmental surveys of the building including asbestos or lead paint. They have removed asbestos floor tiles from the basement women's bathroom, entry way, and the cleaning supply closet.

Ms. Erickson does not know of any chemical, gasoline, or pesticide spills or leaks at the site. No known adjacent hazards.

Mr. Jeff Goebels, MSUM Physical Plant Manager. Mr. Goebels stated he did not know of any environmental hazards at or by the Newman Center. MSUM had a small mercury spill in 2008 was cleaned up and clearance testing passed.

Mr. Goebels stated that MSUM has 4 active above ground storage tanks (ASTs). Two 20,000 gallon fuel oil ASTs are in a vault at the heating plant. One 1,000 gallon gasoline AST and a 560 gallon diesel AST are in use at the Maintenance shop. There have been no problems with any of the tanks.

Mr. Rich Duysen, City of Moorhead Fire Marshall found no record of any Above Ground Storage Tanks (ASTs) or Underground Storage Tanks (USTs) at the site.

Mr. Dan Sandbeck, City of Moorhead Street/Waste Water Department, Mr. Sandbeck stated the sewers in the area are cleaned and inspected every three years. No petroleum or chemical contamination was observed during the last cleaning. He knew of no environmental hazards in the area. They are scheduled to be cleaned this year.

Ms. Andrea Crabtree, City of Moorhead Environmental & Compliance Manager. Ms. Crabtree knows of no problems or complaints of spills of petroleum or chemicals in the neighborhood.

Mr. Brad Anderson, GISP, City of Moorhead Engineering Department, Mr. Anderson provided copies of City of Moorhead aerial photographs that were available. Older photographs are in storage and have not been scanned in and are not available.

Mr. Peter Doll, City of Moorhead, Manager of Development Services. The Newman Center is zoned Institutional which is intended to accommodate campus type buildings, schools, churches, and chapels. Mr. Doll stated he attended MSUM and remembers the Newman Center and knows of no environmental problems with the area.

Mr. Jody Bertrand, City of Moorhead, Senior Engineer. Mr. Bertrand stated the site is outside FEMA Flood Zone X the 500 year flood. Mr. Bertrand has seen the new revised FEMA flood maps and so far the Newman Center will still be outside Zone X.

Mr. Travis Schmidt, Moorhead Public Utilities. Mr. Schmidt checked the records and no PCB spills were found in the adjacent area. One small spill was found approximately 2 city blocks away. The closest transformer to the Newman Center is about 1 block away and it is non-PCB.

3.6 Previous Environmental Reports and Site Related Documentation

Ms. Shawn Erickson had a report from Horsley Specialties for the asbestos floor tile they removed and disposed. No other known reports exist.

3.7 County Plat Book

Seven plat books for Moorhead Township were reviewed from 1946, 1951, 1964, 1968, 1973, 1977, and 1985 for the site. Starting in 1946 the site is included in the City of Moorhead and does not list property ownership.

Year	Listed Owner
1946 to 1985	Site is in City of Moorhead City Limits, no individual ownership is listed.

Copies of the plat book pages applicable to the property are attached in Appendix 4.

3.8 County Records

The title abstract for the property/Site was not available. The City of Moorhead lists the site as the Newman Center since 1950.

Year	Listed Owners for Current Crossroad Church Property
1950-	Saint Thomas Aquinas

2010

3.0 ENVIRONMENTAL SETTING

4.1 Topography

The property's highest elevation is approximately 906 feet above sea level with a slight slope to the west northwest towards the Red River. The Newman Center building is not indicated on any of the topographic maps but MSUM is.

Copies of historic topographical maps are attached in Appendix #5

4.2 Geologic Setting

Clay County in northwestern Minnesota is about 140 miles south of the international border and 225 miles northwest of Minneapolis-St. Paul. The Red River to the west separates Clay County in Minnesota from Cass County in North Dakota. Its principle tributaries in the two-county area include the Wild Rice, Sheyenne, and Maple Rivers in North Dakota and South Branch Wild Rice and Buffalo Rivers in Minnesota. In the central part of the two-county area the land is a flat plain, the Red River Valley. The plain rises steadily to the east and west from an elevation of about 870 feet where the Red River leaves Cass County to about 1100 feet. This plain is 40 or 50 miles across.

The Lake Agassiz plain is a flat, nearly featureless plain that has a northward slope of about 1-1/2 feet per mile and an eastward slope that ranges from two feet per mile near the Red River to 20 feet per mile farther west. The most prominent relief feature are the north-south trending beaches that lie along the western edge of the plain, and a few isolated ridges in the eastern part of the plain. These features rarely exceed 15 feet of height and generally range from 5 to 15 to 30 feet into the plain. Except in the vicinities of the beaches, isolated ridges, and stream valleys, local relief is generally less than five feet.

The target property sets at approximately the same elevation as the surrounding properties. Topographic maps show the topography to be approximately 900 feet above MSL for the properties in the surrounding ¼ mile. General topographic gradient has been determined to be northwest from the USGS 1Degree Digital Elevation Model.

Surface materials consist of clay in the central part of the Red River Valley and become siltier towards the edges. Silt also occurs along the major rivers. Thin, flat, or slightly undulation bedding is commonly present. The clay and silt are soft, and water is commonly encountered within a few feet of the ground surface. The area is characterized by very low permeability. Topography is flat to very gently undulation with slopes less than 3 percent, except where adjacent to some large streams short slopes exceed 10 percent.

Throughout most of its extent, it is very thick (approaching 100 feet) and uniform in composition.

The major stratigraphic units are, in ascending order: crystalline rocks of Precambrian age; Winnipeg Formation of Ordovician age; and Dakota Sandstone, Graneros Shale, and Greenhorn Formation of Cretaceous age. No indurated rocks younger than the Greenhorn are known to be present in the county.

Pleistocene glacial drift covers most of Clay County. The known thickness of the drift, including the Lake Agassiz deposits, ranges from 132 to 447 feet. All the surficial features of the county are late Pleistocene in age. Drift, probably deposited by more than one ice sheet, is present in the subsurface, but older drift can be differentiated in only a few places. Local zones of oxidized till, extensive bodies of buried outwash, and buried lake clays are valid indications of older drift in the subsurface.

The soil surface texture and the surficial soil types include silty clay. The shallow soil types are silty clays. The finely grained soils, silts, and clays dominate the first 60 inches of topsoil.

The hydrologic group is Class D, which means very slow infiltration rates. The soil drainage class is poor; soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. The depth to the water table is less than 1 foot in some places.

The geologic era is Precambrian. The system is Precambrian. The series is W granite rocks.

4.3 Area Hydrogeology

The Moorhead Aquifer is partly buried sand and gravel aquifer that, in places, is as much as 120 feet thick. Where it is buried, it is overlain by a few feet of silt and clay. Water from this aquifer contains calcium bicarbonate or calcium sulfate. It is very hard. Total dissolved solids concentration exceeds 500 ppm, and the iron content is greater than 0.5 ppm.

Prior to 1962, water from this aquifer was used to supply the City of Moorhead, but it is now only used for this purpose during periods of low flow in the Red River, which is the primary source for Moorhead's drinking water.

4.4 Water Well Records

A review of Minnesota Department of Health and US Geological Survey Records does not indicate the presence of any wells on the site. During our site reconnaissance there were no indications of wells on the site. The City of Moorhead has wells for drinking water located Northeast within ½ to 1 mile of the Newman Center.

4.5 Flood Zone Information

The site is outside Zone X of the FEMA 500 year flood plain, FEMA panel 275244005D Revised May 4, 1987. Mr. Jody Bertrand the City of Moorhead Senior Engineer reported the new FEMA flood map which will be released soon has the Newman Center still outside Zone X of the FEMA 500 year flood plain on Panel 27027C0457E.

5.0 SITE RECONNAISSANCE

5.1 Site Access and Limitations

The site was accessible, and the temperature was approximately 50 degrees with light rain.

5.2 Building Characteristics/Utilities

Newman Center

The Newman Center is a one story split level brick building with a partial basement. The building has water, sewer, electricity, and natural gas. The building has a flat roof. The floor finishes consist of concrete, carpet, and ceramic floor tiles, and 9 inch vinyl floor tiles. Walls were constructed of gypsum wallboard (GWB), cement block, brick, and hard plaster. Ceiling finishes were mostly wood on the main floor and concrete decking in the basement. Heat is provided by several natural gas hot water boilers in the NW corner mechanical room. The site has City of Moorhead service for water and sewer with Moorhead Public Service providing natural gas and electricity to the site.

The asphalt parking lot is on the north and west sides of the building with access from the east on 11th Street south.

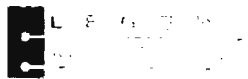
The Newman Center was built by the Catholic Church Crookston Diocese and was dedicated on October 15, 1967.

There were no visible indications of footings or foundations indicative of past structures on the remaining portions of the site.

5.3 Current Operation/Tenants

The Newman Center serves as a Catholic Church and meeting place for MSUM students. Ms Shawn Erickson is the Coordinator. The current building was completed in 1967 and is being sold to MSUM. The tentative move out date is June 1, 2010.

5.4 Hazardous Substances Associated With Site Activities



The site had normal household cleaners, paint, paint thinner, bathroom cleaners, ice melt, and bleach. It is anticipated when the property is sold they will be removed with the owners belongings. For a detailed list of hazardous materials please review the attached Asbestos and Hazardous Materials Survey Reports included in Appendix 9.

There are no hazardous substances used or stored on the site except normal janitorial cleaning products, paint, fluorescent lights/ballasts, thermostats, TVs, door closures, Freon and compressor oil in HVAC and cooler/freezers etc.

5.5 Solid Waste Storage/Handling/Disposal

The site has a metal dumpster on the back (west) side of the building. No staining or debris was observed.

5.6 PCB Containing Equipment

The Site does not have an internal or external transformer. The Moorhead Public Utilities reported the nearest transformer is one block away and is non-PCB. The building has fluorescent light and ballasts which may contain PCBs. Door closures were observed which may have oil inside that could contain PCBs.

5.7 Storage Tanks

The site has natural gas for heating and does not have a known UST.

MSUM has two 20,000 gallon above ground storage tanks (ASTs) in a vault at their heating plant with fuel oil. MSUM also has one 1,000 gallon gasoline AST, and one 560 diesel fuel AST in service at their Maintenance Building. Both locations are east of the Newman Center on 17th Street South. MSUM had seven underground storage tanks (USTs) removed and the Minnesota Pollution Control Agency reported all the sites have been closed by 1995.

5.8 Asbestos Containing Materials

Asbestos containing building materials were not included in this assessment. However LEGEND noted the building has 9 inch floor tiles present which have been removed in the past as asbestos containing. The heating system has fiberglass insulated pipes with hard muddied pipe fittings. The pipe fittings sometimes contain asbestos.

5.9 Lead Based Paint

Lead paint was not included in the site assessment. The painted surfaces in and outside the building at the Site appeared to be intact and not delaminating.

5.10 Radon

Radon was not evaluated as part of this site assessment. However, Clay County is an EPA Zone 1 for radon. This means that the average indoor level of radon exceeds the 4-pCi/L guideline for radon exposure. Radon test results from Clay County at 124 locations revealed 67% (83) of the tests were above 4 pCi/L.

5.11 Visible Mold/Evidence of Water Intrusion

Visible mold and evidence of water intrusion were not evaluated as part of this assessment. However, no mold observed or smelled at the site.

5.12 Surrounding Property Observations

The adjoining properties are in good condition. There were no indications of storage or dumping at the adjacent properties. There were no indications of conditions or use that would have a negative environmental impact on the subject property.

5.13 Site Observation Table

Issue	Yes/No	Comments
Walk entire perimeter boundary of property	Yes	
Walked each side of all wet and dry pathways	Yes	
Walked around all on-site water bodies or portions thereon	Yes	
Walked a grid pattern of all remaining areas not included in above process wooded or overgrown areas	Yes	No overgrown areas
All observed means of surface access and egress to and from site	Yes	
All observed wooded areas and variations of vegetation	Yes	Has a limited landscaping on east side of building, grass and trees.
All observed water bodies, springs, lagoons, swamps, rivers, lakes, etc	Yes	None
All observed drainage pathways and erosion plains	Yes	
All observed railroad spurs and electrical tower transmission lines	Yes	No railroad tracks, adjacent buried power in the City boulevard
All observed utilities, drains, vent pipes, wells, cisterns, and septic systems	Yes	One large almost man hole size floor grate in the mechanical room. There are 3 floor drains both basement bathrooms have one and one in the mechanical room.
All observed buildings, other structures, foundations and old ruins	Yes	No problems.
All observed heavy equipment, tankers, or spray rigs	Yes	None
Encountered smells of chemical gases, petroleum products, or foul odors	No	
Evidence of any landfill, dumping, disturbed soils, or direct burial activity, or graded areas not associated with construction projects	No	
Evidence of any surface impoundments or	No	

holding ponds		
Evidence of industrial or manufacturing activities	No	
Evidence of monitoring wells or remedial activities	No	
Evidence of stained or discolored soils	No	
Evidence of leachate or seeps	No	
Evidence of any areas of distressed, discolored or stained or dead vegetation	No	
Evidence of any chemical spills or releases	No	
Evidence of ground water or surface water contamination	No	
Evidence of any oil or gas well exploration, abstraction, or refinery activities	No	
Evidence of any farm waste concerns such as feed lot spoils, or manure stockpiles	No	
Evidence of prolonged use or misapplication of pesticides, herbicides, soil conditioners, or fertilizers delineating the specific area of concern	No	
Evidence of urea-formaldehyde	No	
Evidence of ASTs and USTs including: retaining walls in basements behind which storage tanks may be located	No	
Vaults that may contain tanks	No	
Manhole covers associated with USTs	No	
Fill or vent pipes	No	
UST-sized patched areas of asphalt or cement	No	
Pumping Equipment	No	
Hydraulic lifts for service bays and elevators	No	Electric elevator
Manometers or other volumetric indicators	No	
Petroleum or chemical odors in basements	No	
Leaks of petroleum or other products through cracks in exterior or retaining walls	No	
Other known or observed environmentally sensitive or suspect conditions on-site, such as roads or pathways with no apparent outlets	No	
Evidence of discharges, leachate, migration, or run-off of potential contaminants from an off-site source onto the subject property	No	

6.0 REGULATORY REVIEW

6.1 State and Federal Records Review

Environmental Data Resources was contracted with to provide a search of state and federal regulatory data bases for the subject site. A copy of the EDR data is attached in Appendix #6.



A review of state and federal environmental regulatory data bases indicates that there are no records of RCRA small scale generators. The Minnesota Pollution Control Agency (MPCA) records indicate the 11 leaking underground storage tank locations are located within ½ mile of the Newman Center but the sites have achieved site closure.

MPCA also reports that two sites on Main Avenue approximately 7 blocks to the north are listed a Hazardous waste / contaminated sites which are monitored by the Site Remediation Section (MN SRS). Both sites Knitty Gritty Café and the Gas Stop have achieved site closure.

6.2 Federal and State Databases

A file search of federal and state databases was performed and the resulting data plotted on site maps highlighting each data point in reference to the target property at approximately 1/4, 1/2 and 1.0- mile radiuses from the center of the target property.

Appendix #6 identifies state and federal database information. The map indicates which database correlates to the map symbols and defines the database used.

Color coded with each symbol is a reference number that can be used to identify each site and its latest recorded status by referring to the printed records attached in the appendices.

6.2.1 National Priorities List (NPL)

The NPL is a subset of CERCLIS and identifies sites for priority cleanup under the Superfund Program. Neither the target property nor any facilities within a 1.0-mile search distance of the target property were identified in the NPL federal database.

6.2.2 Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons. CERCLIS contains sites which are either proposed or on the National Priorities List (NPL). Neither the target property nor any facilities within a half-mile search distance of the target property were identified in the CERCLIS federal database.

6.2.3 CERCLIS NFRAP

CERCLIS sites designated “No Further Remedial Action Planned” (NFRAP) have been removed from CERCLIS. Neither the target property nor any facilities within a quarter-mile search distance of the target property were identified in the CERC-NFRAP federal database.

6.2.4 Corrective Action Report (CORRACTS)

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity. The target property is not listed and no locations were identified within a 1.0-mile search distance of the target property in the CORRACTS federal database.

6.2.5 Resource Conservation and Recovery Information System (RCRIS-TSD)

The RCRIS-TSD contains information pertaining to hazardous waste treatment, storage or disposal facilities. Neither the target property nor any facilities within a 0.5- mile search distance of the target property were identified in the RCRIS-TSD federal database.

6.2.6 Resource Conservation and Recovery Information System (RCRIS)

RCRIS includes selective information on sites, which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. The target property was not identified in the RCRIS federal database and no facilities were identified within the ¼-mile search distance of the target property.

6.2.7 Emergency Response Notification System (ERNS)

ERNS records and stores information on reported releases of oil and hazardous substances. The target property was not listed in the ERNS federal database.

6.2.8 State Hazardous Waste Sites (SHWS)

SHWS records are the state's equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. See the Federal CERCLIS list Section 6.2.2. None were found within a one mile radius.

6.2.9 Solid Waste Landfills/Special Use Landfills (SWF/LF)

SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Neither the target property nor any facilities within a 0.5-mile search distance of the target property were identified in the state landfill database.

6.2.10 Leaking Underground Storage Tanks (LUST)

LUST records contain an inventory of reported leaking underground storage tank incidents. The target property was not listed on the LUST state database report. However, 11 LUST sites were located and identified within a ½ mile of the Newman Center.

Sites worth noting:

- ◆ Hurlbut residence located at 508 9th Street had a petroleum leak, site clean-up completed/closure in November of 2001.
- ◆ Edison Elementary at 1110 14th Street S. removed a leaking fuel oil tank and completed site closure in June of 2007.
- ◆ The remaining sites are down slope from the Newman Center

The data base indicates the 11 site investigations have been completed and closed. Based on the distance, native clay/tight soil, and the years since the site closures the sites are not considered an environmental concern to the target property.

6.2.11 Underground Storage Tank (UST)

Registered USTs are regulated under Subtitle I of RCRA and must be registered with the state department responsible for administering the UST program. The Newman Center was not listed on the UST state database report.

MSUM does not have any USTs but does have 4 above ground storage tanks (ASTs) for fuel oil, diesel, and gasoline for the heating plant and maintenance shop to the east along 17th Street South.

Please refer to the attached EDR Map Findings section for site by site UST business locations in Appendix 6.

6.3 EDR Proprietary Historical Databases

6.3.1 Coal Gas

The target property was not listed on the coal gas database report. There are no sites listed within a ½ mile of the target property.

7.0 REFERENCE DOCUMENTS

EDR Environmental Search Data

USGS Topographic Maps

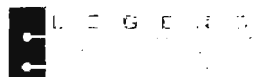
Atlas County Plat Books

Sanborn Map Search

City of Moorhead Library – County History

City of Moorhead & Street Dept. Maps, Permits, Parcel Information, Interviews, Aerial Photos.

Telephone Interviews:

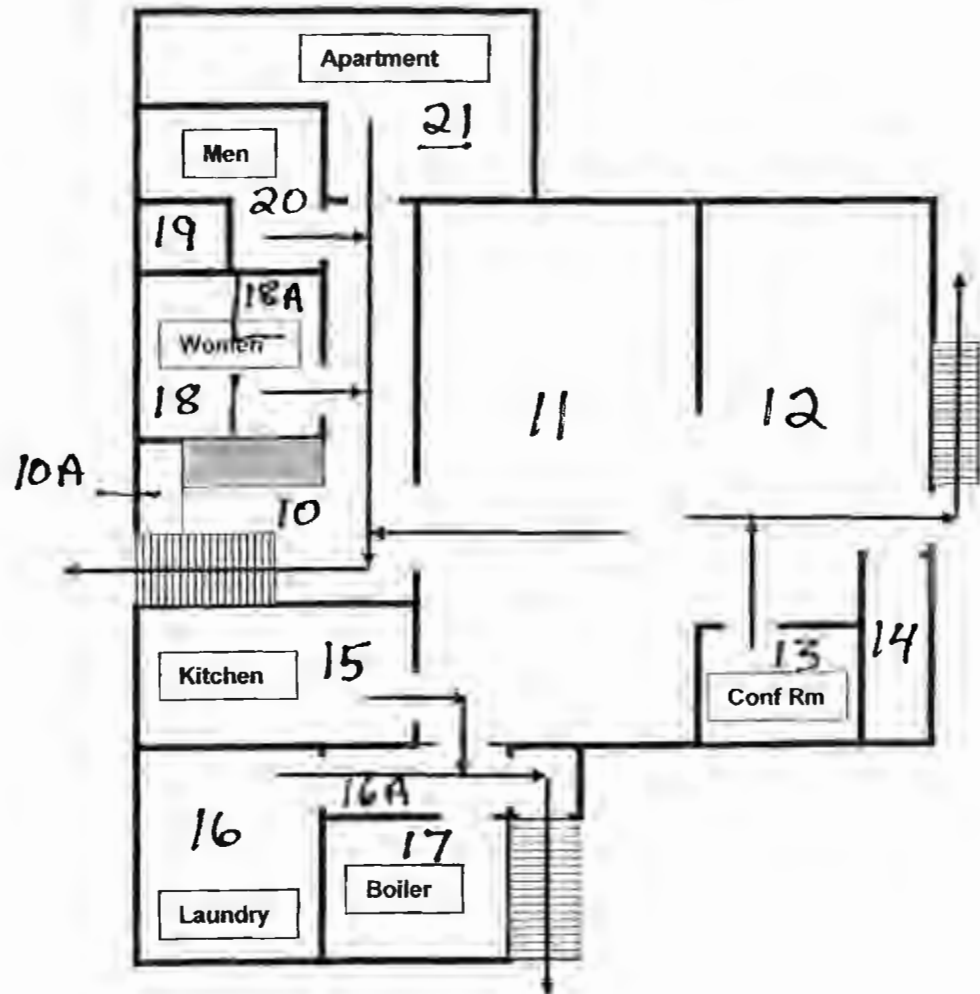


MSUM – Newman Center - ESA

Shawn Erickson, Newman Center – 218-236-9596
Jeff Goebel, MSUM – 218-477-2069
Dan Sandbeck, City of Moorhead - 218-299-5490
Andrea Crabtree, City of Moorhead – 218-299-5386
Brad Anderson, City of Moorhead – 218-299-5125
Travis Schmidt, Moorhead Public Utilities – 218-299-5254
Jody Bertrand, City of Moorhead – 218-299-5388
Rich Duysen, City Fire Marshall – 218-299-5248
Peter Doll, City of Moorhead – 218-299-5316

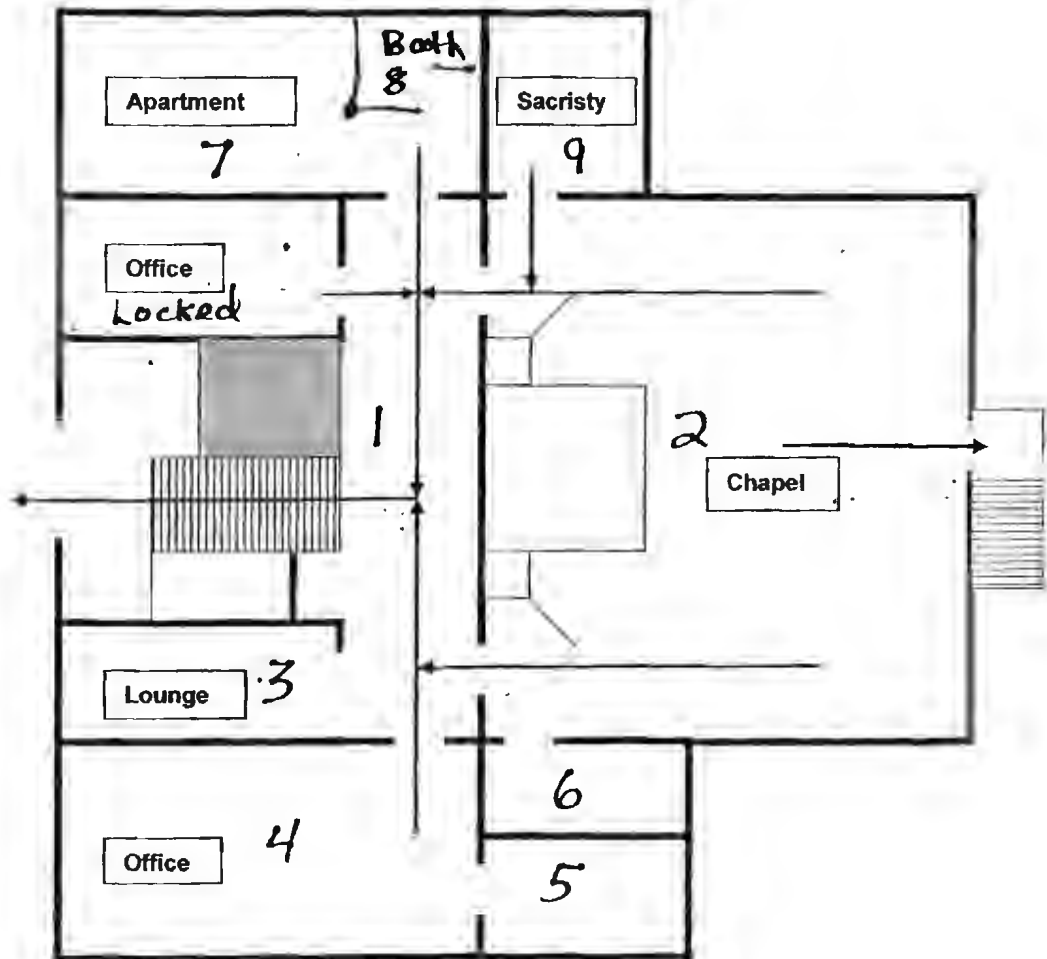
FIGURES

Newman Center Lower Level Evacuation Plan



Room Numbers

Newman Center Upper Level Evacuation Plan



Room Numbers

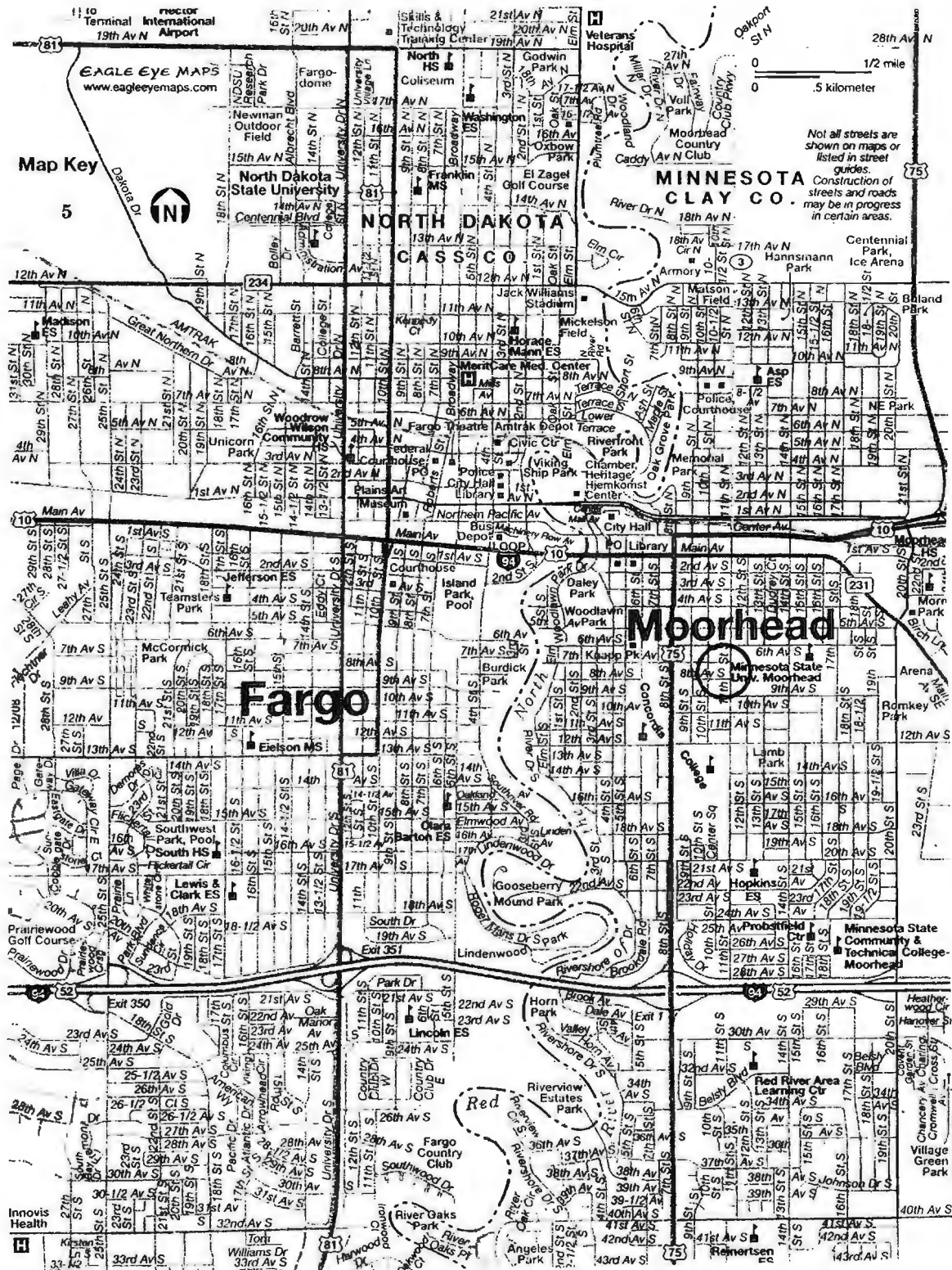
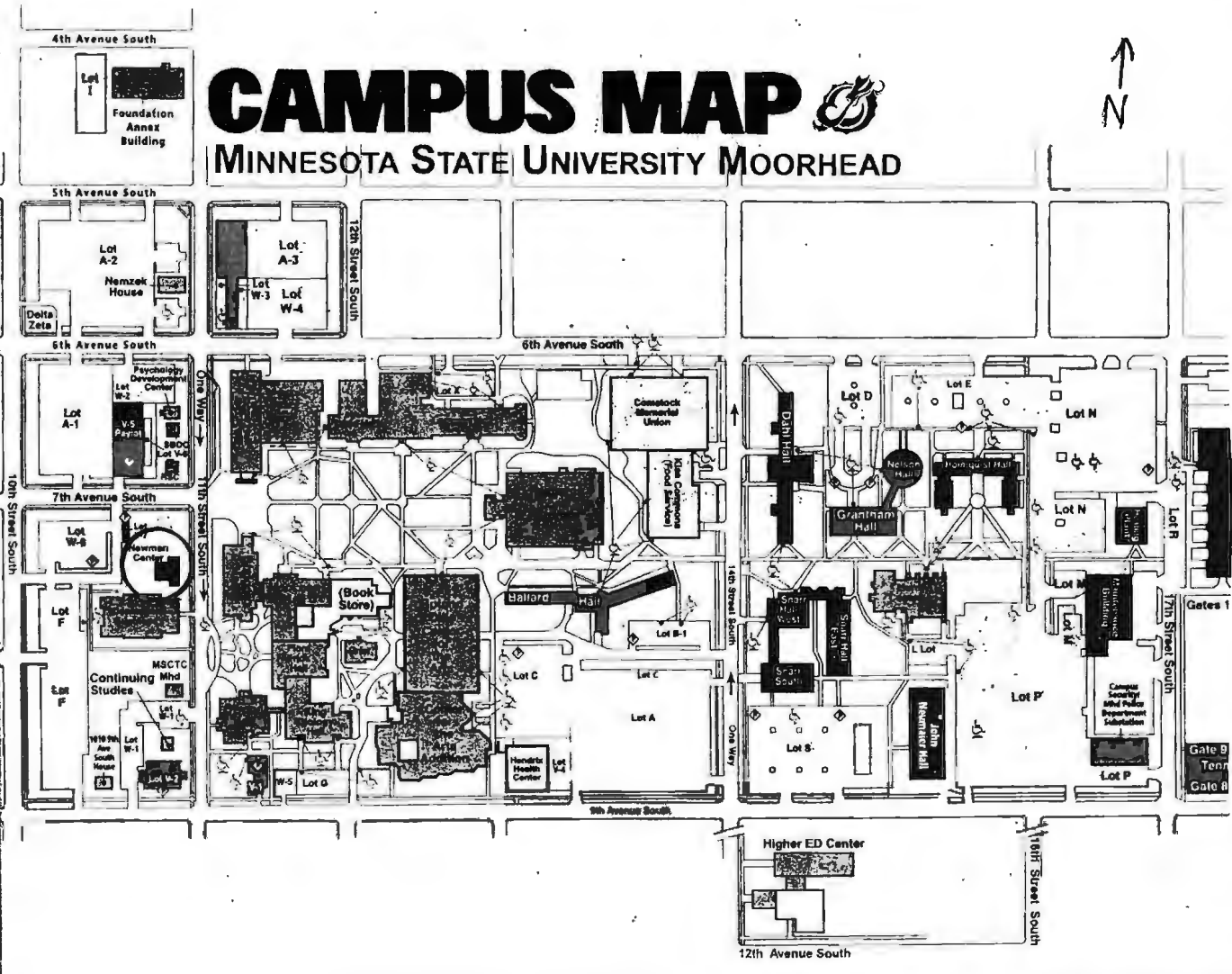


Figure 1
Newman Center
707 11th Street South
Moorhead, Minnesota

DATE: May 11, 2010
PROJECT#: 1000073
FIGURE: 1
SCALE: NA

APPENDIX 1



Minnesota State University Moorhead

Programs

Minnesota State offers 135 majors, emphases, and options, including 13 graduate degree programs, 17 areas of

The Continuing Studies Department includes College for Kids; Outreach/Customized Training, certificate programs, and Saturday, evening, and packaged courses.

Contact

1104 7th Ave. S., Moorhead
www.mnstate.edu

Map Key

BALLARD HALL
 Residence Hall, Housing and Residential Life Office, Educational Testing Service

BRIDGES HALL
 FIRST FLOOR—Dean of Social and Natural Sciences, Computer Science and Information Systems, Planetarium
 SECOND FLOOR—Dean of Arts and Humanities, Counseling and Personal Growth Center
 THIRD FLOOR—Philosophy, Psychology

CENTER FOR BUSINESS
 FIRST FLOOR—Dean of Business & Industry, Business

COMSTOCK MEMORIAL UNION
 LOWER LEVEL—Main Office/Event Scheduling, Recreation and Outdoors Services, Job Shop, Advocate/Student KMSC Radio, Hair and Tanning Services, Copies Plus, Underground, Union Hut/Burger King, Comstock (Con

MAIN LEVEL—The Compass/Info Julius & Sweets, Main Lounge, Kis Rooms, Special Dining (Conference)
 SECOND FLOOR—Student Senate Activities Board, Student Development Orientation/Multicultural Service Services, Center for Leadership and Ballroom, Conference Rooms

LEGEND Technical Services Inc.

Site Location/Campus Map
 Newman Center
 707 11th Street South
 Moorhead, MN

DATE: May 11, 2010

PROJECT#: 1000073

FIGURE: Appendix 1

SCALE: NA

APPENDIX 2



1) Newman Center Looking West.



2) Newman Center Looking SW.



3) Looking South Down 11th St and East Property Line.



4) Looking West Down North Property Line.



5) Looking East Down North Property Line.



6) Looking South Down West Property Line (South Half).



7) Looking South Down North Half of West Property Line.



8) Looking West Down South Property Line.



9) Looking SE Across 11st at MSUM.



10) Looking North Across 7th Ave at Adjacent Property.



11) Looking West at Adjacent Property.



12) Power Box on Site (not a transformer).



13) Backside (west) of Newman Center.



14) Natural Gas Meter at Newman.



15) Men's Bathroom Floor Drain.



16) Women's Bathroom Floor Drain.



17) Kitchen.



18) Boiler Room Insulated Pipes.



19) Boiler Room, Large Floor Drain.



20) Perimeter Pipe Insulation.



21) Laundry Room.



22) Basement Conference Room.



23) Elevator



24) Fellowship Hall, Basement

26)



25) Fellowship Hall Fire Place



26) Sanctuary Looking East



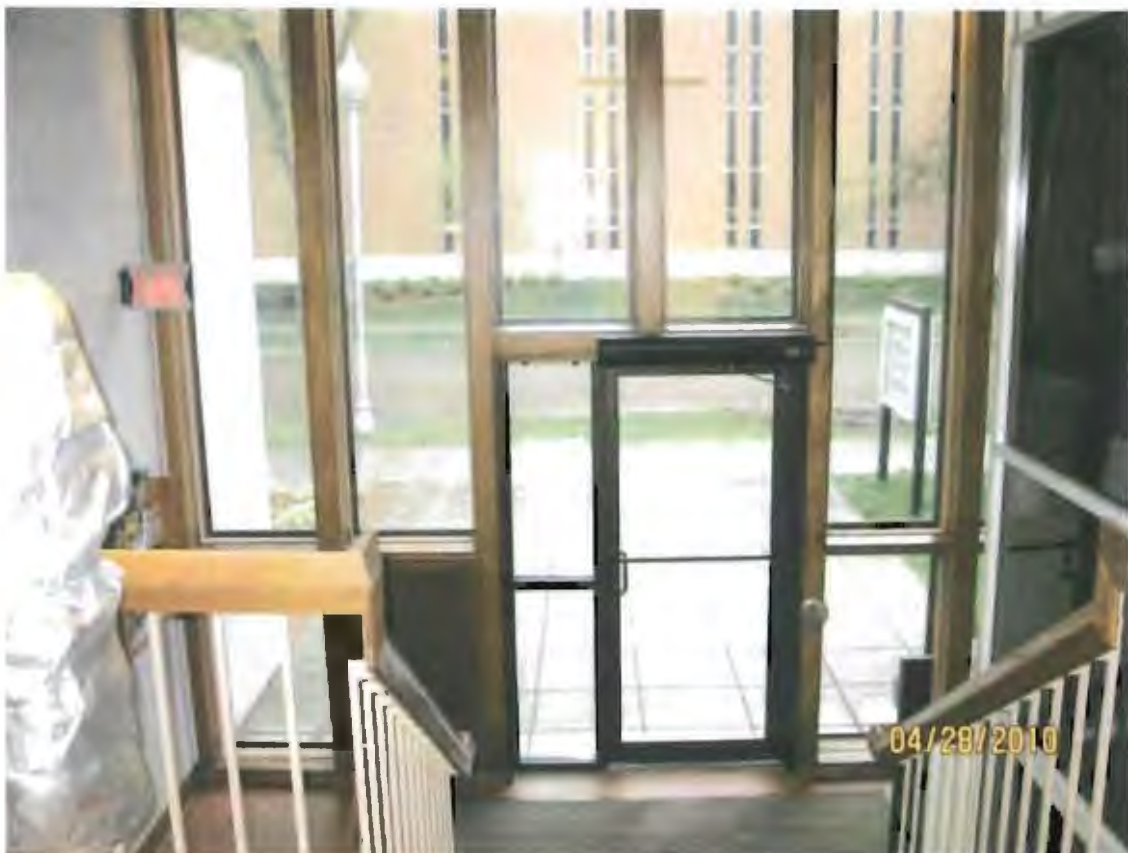
27) Apartment



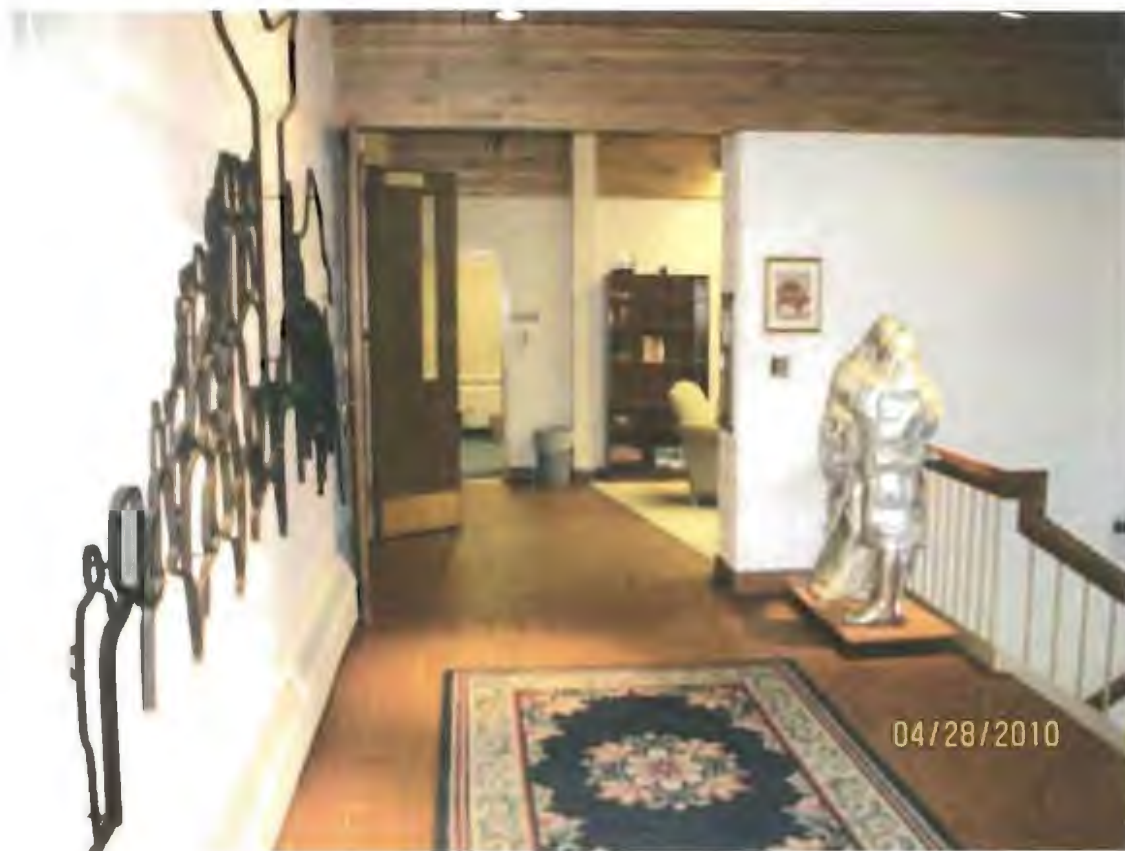
28) Storage Room Beneath East Entrance



29) One of Two Thermostats



30) Front Entrance Looking East



31) Main Floor Lobby Looking North

APPENDIX 3

Newman Center MSU

707 11th Street South

Moorhead, MN 56560

Inquiry Number: 2748047.5

April 21, 2010

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2010 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

Aerial Photography April 21, 2010

Target Property:

707 11th Street South

Moorhead, MN 56560

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1939	Aerial Photograph. Scale: 1"=500'	Flight Year: 1939	ASCS
1948	Aerial Photograph. Scale: 1"=500'	Flight Year: 1948	ASCS
1957	Aerial Photograph. Scale: 1"=500'	Flight Year: 1957	USGS
1965	Aerial Photograph. Scale: 1"=500'	Flight Year: 1965	ASCS
1976	Aerial Photograph. Scale: 1"=500'	Flight Year: 1976	USGS
1991	Aerial Photograph. Scale: 1"=500'	Flight Year: 1991	NAPP
1997	Aerial Photograph. Scale: 1"=500'	Flight Year: 1997	NAPP
2000	Aerial Photograph. Scale: 1"=500'	Flight Year: 2000	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR

City of Moorhead

Spring 1994
Spring 1999
Spring 2002
Summer 2005
Spring 2008
May 2009

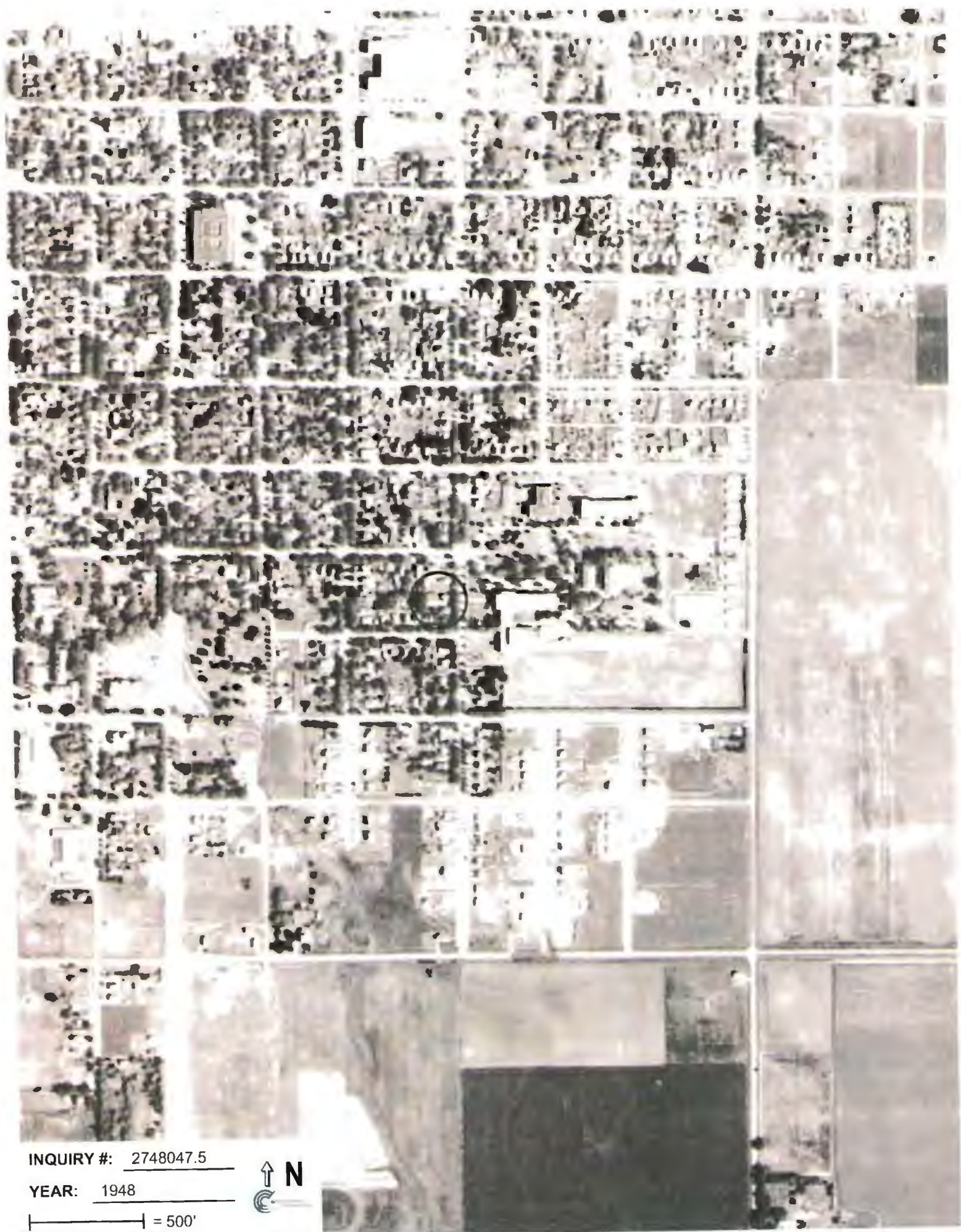


INQUIRY #: 2748047.5

YEAR: 1939

— = 500'





INQUIRY #: 2748047.5

YEAR: 1948

— = 500'





INQUIRY #: 2748047.5

YEAR: 1957

— = 500'





INQUIRY #: 2748047.5

YEAR: 1965

| = 500'





INQUIRY #: 2748047.5

YEAR: 1976

— = 500'





CITY OF
MOORHEAD
MINNESOTA

This map is for reference purposes only. It is not a substitute for an accurate field survey. Moorhead, MN is not responsible for any inaccuracies herein contained. This map is in the public domain and may be copied without permission. Citation of the source will be appreciated.

Spring 1994

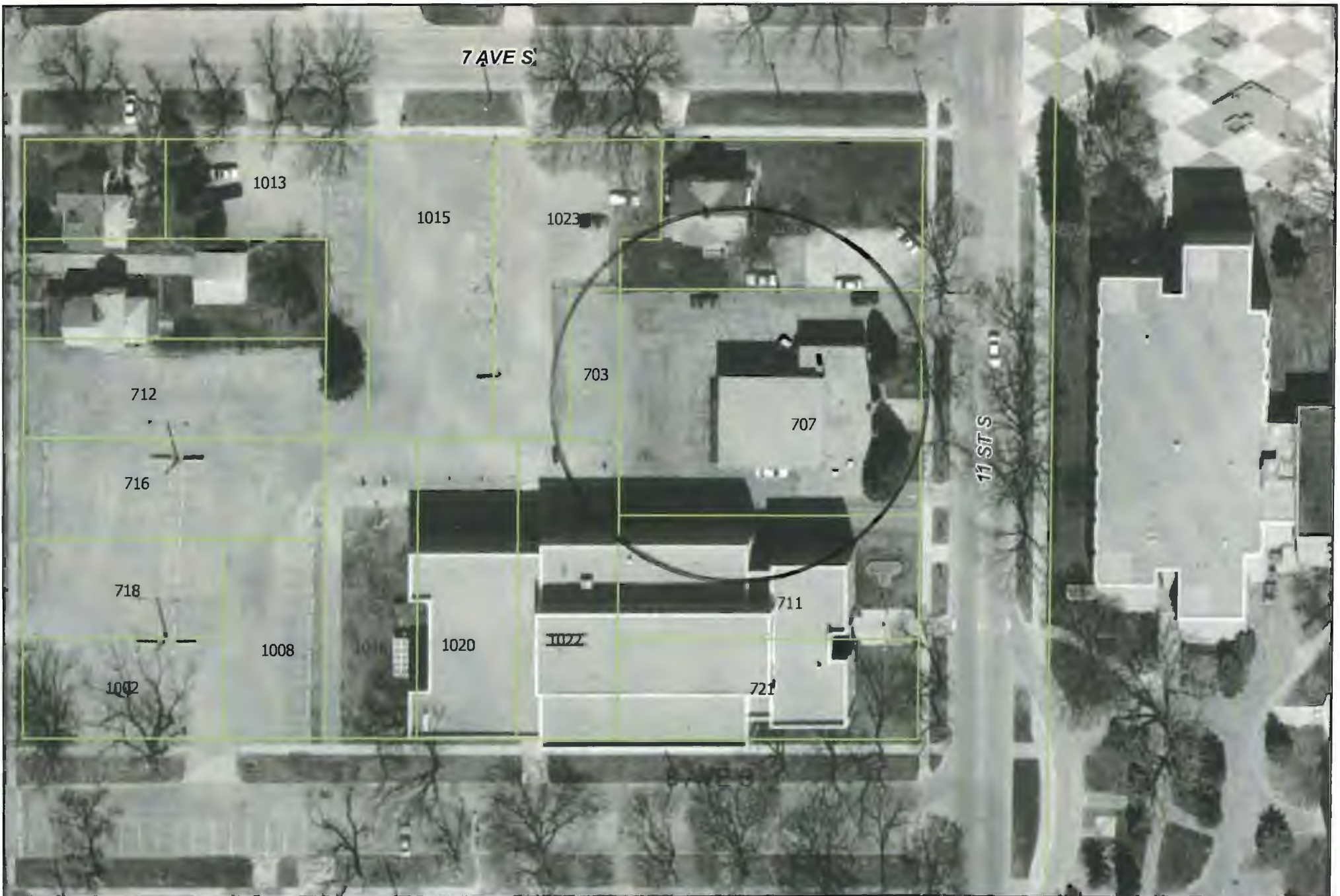
5/4/2010 12:21:29 PM

0 15 30 60 90 Feet

1 inch = 63 feet



MOORHEAD MINNESOTA



CITY OF
MOORHEAD
MINNESOTA

This map is for reference purposes only. It is not a substitute for an accurate field survey. Moorhead, MN is not responsible for any inaccuracies herein contained. This map is in the public domain and may be copied without permission. Citation of the source will be appreciated.

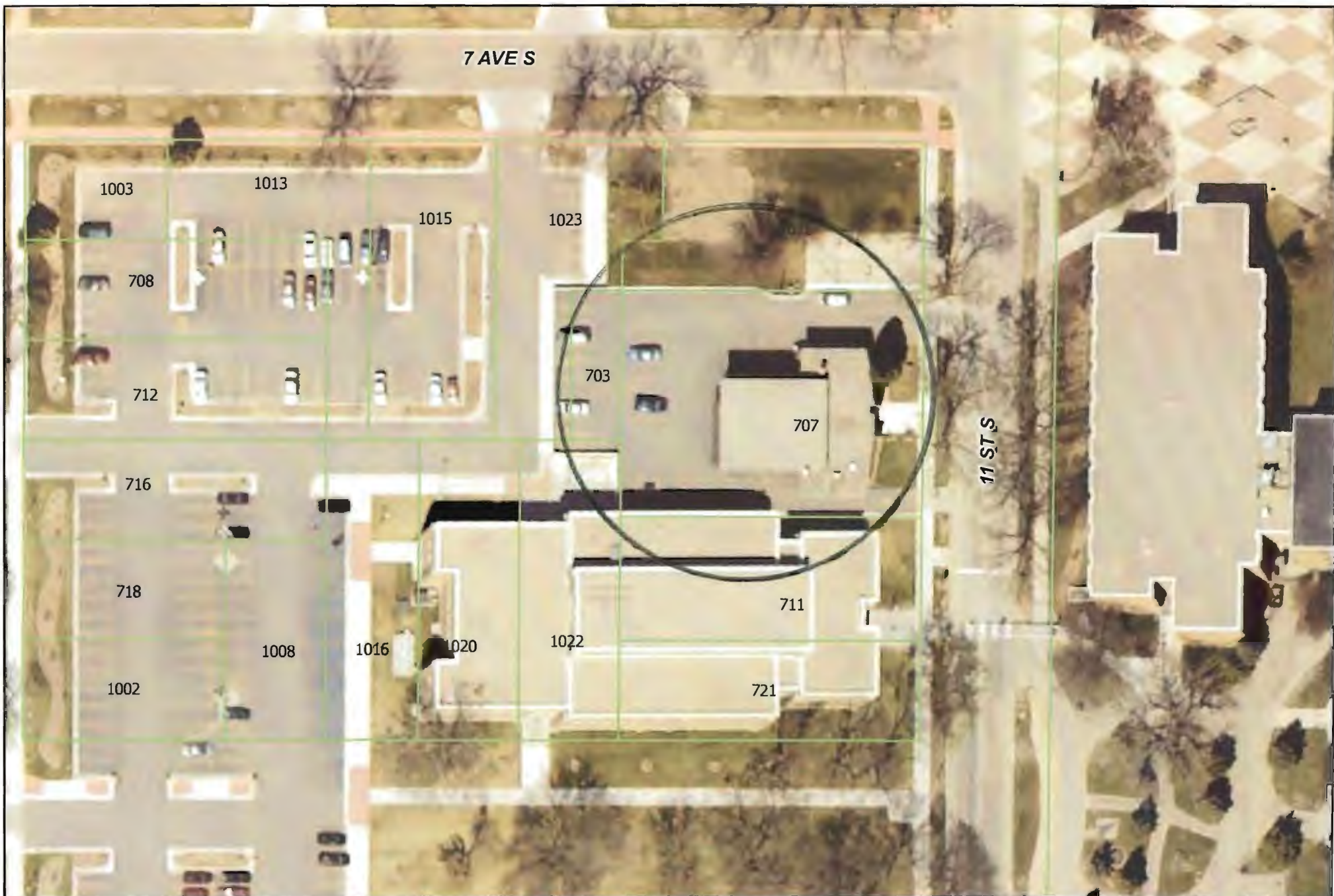
Spring 1999

5/4/2010 12:22:17 PM

0 15 30 60 90 Feet

1 inch = 63 feet





CITY OF
MOORHEAD
MINNESOTA

This map is for reference purposes only. It is not a substitute for an accurate field survey. Moorhead, MN is not responsible for any inaccuracies herein contained. This map is in the public domain and may be copied without permission. Citation of the source will be appreciated.

Spring 2002

5/4/2010 12:23:48 PM

0 15 30 60 90 Feet

1 inch = 63 feet





CITY OF
MOORHEAD
MINNESOTA

This map is for reference purposes only. It is not a substitute for an accurate field survey. Moorhead, MN is not responsible for any inaccuracies herein contained. This map is in the public domain and may be copied without permission. Citation of the source will be appreciated.

Summer 2005

5/4/2010 12:25:29 PM

0 15 30 60 90 Feet

1 inch = 63 feet





CITY OF
MOORHEAD
MINNESOTA

This map is for reference purposes only. It is not a substitute for an accurate field survey. Moorhead, MN is not responsible for any inaccuracies herein contained. This map is in the public domain and may be copied without permission. Citation of the source will be appreciated.

Spring 2008

5/4/2010 12:26:10 PM

0 15 30 60 90 Feet

1 inch = 63 feet





2009 Flood Crest

5/4/2010 12:27:00 PM

CITY OF
MOORHEAD
MINNESOTA

This map is for reference purposes only. It is not a substitute for an accurate field survey. Moorhead, MN is not responsible for any inaccuracies herein contained. This map is in the public domain and may be copied without permission. Citation of the source will be appreciated.

0 15 30 60 90 Feet

1 inch = 63 feet



APPENDIX 4

Newman Center MSU

707 11th Street South

Moorhead, MN 56560

Inquiry Number: 2748047.3

April 19, 2010

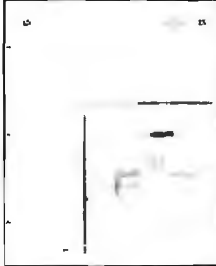
Certified Sanborn® Map Report

Sanborn Sheet Thumbnails

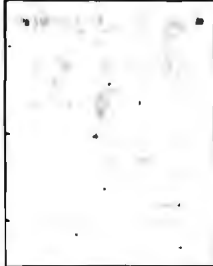
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



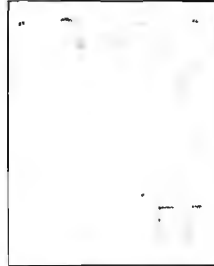
1956 Source Sheets



Volume 1, Sheet 15

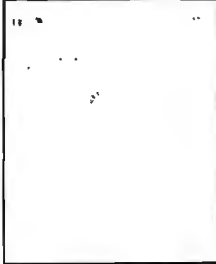


Volume 1, Sheet 13

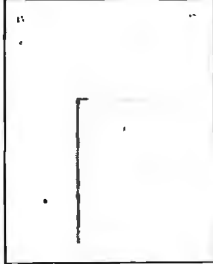


Volume 1, Sheet 14

1929 Source Sheets

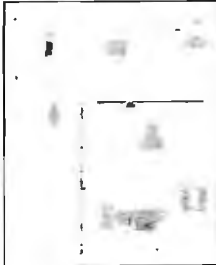


Volume 1, Sheet 13



Volume 1, Sheet 15

1922 Source Sheets

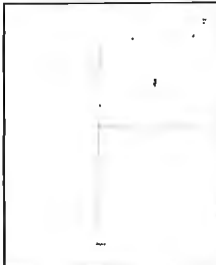


Volume 1, Sheet 13



Volume 1, Sheet 14

1896 Source Sheets



Volume 1, Sheet 7

Certified Sanborn® Map Report

4/19/10

Site Name:

Newman Center MSU
707 11th Street South
Moorhead, MN 56560

Client Name:

Legend Technical Services
1128 Westrac Drive South
Fargo, ND 58103



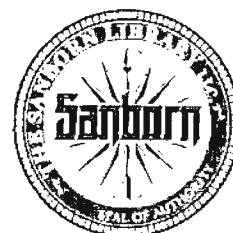
EDR Inquiry # 2748047.3

Contact: Mark Waltz

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Legend Technical Services were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Newman Center MSU
Address: 707 11th Street South
City, State, Zip: Moorhead, MN 56560
Cross Street:
P.O. # NA
Project: 1000073
Certification # 3EFB-405A-B66E



Sanborn Library search results
Certification # 3EFB-405A-B66E

Maps Provided:

1956
1929
1922
1896
1890

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Legend Technical Services (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2010 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

Aerial Photography April 21, 2010

Target Property:

707 11th Street South

Moorhead, MN 56560

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1939	Aerial Photograph. Scale: 1"=500'	Flight Year: 1939	ASCS
1948	Aerial Photograph. Scale: 1"=500'	Flight Year: 1948	ASCS
1957	Aerial Photograph. Scale: 1"=500'	Flight Year: 1957	USGS
1965	Aerial Photograph. Scale: 1"=500'	Flight Year: 1965	ASCS
1976	Aerial Photograph. Scale: 1"=500'	Flight Year: 1976	USGS
1991	Aerial Photograph. Scale: 1"=500'	Flight Year: 1991	NAPP
1997	Aerial Photograph. Scale: 1"=500'	Flight Year: 1997	NAPP
2005	Aerial Photograph. 1" = 604'	Flight Year: 2005	EDR
2006	Aerial Photograph. 1" = 604'	Flight Year: 2006	EDR

1890 Certified Sanborn Map

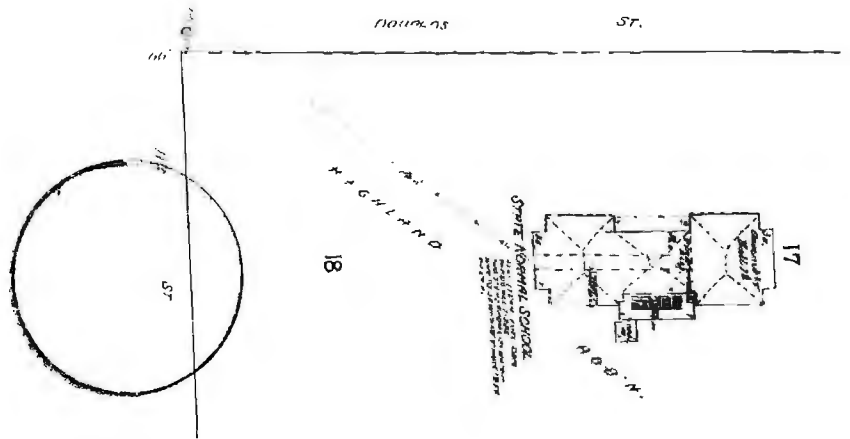
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnl.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDRI) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC. The copyright holder for this collection.

Certification #

3EFB-405A-B66E

Map Name: Newman Center ASH
Address: 707 11th Street South
City: ZIP: Mount Pleasant, MI 48156
Date: Legend Technical Services
CDR Inquiry: 2748047
Order Date: 6/18/2010 8:00:01 AM
Contact: 311-405A-B66E

Copyright 1890



This Certified Sanborn Map combines the following sheets (thumbnails on page 3).

0 Feet 150 300 600

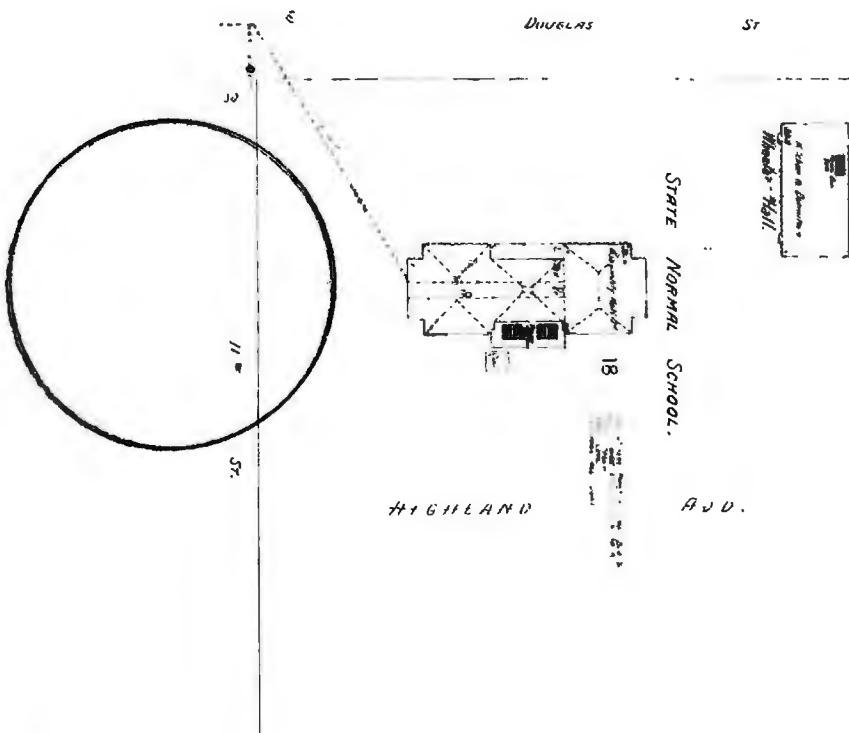


1896 Certified Sanborn Map

The original Sanborn Library search results in this report can be authorized by visiting the original Sanborn Library website and entering the certification number. Only Environmental Data Resources Inc. (EDRI) is authorized to grant rights for commercial reproduction of maps. The Sanborn Library LLC, the copyright holder for the collection.

Certification # 3EFB-405A-B66E

Site Name: Newman Center 4451
Address: 707 11th Street South
City: St. Paul
State: MN 55104
EIR: 2748047-3
City: St. Paul
Certification #: 3EFB-405A-B66E



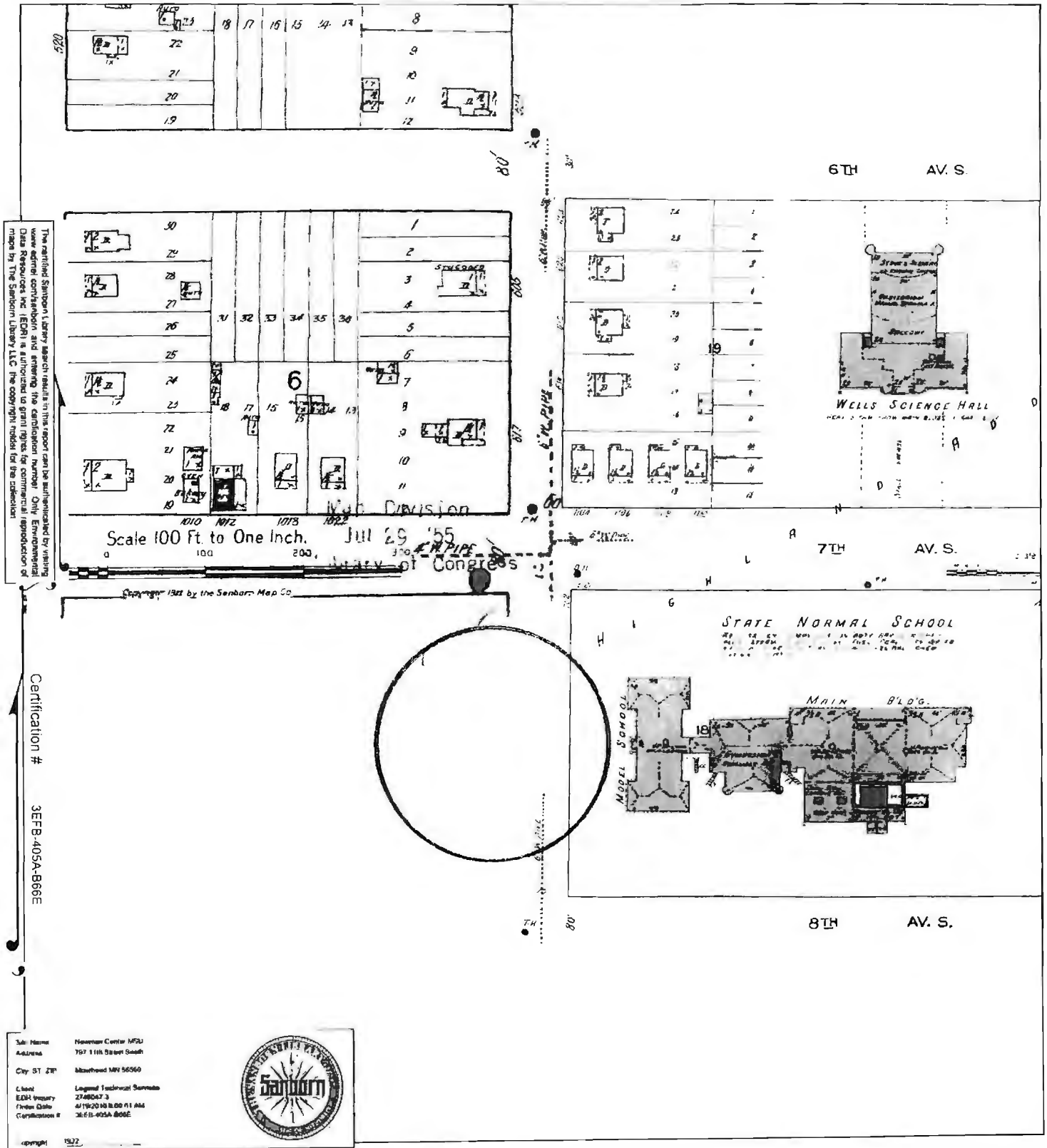
This Certified Sanborn Map combines the following sheets (thumbnails on page 3).

0 Feet 150 300 600

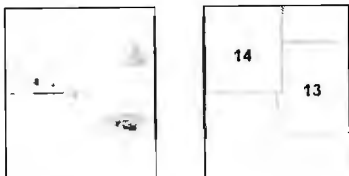
Volume 1, Sheet 7

N

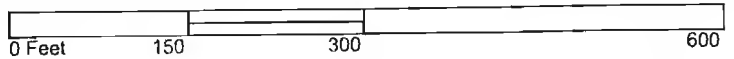
1922 Certified Sanborn Map



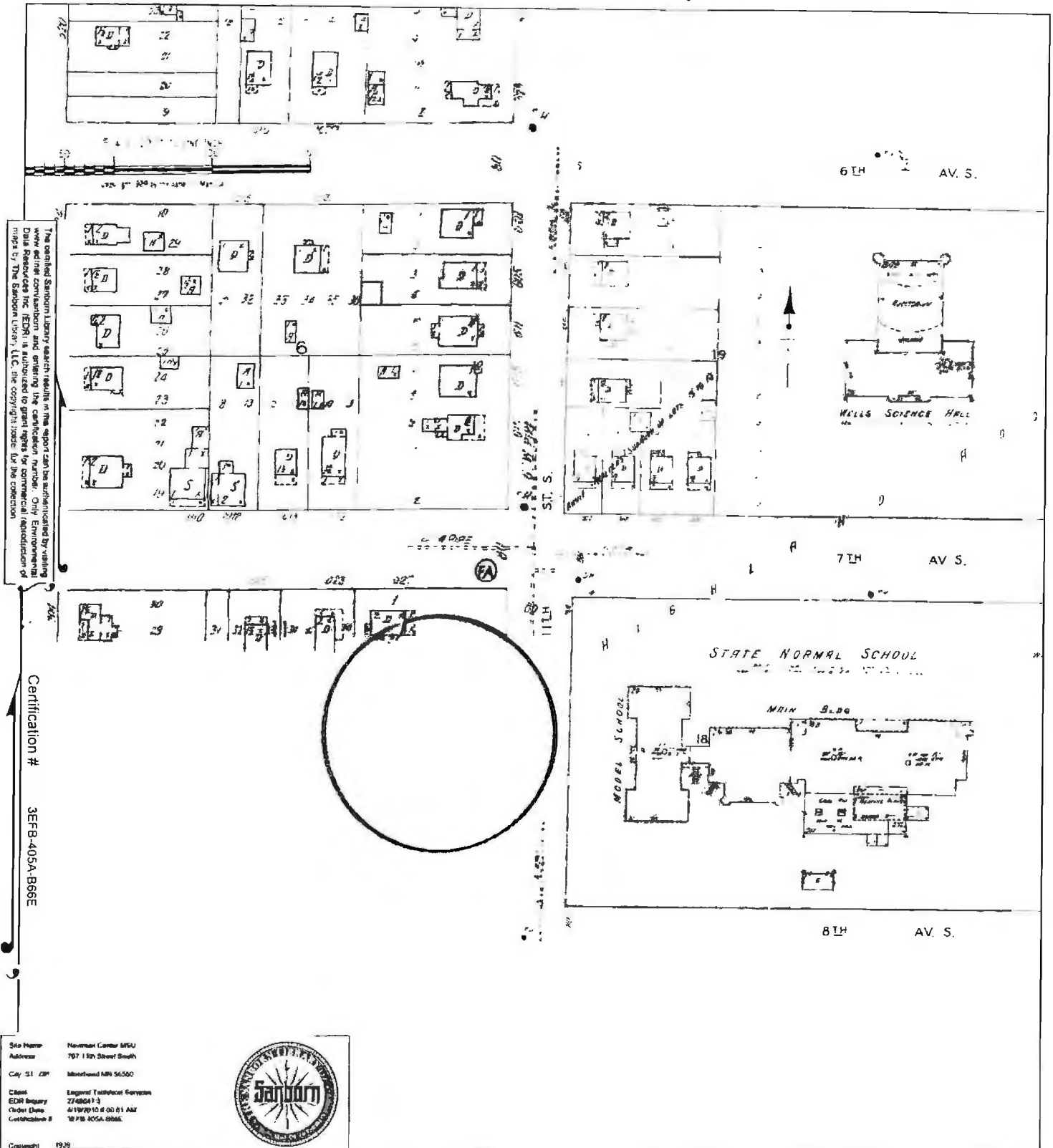
This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



Volume 1, Sheet 13
Volume 1, Sheet 14

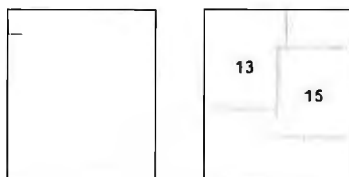


1929 Certified Sanborn Map



This Certified Sanborn Map combines the following sheets (thumbnails on page 3).

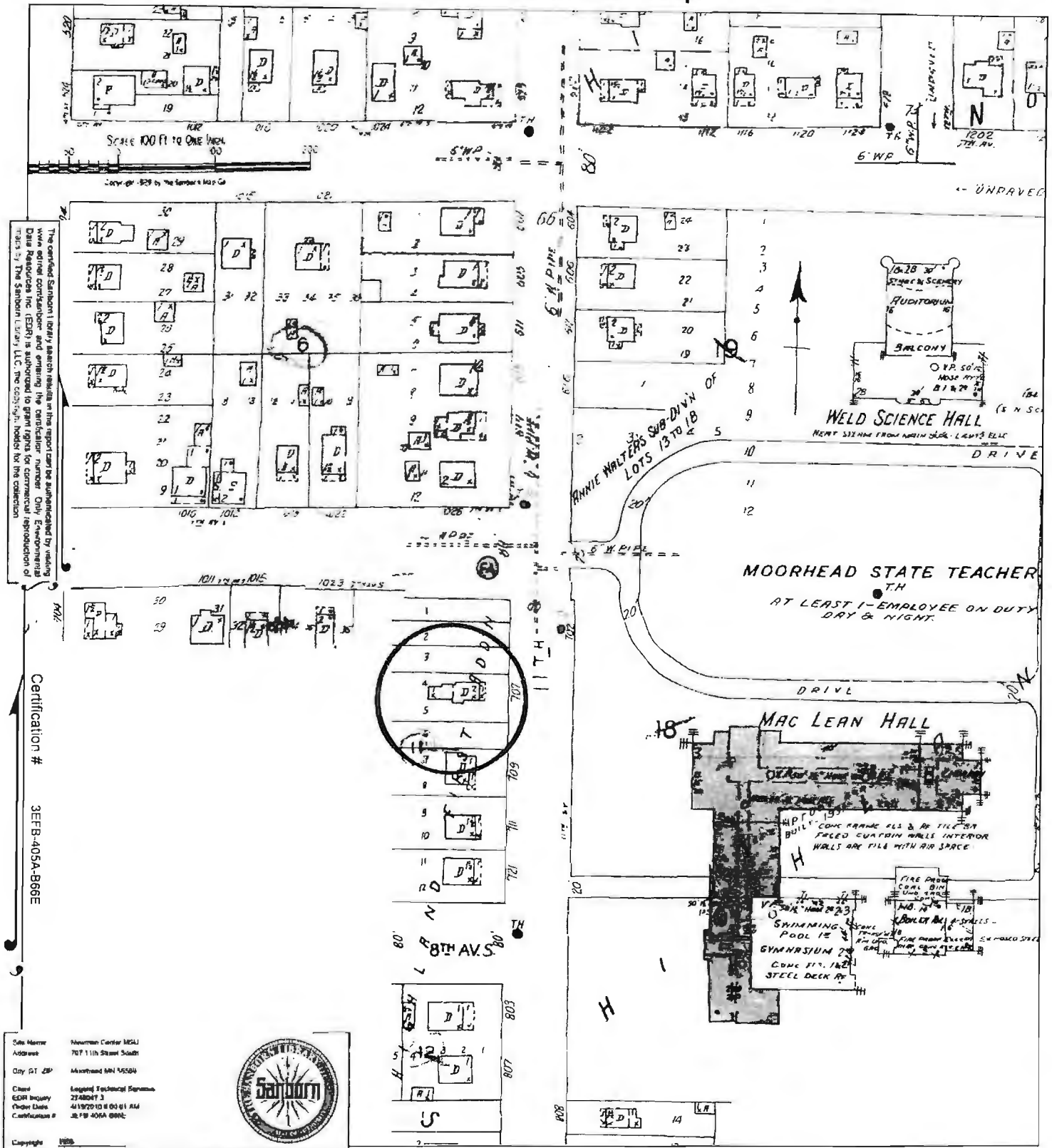
0 Feet 150 300 600



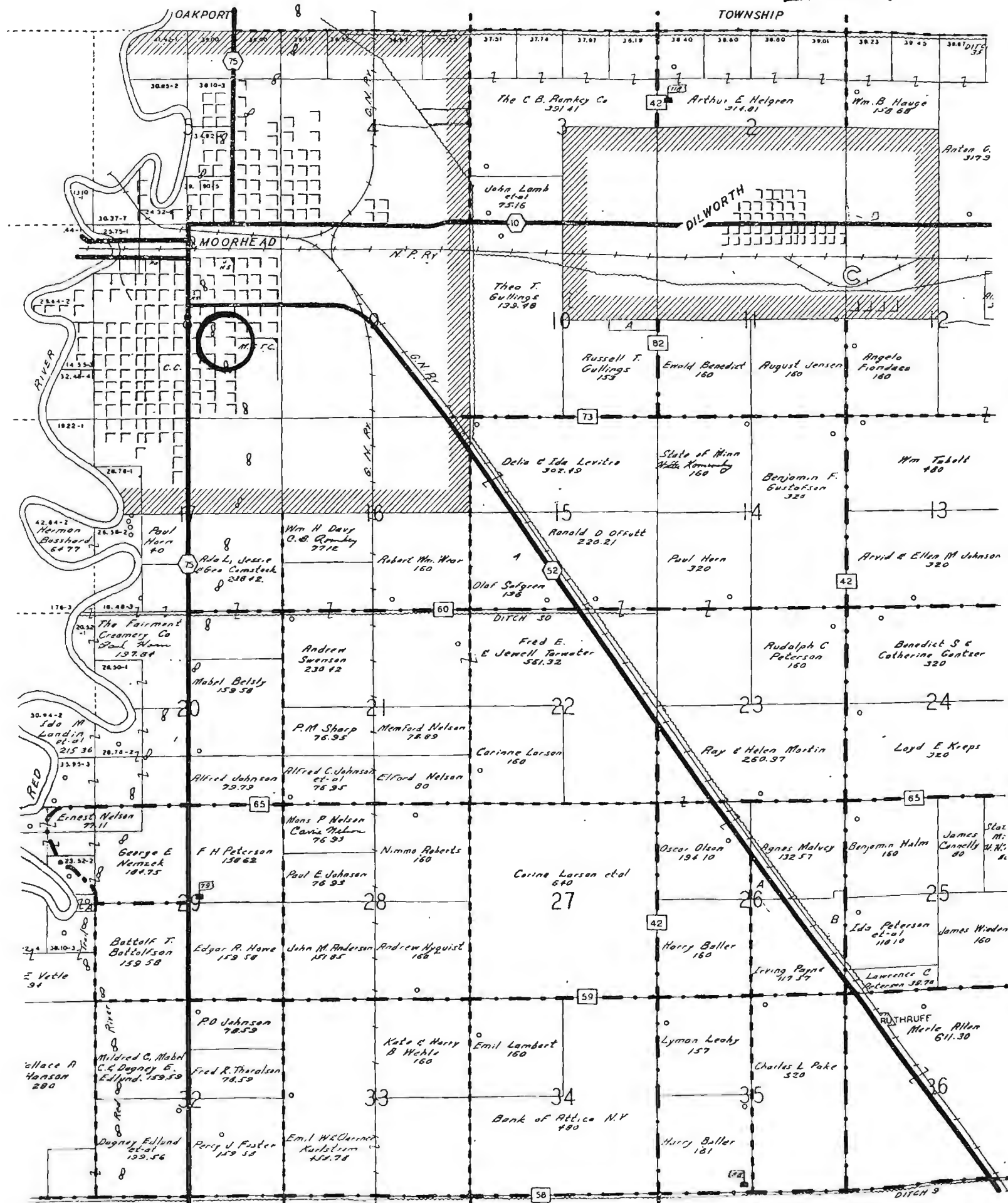
Volume 1, Sheet 13
 Volume 1, Sheet 15



1956 Certified Sanborn Map

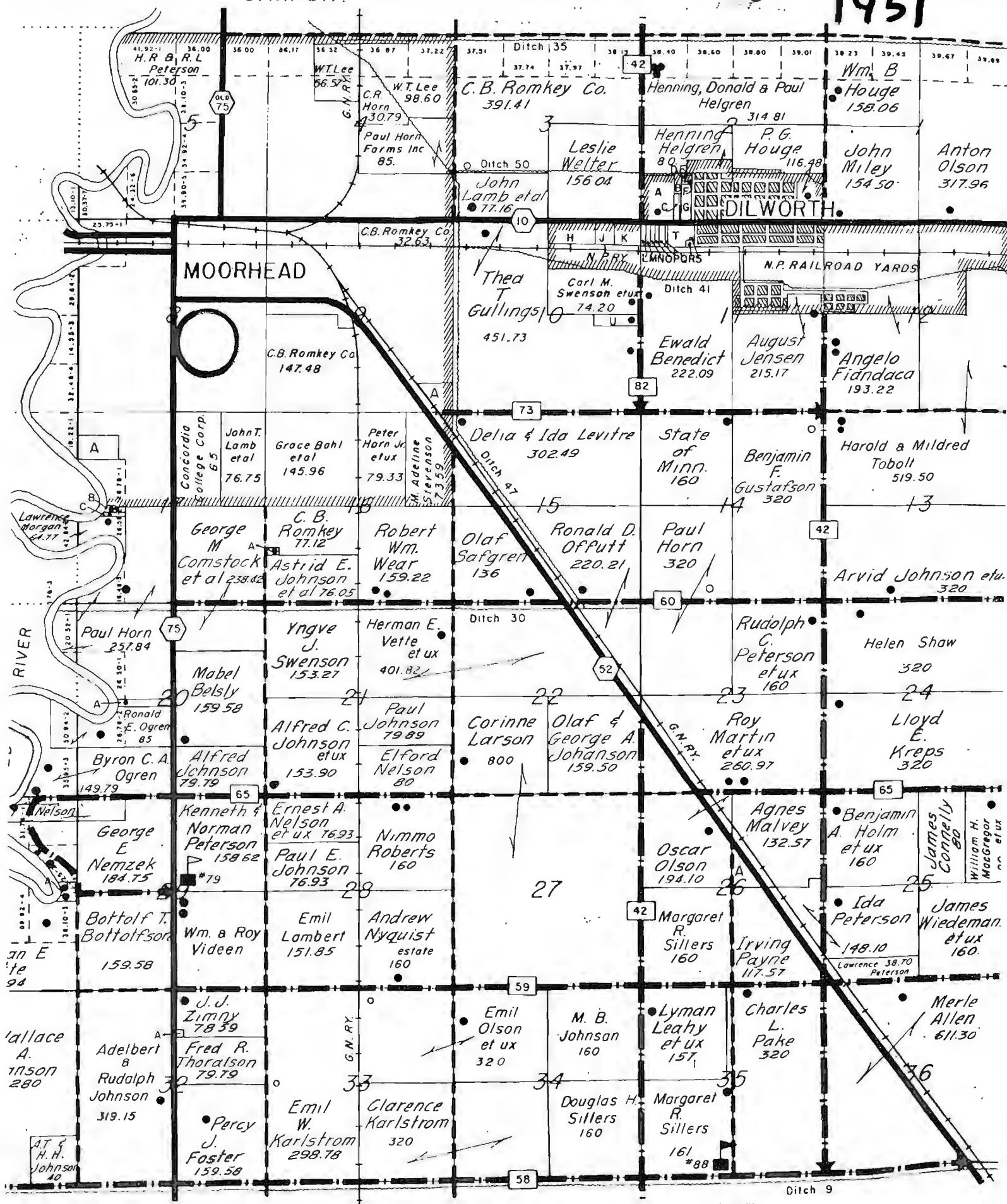


basely
of ad
when
mony



OAK. OBT

1951



172

Owners Name	Acreage	Sec	Code	Owners Name	Acreage	Sec	Code	Owners Name	Acreage
									6.50
						2	1	Evelyn Frisby	7.00

MOORHEAD

1964

TOWNSHIP 139 N.

RANGE 48 & 49 W.

CODE LETTER MO

1964

OAKPORT

NORTH DAKOTA

6

7

18

19

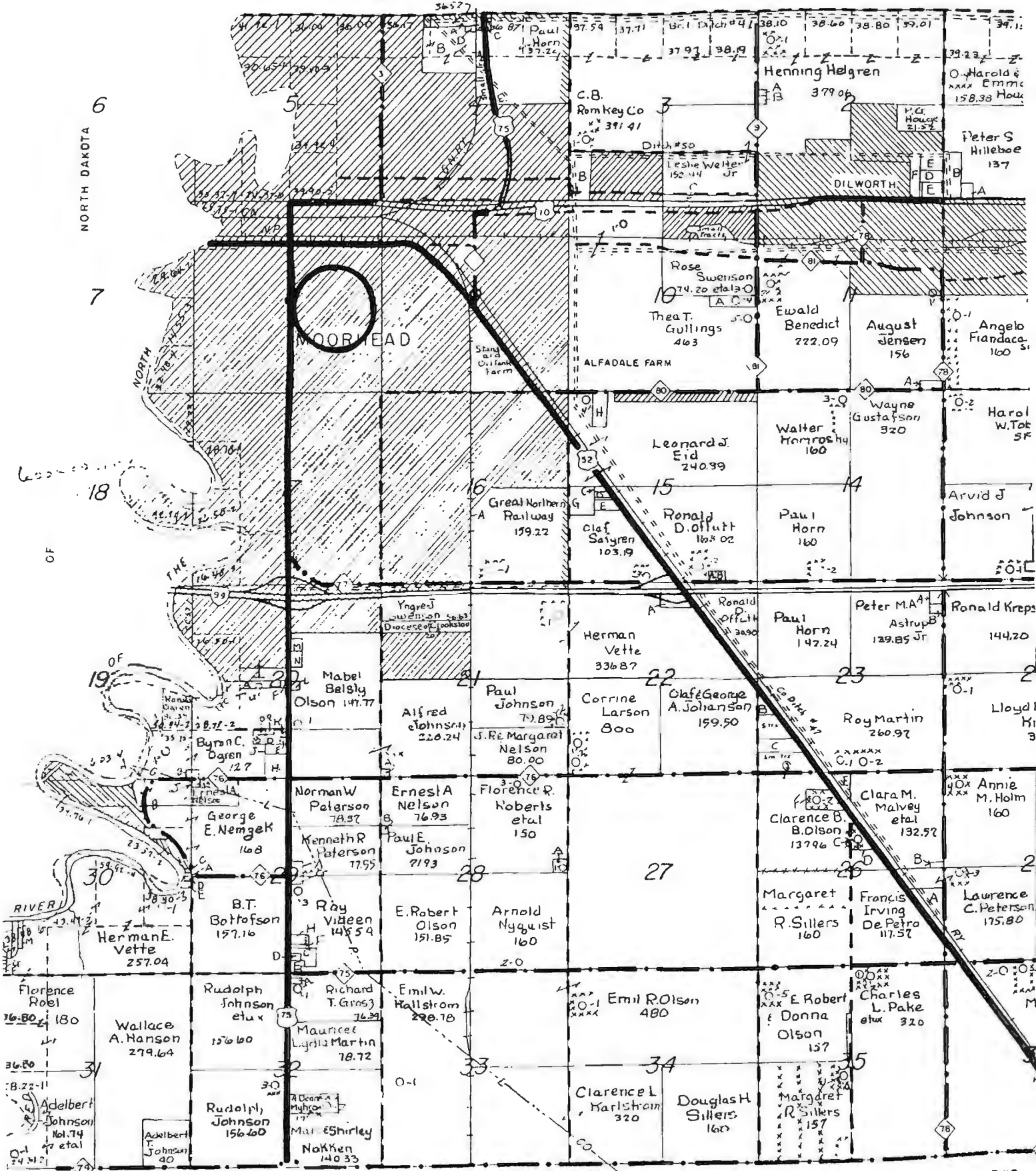
30

31

KURTZ

SMALL TRACT OWNERS

TWP.

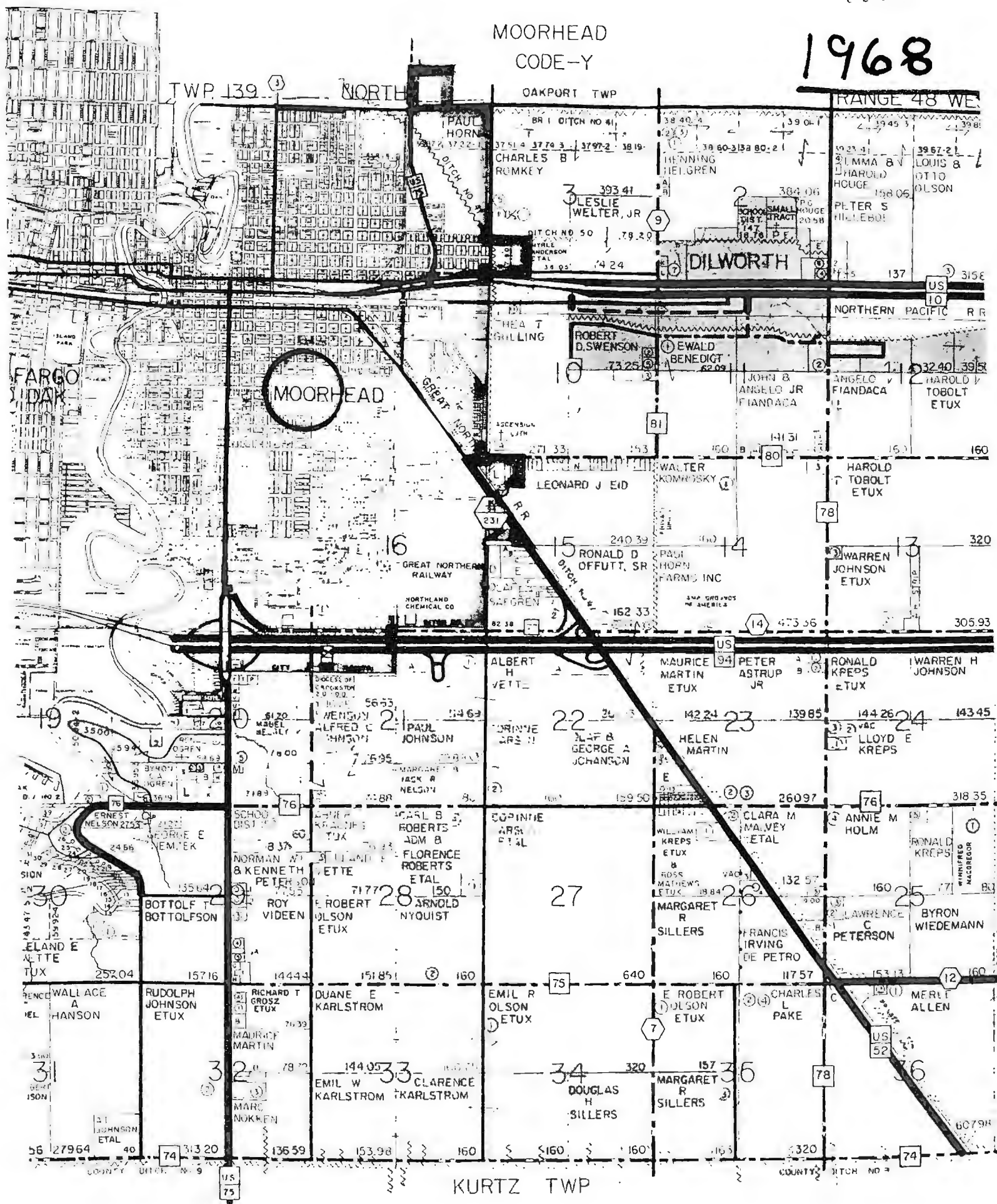


1968

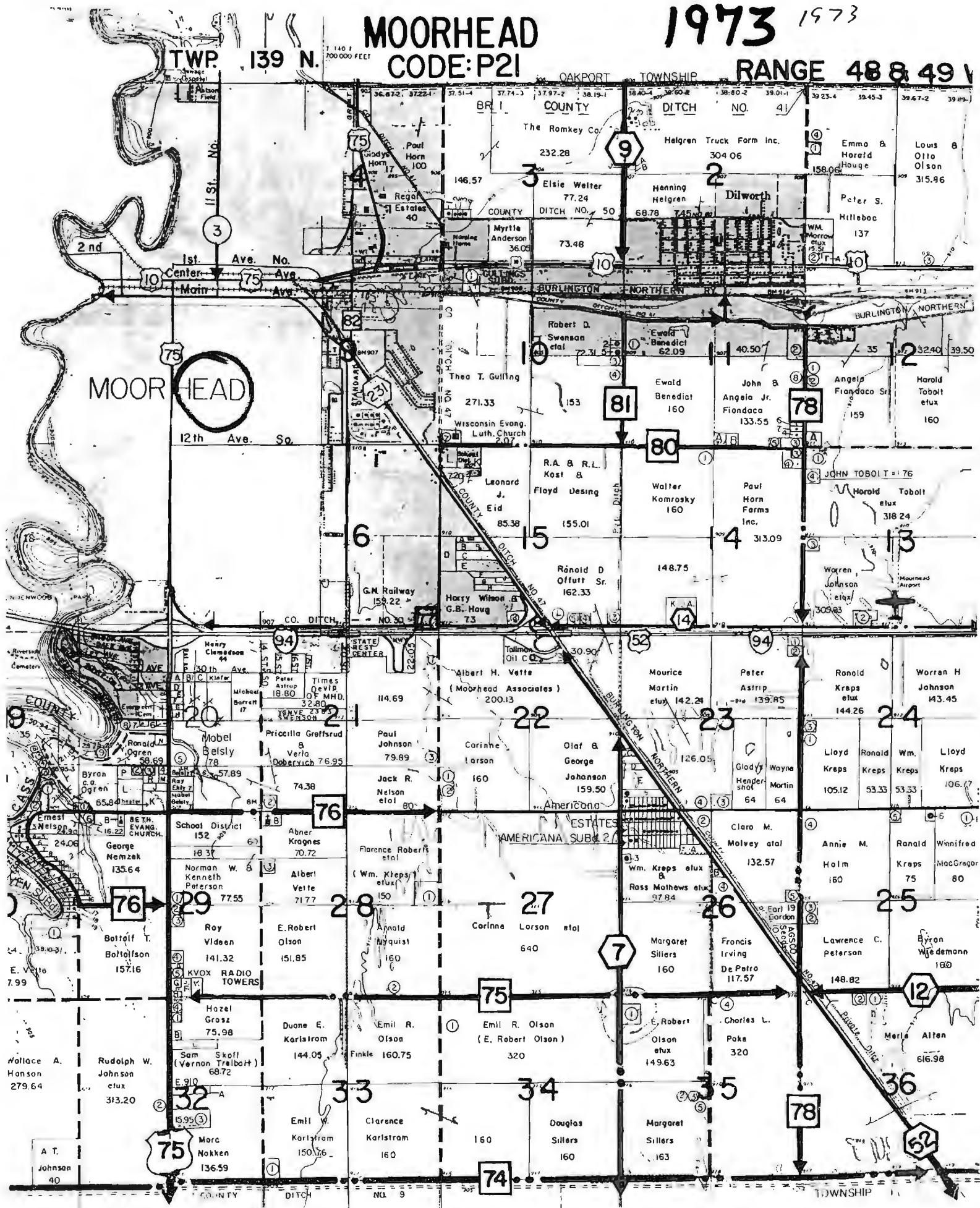
TWP. 139 ³ NORTH

OAKPORT TWP

RANGE 48 WE



RANGE 48 & 49

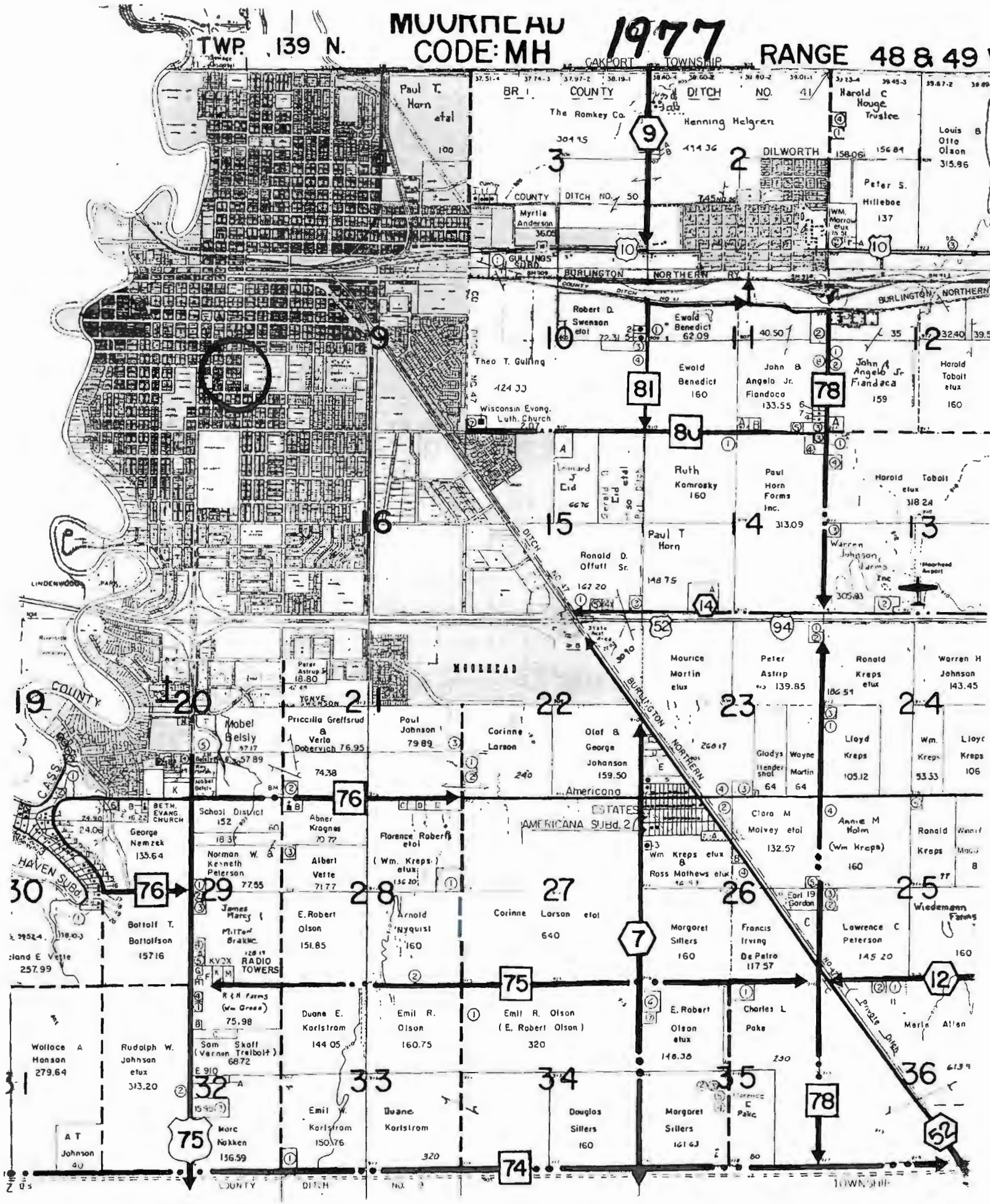


TWP. 139 N.

MOOREHEAD
CODE: MH

1977

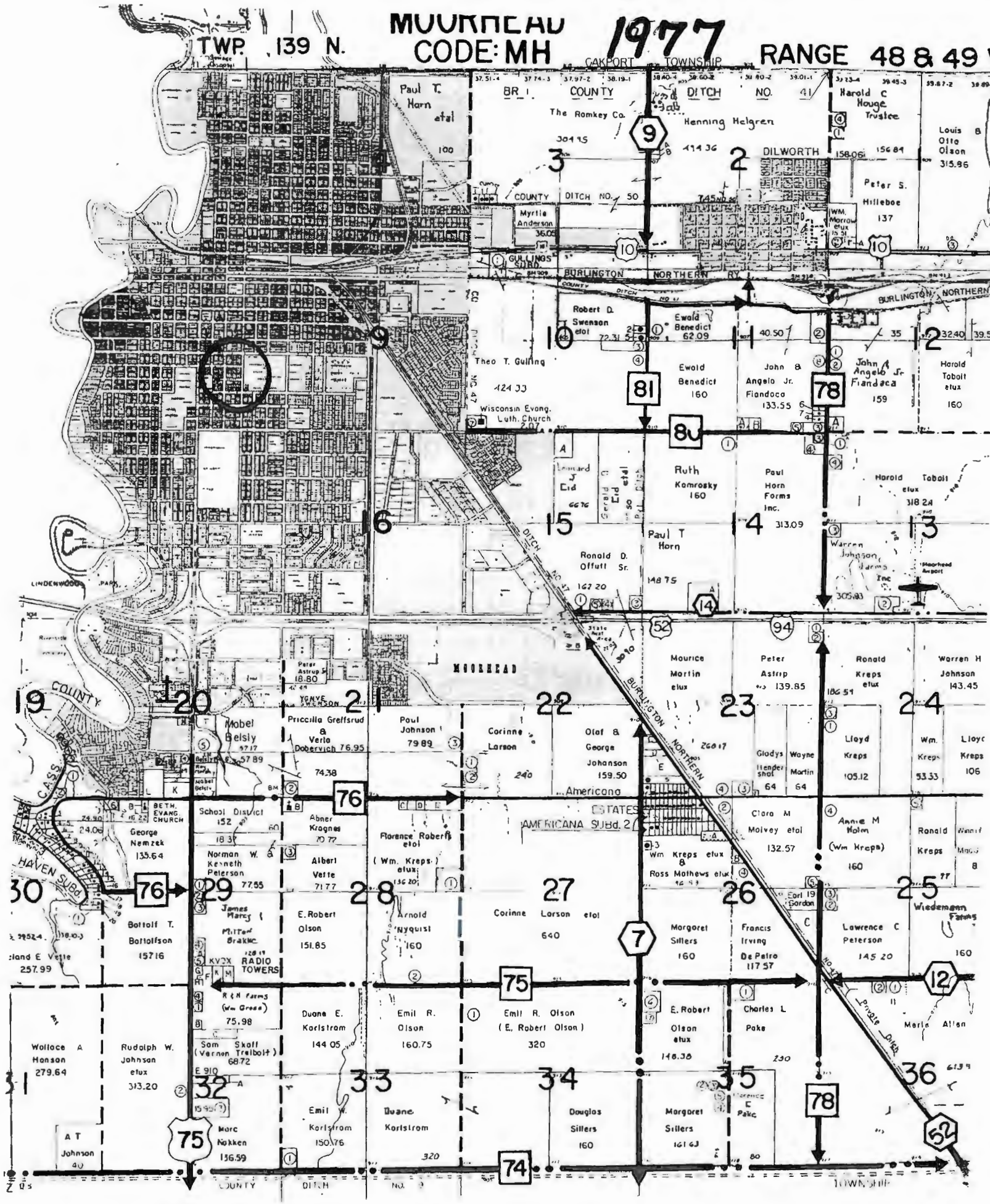
RANGE 48 & 49



MOOREHEAD
CODE: MH

1977

RANGE 48 & 49

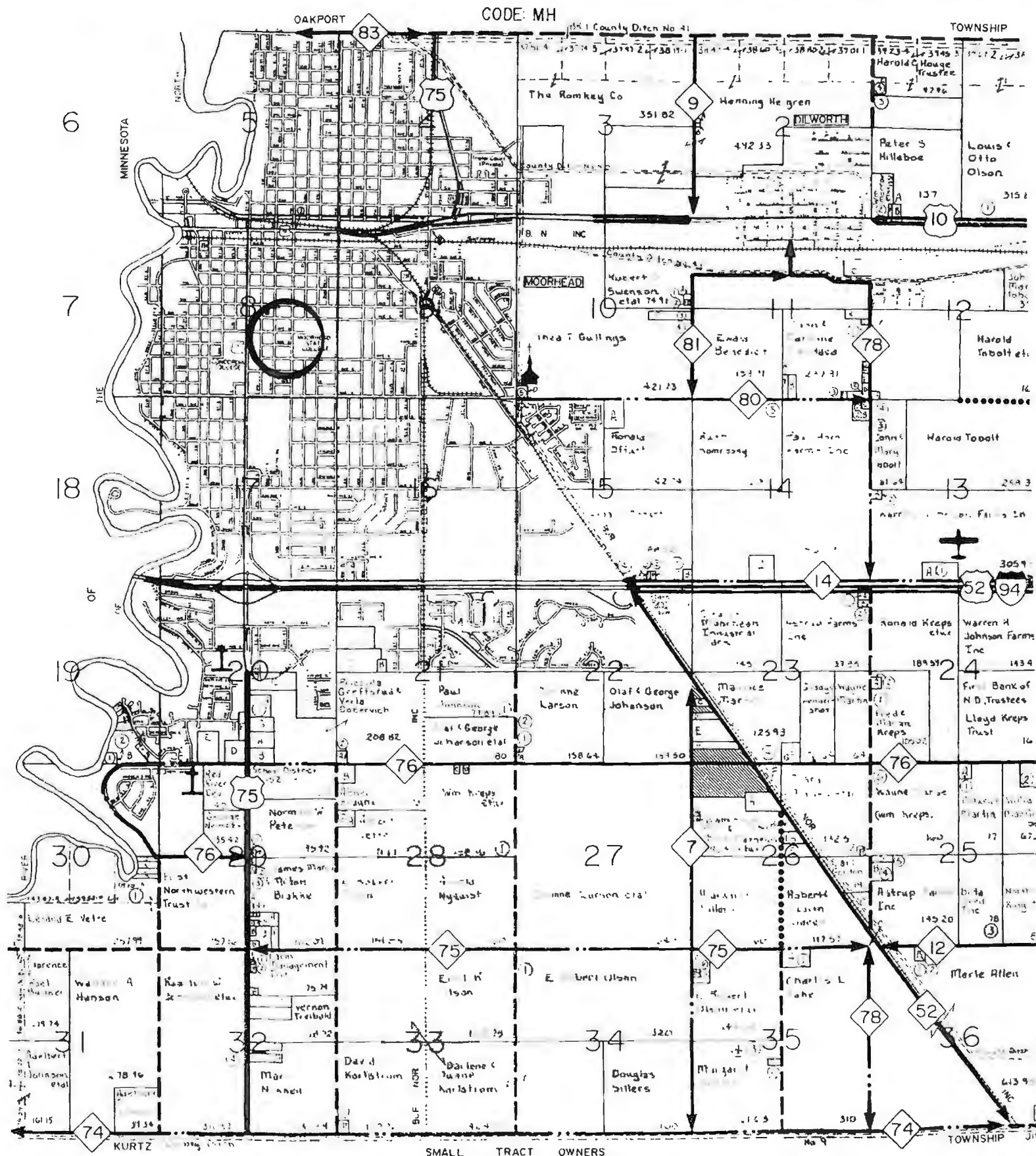




1985 1985



RANGE:48849 W.



SEE SMALL TRACT SECTION FOLLOWING TOWNSHIP MAPS

APPENDIX 5

Newman Center MSU

707 11th Street South

Moorhead, MN 56560

Inquiry Number: 2748047.4

April 19, 2010

The EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

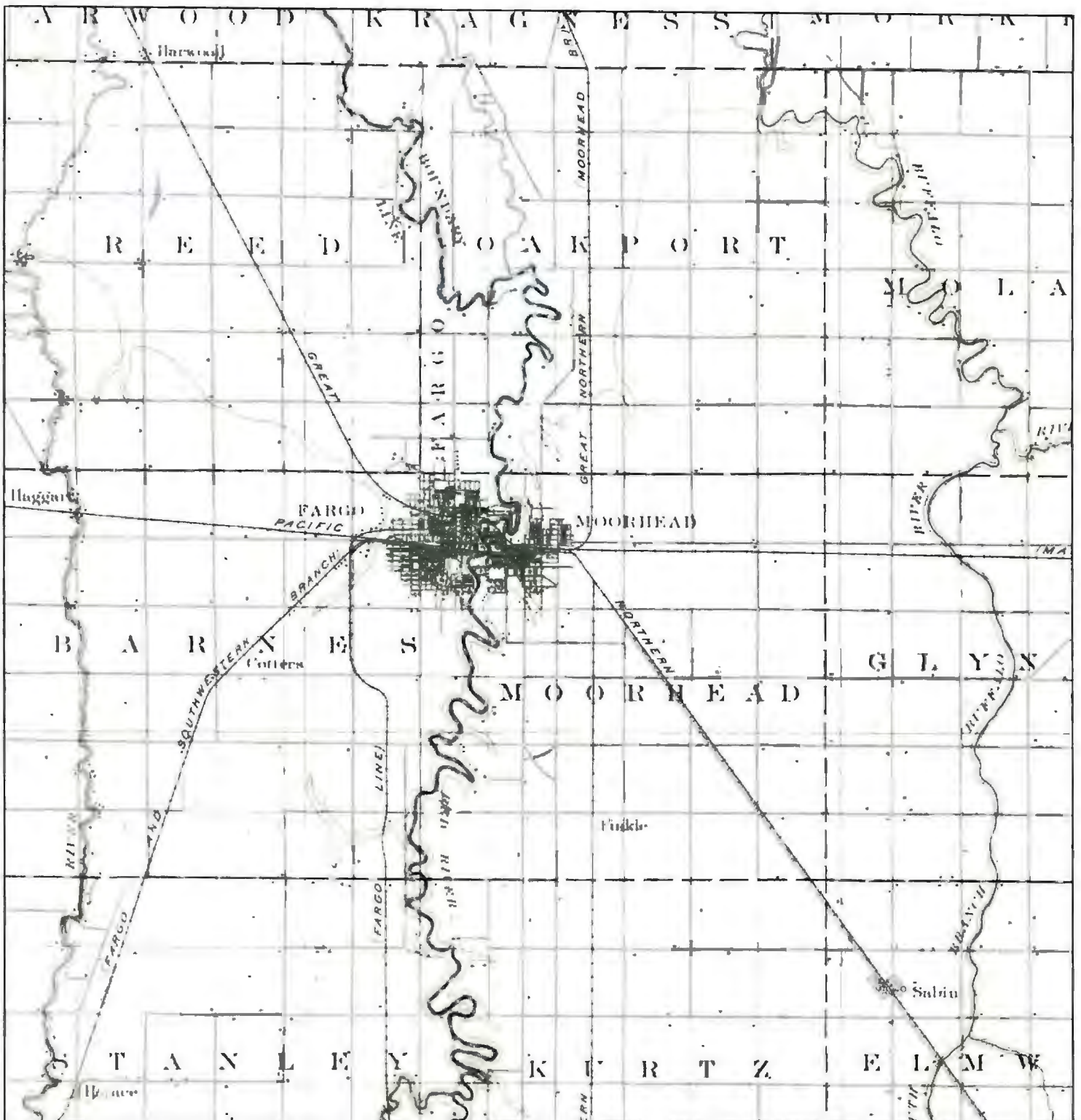
Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2010 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

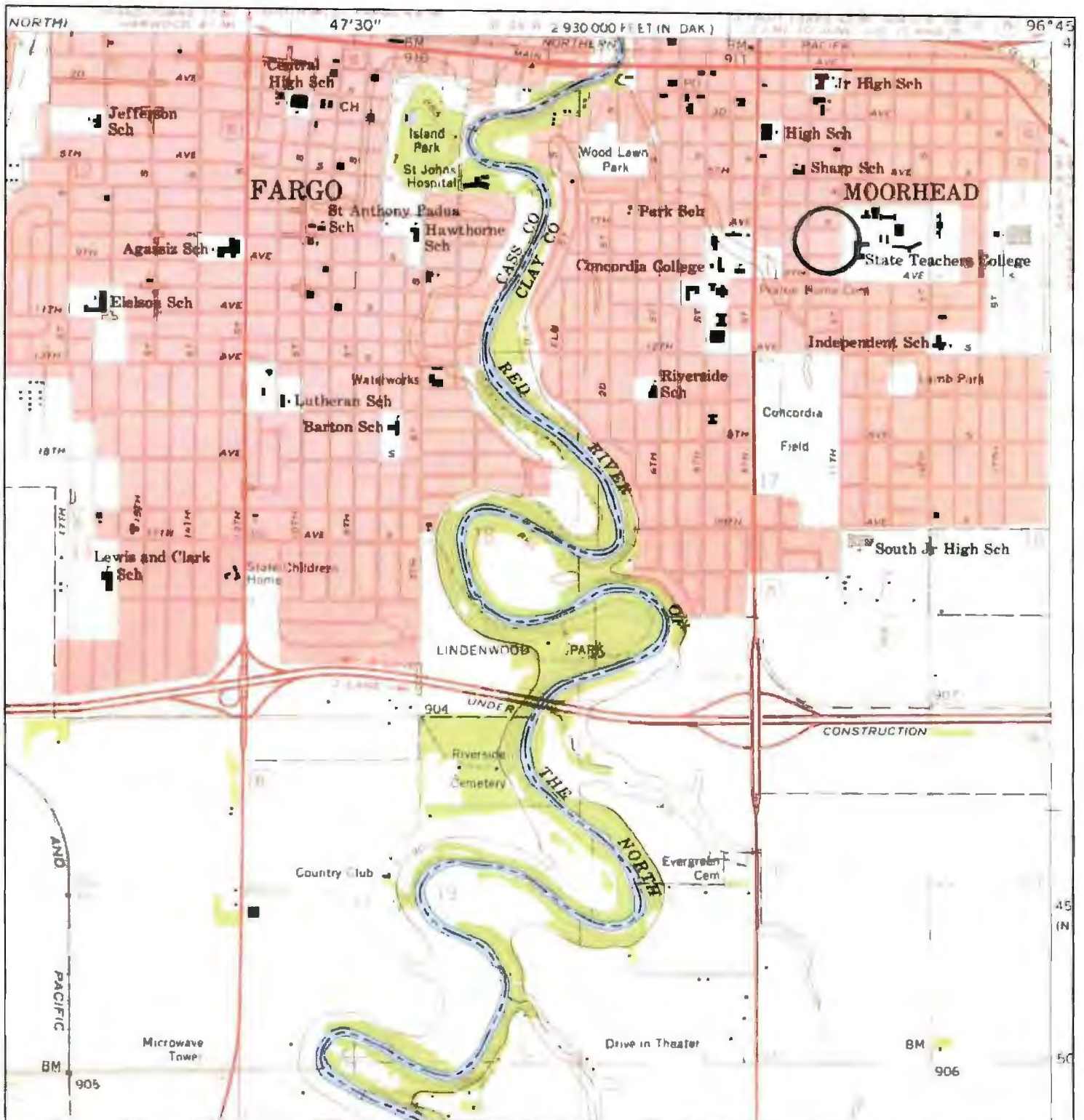
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Historical Topographic Map



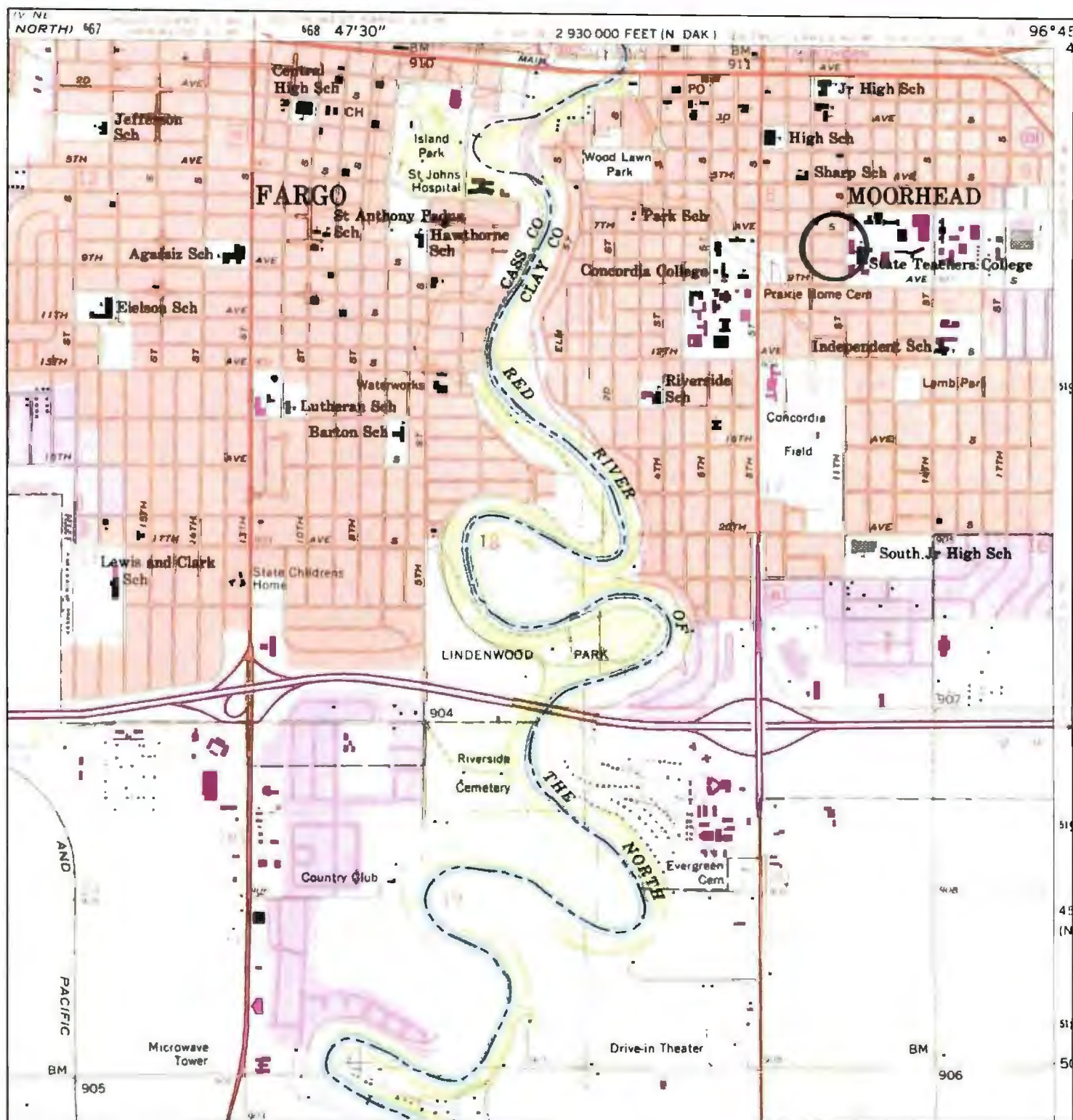
<p>N ↑</p>	<p>TARGET QUAD NAME: FARGO MAP YEAR: 1897 SERIES: 30 SCALE: 1:125000</p>	<p>SITE NAME: Newman Center MSU ADDRESS: 707 11th Street South Moorhead, MN 56560 LAT/LONG: 46.8672 / 96.7628</p>	<p>CLIENT: Legend Technical Services CONTACT: Mark Waltz INQUIRY#: 2748047.4 RESEARCH DATE: 04/19/2010</p>
----------------	---	---	--

Historical Topographic Map



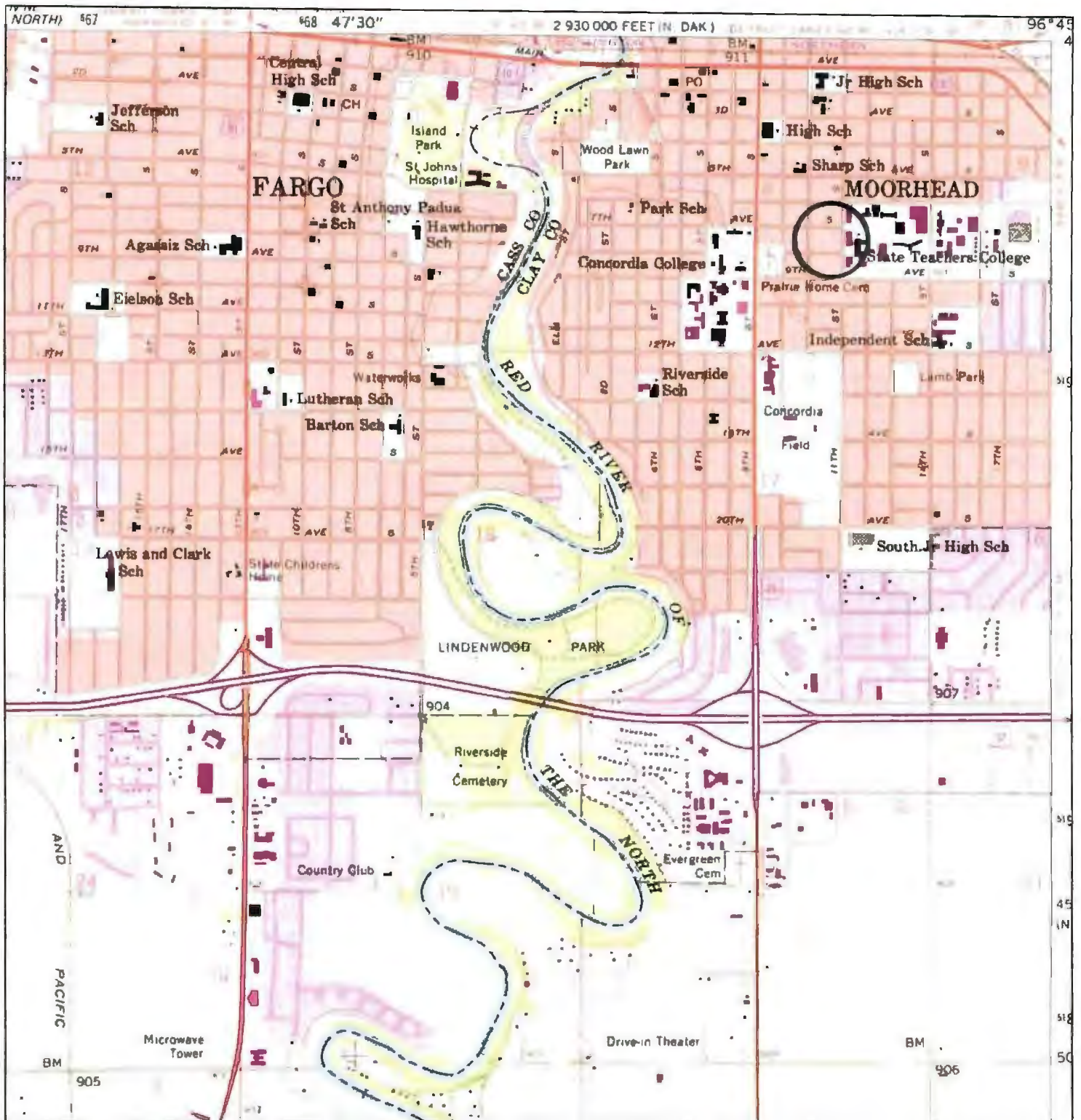
<p>N ↑</p>	<p>TARGET QUAD NAME: FARGO SOUTH MAP YEAR: 1959 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Newman Center MSU ADDRESS: 707 11th Street South Moorhead, MN 56560 LAT/LONG: 46.8672 / 96.7628</p>	<p>CLIENT: Legend Technical Services CONTACT: Mark Waltz INQUIRY#: 2748047.4 RESEARCH DATE: 04/19/2010</p>
----------------	---	---	--

Historical Topographic Map



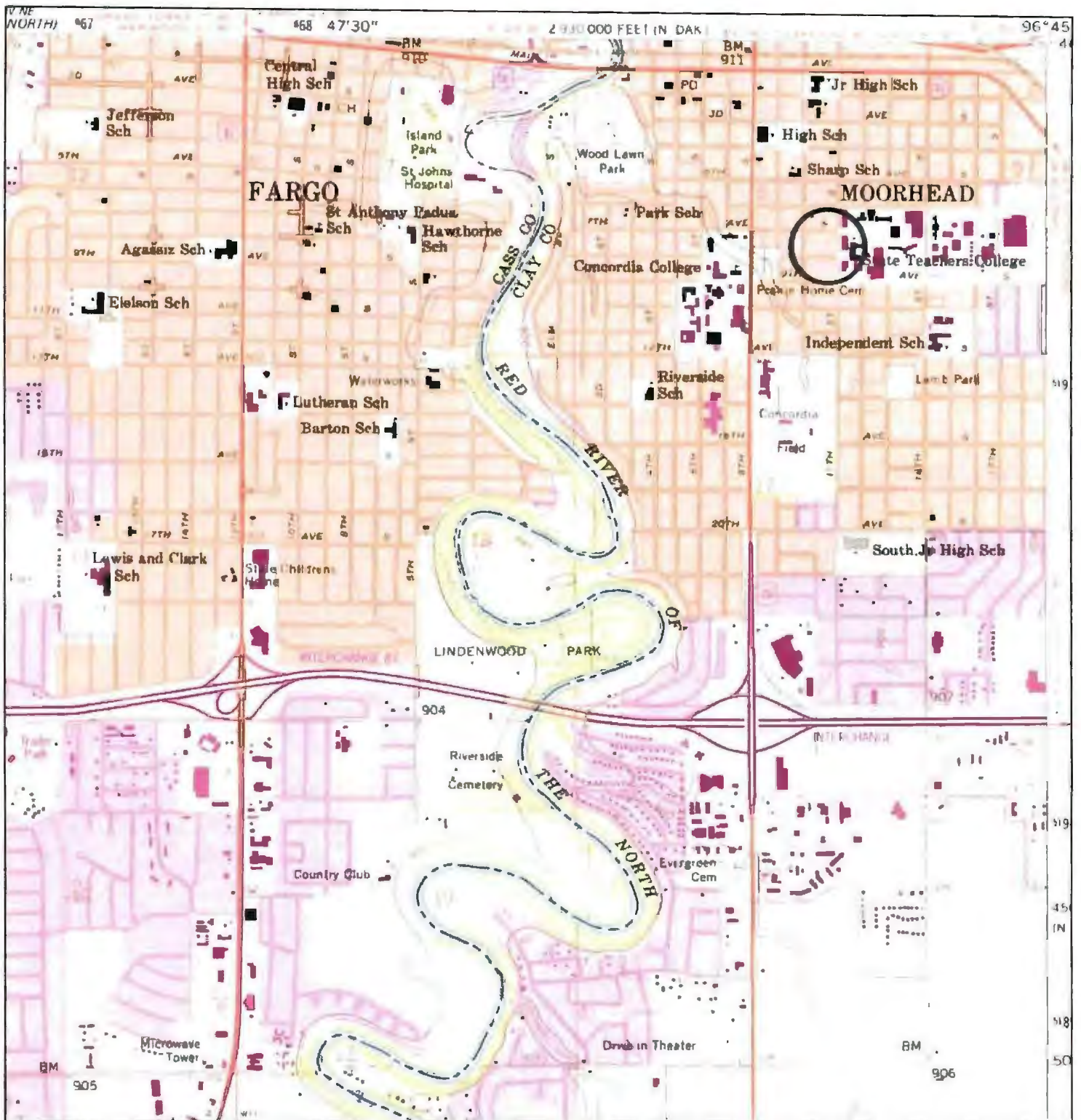
<p>N ↑</p>	<p>TARGET QUAD NAME: FARGO SOUTH MAP YEAR: 1971 PHOTOREVISED FROM: 1959 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Newman Center MSU ADDRESS: 707 11th Street South Moorhead, MN 56560 LAT/LONG: 46.8672 / 96.7628</p>	<p>CLIENT: Legend Technical Services CONTACT: Mark Waltz INQUIRY#: 2748047.4 RESEARCH DATE: 04/19/2010</p>
----------------	--	---	--

Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: FARGO SOUTH MAP YEAR: 1976 PHOTOREVISED FROM: 1959 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Newman Center MSU ADDRESS: 707 11th Street South Moorhead, MN 56560 LAT/LONG: 46.8672 / 96.7628</p>	<p>CLIENT: Legend Technical Services CONTACT: Mark Waltz INQUIRY#: 2748047.4 RESEARCH DATE: 04/19/2010</p>
----------------	--	---	--

Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: FARGO SOUTH MAP YEAR: 1993 REVISED FROM: 1959 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Newman Center MSU ADDRESS: 707 11th Street South Moorhead, MN 56560 LAT/LONG: 46.8672 / 96.7628</p>	<p>CLIENT: Legend Technical Services CONTACT: Mark Waltz INQUIRY#: 2748047.4 RESEARCH DATE: 04/19/2010</p>
----------------	---	---	--

APPENDIX 6

Newman Center MSU
707 11th Street South
Moorhead, MN 56560

Inquiry Number: 2748047.2s
April 16, 2010

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	155
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-28

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2010 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

707 11TH STREET SOUTH
MOORHEAD, MN 56560

COORDINATES

Latitude (North):	46.867200 - 46° 52' 1.9"
Longitude (West):	96.762800 - 96° 45' 46.1"
Universal Transverse Mercator:	Zone 14
UTM X (Meters):	670507.9
UTM Y (Meters):	5192618.0
Elevation:	906 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	46096-G7 FARGO SOUTH, ND
Most Recent Revision:	1993
North Map:	46096-H7 FARGO NORTH, ND
Most Recent Revision:	1993
Northeast Map:	46096-H6 DILWORTH, MN
Most Recent Revision:	1976
East Map:	46096-G6 SABIN, MN
Most Recent Revision:	1976

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2005, 2006
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

MN PLP..... Permanent List of Priorities

EXECUTIVE SUMMARY

State- and tribal - equivalent CERCLIS

MN SHWS Superfund Site Information Listing
ND SHWS This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State and tribal landfill and/or solid waste disposal site lists

MN SWF/LF Permitted Solid Waste Disposal Facilities
ND SWF/LF Solid Waste Landfills/Special Use Landfills
MN LCP Closed Landfills Priority List
MN UNPERM LF Unpermitted Facilities

State and tribal leaking storage tank lists

ND LUST Leaking Underground Storage Tank List
MN LAST Leaking Aboveground Storage Tanks
INDIAN LUST Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

ND UST Underground Storage Tank Data
ND AST Aboveground Storage Tank Listing
INDIAN UST Underground Storage Tanks on Indian Land
FEMA UST Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

MN INST CONTROL Site Remediation Section Database

State and tribal voluntary cleanup sites

INDIAN VCP Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

MN BROWNFIELDS Petroleum Brownfields Program Sites
ND BROWNFIELDS List of Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
ODI Open Dump Inventory
INDIAN ODI Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL Clandestine Drug Labs

EXECUTIVE SUMMARY

MN DEL PLP	Delisted Permanent List of Priorities
MN CDL	Clandestine Drug Labs
ND CDL	Clandestine Drug Lab Location Listing
US HIST CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information
LUCIS	Land Use Control Information System
MN LIENS	Environmental Liens

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
MN AGSPILLS	Department of Agriculture Spills

Other Ascertainable Records

RCRA-NonGen	RCRA - Non Generators
DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
MN BULK	Bulk Facilities Database
MN DRYCLEANERS	Registered Drycleaning Facilities
ND DRYCLEANERS	Drycleaner Facility Listing
MN ENF	Generators Associated with Enforcement Logs
MN HWS Permit	Active TSD Facilities
MN AIRS	Permit Contact List
ND AIRS	Permitted Airs Facility Listing
MN TIER 2	Tier 2 Facility Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
MN MDA LIS	Licensing Information System Database Listing
MN COAL ASH	Coal Ash Disposal Site Listing
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH DOE	Sleam-Electric Plan Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants
-------------------------------	---

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

MN LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Minnesota Pollution Control Agency's Leak Sites list.

A review of the MN LUST list, as provided by EDR, and dated 02/01/2010 has revealed that there are 11 MN LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER HURLBUT RESIDENCE Complete Site Closed Date: 11/16/2001 00:00:00	508 9TH ST S	NW 1/8 - 1/4 (0.218 mi.)	1	7
MILLER, NORMAN AND ASSOCIATES Complete Site Closed Date: 06/18/1996 00:00:00	403 S 8TH ST	NW 1/4 - 1/2 (0.338 mi.)	2	8
<i>EDISON ELEMENTARY SCHOOL</i> Complete Site Closed Date: 09/17/1993 00:00:00 Complete Site Closed Date: 06/05/2007 00:00:00	<i>1110 14TH ST S</i>	<i>SE 1/4 - 1/2 (0.384 mi.)</i>	<i>4</i>	<i>14</i>
<i>MOORHEAD STATE UNIVERSITY</i> Complete Site Closed Date: 08/04/2000 00:00:00	<i>703 8TH AVE & 17TH ST S</i>	<i>E 1/4 - 1/2 (0.451 mi.)</i>	<i>A5</i>	<i>21</i>
MOORHEAD STATE UNIVERSITY Complete Site Closed Date: 03/02/1995 00:00:00 Complete Site Closed Date: 03/02/1995 00:00:00	17TH ST / 7TH AVE W	E 1/4 - 1/2 (0.458 mi.)	A6	40
<i>STAMART STATION STORE</i> Complete Site Closed Date: 01/28/2009 00:00:00	<i>1205 MAIN AVE</i>	<i>N 1/4 - 1/2 (0.462 mi.)</i>	<i>7</i>	<i>43</i>
KNITTY GRITTY CAFE Complete Site Closed Date: 01/16/2009 00:00:00	924 MAIN STREET	NNW 1/4 - 1/2 (0.483 mi.)	B8	52
<i>GAS STOP</i> <i>KAR-DU INC</i> Complete Site Closed Date: 02/06/1992 00:00:00	<i>903 MAIN</i> <i>1313 MAIN AVE</i>	<i>NNW 1/4 - 1/2 (0.485 mi.)</i> <i>NNE 1/4 - 1/2 (0.485 mi.)</i>	<i>C10</i> <i>11</i>	<i>86</i> <i>146</i>
FURNITURE STORE Complete Site Closed Date: 09/05/2006 00:00:00	900 MAIN AVE	NNW 1/4 - 1/2 (0.486 mi.)	C12	153
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CONCORDIA COLLEGE - RENTAL UNI</i> Complete Site Closed Date: 12/23/1996 00:00:00	<i>709 S 6TH ST</i>	<i>W 1/4 - 1/2 (0.384 mi.)</i>	<i>3</i>	<i>10</i>

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

MN VIC: This is the Minnesota Pollution Control Agency's Voluntary Investigation and Cleanup Program list.

A review of the MN VIC list, as provided by EDR, and dated 03/09/2010 has revealed that there are 2 MN VIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KNITTY GRITTY CAFE	924 MAIN STREET	NNW 1/4 - 1/2 (0.483 mi.)	B9	53
GAS STOP	903 MAIN	NNW 1/4 - 1/2 (0.485 mi.)	C10	86

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

MN SRS: The database contains site information for sites monitored by the Site Remediation Section.

A review of the MN SRS list, as provided by EDR, and dated 03/09/2010 has revealed that there are 2 MN SRS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KNITTY GRITTY CAFE	924 MAIN STREET	NNW 1/4 - 1/2 (0.483 mi.)	B9	53
GAS STOP	903 MAIN	NNW 1/4 - 1/2 (0.485 mi.)	C10	86

Other Ascertainable Records

MN LS: The List of Sites includes: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Planned (NFRAP), National Priorities List (NPL), Permanent List of Priorities (PLP), Sites delisted from the Permanent List of Priorities (DPLP), Hazardous Waste Permit Unit Project Facilities (HW PERM), List of Permitted Solid Waste Facilities (SW PERM), 1980 Metropolitan Area Waste Disposal Site Inventory, 1980 Statewide Outstate Dump Inventory (ODI), Voluntary and Investigation Program (VIC), and Closed Landfill Sites Undergoing Cleanup (LCP). The List of Sites comes from Minnesota Pollution Control

A review of the MN LS list, as provided by EDR, and dated 04/22/2009 has revealed that there are 2 MN LS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KNITTY GRITTY CAFE	924 MAIN STREET	NNW 1/4 - 1/2 (0.483 mi.)	B9	53
GAS STOP	903 MAIN	NNW 1/4 - 1/2 (0.485 mi.)	C10	86

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

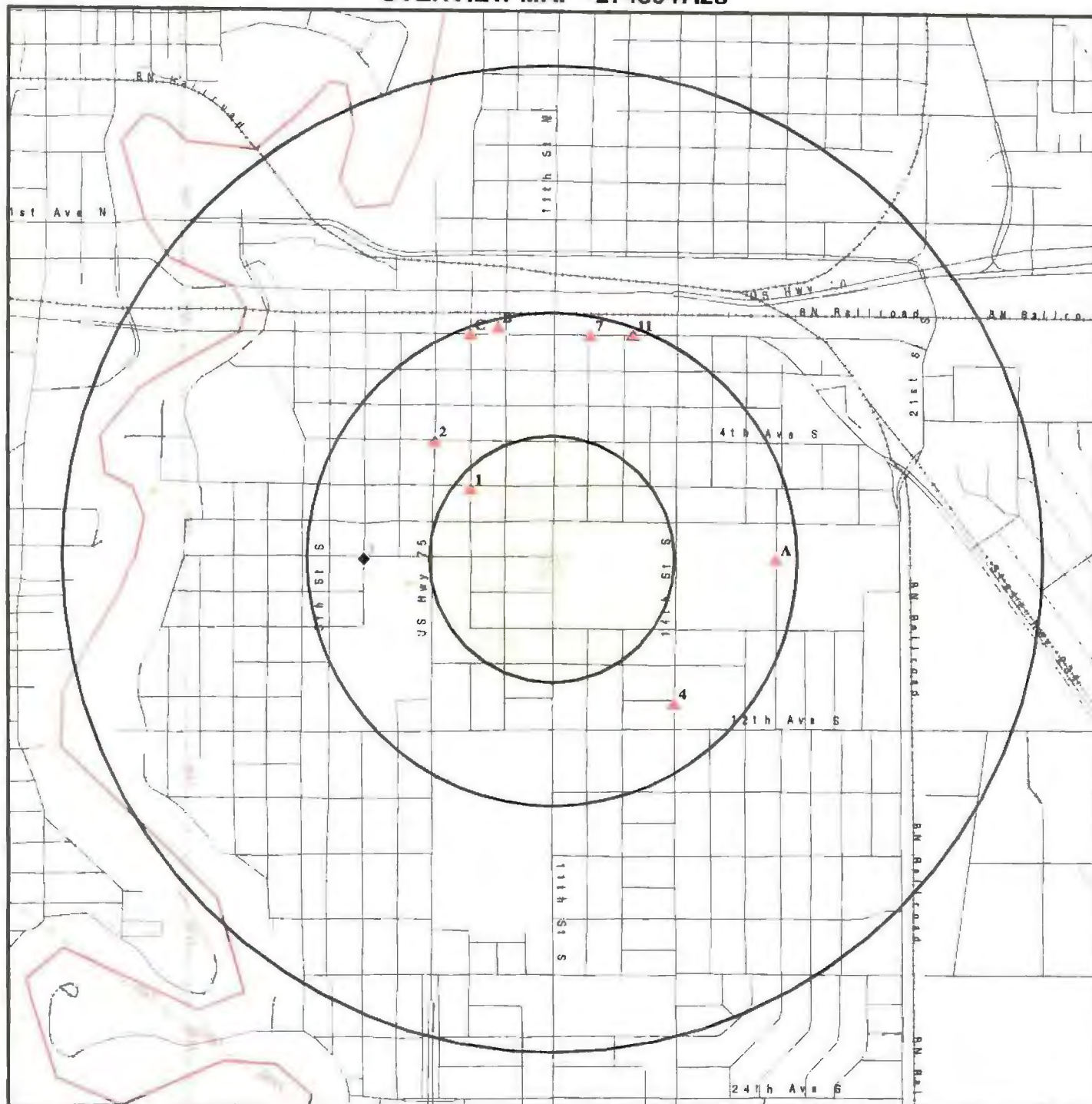
Site Name	Database(s)
15TH AVE E	CERC-NFRAP
AMOCO FOOD SHOP	MN LUST
CLAY COUNTY COURTHOUSE & LAW	MN LUST
CAMRUD FOSS CONCRETE	MN LUST
SAMS CLUB #8172	ND UST
RED RIVER TRAILS	MN UST
HWY 75 N	RCRA-NonGen, FINDS, MN UST
BRADYS SERVICE CENTER INC	MN UST
BRADY SERVICE CENTER INC	MN UST
2727 HWY 10 E	RCRA-NonGen, FINDS, WI MANIFEST
2525 HWY 10 E	RCRA-NonGen, FINDS
SIMPLOT J R	RCRA-NonGen
1217 HWY 231 S	RCRA-NonGen, FINDS
MOORHEAD CITY OF - 9TH ST	RCRA-NonGen
HWY 75 S	RCRA-NonGen, FINDS
HWY 75 S	RCRA-NonGen
2420 8TH ST	RCRA-NonGen, FINDS
5001 HWY 81 N	RCRA-CESQG, FINDS, WI MANIFEST
MACY'S NORTH - FARGO	RCRA-CESQG
3301 HWY 10 E	RCRA-CESQG, FINDS
2809 HWY 10 E	RCRA-CESQG, FINDS
3220 S 8TH ST	RCRA-CESQG, FINDS
GATEWAY SERVICE CENTER	FINDS
MSUM STUDENT WELLNESS CENTER - CSW	FINDS
AMERICAN CRYSTAL SUGAR - SURF IMP	MN LS
HOLLANDS DRY CLEANERS	MN LS
MN STATE HIGHER EDUCATION CENTER	MN SPILLS
BRADY'S SERVICE CENTER INC	MN AIRS

-
- A horizontal scale bar with markings at 0, 1/4, 1/2, and 1 Miles.

SITE NAME: Newman Center MSU
ADDRESS: 707 11th Street South
Moorhead MN 56560
LAT/LONG: 46.8672 / 96.7628

CLIENT: Legend Technical Services
CONTACT: Mark Waltz
INQUIRY #: 2748047.2s
DATE: April 16, 2010 6:01 pm

OVERVIEW MAP - 2748047.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Newman Center MSU
ADDRESS: 707 11th Street South
 Moorhead MN 56560
LAT/LONG: 46.8672 / 96.7628

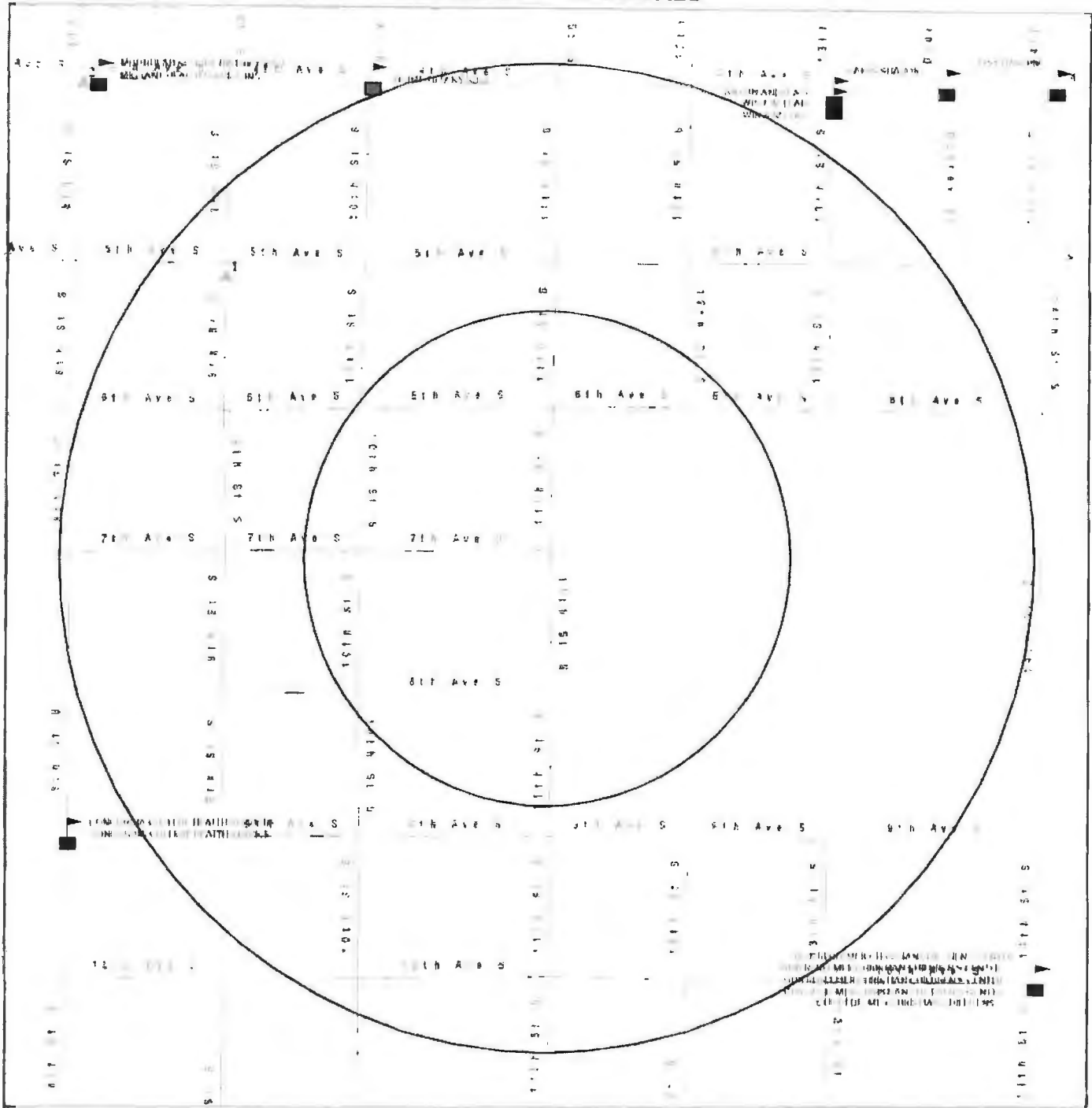
CLIENT: Legend Technical Services
CONTACT: Mark Waltz
INQUIRY #: 2748047.2s
DATE: April 16, 2010 6:01 pm

0	1/16	1/8	1/4 Miles
---	------	-----	-----------

- ☐ 100-year flood zone
☐ 500-year flood zone

CLIENT: Legend Technical Services
CONTACT: Mark Waltz
INQUIRY #: 2748047.2s
DATE: April 16, 2010 6:01 pm

DETAIL MAP - 2748047.2s



Target Property

Sites at elevations higher than or equal to the target property

- Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

100-year flood zone

500-year flood zone

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Newman Center MSU
ADDRESS: 707 11th Street South
Moorhead MN 56560
LAT/LONG: 46.8672 / 96.7628

CLIENT: Legend Technical Services
CONTACT: Mark Waltz
INQUIRY #: 2748047.2s
DATE: April 16, 2010 6:01 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
MN PLP		1.000	0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
MN SHWS		1.000	0	0	0	0	NR	0
ND SHWS		1.000	0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
MN SWF/LF		0.500	0	0	0	NR	NR	0
ND SWF/LF		0.500	0	0	0	NR	NR	0
MN LCP		0.500	0	0	0	NR	NR	0
MN UNPERM LF		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal leaking storage tank lists								
MN LUST		0.500	0	1	10	NR	NR	11
ND LUST		0.500	0	0	0	NR	NR	0
MN LAST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
MN UST		0.250	0	0	NR	NR	NR	0
ND UST		0.250	0	0	NR	NR	NR	0
MN AST		0.250	0	0	NR	NR	NR	0
ND AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
MN INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
MN VIC		0.500	0	0	2	NR	NR	2
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
MN BROWNFIELDS		0.500	0	0	0	NR	NR	0
ND BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
MN SRS		0.500	0	0	2	NR	NR	2
MN DEL PLP		1.000	0	0	0	0	NR	0
MN CDL		TP	NR	NR	NR	NR	NR	0
ND CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MN LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
MN SPILLS	TP		NR	NR	NR	NR	NR	0
MN AGSPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
MN LS		0.500	0	0	2	NR	NR	2
MN BULK		0.250	0	0	NR	NR	NR	0
MN DRYCLEANERS		0.250	0	0	NR	NR	NR	0
ND DRYCLEANERS		0.250	0	0	NR	NR	NR	0
MN ENF	TP		NR	NR	NR	NR	NR	0
MN HWS Permit		1.000	0	0	0	0	NR	0
MN AIRS	TP		NR	NR	NR	NR	NR	0
ND AIRS	TP		NR	NR	NR	NR	NR	0
MN TIER 2	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
MN MDA LIS		0.250	0	0	NR	NR	NR	0
MN COAL ASH		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000	0	0	0	0	NR	0
-------------------------	-------	---	---	---	---	----	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1 **FORMER HURLBUT RESIDENCE**
NW **508 9TH ST S**
1/8-1/4 **MOORHEAD, MN**
0.218 mi.
1151 ft.

MN LUST **S105120941**
N/A

Relative:
Equal

LUST:

Actual:
906 ft.

Leak ID: 14370
Site ID: 248069
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 231749
Release Discovered Date: 07/20/2001 00:00:00
Leak Reported Date: 07/20/2001 00:00:00
Leak Site: Leak Site - Tank and Petroleum Contamination
File Archive Box: Not reported
File Archive Lot: Not reported
Soil Digout Date: Not reported
Cubic Yards Excavated: Not reported
Conditional Closure Date: Not reported
Complete Site Closure Date: 11/16/2001 00:00:00
Contaminated Soils Remaining: Unknown
Enforcement Action Begin Date: 08/06/2001 00:00:00
Lust Trust Eligible: Yes
Offsite Contamination: Unknown
Reimbursement Awarded: No
Std Letter Response Date: Not reported
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 08/03/2001 11:40:58
TMSP Last Update: 01/31/2008 11:13:40
Staff Id Last Update: SCHILD
Release From AST: No
Release From UST: Yes
Tank Registration Status Code: F
VPIC Application Date: Not reported
VPIC Acres: Not reported
Addr Id: 294529
Township Name: Riverton
Active Flag: Yes
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 08/03/2001 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER HURLBUT RESIDENCE (Continued)

S105120941

Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 231749
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: Not reported
GW Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 08/03/2001 11:40:58
TMSP Last Update: 11/04/2003 12:57:09
Staff Id Last Update: RSUCHAN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported
PWS Well: Not reported
Prot Flag: Not reported
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 231749
Prod Released Sequence Id: 24871
Leak Product: Fuel Oil 1 and 2
Tmsp Added: 11/16/2001 10:29:12
Tmsp Last_updt: 05/04/2002 10:04:58
Staff Id Last Updt: TANKS

2
NW
1/4-1/2
0.338 mi.
1784 ft.

MILLER, NORMAN AND ASSOCIATES
403 S 8TH ST
MOORHEAD, MN

MN LUST S106550210
N/A

Relative:
Equal

LUST:

Leak ID: 9226
Site ID: 227243
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 221766
Release Discovered Date: 04/24/1996 00:00:00
Leak Reported Date: 04/25/1996 00:00:00
Leak Site: Leak Site - Tank and Petroleum Contamination
File Archive Box: 01
File Archive Lot: 98/206
Soil Digout Date: 04/25/1996 00:00:00

Actual:
906 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLER, NORMAN AND ASSOCIATES (Continued)

S106550210

Cubic Yards Excavated: 6
Conditional Closure Date: Not reported
Complete Site Closure Date: 06/18/1996 00:00:00
Contaminated Soils Remaining: S
Enforcement Action Begin Date: 05/03/1996 00:00:00
Lust Trust Eligible: No
Offsite Contamination: Unknown
Reimbursement Awarded: No
Std Letter Response Date: 05/03/1996 00:00:00
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 12/04/1999 14:03:50
TMSP Last Update: 02/25/2004 15:19:52
Staff Id Last Update: DOAKES
Release From AST: No
Release From UST: No
Tank Registration Status Code: U
VPIC Application Date: Not reported
VPIC Acres: Not reported
Addr Id: 205210
Township Name: Riverton
Active Flag: No
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 08/08/1997 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 221766
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: No
GW Cleanup Goal: 0
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLER, NORMAN AND ASSOCIATES (Continued)

S106550210

Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 12/04/1999 14:07:33
TMSP Last Update: 11/04/2003 12:57:08
Staff Id Last Update: RSUCHAN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported
PWS Well: Not reported
Prot Flag: Not reported
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 221766
Prod Released Sequence Id: 323261
Leak Product: Fuel Oil 1 and 2
Tmsp Added: 12/04/1999 14:04:34
Tmsp Last_updt: 05/04/2002 09:31:27
Staff Id Last Updt: TANKS

3
West
1/4-1/2
0.384 mi.
2028 ft.

CONCORDIA COLLEGE - RENTAL UNIT
709 S 6TH ST
MOORHEAD, MN

MN LUST S103910192
MN SPILLS N/A

Relative:
Lower

LUST:

Actual:
902 ft.

Leak ID: 9801
Site ID: 245585
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 222323
Release Discovered Date: 11/08/1996 00:00:00
Leak Reported Date: 11/13/1996 00:00:00
Leak Site: Leak Site - Tank and Petroleum Contamination
File Archive Box: 49
File Archive Lot: 98/223
Soil Digout Date: Not reported
Cubic Yards Excavated: 0
Conditional Closure Date: Not reported
Complete Site Closure Date: 12/23/1996 00:00:00
Contaminated Soils Remaining: Unknown
Enforcement Action Begin Date: 11/19/1996 00:00:00
Lust Trust Eligible: No
Offsite Contamination: Unknown
Reimbursement Awarded: No
Std Letter Response Date: 11/26/1996 00:00:00
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 12/04/1999 14:03:50
TMSP Last Update: 12/10/2009 14:24:44
Staff Id Last Update: THIGGIN
Release From AST: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONCORDIA COLLEGE - RENTAL UNIT (Continued)

S103910192

Release From UST: No
Tank Registration Status Code: U
VPIC Application Date: Not reported
VPIC Acres: Not reported
Addr Id: 269330
Township Name: Riverton
Active Flag: No
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 07/09/1998 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 222323
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: No
GW Cleanup Goal: 0
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 12/04/1999 14:07:34
TMSP Last Update: 11/04/2003 12:57:08
Staff Id Last Update: RSUCHAN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported
PWS Well: Not reported
Prot Flag: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONCORDIA COLLEGE - RENTAL UNIT (Continued)

S103910192

Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 222323
Prod Released Sequence Id: 323540
Leak Product: Fuel Oil 1 and 2
Tmsp Added: 12/04/1999 14:04:35
Tmsp Last Updt: 05/04/2002 09:33:27
Staff Id Last Updt: TANKS

MN SPILL:

Program Id: 182204
Township Name: Not reported
Interest Type: SP
Addr Id: 269330
Interest Phone: Not reported
Preferred Id: 24707
Interest Start Date: 11/15/1996 14:38:14
Interest End Date: Not reported
Active: Not reported
Tmsp Added: 11/15/1996 14:38:14
Tmsp Last Updt: 04/11/2007 08:22:58
Staff Id Last Updt: RSUCHAN
State County Code: 14
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
Spill Closure Code: Refer To Leaks
Sp Rep Code: Refer To Air Quality
Report Taken By Initials: 3234
MPCA Project Manager Initials: 3234
Spill Site Closure Date: 11/13/1996 00:00:00
Sp Rep Desc: RICK STORLIE
Spill Date: 11/07/1996 00:00:00
Spill Reported Date: 11/13/1996 00:00:00
Init Cause Code: Equipment Failure
Init Cause Desc: EQUIPMENT FAILURE
Initial Source Code: 6
Priority Code: 3
Archive Lot: Not reported
Archive Box: Not reported
Rep Phone: Not reported
Rep Name: Not reported
MPCA Involvement: Not reported
Rpt Taken By Duty Officer: Not reported
Spill Cause: Not reported
Product: Not reported
Spill: Not reported
Report: Not reported
Region: Not reported
Project Mngr: Not reported
Quantity: Not reported
Product: Not reported
Respnbl Party: Not reported
Box: Not reported
Closure Date: Not reported
Cause Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONCORDIA COLLEGE - RENTAL UNIT (Continued)

S103910192

Date Reported: Not reported
Location: Not reported
Product: Not reported
Amount Spilled: Not reported
Units: Not reported
Priority: Not reported
Spill Date: Not reported
Spill Date: Not reported
Action Taken: Not reported
Reported By: Not reported
Incident: Not reported
Respnbl Party: Not reported
Spill Cause: Not reported
Action Taken: Not reported
Public Safety Spill ID: Not reported
Site ID: 0
Duty Officer Report No: Not reported
Comments: HAD A LINE BREAK GOING FROM TANK TO FURNACE. CLEANED UP WITH\\n
SORBENTS. ADVISE NEEDED ON FOLLOW UP.

MN SPILL ACTION:

Spill Action Code: 3
Spill Action Person: Not reported
Spill Action Date: Not reported
Tmsp Added: 11/15/1996 14:38:14
Tmsp Last Updt: 05/04/2002 07:16:36
Staff Id Last Updt: TANKS
Spill Action Code: 2
Spill Action Person: Not reported
Spill Action Date: Not reported
Tmsp Added: 11/15/1996 14:38:14
Tmsp Last Updt: 05/04/2002 07:16:36
Staff Id Last Updt: TANKS

MN SPILL AFFECTED DESCRIPTION:

Spill Inc. Affect Code: Home
Tmsp Added: 11/15/1996 14:38:14
Tmsp Last Updt: 05/04/2002 07:16:36
Staff Id Last Updt: TANKS

MN SPILL EMERGENCY:

Emergency Id: Not reported
Emergency Code: Not reported
Spill Action Code: Not reported
Tmsp Added: Not reported
Tmsp Last Updt: Not reported
Staff Id Last Updt: Not reported

MN SPILL PREVENTION:

Spill Prevention Code: Not reported
Spill Prevention Date: Not reported
Comments: Not reported
Tmsp Added: Not reported
Tmsp Last Updt: Not reported
Staff Id Last Updt: Not reported

MN SPILL PRODUCT:

Program ID: 182204
Spill Incident Accuracy Id: 76187
Spill Product Code: Light Fuel Oil and Diesel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONCORDIA COLLEGE - RENTAL UNIT (Continued)

S103910192

Spill Qty Units Code: Gallons
Spill Incident Accuracy Code: Estimated
Spill Released Qty: 100
Tmisp Added: 11/15/1996 14:38:14
Tmisp Last Updt: 05/04/2002 07:16:36
Staff Id Last Updt: TANKS

4 EDISON ELEMENTARY SCHOOL
SE 1110 14TH ST S
1/4-1/2 MOORHEAD, MN 56560
0.384 mi.
2029 ft.

MN LUST U000887093
MN UST N/A

Relative:
Higher

LUST:

Actual:
910 ft.

Leak ID: 16160
Site ID: 218126
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 324415
Release Discovered Date: 07/27/2005 00:00:00
Leak Reported Date: 07/28/2005 00:00:00
Leak Site: Leak Site - Tank and Petroleum Contamination
File Archive Box: Not reported
File Archive Lot: Not reported
Soil Digout Date: Not reported
Cubic Yards Excavated: Not reported
Conditional Closure Date: Not reported
Complete Site Closure Date: 06/05/2007 00:00:00
Contaminated Soils Remaining: Unknown
Enforcement Action Begin Date: 08/10/2005 00:00:00
Lust Trust Eligible: No
Offsite Contamination: Unknown
Reimbursement Awarded: No
Std Letter Response Date: Not reported
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 08/04/2005 15:17:43
TMSP Last Update: 07/14/2008 15:39:34
Staff Id Last Update: ANESS
Release From AST: No
Release From UST: Yes
Tank Registration Status Code: U
VPIC Application Date: Not reported
VPIC Acres: Not reported
Addr Id: 194118
Township Name: Riverton
Active Flag: Yes
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 08/04/2005 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: No
Soil Gas Data Collected Flag: No
Soil Gas Action Level Flag: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EDISON ELEMENTARY SCHOOL (Continued)

U000887093

Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 324415
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: No
GW Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 06/05/2007 09:39:51
TMSP Last Update: 06/05/2007 09:39:51
Staff Id Last Update: LKANIA
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: No
Staff Id Ass: 3301
PWS Well: N
Prot Flag: No
Sens Flag: No

LEAK PRODUCT RELEASED:

MN PCA ID: 324415
Prod Released Sequence Id: 108029
Leak Product: Unknown
Tmsp Added: 06/05/2007 09:42:23
Tmsp Last_updt: 06/05/2007 09:42:23
Staff Id Last Updt: LKANIA

Leak ID: 3142
Site ID: 218126
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 215920
Release Discovered Date: 05/21/1990 00:00:00
Leak Reported Date: 08/23/1990 00:00:00
Leak Site: Leak Site - Tank and Petroleum Contamination
File Archive Box: 30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EDISON ELEMENTARY SCHOOL (Continued)

U000887093

File Archive Lot: 96/307
Soil Digout Date: 01/01/1901 00:00:00
Cubic Yards Excavated: 2680
Conditional Closure Date: Not reported
Complete Site Closure Date: 09/17/1993 00:00:00
Contaminated Soils Remaining: Yes
Enforcement Action Begin Date: 09/17/1990 00:00:00
Lust Trust Eligible: No
Offsite Contamination: No
Reimbursement Awarded: No
Std Letter Response Date: Not reported
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 12/04/1999 14:03:45
TMSP Last Update: 11/29/2007 10:13:02
Staff Id Last Update: ANESS
Release From AST: No
Release From UST: Yes
Tank Registration Status Code: S
VPIC Application Date: Not reported
VPIC Acres: Not reported
Addr Id: 194118
Township Name: Riverton
Active Flag: Yes
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 07/30/1996 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: No
Soil Gas Data Collected Flag: No
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: 215920
Leak Action Approval Date: Not reported
Leak Action Begin Date: 03/31/1992 00:00:00
Leak Action End Date: 09/16/1992 00:00:00
TMSP Added: 12/04/1999 14:05:11
TMSP Last Update: 05/04/2002 09:10:05
Staff Id Last Update: TANKS

LEAK GW INFO:

MN PCA ID: 215920
Dw Supply Contam: Not reported
Free Product Observed: No
Free Product Thickness: Not reported
Ground Water Contam: Yes
GW Cleanup Goal: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EDISON ELEMENTARY SCHOOL (Continued)

U000887093

Gw Exceeds Cleanup Goal: No
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: 3
TMSP Added: 12/04/1999 14:07:28
TMSP Last Update: 03/16/2006 16:01:20
Staff Id Last Update: SLARSEN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: No
Staff Id Ass: Not reported
PWS Well: N
Prot Flag: No
Sens Flag: No

LEAK PRODUCT RELEASED:

MN PCA ID: 215920
Prod Released Sequence Id: 320611
Leak Product: Fuel Oil 1 and 2
Tmsp Added: 12/04/1999 14:04:32
Tmsp Last_updt: 05/04/2002 09:10:05
Staff Id Last Updt: TANKS

UST:

TANK:

MPCA Tank Number: 001
Tank Registration Date: 07/29/1991 00:00:00
Tank Storage Capacity: 10000
Tank Dual Use: N
Tank Status: Active
Tank Stored Product: Fuel Oil
Tank Construction Material: STI-P3
Tank Cathodic Protection: Anode
Piping Cathodic Protection: Anode
Piping Material: Unknown
Second Contain Tank: Unknown
Second Contain Pipe: Not reported
Tank Dispenser: Suction
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Yes
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:11
Date Last Updated: 09/24/2008 13:57:58
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EDISON ELEMENTARY SCHOOL (Continued)

U000887093

TANK ACTION:

MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 321441
Contractor Number: 603
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 07/29/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:07
Date Last Updated: 05/04/2002 07:59:55
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 001
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL
Compartment Cap: 10000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:36
Date Last Updated: 05/04/2002 07:59:55
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 200
Tank Registration Date: 05/28/1986 00:00:00
Tank Storage Capacity: 16500
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Fuel Oil
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: None
Piping Material: Steel/Iron

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EDISON ELEMENTARY SCHOOL (Continued)

U000887093

Second Contain Tank: Steel/Iron
Second Contain Pipe: Not reported
Tank Dispenser: Suction
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Yes
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:25
Date Last Updated: 09/24/2008 13:57:58
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 200
Above Or Underground: Under Ground
Tank Action ID: 244308
Contractor Number: 603
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 07/23/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:07
Date Last Updated: 05/04/2002 07:59:55
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 200
Above Or Underground: Under Ground
Tank Action ID: 278620
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 06/01/1953 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:07
Date Last Updated: 05/04/2002 07:59:55
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 200
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL
Compartment Cap: 16500
Heating: Unknown
Other Desc: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EDISON ELEMENTARY SCHOOL (Continued)

U000887093

Date Added: 10/10/1999 10:57:54
Date Last Updated: 05/04/2002 07:59:55
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TABSITE:

Program Interest Id: 195329
Above Or Underground: Under Ground
Facility Code: 10
Indian Reservation: No
UST Registration Date: 05/28/1986 00:00:00
AST Registration Date: Not reported
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:01
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

LATLONG:

Program Id: Not reported
Latlong ID: Not reported
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Latlong Description: Not reported
TMSP Added: Not reported
Date Last Updated: Not reported
Staff Id Last Updated: Not reported
Coord Source Type: Not reported
Org Name Source: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional MN_UST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

A5 MOORHEAD STATE UNIVERSITY
East 703 8TH AVE & 17TH ST S
1/4-1/2 MOORHEAD, MN 56560
0.451 mi.
2379 ft. Site 1 of 2 in cluster A

MN LUST 1000489635
MN UST N/A
MN AST

Relative: LUST:
Higher
Actual: 907 ft.
Leak ID: 12793
Site ID: 223875
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 225173
Release Discovered Date: 07/15/1999 00:00:00
Leak Reported Date: 07/16/1999 00:00:00
Leak Site: Leak Site - Tank and Petroleum Contamination
File Archive Box: Not reported
File Archive Lot: DL
Soil Digout Date: Not reported
Cubic Yards Excavated: Not reported
Conditional Closure Date: Not reported
Complete Site Closure Date: 08/04/2000 00:00:00
Contaminated Soils Remaining: Unknown
Enforcement Action Begin Date: 07/27/1999 00:00:00
Lust Trust Eligible: Yes
Offsite Contamination: Unknown
Reimbursement Awarded: No
Std Letter Response Date: 08/10/1999 00:00:00
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 12/04/1999 14:03:53
TMSP Last Update: 07/13/2004 08:22:57
Staff Id Last Update: SEWERT
Release From AST: No
Release From UST: No
Tank Registration Status Code: F
VPIC Application Date: Not reported
VPIC Acres: Not reported
Addr Id: 201328
Township Name: Riverton
Active Flag: No
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 11/30/1999 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:
MN PCA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 225173
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: Not reported
GW Cleanup Goal: 0
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Rat: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 12/04/1999 14:07:36
TMSP Last Update: 11/04/2003 12:57:08
Staff Id Last Update: RSUCHAN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported
PWS Well: Not reported
Prot Flag: Not reported
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 225173
Prod Released Sequence Id: 34532
Leak Product: Unknown
Tmsp Added: 03/13/2003 13:17:52
Tmsp Last_updt: 03/13/2003 13:17:52
Staff Id Last Updt: AMUSCH

UST:

TANK:

MPCA Tank Number: 002
Tank Registration Date: 07/30/1999 00:00:00
Tank Storage Capacity: 100
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Used Or Waste Oil
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: None
Piping Cathodic Protection: None
Piping Material: Steel/Iron
Second Contain Tank: Steel/Iron
Second Contain Pipe: Not reported
Tank Dispenser: Gravity
Above/ Under Ground: Under Ground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: No
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:20
Date Last Updated: 09/24/2008 14:05:28
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 851591
Contractor Number: 23
Supervisor Number: 10032
Tank Action: Remove Tank
Action Date: 07/15/1999 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:51
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 843094
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1901 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:13
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 817192
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Piping
Action Date: 01/01/1901 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:53
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

TANK COMPARTMENT:

MPCA Tank Number: 002
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 24
Tank Stored Product Desc: WASTE OIL
Compartment Cap: 100
Heating: No
Other Desc: Not reported
Date Added: 10/10/1999 10:58:46
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 003
Tank Registration Date: 05/24/1990 00:00:00
Tank Storage Capacity: 30000
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Fuel Oil
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: Anode
Piping Material: Steel/Iron
Second Contain Tank: Steel/Iron
Second Contain Pipe: Not reported
Tank Dispenser: Suction
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Yes
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: R & R PETROLEUM
Comments: Not reported
Date Added: 10/10/1999 10:57:13
Date Last Updated: 09/24/2008 14:05:28
Staff Id Who Did The Last Update: RSUCHAN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 851592
Contractor Number: 23
Supervisor Number: 5914
Tank Action: Remove Tank
Action Date: 05/13/1994 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:51
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 843095
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 03/31/1970 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:13
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 003
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL
Compartment Cap: 30000
Heating: Yes
Other Desc: Not reported
Date Added: 10/10/1999 10:58:38
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 003
Number of Dispensers: Not reported
Tank Construction Material Code: 1
Piping Material: 1
Piping Material Desc: STEEL/IRON
Total Tank Capacity Quantity: 30000
Staff Id Who Did The Last Update: TANKS
INSREM Product: Fuel Oil
INSREM Product Description: FUEL OIL
INSREM Action ID: 382161
INSREM Action: Remove Tank And Pipe

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Action Completed Date: Not reported
Date Added: 10/10/1999 11:02:55
Date Last Updated: 05/04/2002 08:25:04

TANK:

MPCA Tank Number: 004
Tank Registration Date: 05/24/1990 00:00:00
Tank Storage Capacity: 30000
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Fuel Oil
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: Anode
Piping Material: Steel/Iron
Second Contain Tank: Steel/Iron
Second Contain Pipe: Not reported
Tank Dispenser: Suction
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Yes
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: R & R PETROLEUM
Comments: Not reported
Date Added: 10/10/1999 10:57:05
Date Last Updated: 09/24/2008 14:05:28
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 004
Above Or Underground: Under Ground
Tank Action ID: 851593
Contractor Number: 23
Supervisor Number: 5914
Tank Action: Remove Tank
Action Date: 05/13/1994 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:51
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 004
Above Or Underground: Under Ground
Tank Action ID: 843096
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 03/31/1970 00:00:00
Action Date Unknown: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:13
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 004
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL
Compartment Cap: 30000
Heating: Yes
Other Desc: Not reported
Date Added: 10/10/1999 10:58:31
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 004
Number of Dispensers: Not reported
Tank Construction Material Code: 1
Piping Material: 1
Piping Material Desc: STEEL/IRON
Total Tank Capacity Quantity: 30000
Staff Id Who Did The Last Update: TANKS
INSREM Product: Fuel Oil
INSREM Product Description: FUEL OIL
INSREM Action ID: 382162
INSREM Action: Remove Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/10/1999 11:02:55
Date Last Updated: 05/04/2002 08:25:04

TANK:

MPCA Tank Number: 005
Tank Registration Date: 05/24/1990 00:00:00
Tank Storage Capacity: 1000
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Gasoline
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: Anode
Piping Material: Steel/Iron
Second Contain Tank: Steel/Iron
Second Contain Pipe: Not reported
Tank Dispenser: Suction
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: No
Haz Waste Generator Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:36
Date Last Updated: 09/24/2008 14:05:28
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 005
Above Or Underground: Under Ground
Tank Action ID: 397275
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Temp Closed Empty Tank
Action Date: 12/11/1998 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:47
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 005
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 1000
Heating: No
Other Desc: Not reported
Date Added: 10/10/1999 10:58:04
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 005
Number of Dispensers: Not reported
Tank Construction Material Code: 1
Piping Material: 1
Piping Material Desc: STEEL/IRON
Total Tank Capacity Quantity: 1000
Staff Id Who Did The Last Update: TANKS
INSREM Product: Gasoline
INSREM Product Description: GASOLINE
INSREM Action ID: 382165
INSREM Action: Remove Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/10/1999 11:02:55
Date Last Updated: 05/04/2002 08:25:04
MPCA Tank Number: 005
Number of Dispensers: Not reported
Tank Construction Material Code: 1
Piping Material: 1
Piping Material Desc: STEEL/IRON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Total Tank Capacity Quantity: 1000
Staff Id Who Did The Last Update: TANKS
INSREM Product: Gasoline
INSREM Product Description: GASOLINE
INSREM Action ID: 382164
INSREM Action: Other
Action Completed Date: Not reported
Date Added: 10/10/1999 11:02:55
Date Last Updated: 05/04/2002 08:25:04

TANK:

MPCA Tank Number: 006
Tank Registration Date: 05/24/1990 00:00:00
Tank Storage Capacity: 560
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Gasoline
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: Anode
Piping Material: Steel/Iron
Second Contain Tank: Steel/Iron
Second Contain Pipe: Not reported
Tank Dispenser: Suction
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: O'DAY EQUIPMENT
Comments: Not reported
Date Added: 10/10/1999 10:56:50
Date Last Updated: 09/24/2008 14:05:28
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 006
Above Or Underground: Under Ground
Tank Action ID: 851594
Contractor Number: 23
Supervisor Number: 5914
Tank Action: Remove Tank
Action Date: 12/05/1994 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:51
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 006
Above Or Underground: Under Ground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Tank Action ID: 843097
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 09/27/1984 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:13
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 006
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 560
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:18
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 006
Number of Dispensers: Not reported
Tank Construction Material Code: 1
Piping Material: 1
Piping Material Desc: STEEL/IRON
Total Tank Capacity Quantity: 560
Staff Id Who Did The Last Update: TANKS
INSREM Product: Gasoline
INSREM Product Description: GASOLINE
INSREM Action ID: 382163
INSREM Action: Remove Tank And Pipe
Action Completed Date: Not reported
Date Added: 10/10/1999 11:02:55
Date Last Updated: 05/04/2002 08:25:04

TABSITE:

Program Interest Id: 202697
Above Or Underground: Both
Facility Code: 10
Indian Reservation: No
UST Registration Date: 05/24/1990 00:00:00
AST Registration Date: 05/24/1990 00:00:00
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:03
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

LATLONG:

Program Id:	Not reported
Latlong ID:	Not reported
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Latlong Description:	Not reported
TMSP Added:	Not reported
Date Last Updated:	Not reported
Staff Id Last Updated:	Not reported
Coord Source Type:	Not reported
Org Name Source:	Not reported

[Click this hyperlink](#) while viewing on your computer to access additional MN_UST: detail in the EDR Site Report.

AST:

TANK:

MPCA Tank Number:	1001
Tank Registration Date:	05/24/1990 00:00:00
Tank Dual Use:	N
Tank Storage Capacity:	20000
Tank Status:	Removed
Tank Stored Product:	Fuel Oil
Tank Construction Material:	Metal
Tank Cathodic Protection:	Not reported
Piping Cathodic Protection:	Not reported
Piping Material:	Other
Second Contain Tank:	Not reported
Second Contain Pipe:	Not reported
Tank Dispenser:	Not reported
Above/Under Ground:	Above Ground
Serial Number:	Not reported
Date Added:	10/10/1999 10:57:46
Date Last Updated:	09/24/2008 14:05:28
AST Base Material:	Unknown Or Other Base
Piping Material Desc:	OTHER
Unregulated Tank Registration Date:	Not reported
Compartmental Tank Flag:	Not reported
Heating Product Flag:	Not reported
Haz Waste Generator Id:	Not reported
Product Replaced Date:	Not reported
Sludge Disposal Facility:	Not reported
Comments:	Not reported
Staff Id Who Did The Last Update:	RSUCHAN
In Compliance:	Not reported
Facility Addr 2:	Not reported

TANK ACTION:

MPCA Tank Number:	1001
Above Or Underground:	Above Ground
Tank Action ID:	844580

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 01/01/1994 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:54
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1001
Above Or Underground: Above Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL 1-2
Compartment Cap: 20000
Heating: Not reported
Other Desc: Not reported
Date Added: 10/10/1999 10:59:05
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 1002
Tank Registration Date: 05/24/1990 00:00:00
Tank Dual Use: N
Tank Storage Capacity: 20000
Tank Status: Removed
Tank Stored Product: Fuel Oil
Tank Construction Material: Metal
Tank Cathodic Protection: Not reported
Piping Cathodic Protection: Not reported
Piping Material: Other
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Dispenser: Not reported
Above/Under Ground: Above Ground
Serial Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Date Added: 10/10/1999 10:57:46
Date Last Updated: 09/24/2008 14:05:28
AST Base Material: Unknown Or Other Base
Piping Material Desc: OTHER
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Not reported
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Not reported
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1002
Above Or Underground: Above Ground
Tank Action ID: 844579
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 01/01/1994 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:54
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1002
Above Or Underground: Above Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL 1-2
Compartment Cap: 20000
Heating: Not reported
Other Desc: Not reported
Date Added: 10/10/1999 10:59:05
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Date Last Updated: Not reported

TANK:

MPCA Tank Number: 1003
Tank Registration Date: 08/08/1997 00:00:00
Tank Dual Use: N
Tank Storage Capacity: 20000
Tank Status: Active
Tank Stored Product: Fuel Oil
Tank Construction Material: Metal
Tank Cathodic Protection: Not reported
Piping Cathodic Protection: Not reported
Piping Material: Other
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Dispenser: Not reported
Above/Under Ground: Above Ground
Serial Number: Not reported
Date Added: 10/10/1999 10:57:46
Date Last Updated: 09/24/2008 14:05:28
AST Base Material: On Supports
Piping Material Desc: OTHER
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Not reported
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1003
Above Or Underground: Above Ground
Tank Action ID: 825914
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1994 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:36
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1003
Above Or Underground: Above Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL 1-2
Compartment Cap: 20000
Heating: Not reported
Other Desc: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Date Added: 10/10/1999 10:59:05
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 1004
Tank Registration Date: 08/08/1997 00:00:00
Tank Dual Use: N
Tank Storage Capacity: 20000
Tank Status: Active
Tank Stored Product: Fuel Oil
Tank Construction Material: Metal
Tank Cathodic Protection: Not reported
Piping Cathodic Protection: Not reported
Piping Material: Other
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Dispenser: Not reported
Above/Under Ground: Above Ground
Serial Number: Not reported
Date Added: 10/10/1999 10:57:46
Date Last Updated: 09/24/2008 14:05:28
AST Base Material: On Supports
Piping Material Desc: OTHER
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Not reported
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1004
Above Or Underground: Above Ground
Tank Action ID: 825913
Contractor Number: Not reported
Supervisor Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Tank Action: Install Tank
Action Date: 01/01/1994 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:29
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1004
Above Or Underground: Above Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: FUEL OIL 1-2
Compartment Cap: 20000
Heating: Not reported
Other Desc: Not reported
Date Added: 10/10/1999 10:59:05
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 1005
Tank Registration Date: 12/18/1998 00:00:00
Tank Dual Use: N
Tank Storage Capacity: 1000
Tank Status: Active
Tank Stored Product: Gasoline
Tank Construction Material: Metal
Tank Cathodic Protection: Not reported
Piping Cathodic Protection: Not reported
Piping Material: Other
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Dispenser: Not reported
Above/Under Ground: Above Ground
Serial Number: Not reported
Date Added: 10/10/1999 10:57:46
Date Last Updated: 09/24/2008 14:05:28

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

AST Base Material: Double Bottom Base
Piping Material Desc: OTHER
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Not reported
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1005
Above Or Underground: Above Ground
Tank Action ID: 825912
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 12/11/1998 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:29
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1005
Above Or Underground: Above Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 1000
Heating: Not reported
Other Desc: Not reported
Date Added: 10/10/1999 10:59:05
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

TANK:

MPCA Tank Number: 1006
Tank Registration Date: 12/03/1999 00:00:00
Tank Dual Use: N
Tank Storage Capacity: 560
Tank Status: Active
Tank Stored Product: Fuel Oil
Tank Construction Material: Metal
Tank Cathodic Protection: Not reported
Piping Cathodic Protection: Not reported
Piping Material: Flexible
Second Contain Tank: Not reported
Second Contain Pipe: Not reported
Tank Dispenser: Not reported
Above/Under Ground: Above Ground
Serial Number: Not reported
Date Added: 12/03/1999 13:23:41
Date Last Updated: 09/24/2008 14:05:28
AST Base Material: On Concrete
Piping Material Desc: Not reported
Unregulated Tank Registration Date: 12/03/1999 00:00:00
Compartmental Tank Flag: Not reported
Heating Product Flag: Not reported
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Facility Addr 2: Not reported

TANK ACTION:

MPCA Tank Number: 1006
Above Or Underground: Above Ground
Tank Action ID: 853657
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1995 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:30:18
Date Last Updated: 05/04/2002 08:25:04
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 1006
Above Or Underground: Above Ground
Compartment Number: 1
Tank Stored Product Code: 13
Tank Stored Product Desc: Fuel Oil 1-2
Compartment Cap: 560
Heating: No
Other Desc: Not reported
Date Added: 12/03/1999 13:23:41
Date Last Updated: 05/04/2002 08:25:04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

1000489635

Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TABSITE:

Program Interest Id: 202697
Above Or Underground: Both
Facility Code: 10
Indian Reservation: No
UST Registration Date: 05/24/1990 00:00:00
AST Registration Date: 05/24/1990 00:00:00
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:03
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

LATLONG:

Program Id: Not reported
Latlong ID: Not reported
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Latlong Description: Not reported
TMSP Added: Not reported
Date Last Updated: Not reported
Staff Id Last Updated: Not reported
Coord Source Type: Not reported
Org Name Source: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional MN AST detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A6 **MOORHEAD STATE UNIVERSITY**
East **17TH ST / 7TH AVE W**
1/4-1/2 **MOORHEAD, MN**
0.458 mi.
2419 ft. **Site 2 of 2 in cluster A**

MN LUST **S106549268**
N/A

Relative:
Higher

Actual:
907 ft.

LUST:

Leak ID: 7022
Site ID: 243714
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 219647
Release Discovered Date: 11/23/1993 00:00:00
Leak Reported Date: 11/24/1993 00:00:00
Leak Site: Leak Site - Tank and Petroleum Contamination
File Archive Box: 09
File Archive Lot: 97/296
Soil Digout Date: 11/24/1993 00:00:00
Cubic Yards Excavated: 25
Conditional Closure Date: Not reported
Complete Site Closure Date: 03/02/1995 00:00:00
Contaminated Soils Remaining: S
Enforcement Action Begin Date: 12/09/1993 00:00:00
Lust Trust Eligible: No
Offsite Contamination: Unknown
Reimbursement Awarded: No
Std Letter Response Date: 12/13/1993 00:00:00
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 12/04/1999 14:03:48
TMSP Last Update: 05/04/2002 09:23:42
Staff Id Last Update: TANKS
Release From AST: No
Release From UST: No
Tank Registration Status Code: U
VPIC Application Date: Not reported
VPIC Acres: Not reported
Addr Id: 266674
Township Name: Riverton
Active Flag: No
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH
Interest Start Date: 06/17/1997 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

S106549268

Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 219647
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: S
GW Cleanup Goal: 0
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Rat: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 12/04/1999 14:07:32
TMSP Last Update: 11/04/2003 12:57:07
Staff Id Last Update: RSUCHAN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported
PWS Well: Not reported
Prot Flag: Not reported
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 219647
Prod Released Sequence Id: 321911
Leak Product: Fuel Oil 4 and 6
Tmsp Added: 12/04/1999 14:04:33
Tmsp Last_updt: 05/04/2002 09:23:42
Staff Id Last Updt: TANKS

Leak ID: 8215
Site ID: 244337
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 220795
Release Discovered Date: 05/16/1994 00:00:00
Leak Reported Date: 05/16/1994 00:00:00
Leak Site: Leak Site: Tank and Petroleum Contamination
File Archive Box: 02
File Archive Lot: 97/296
Soil Digout Date: 05/13/1994 00:00:00
Cubic Yards Excavated: 8
Conditional Closure Date: Not reported
Complete Site Closure Date: 03/02/1995 00:00:00
Contaminated Soils Remaining: Yes
Enforcement Action Begin Date: Not reported
Lust Trust Eligible: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

S106549268

Offsite Contamination: Unknown
Reimbursement Awarded: No
Std Letter Response Date: Not reported
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 12/04/1999 14:03:49
TMSP Last Update: 02/05/2004 12:54:15
Staff Id Last Update: SEWERT
Release From AST: No
Release From UST: No
Tank Registration Status Code: U
VPIC Application Date: Not reported
VPIC Acres: Not reported
Addr Id: 267811
Township Name: Riverton
Active Flag: No
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH
Interest Start Date: 03/11/1997 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 220795
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: No
GW Cleanup Goal: 0
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 12/04/1999 14:07:32
TMSP Last Update: 11/04/2003 12:57:07
Staff Id Last Update: RSUCHAN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOORHEAD STATE UNIVERSITY (Continued)

S106549268

Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported
PWS Well: Not reported
Prot Flag: Not reported
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 220795
Prod Released Sequence Id: 322645
Leak Product: Fuel Oil 4 and 6
Tmsp Added: 12/04/1999 14:04:34
Tmsp Last_updt: 05/04/2002 09:27:56
Staff Id Last Updt: TANKS
MN PCA ID: 220795
Prod Released Sequence Id: 324976
Leak Product: Gasoline, Type Unknown
Tmsp Added: 12/04/1999 14:04:37
Tmsp Last_updt: 05/04/2002 09:27:56
Staff Id Last Updt: TANKS

7
North
1/4-1/2
0.462 mi.
2438 ft.

STAMART STATION STORE
1205 MAIN AVE
MOORHEAD, MN 56560

MN LUST U003907289
MN UST N/A

Relative:
Equal

Actual:
906 ft.

LUST:
Leak ID: 13304
Site ID: 218105
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 226350
Release Discovered Date: 02/14/2000 00:00:00
Leak Reported Date: 02/15/2000 00:00:00
Leak Site: Both Leak and Property Transfer Site
File Archive Box: Not reported
File Archive Lot: Not reported
Soil Digout Date: 11/16/2001 00:00:00
Cubic Yards Excavated: 749
Conditional Closure Date: Not reported
Complete Site Closure Date: 01/28/2009 00:00:00
Contaminated Soils Remaining: Yes
Enforcement Action Begin Date: 02/18/2000 00:00:00
Lust Trust Eligible: Yes
Offsite Contamination: Yes
Reimbursement Awarded: No
Std Letter Response Date: 05/04/2000 00:00:00
Surface Water Impact: No
Utility Project Flag: No
TMSP Added: 02/15/2000 13:47:58
TMSP Last Update: 10/23/2009 10:25:59
Staff Id Last Update: AFURUSE
Release From AST: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAMART STATION STORE (Continued)

U003907289

Release From UST: Yes
Tank Registration Status Code: F
VPIC Application Date: Not reported
VPIC Acres: .25
Addr Id: 194086
Township Name: Riverton
Active Flag: Yes
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 02/15/2000 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Yes
Soil Gas Data Collected Flag: Yes
Soil Gas Action Level Flag: Yes
Sub Slab Sample Collected Flag: Yes
Indoor Air Collected Flag: Yes
Vapor Intrusion Action Flag: No
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: 226350
Leak Action Approval Date: 10/16/2001 00:00:00
Leak Action Begin Date: 11/16/2001 00:00:00
Leak Action End Date: 11/16/2001 00:00:00
TMSP Added: 06/28/2004 11:21:51
TMSP Last Update: 06/28/2004 15:39:37
Staff Id Last Update: PSTOCK
MN PCA ID: 226350
Leak Action Approval Date: 10/16/2001 00:00:00
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
TMSP Added: 06/28/2004 11:22:17
TMSP Last Update: 06/28/2004 11:22:17
Staff Id Last Update: PSTOCK

LEAK GW INFO:

MN PCA ID: 226350
Dw Supply Contam: No
Free Product Observed: Yes
Free Product Thickness: 1.17
Ground Water Contam: Yes
GW Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 02/15/2000 13:47:58
TMSP Last Update: 01/28/2009 13:58:36
Staff Id Last Update: AFURUSE
Mtbe Present Now: No
Mtbe Present Historically: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAMART STATION STORE (Continued)

U003907289

Mtbe High Ug Per Liter Char: 160
Mtbe High Ug Per Liter Numb: 160
Mtbe High Level Date: 07/10/2001 00:00:00
Free Product At Close: No
Staff Id Ass: 3413
PWS Well: N
Prot Flag: No
Sens Flag: No

LEAK PRODUCT RELEASED:

MN PCA ID: 226350
Prod Released Sequence Id: 42832
Leak Product: Gasoline, Type Unknown
Tmsp Added: 02/12/2004 11:30:26
Tmsp Last_updt: 02/12/2004 11:30:26
Staff Id Last Updt: LOLSON

UST:

TANK:

MPCA Tank Number: 001
Tank Registration Date: 04/24/1986 00:00:00
Tank Storage Capacity: 8000
Tank Dual Use: N
Tank Status: **Removed**
Tank Stored Product: Alcohol Blend
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Impressed Current
Piping Cathodic Protection: Impressed Current
Piping Material: Coated Steel
Second Contain Tank: Coated Steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:02
Date Last Updated: 07/16/2009 11:17:15
Staff Id Who Did The Last Update: BOLSON
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 861608
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: Not reported
Action Date Unknown: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAMART STATION STORE (Continued)

U003907289

Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 09/19/2000 15:53:13
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 311666
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 10/01/1977 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 360189
Contractor Number: 606
Supervisor Number: 417
Tank Action: Repair Or Upgrade Tank
Action Date: 05/10/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: O'DAY EQUIP
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 364848
Contractor Number: 606
Supervisor Number: 417
Tank Action: Repair Or Upgrade Piping
Action Date: 05/10/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: O'DAY EQUIP
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:
MPCA Tank Number: 001
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: GASOHOL
Compartment Cap: 8000
Heating: Unknown
Other Desc: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAMART STATION STORE (Continued)

U003907289

Date Added: 10/10/1999 10:58:29
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 001
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: 8000
Staff Id Who Did The Last Update: TANKS
INSREM Product: Gasoline
INSREM Product Description: Not reported
INSREM Action ID: 860128
INSREM Action: Remove Tank
Action Completed Date: Not reported
Date Added: 07/07/2000 08:59:38
Date Last Updated: 05/04/2002 07:59:48

TANK:

MPCA Tank Number: 002
Tank Registration Date: 04/24/1986 00:00:00
Tank Storage Capacity: 12000
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Alcohol Blend
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Impressed Current
Piping Cathodic Protection: Impressed Current
Piping Material: Coated Steel
Second Contain Tank: Coated Steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:10
Date Last Updated: 09/24/2008 13:57:56
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 861609
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Remove Tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAMART STATION STORE (Continued)

U003907289

Action Date: Not reported
Action Date Unknown: Yes
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 09/19/2000 15:54:46
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 318229
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 09/15/1985 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 365173
Contractor Number: 606
Supervisor Number: 417
Tank Action: Repair Or Upgrade Piping
Action Date: 05/10/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: O'DAY EQUIP
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 360716
Contractor Number: 606
Supervisor Number: 417
Tank Action: Repair Or Upgrade Tank
Action Date: 05/10/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: O'DAY EQUIP
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 002
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: GASOHOL
Compartment Cap: 12000

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

STAMART STATION STORE (Continued)

U003907289

Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:36
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 002
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: 12000
Staff Id Who Did The Last Update: TANKS
INSREM Product: Gasoline
INSREM Product Description: Not reported
INSREM Action ID: 857976
INSREM Action: Remove Tank
Action Completed Date: Not reported
Date Added: 04/18/2000 15:24:08
Date Last Updated: 05/04/2002 07:59:48

TANK:

MPCA Tank Number: 003
Tank Registration Date: 04/24/1986 00:00:00
Tank Storage Capacity: 8000
Tank Dual Use: N
Tank Status: **Removed**
Tank Stored Product: Alcohol Blend
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Impressed Current
Piping Cathodic Protection: Impressed Current
Piping Material: Coated Steel
Second Contain Tank: Coated Steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:40
Date Last Updated: 09/24/2008 13:57:56
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 861610
Contractor Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAMART STATION STORE (Continued)

U003907289

Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: Not reported
Action Date Unknown: Yes
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 09/19/2000 15:56:59
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 291815
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 10/01/1977 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 363397
Contractor Number: 606
Supervisor Number: 417
Tank Action: Repair Or Upgrade Piping
Action Date: 05/10/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: O'DAY EQUIP
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 358677
Contractor Number: 606
Supervisor Number: 417
Tank Action: Repair Or Upgrade Tank
Action Date: 05/10/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: O'DAY EQUIP
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 003
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAMART STATION STORE (Continued)

U003907289

Tank Stored Product Desc: GASOHOL
Compartment Cap: 8000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:08
Date Last Updated: 05/04/2002 07:59:48
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: 003
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: 8000
Staff Id Who Did The Last Update: TANKS
INSREM Product: Gasoline
INSREM Product Description: Not reported
INSREM Action ID: 860129
INSREM Action: Remove Tank
Action Completed Date: Not reported
Date Added: 07/07/2000 08:59:56
Date Last Updated: 05/04/2002 07:59:48

TABSITE:

Program Interest Id: 195296
Above Or Underground: Under Ground
Facility Code: 34
Indian Reservation: No
UST Registration Date: 04/24/1986 00:00:00
AST Registration Date: Not reported
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:01
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

LATLONG:

Program Id: Not reported
Latlong ID: Not reported
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Latlong Description: Not reported
TMSP Added: Not reported
Date Last Updated: Not reported
Staff Id Last Updated: Not reported
Coord Source Type: Not reported
Org Name Source: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STAMART STATION STORE (Continued)

U003907289

[Click this hyperlink](#) while viewing on your computer to access additional MN_UST: detail in the EDR Site Report.

B8
NNW
1/4-1/2
0.483 mi.
2552 ft.

KNITTY GRITTY CAFE
924 MAIN STREET
MOORHEAD, MN

MN LUST S108079314
N/A

Site 1 of 2 in cluster B

Relative:
Equal

LUST:

Actual:
906 ft.

Leak ID: 16524
Site ID: 200612
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 385975
Release Discovered Date: Not reported
Leak Reported Date: Not reported
Leak Site: Both Leak and Property Transfer Site
File Archive Box: Not reported
File Archive Lot: Not reported
Soil Digout Date: Not reported
Cubic Yards Excavated: Not reported
Conditional Closure Date: Not reported
Complete Site Closure Date: 01/16/2009 00:00:00
Contaminated Soils Remaining: Unknown
Enforcement Action Begin Date: 08/07/2006 00:00:00
Lust Trust Eligible: No
Offsite Contamination: Unknown
Reimbursement Awarded: No
Std Letter Response Date: Not reported
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 08/03/2006 14:38:43
TMSP Last Update: 01/21/2009 09:36:38
Staff Id Last Update: TFINCH
Release From AST: No
Release From UST: Yes
Tank Registration Status Code: S
VPIC Application Date: Not reported
VPIC Acres: .7
Addr Id: 496207
Township Name: Not reported
Active Flag: Yes
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 08/03/2006 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Yes
Soil Gas Data Collected Flag: Yes
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108079314

Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 385975
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: No
GW Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 01/20/2009 16:28:32
TMSP Last Update: 01/20/2009 16:28:32
Staff Id Last Update: MKOPLIT
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: No
Staff Id Ass: 3369
PWS Well: N
Prot Flag: No
Sens Flag: No

LEAK PRODUCT RELEASED:

MN PCA ID: 385975
Prod Released Sequence Id: 117354
Leak Product: Fuel Oil 1 and 2
Tmsp Added: 11/07/2008 13:56:09
Tmsp Last_updt: 11/07/2008 13:56:09
Staff Id Last Updt: MKOPLIT

B9
NNW
1/4-1/2
0.483 mi.
2552 ft. KNITTY GRITTY CAFE
924 MAIN STREET
MOORHEAD, MN 56561
Site 2 of 2 in cluster B

Relative:
Equal

MN SRS:
Facility ID: VP22120
SEC Address: Not reported
Link Id: 6528
Facility Type: Other
Active: False
Pay Complete: False

Actual:
906 ft.

MN SRS S108544171
MN LS N/A
MN VIC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

MPCA Region:	Detroit Lakes
Size Acres:	0.5
HRS Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Defferal Plot:	False
Emergency:	False
Site Classification:	False
RD/RA:	False
RL/FS:	False
Fund financed:	False
Npl:	False
Plp:	False
District:	North
Program Referred from:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Source damage:	False
Clean up Cost:	Not reported
Indian Reservation:	False
Reserve Name:	Not reported
MPCA Owned Wells at site:	False
Created By:	Pjensen
Date Created:	6/14/2006
Date Last Updated:	10/15/2008
Federal Facility:	False
Primary Funding Source:	Not reported
EPA Id:	Not reported
MPCA Id:	Not reported
Alpha Sort:	Not reported
Legal Dist:	09A
Congressional Dist:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	D3
Utm Scale:	1
Utm Accuracy:	U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Utm East: 213024.84
Utm North: 5198032.99
Utm Zone: 15
Basin Code: 8
Major Watershed: 57
Minor Watershed: Not reported
Public Land Survey Method 2: Not reported
Map Scale For PLS Locational Data 2: Not reported
Township 2: Not reported
Range 2: Not reported
PLS Township Suffix 2: Not reported
Section 2: Not reported
PLS Qtr Section (160 Acres) 2: Not reported
PLS Qtr-Qtr Section (40 Acres) 2: Not reported
PLS Qtr-Qtr Section (10 Acres) 2: Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2: Not reported
Quad 2: Not reported
File Location: Not reported
VIC Application GIS: False

Notes: This project is for a commercial development project in downtown Moorhead that encompasses about one square city block. The site was formerly occupied by a dry cleaning facility and several other commercial facilities that stored and used solvents, inks, hydraulic oil, and heating oil.

Contact Type: Staff PL/PM (Project Leader/Project Manager)s
Company Name: MPCA
Contact Address: 520 Lafayette Road North
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512967297
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: wayne.sarappo@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/10/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3387

Contact Type: Staff TA (Technical Analyst)
Company Name: MPCA
Contact Address: 520 Lafayette Road
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 55155
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512977172
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: candace.sykora@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/11/2008
Misc Contact Info: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Receive Invoice: F
Staff Id Num: 8115

Contact Type: Former Staff Project Leader/Project Manager
Company Name: MPCA
Contact Address: 525 Lake Avenue South
Contact Address 2: Suite 400
Contact City,St,Zip: Duluth, MN 55802
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 2187234958
Contact Phone Ext: Not reported
Contact Fax: 2187234727
Contact E-mail: jonathan.smith@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3407

Contact Type: Former Staff TA
Company Name: MPCA
Contact Address: 525 Lake Avenue South, Suite 400
Contact Address 2: Not reported
Contact City,St,Zip: Duluth, MN 55802
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 2185296269
Contact Phone Ext: Not reported
Contact Fax: 2187234727
Contact E-mail: mark.elliott@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3229

Contact Type: Owner
Company Name: KLM Properties, LLC
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number

EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Contact Type: Voluntary Party
Company Name: Main-8, LLC
Contact Address: 608 2nd Avenue South, Suite 475
Contact Address 2: Not reported
Contact City,St,Zip: Minneapolis, MN 55402
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6123419148
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: T
Staff Id Num: Not reported

Contact Type: Consultant
Company Name: Pinnacle Engineering
Contact Address: 11541 95th Avenue North
Contact Address 2: Not reported
Contact City,St,Zip: Maple Grove, MN 55369
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 7633154501
Contact Phone Ext: Not reported
Contact Fax: 7633154507
Contact E-mail: mhultgren@pineng.com
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contaminant Id: 1,2,4-Trimethylbenzene; (1,3,4-Trimethylbenzene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 200
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,2-Dichloroethylene (cis-
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.22
Date Info Last Updated: 9/21/2006

Contaminant Id: Diesel Range Organics
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Max Residual Contamination:	150000
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,3,5-Trimethylbenzene; (Mesitylene
Contaminated Media:	Soil
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3
Date Info Last Updated:	9/21/2006
Contaminant Id:	Gasoline Range Organics
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	13000
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,3,5-Trimethylbenzene; (Mesitylene
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	47
Date Info Last Updated:	9/21/2006
Contaminant Id:	Diesel Range Organics
Contaminated Media:	Soil
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	1700
Date Info Last Updated:	9/21/2006
Contaminant Id:	Gasoline Range Organics
Contaminated Media:	Soil
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	420
Date Info Last Updated:	9/21/2006
Contaminant Id:	Total Volatile Organic Compounds
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	12500
Date Info Last Updated:	9/21/2006
Contaminant Id:	Not reported
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Date Info Last Updated: 9/21/2006

Contaminant Id: Benzene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 7
Date Info Last Updated: 9/21/2006

Contaminant Id: sec-Butyl Benzene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 290
Date Info Last Updated: 9/21/2006

Contaminant Id: 00-00-0
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,2,4-Trimethylbenzene; (1,3,4-Trimethylbenzene
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 17
Date Info Last Updated: 9/21/2006

Contaminant Id: Naphthalene
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 10
Date Info Last Updated: 9/21/2006

Contaminant Id: Tetrachloroethylene; (Perchloroethylene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 16
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,2-Dichloroethylene (cis-
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 3300
Date Info Last Updated: 9/21/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Contaminant Id: Trichloroethylene; (TCE)
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 38
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,2,3-Trichloropropane
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 9/21/2006

Contaminant Id: n-Propyl benzene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 120
Date Info Last Updated: 9/21/2006

Facid: VP22120
Event: 142
Additional Information: phase II investigation soil and ground water sampling
Start Date: 8/22/2005
End Date: 8/23/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 9/21/2006
Record Number: 25878

Facid: VP22120
Event: 142
Additional Information: phase II investigation soil and ground water sampling
Start Date: 7/18/2005
End Date: 7/19/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 9/21/2006
Record Number: 25877

Facid: VP22120
Event: 142
Additional Information: soil characterization sampling for UST excavations
Start Date: 5/1/2006
End Date: 6/15/2006
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 9/21/2006
Record Number: 25879

Facid: VP22120
Event: 148
Additional Information: Teleconference w/Pinnacle

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Start Date: Not reported
End Date: 10/6/2006
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 11/16/2006
Record Number: 26143

Facid: VP22120
Event: 225
Additional Information: NO ACTIVITY/LOW RISK
Start Date: Not reported
End Date: 3/3/2007
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/3/2007
Record Number: 26635

Facid: VP22120
Event: VIC Program Participation Dates (Start/End)
Additional Information: None Entered
Start Date: 6/14/2006
End Date: 3/3/2007
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 6/23/2006
Record Number: 25398

Facid: VP22120
Event: Phase II Investigation
Additional Information: soil and ground water investigation conducted by Pinnacle
Start Date: 7/1/2005
End Date: 9/30/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 9/21/2006
Record Number: 25880

Facid: VP22120
GW Receipts Prot by Rem Actn: Not reported
Ecological receptors present: False
Type of ecological receptors: Not reported
Acres of contaminated soil: Not reported
Volume of contaminated soil: Not reported
Acres of surface water impacted: Not reported
Acres of wetland impacted: Not reported
Acres of sediment impacted: Not reported
GW Plume Area Acres: Not reported
Cleanup Conducted: False
Acres of Contam Soil remediate: Not reported
Volume of Soil Cleaned: Not reported
Municipal wells contam: Not reported
Dom wells contam: Not reported
People Impct SW intake contam: Not reported
Drums Revolved from site: Not reported
Yr Soil Remediated: Not reported
Acres of Soil w/ Restrict Access: Not reported
Yr IC remedy complete: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	False
Assurance help:	False
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	False
Restrictive Covenant Present:	False
Restrictions:	Not reported
GW Pump and Treat Used at site:	False
Quaternary Perched:	True
Quaternary Water Table:	True
Quaternary Confined:	False
Cretaceous:	False
Plattville:	False
St. peter:	False
Prairie Duchien:	False
Jordan:	False
Ironton/Galesville:	False
Mt Simon Hinckley:	False
Precambrian Undifferentiated:	False
Other/Unknown Aquifer:	False
Date Info Last Updated:	9/21/2006
Inst Control Info Updated:	9/21/2006
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	Petroleum contamination associated with several USTs was found on this approximately 6-acre commercial site during redevelopment activities conducted in 2005 and 2006. Chlorinated solvent contaminants also were identified in soil and ground water at two sample locations, one of which is near a former drycleaning facility. The maganitude and extent of contamination in the soil and ground as not been investigated as of September 2006. No surface water receptors are located on or near the site.
SW Comments:	Not reported

Facility ID:	VP22121
SEC Address:	Not reported
Link Id:	6528
Facility Type:	Other
Active:	True
Pay Complete:	False
MPCA Region:	Detroit Lakes
Size Acres:	0.5
HRS Score:	Not reported
Enforcement Lead Agency:	MPCA
Federal Defferal Plot:	False
Emergency:	False
Site Classification:	False
RD/RA:	False
RL/FS:	False
Fund financed:	False
Npl:	False
Pip:	False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

District:	North
Program Referred from:	Not reported
Program Interest:	VIC
Physical Location:	Not reported
Natural Source damage:	False
Clean up Cost:	Not reported
Indian Reservation:	False
Reserve Name:	Not reported
MPCA Owned Wells at site:	False
Created By:	Pjensen
Date Created:	6/14/2006
Date Last Updated:	3/11/2009
Federal Facility:	False
Primary Funding Source:	Not reported
EPA Id:	Not reported
MPCA Id:	Not reported
Alpha Sort:	Not reported
Legal Dist:	09A
Congressional Dist:	Not reported
Public Land Survey Method:	Not reported
Map Scale For PLS Locational Data:	Not reported
Township 2:	Not reported
Range:	Not reported
PLS Township Suffix:	Not reported
section:	Not reported
PLS Qtr Section (160 Acres):	Not reported
PLS Qtr-Qtr Section (40 Acres):	Not reported
PLS Qtr-Qtr-Qtr Section (10 Acres):	Not reported
PLS Qtr-Qtr-Qtr-Qtr Section (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing UTM Coord Point Data:	Not reported
mpcapgmac:	Not reported
Utm Coord Pt Data Collection Method:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
verifmeth:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	D3
Utm Scale:	1
Utm Accuracy:	U
Utm East:	213024.84
Utm North:	5198032.99
Utm Zone:	15
Basin Code:	8
Major Watershed:	57
Minor Watershed:	Not reported
Public Land Survey Method 2:	Not reported
Map Scale For PLS Locational Data 2:	Not reported
Township 2:	Not reported
Range 2:	Not reported
PLS Township Suffix 2:	Not reported
Section 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

PLS Qtr Section (160 Acres) 2: Not reported
PLS Qtr-Qtr Section (40 Acres) 2: Not reported
PLS Qtr-Qtr Section (10 Acres) 2: Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2: Not reported
Quad 2: Not reported
File Location: Lektiever (St. Paul Office)
VIC Application GIS: False
Notes: This project is for a commercial development project in downtown Moorhead that encompasses about one square city block. The site was formerly occupied by a dry cleaning facility and several other commercial facilities that stored and used solvents, inks, hydraulic oil, and heating oil.

Contact Type: Staff PL/PM (Project Leader/Project Manager)s
Company Name: MPCA
Contact Address: 520 Lafayette Road North
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512967297
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: wayne.sarappo@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/10/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3387

Contact Type: Staff TA (Technical Analyst)
Company Name: MPCA
Contact Address: 525 Lake Avenue South, Suite 400
Contact Address 2: None
Contact City,St,Zip: Duluth, MN 55802
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 2185296269
Contact Phone Ext: Not reported
Contact Fax: 2187234727
Contact E-mail: mark.elliott@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/26/2009
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3229

Contact Type: Former Staff TA
Company Name: MPCA
Contact Address: 520 Lafayette Road
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 55155
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512977172

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: candace.sykora@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/11/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 8115

Contact Type: Consultant
Company Name: Braun Intertec
Contact Address: 526 10th Street North, Suite 300
Contact Address 2: None
Contact City,St,Zip: West Fargo, MN 58078
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 7012328701
Contact Phone Ext: Not reported
Contact Fax: 7012327817
Contact E-mail: bschneider@braunintertec.com
Contact Cell Phone: Not reported
Contact Information Last Updated: 10/13/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Voluntary Party
Company Name: KLM Properties, LLC
Contact Address: 8214 Marsh Creek Road
Contact Address 2: Not reported
Contact City,St,Zip: Woodbury, MN 55124
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6122807548
Contact Phone Ext: Not reported
Contact Fax: 6517389662
Contact E-mail: kperry@semperdev.com
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: T
Staff Id Num: Not reported

Contaminant Id: Tetrachloroethylene; (Perchloroethylene)
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 16
Date Info Last Updated: 9/21/2006

Contaminant Id: Naphthalene
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 10
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,2-Dichloroethylene (cis-
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.22
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,2,4-Trimethylbenzene; (1,3,4-Trimethylbenzene
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 17
Date Info Last Updated: 9/21/2006

Contaminant Id: n-Propyl benzene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 120
Date Info Last Updated: 9/21/2006

Contaminant Id: 00-00-0
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 9/21/2006

Contaminant Id: Gasoline Range Organics
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 13000
Date Info Last Updated: 9/21/2006

Contaminant Id: Not reported
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 9/21/2006

Contaminant Id: Diesel Range Organics
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number

EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Max Residual Contamination:	1700
Date Info Last Updated:	9/21/2006
Contaminant Id:	Gasoline Range Organics
Contaminated Media:	Soil
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	420
Date Info Last Updated:	9/21/2006
Contaminant Id:	Total Volatile Organic Compounds
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	12500
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,2,3-Trichloropropane
Contaminated Media:	Soil
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,2,4-Trimethylbenzene; (1,3,4-Trimethylbenzene
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	200
Date Info Last Updated:	9/21/2006
Contaminant Id:	Diesel Range Organics
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	150000
Date Info Last Updated:	9/21/2006
Contaminant Id:	sec-Butyl Benzene
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	290
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,3,5-Trimethylbenzene; (Mesitylene
Contaminated Media:	Soil
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Date Info Last Updated: 9/21/2006

Contaminant Id: 1,3,5-Trimethylbenzene; (Mesitylene)
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 47
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,2-Dichloroethylene (cis-
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 3300
Date Info Last Updated: 9/21/2006

Contaminant Id: Benzene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 7
Date Info Last Updated: 9/21/2006

Contaminant Id: Trichloroethylene; (TCE)
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 38
Date Info Last Updated: 9/21/2006

Facid: VP22121
Event: VIC Program Participation Dates (Start/End)
Additional Information: VP is Kim Perry
Start Date: 10/13/2008
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 10/13/2008
Record Number: 29508

Facid: VP22121
Event: No Association Determination Issued
Additional Information: Ms. Kim Perry/KLM Properties for Proposed Actions
Start Date: Not reported
End Date: 1/8/2009
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/12/2009
Record Number: 30019

Facid: VP22121
Event: Retroactive No Association Determination Issued
Additional Information: to Ms. Kim Perry/KLM Properties for past actions

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Start Date: Not reported
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/12/2009
Record Number: 30020

Facid. VP22121
GW Receipts Prot by Rem Actn: Not reported
Ecological receptors present: False
Type of ecological receptors: Not reported
Acres of contaminated soil: Not reported
Volume of contaminated soil: Not reported
Acres of surface water impacted: Not reported
Acres of wetland impacted: Not reported
Acres of sediment impacted: Not reported
GW Plume Area Acres: Not reported
Cleanup Conducted: False
Acres of Contam Soil remediate: Not reported
Volume of Soil Cleaned: Not reported
Municipal wells contamd: Not reported
Dom wells contam: Not reported
People Impct SW intake contam: Not reported
Drums Revolved from site: Not reported
Yr Soil Remediated: Not reported
Acres of Soil w/ Restrict Access: Not reported
Yr IC remedy complete: Not reported
Yr GW remedy completed: Not reported
Year GWIC completed: Not reported
Acres of wetland of sediment remediated: Not reported
Public financing: False
Assurance help: False
Land use Classfn At Site: Commercial
Land use Vicinity Of Site: Commercial
Deed notif Present On Site: False
Restrictive Covenant Present: False
Restrictions: Not reported
GW Pump and Treat Used at site: False
Quaternary Perched: True
Quaternary Water Table: True
Quaternary Confined: False
Cretaceous: False
Plattville: False
St. peter: False
Prairie Duchien: False
Jordan: False
Ironton/Galesville: False
Mt Simon Hinckley: False
Precambrian Undifferentiated: False
Other/Unknown Aquifer: False
Date Info Last Updated: 9/21/2006
Inst Control Info Updated: 9/21/2006
Inst Control Filed Location: Not reported
SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: Petroleum contamination associated with several USTs was found on this approximately 6-acre commercial site during redevelopment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

activities conducted in 2005 and 2006. Chlorinated solvent contaminants also were identified in soil and ground water at two sample locations, one of which is near a former drycleaning facility. The magnitude and extent of contamination in the soil and ground has not been investigated as of September 2006. No surface water receptors are located on or near the site.

SW Comments: Not reported

MN LS:

Link ID: 6528
EPA ID: Not reported
MPCA ID: VP22120
Method: A1
CERCLIS: No
National Priorities List: No
PLP: No
Voluntary Cleanup & Investigation: Yes
RCRA Treatment Storage & Disposal: No
RCRA Generator: No
Solid Waste Permit: No
Dumps: No
No Further Remedial Action Planned: No
Delisted From PLP By MPCA: No
LCP: No
Brownfield: No
Entity Type: VIC

MN Voluntary Investigation Cleanup Program:

Facility ID: VP22120
Facility Type: Other
Facility Address 2: Not reported
Core Program Interest Id: 377296
Link Id: 6528
Active: False
Pay Complete: False
MPCA Region: Detroit Lakes
Size Acres: 0.5
HRS Score: Not reported
Enforcement Lead Agency: MPCA
Federal Defferal Plot: False
Emergency: False
Site Classification: False
RD/RA: False
RL/FS: False
Fund financed: False
Npl: False
Plp: False
District: North
Program Referred from: Not reported
Program Interest: VIC
Physical Location: Not reported
Natural Source damage: False
Clean up Cost: Not reported
Indian Reservation: False
Reservation Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

MPCA Owned Wells at site: False
Created By: Pjensen
Date Created: 6/14/2006
Date Last Updated: 10/15/2008
Federal Facility: False
Primary Funding Source: Not reported
EPA Id: Not reported
MPCA Id: Not reported
Alpha Sort: Not reported
Legal Dist: 09A
Congressional Dist: Not reported
Scale Of Map Used Pls Loc Data: Not reported
Township: Not reported
Range: Not reported
Range East West: Not reported
Section: Not reported
Pls Qtr Section (160 Acres): Not reported
Pls Qtr Qtr Section (40 Acres): Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres): Not reported
Pls Qtr-Qtr-Qtr-Qtr Section (2.5 Acres): Not reported
Quad: Not reported
NAD Number: 83
Desc Of UTM Coord Pt: Not reported
UTM Coord Pt Data Source: Not reported
Org Providing The UTM Coord Point Data: Not reported
Method For Loc Public Land Survey: Not reported
Method Of Utm Coord Pt Data Collection: Not reported
Date Of Utm Coord Pt Data Collection: Not reported
COL Date Qual: Not reported
Map Scale: Not reported
Verification Method: Not reported
horizref: Not reported
Utm Source: 2
Utm Method: D3
Utm Scale: 1
Utm Accuracy: U
Utm East: 213024.84
Utm North: 5198032.99
Utm Zone: 15
Basin Code: 8
Major Watershed: 57
Major Watershed: Not reported
Method For Loc Public Land Survey: Not reported
Scale Of Map Used Pls Loc Data: Not reported
Township 2: Not reported
Range 2: Not reported
Range East West: Not reported
Section 2: Not reported
Pls Qtr Section (160 Acres) 2: Not reported
Pls Qtr Qtr Section (40 Acres)2: Not reported
Pls Qtr Qtr Qtr Section (10 Acres)2: Not reported
Pls Qtr Qtr Qtr-Qtr Section (2.5 Acres) 2: Not reported
Quad 2: Not reported
File Location: Not reported
GIS Application GIS: False
Notes: This project is for a commercial development project in downtown Moorhead that encompasses about one square city block. The site was

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

formerly occupied by a dry cleaning facility and several other commercial facilities that stored and used solvents, inks, hydraulic oil, and heating oil.

Contact Type: Staff PL/PM (Project Leader/Project Manager)s
Company Name: MPCA
Contact Address: 520 Lafayette Road North
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512967297
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: wayne.sarappo@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/10/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3387

Contact Type: Staff TA (Technical Analyst)
Company Name: MPCA
Contact Address: 520 Lafayette Road
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 55155
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512977172
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: candace.sykora@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/11/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 8115

Contact Type: Former Staff Project Leader/Project Manager
Company Name: MPCA
Contact Address: 525 Lake Avenue South
Contact Address 2: Suite 400
Contact City,St,Zip: Duluth, MN 55802
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 2187234958
Contact Phone Ext: Not reported
Contact Fax: 2187234727
Contact E-mail: jonathan.smith@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3407

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number

EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Contact Type: Former Staff TA
Company Name: MPCA
Contact Address: 525 Lake Avenue South, Suite 400
Contact Address 2: Not reported
Contact City,St,Zip: Duluth, MN 55802
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 2185296269
Contact Phone Ext: Not reported
Contact Fax: 2187234727
Contact E-mail: mark.elliott@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3229

Contact Type: Owner
Company Name: KLM Properties, LLC
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Voluntary Party
Company Name: Main-8, LLC
Contact Address: 608 2nd Avenue South, Suite 475
Contact Address 2: Not reported
Contact City,St,Zip: Minneapolis, MN 55402
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6123419148
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: T
Staff Id Num: Not reported

Contact Type: Consultant
Company Name: Pinnacle Engineering
Contact Address: 11541 95th Avenue North

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Contact Address 2: Not reported
Contact City,St,Zip: Maple Grove, MN 55369
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 7633154501
Contact Phone Ext: Not reported
Contact Fax: 7633154507
Contact E-mail: mhultgren@pineng.com
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contaminant Id: 1,2,4-Trimethylbenzene; (1,3,4-Trimethylbenzene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 200
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,2-Dichloroethylene (cis-
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.22
Date Info Last Updated: 9/21/2006

Contaminant Id: Diesel Range Organics
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 150000
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,3,5-Trimethylbenzene; (Mesitylene
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 3
Date Info Last Updated: 9/21/2006

Contaminant Id: Gasoline Range Organics
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 13000
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,3,5-Trimethylbenzene; (Mesitylene
Contaminated Media: Ground Water

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number

EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 47
Date Info Last Updated: 9/21/2006

Contaminant Id: Diesel Range Organics
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1700
Date Info Last Updated: 9/21/2006

Contaminant Id: Gasoline Range Organics
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 420
Date Info Last Updated: 9/21/2006

Contaminant Id: Total Volatile Organic Compounds
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 12500
Date Info Last Updated: 9/21/2006

Contaminant Id: Not reported
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 9/21/2006

Contaminant Id: Benzene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 7
Date Info Last Updated: 9/21/2006

Contaminant Id: sec-Butyl Benzene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 290
Date Info Last Updated: 9/21/2006

Contaminant Id: 00-00-0
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,2,4-Trimethylbenzene; (1,3,4-Trimethylbenzene
Contaminated Media:	Soil
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	17
Date Info Last Updated:	9/21/2006
Contaminant Id:	Naphthalene
Contaminated Media:	Soil
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	10
Date Info Last Updated:	9/21/2006
Contaminant Id:	Tetrachloroethylene; (Perchloroethylene
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	16
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,2-Dichloroethylene (cis-
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3300
Date Info Last Updated:	9/21/2006
Contaminant Id:	Trichloroethylene; (TCE
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	38
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,2,3-Trichloropropane
Contaminated Media:	Soil
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	9/21/2006
Contaminant Id:	n-Propyl benzene
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 120
Date Info Last Updated: 9/21/2006

Facid: VP22120
Event: 142
Additional Information: phase II investigation soil and ground water sampling
Start Date: 8/22/2005
End Date: 8/23/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 9/21/2006
Record Number: 25878

Facid: VP22120
Event: 142
Additional Information: phase II investigation soil and ground water sampling
Start Date: 7/18/2005
End Date: 7/19/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 9/21/2006
Record Number: 25877

Facid: VP22120
Event: 142
Additional Information: soil characterization sampling for UST excavations
Start Date: 5/1/2006
End Date: 6/15/2006
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 9/21/2006
Record Number: 25879

Facid: VP22120
Event: 148
Additional Information: Teleconference w/Pinnacle
Start Date: Not reported
End Date: 10/6/2006
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 11/16/2006
Record Number: 26143

Facid: VP22120
Event: 225
Additional Information: NO ACTIVITY/LOW RISK
Start Date: Not reported
End Date: 3/3/2007
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/3/2007
Record Number: 26635

Facid: VP22120
Event: VIC Program Participation Dates (Start/End)
Additional Information: None Entered

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Start Date:	6/14/2006
End Date:	3/3/2007
Planned Start Date:	Not reported
Planned End Date:	Not reported
Date Info Last Updated:	6/23/2006
Record Number:	25398
Facid:	VP22120
Event:	Phase II Investigation
Additional Information:	soil and ground water investigaiton conducted by Pinnacle
Start Date:	7/1/2005
End Date:	9/30/2005
Planned Start Date:	Not reported
Planned End Date:	Not reported
Date Info Last Updated:	9/21/2006
Record Number:	25880
Facid:	VP22120
GW Receipts Prot by Rem Actn:	Not reported
Ecological receptors present:	False
Type of ecological receptors:	Not reported
Acres of contaminated soil:	Not reported
Volume of contaminated soil:	Not reported
Acres of surface water impacted:	Not reported
Acres of wetland impacted:	Not reported
Acres of sediment impacted:	Not reported
GW Plume Area Acres:	Not reported
Cleanup Conducted:	False
Acres of Contam Soil remediate:	Not reported
Volume of Soil Cleaned:	Not reported
# Municipal wells contamd:	Not reported
# Dom wells contam:	Not reported
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	False
Assurance help:	False
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Commercial
Deed notif Present On Site:	False
Restrictive Covenant Present:	False
Restrictions:	Not reported
GW Pump and Treat Used at site:	False
Quaternary Perched:	True
Quaternary Water Table:	True
Quaternary Confined:	False
Cretaceous:	False
Plattville:	False
St. peter:	False
Prairie Duchien:	False
Jordan:	False
Ironton/Galesville:	False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Mt Simon Hinckley: False
Precambrian Undifferentiated: False
Other/Unknown Aquifer: False
Date Info Last Updated: 9/21/2006
Inst Control Info Updated: 9/21/2006
Inst Control Filed Location: Not reported
SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: Petroleum contamination associated with several USTs was found on this approximately 6-acre commercial site during redevelopment activities conducted in 2005 and 2006. Chlorinated solvent contaminants also were identified in soil and ground water at two sample locations, one of which is near a former drycleaning facility. The magnitude and extent of contamination in the soil and ground as not been investigated as of September 2006. No surface water receptors are located on or near the site
SW Comments: Not reported

Facility ID: VP22121
Facility Type: Other
Facility Address 2: Not reported
Core Program Interest Id: 55084079
Link Id: 6528
Active: True
Pay Complete: False
MPCA Region: Detroit Lakes
Size Acres: 0.5
HRS Score: Not reported
Enforcement Lead Agency: MPCA
Federal Deferal Plot: False
Emergency: False
Site Classification: False
RD/RA: False
RL/FS: False
Fund financed: False
Npl: False
Plp: False
District: North
Program Referred from: Not reported
Program Interest: VIC
Physical Location: Not reported
Natural Source damage: False
Clean up Cost: Not reported
Indian Reservation: False
Reservation Name: Not reported
MPCA Owned Wells at site: False
Created By: Pjensen
Date Created: 6/14/2006
Date Last Updated: 3/11/2009
Federal Facility: False
Primary Funding Source: Not reported
EPA Id: Not reported
MPCA Id: Not reported
Alpha Sort: Not reported
Legal Dist: 09A
Congressional Dist: Not reported

Map ID		MAP FINDINGS			
Direction					EDR ID Number
Distance					EPA ID Number
Elevation	Site		Database(s)		

KNITTY GRITTY CAFE (Continued)

S108544171

Scale Of Map Used Pls Loc Data:	Not reported
Township:	Not reported
Range:	Not reported
Range East West:	Not reported
Section:	Not reported
Pls Qtr Section (160 Acres):	Not reported
Pls Qtr Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Section (2.5 Acres):	Not reported
Quad:	Not reported
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing The UTM Coord Point Data:	Not reported
Method For Loc Public Land Survey:	Not reported
Method Of Utm Coord Pt Data Collection:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
Verification Method:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	D3
Utm Scale:	I
Utm Accuracy:	U
Utm East:	213024 84
Utm North:	5198032 99
Utm Zone:	15
Basin Code:	8
Major Watershed:	57
Major Watershed:	Not reported
Method For Loc Public Land Survey:	Not reported
Scale Of Map Used Pls Loc Data:	Not reported
Township 2:	Not reported
Range 2:	Not reported
Range East West:	Not reported
Section 2:	Not reported
Pls Qtr Section (160 Acres) 2:	Not reported
Pls Qtr Qtr Section (40 Acres)2:	Not reported
Pls Qtr Qtr Qtr Section (10 Acres)2:	Not reported
Pls Qtr Qtr Qtr Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Lektriever (St. Paul Office)
GIS Application GIS:	False
Notes:	This project is for a commercial development project in downtown Moorhead that encompasses about one square city block. The site was formerly occupied by a dry cleaning facility and several other commercial facilities that stored and used solvents, inks, hydraulic oil, and heating oil.
Contact Type:	Staff PL/PM (Project Leader/Project Manager)s
Company Name:	MPCA
Contact Address:	520 Lafayette Road North
Contact Address 2:	Not reported
Contact City,St,Zip:	St. Paul, MN 551554194
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Contact Phone: 6512967297
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: wayne.sarappo@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/10/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3387

Contact Type: Staff TA (Technical Analyst)
Company Name: MPCA
Contact Address: 525 Lake Avenue South, Suite 400
Contact Address 2: None
Contact City,St,Zip: Duluth, MN 55802
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 2185296269
Contact Phone Ext: Not reported
Contact Fax: 2187234727
Contact E-mail: mark.elliott@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/26/2009
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3229

Contact Type: Former Staff TA
Company Name: MPCA
Contact Address: 520 Lafayette Road
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 55155
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512977172
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: candace.sykora@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/11/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 8115

Contact Type: Consultant
Company Name: Braun Intertec
Contact Address: 526 10th Street North, Suite 300
Contact Address 2: None
Contact City,St,Zip: West Fargo, MN 58078
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 7012328701
Contact Phone Ext: Not reported
Contact Fax: 7012327817

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Contact E-mail: bschneider@braunintertec.com
Contact Cell Phone: Not reported
Contact Information Last Updated: 10/13/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Voluntary Party
Company Name: KLM Properties, LLC
Contact Address: 8214 Marsh Creek Road
Contact Address 2: Not reported
Contact City,St,Zip: Woodbury, MN 55124
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6122807548
Contact Phone Ext: Not reported
Contact Fax: 6517389662
Contact E-mail: kperry@semperdev.com
Contact Cell Phone: Not reported
Contact Information Last Updated: 6/23/2006
Misc Contact Info: Not reported
Receive Invoice: T
Staff Id Num: Not reported

Contaminant Id: Tetrachloroethylene; (Perchloroethylene)
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 16
Date Info Last Updated: 9/21/2006

Contaminant Id: Naphthalene
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 10
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,2-Dichloroethylene (cis-
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 0.22
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,2,4-Trimethylbenzene; (1,3,4-Trimethylbenzene)
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 17
Date Info Last Updated: 9/21/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Contaminant Id: n-Propyl benzene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 120
Date Info Last Updated: 9/21/2006

Contaminant Id: 00-00-0
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 9/21/2006

Contaminant Id: Gasoline Range Organics
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 13000
Date Info Last Updated: 9/21/2006

Contaminant Id: Not reported
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: Not reported
Date Info Last Updated: 9/21/2006

Contaminant Id: Diesel Range Organics
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 1700
Date Info Last Updated: 9/21/2006

Contaminant Id: Gasoline Range Organics
Contaminated Media: Soil
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: mg/Kg
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 420
Date Info Last Updated: 9/21/2006

Contaminant Id: Total Volatile Organic Compounds
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 12500
Date Info Last Updated: 9/21/2006

Contaminant Id: 1,2,3-Trichloropropane

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Contaminated Media:	Soil
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	Not reported
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	Not reported
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,2,4-Trimethylbenzene; (1,3,4-Trimethylbenzene
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	200
Date Info Last Updated:	9/21/2006
Contaminant Id:	Diesel Range Organics
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	150000
Date Info Last Updated:	9/21/2006
Contaminant Id:	sec-Butyl Benzene
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	290
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,3,5-Trimethylbenzene; (Mesitylene
Contaminated Media:	Soil
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	mg/Kg
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,3,5-Trimethylbenzene; (Mesitylene
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	47
Date Info Last Updated:	9/21/2006
Contaminant Id:	1,2-Dichloroethylene (cis-
Contaminated Media:	Ground Water
Req Cleanup Concluded:	Not reported
Cleanup Lvl Measure Units:	ug/L
Basis For Req Cleanup Lvl:	Not reported
Max Residual Contamination:	3300
Date Info Last Updated:	9/21/2006
Contaminant Id:	Benzene
Contaminated Media:	Ground Water

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 7
Date Info Last Updated: 9/21/2006

Contaminant Id: Trichloroethylene; (TCE
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Not reported
Max Residual Contamination: 38
Date Info Last Updated: 9/21/2006

Facid: VP22121
Event: VIC Program Participation Dates (Start/End)
Additional Information: VP is Kim Perry
Start Date: 10/13/2008
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 10/13/2008
Record Number: 29508

Facid: VP22121
Event: No Association Determination Issued
Additional Information: Ms Kim Perry/KLM Properties for Proposed Actions
Start Date: Not reported
End Date: 1/8/2009
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/12/2009
Record Number: 30019

Facid: VP22121
Event: Retroactive No Association Determination Issued
Additional Information: to Ms. Kim Perry/KLM Properties for past actions
Start Date: Not reported
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/12/2009
Record Number: 30020

Facid: VP22121
GW Receipts Prot by Rem Actn: Not reported
Ecological receptors present: False
Type of ecological receptors: Not reported
Acres of contaminated soil: Not reported
Volume of contaminated soil: Not reported
Acres of surface water impacted: Not reported
Acres of wetland impacted: Not reported
Acres of sediment impacted: Not reported
GW Plume Area Acres: Not reported
Cleanup Conducted: False
Acres of Contam Soil remediate: Not reported
Volume of Soil Cleaned: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KNITTY GRITTY CAFE (Continued)

S108544171

Municipal wells contamd: Not reported
Dom wells contam: Not reported
People Impct SW intake contam: Not reported
Drums Revolved from site: Not reported
Yr Soil Remediated: Not reported
Acres of Soil w/ Restrict Access: Not reported
Yr IC remedy complete: Not reported
Yr GW remedy completed: Not reported
Year GWIC completed: Not reported
Acres of wetland of sediment remediated: Not reported
Public financing: False
Assurance help: False
Land use Classfn At Site: Commercial
Land use Vicinity Of Site: Commercial
Deed notif Present On Site: False
Restrictive Covenant Present: False
Restrictions: Not reported
GW Pump and Treat Used at site: False
Quaternary Perched: True
Quaternary Water Table: True
Quaternary Confined: False
Cretaceous: False
Plattville: False
St. peter: False
Prairie Duchien: False
Jordan: False
Ironton/Galesville: False
Mt Simon Hinckley: False
Precambrian Undifferentiated: False
Other/Unknown Aquifer: False
Date Info Last Updated: 9/21/2006
Inst Control Info Updated: 9/21/2006
Inst Control Filed Location: Not reported
SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: Petroleum contamination associated with several USTs was found on this approximately 6-acre commercial site during redevelopment activities conducted in 2005 and 2006. Chlorinated solvent contaminants also were identified in soil and ground water at two sample locations, one of which is near a former drycleaning facility. The maganitude and extent of contamination in the soil and ground as not been investigated as of September 2006. No surface water receptors are located on or near the site.
SW Comments: Not reported

C10
NNW
1/4-1/2
0.485 mi.
2561 ft.
GAS STOP
903 MAIN
MOORHEAD, MN 56560
Site 1 of 2 in cluster C

Relative:
Equal

Actual:
906 ft.

MN SRS:
Facility ID: VP9830
SEC Address: Not reported
Link Id: 4917
Facility Type: Dry Cleaner

MN SRS U000280318
MN LS N/A
MN LUST
MN UST
MN SPILLS
MN VIC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Active: True
Pay Complete: False
MPCA Region: Detroit Lakes
Size Acres: 0.5
HRS Score: 0
Enforcement Lead Agency: Not reported
Federal Defferal Plot: False
Emergency: False
Site Classification: False
RD/RA: False
RL/FS: False
Fund financed: False
Npl: False
Plp: False
District: North
Program Referred from: Tanks & Spills
Program Interest: VIC
Physical Location: Approx. 1/2 acre lot located at 903 Main Av at the southeast quadrant of Main Av and 9th street intersection in Moorehead, MN
Natural Source damage: False
Clean up Cost: Not reported
Indian Reservation: False
Reserve Name: Not reported
MPCA Owned Wells at site: False
Created By: K. Lukes
Date Created: 4/30/1998
Date Last Updated: 7/7/2009
Federal Facility: False
Primary Funding Source: Not reported
EPA Id: Not reported
MPCA Id: Not reported
Alpha Sort: Not reported
Legal Distt: 09A
Congressional Distt: 7
Public Land Survey Method: M
Map Scale For PLS Locational Data: A
Township 2: Not reported
Range: Not reported
PLS Township Suffix: W
section: Not reported
PLS Qtr Section (160 Acres): Not reported
PLS Qtr-Qtr Section (40 Acres): Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres): Not reported
Pls Qtr-Qtr-Qtr-Qtr Secion (2.5 Acres): Not reported
Quad: 744
NAD Number: 83
Desc Of UTM Coord Pt: Not reported
UTM Coord Pt Data Source: Not reported
Org Providing UTM Coord Point Data: Not reported
mpcapgmac: Not reported
Utm Coord Pt Data Collection Method: Not reported
Date Of Utm Coord Pt Data Collection: Not reported
COL Date Qual: Not reported
Map Scale: Not reported
verifmeth: Not reported
horizref: Not reported
Utm Source: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Utm Method: I1
Utm Scale: A
Utm Accuracy: Not reported
Utm East: 213013.01563
Utm North: 5197921
Utm Zone: 15
Basin Code: 8
Major Watershed: 59
Minor Watershed: Not reported
Public Land Survey Method 2: Not reported
Map Scale For PLS Locational Data 2: Not reported
Township 2: Not reported
Range 2: Not reported
PLS Township Suffix 2: Not reported
Section 2: Not reported
PLS Qtr Section (160 Acres) 2: Not reported
PLS Qtr-Qtr Section (40 Acres) 2: Not reported
PLS Qtr-Qtr Section (10 Acres) 2: Not reported
PLS Qtr-Qtr Section (2.5 Acres) 2: Not reported
Quad 2: Not reported
File Location: Archival Storage
VIC Application GIS: False
Notes: The Site is an active retail motor fuel station - and was formerly used a motor vehicle repair and a dry cleaning facility - that is being investigated by the MPCA Tanks and Spills Section for a petroleum release (LEAK00000445). The Site was recently referred to the VIC Unit because of high levels of chlorinted solvents detected in the groundwater during the petroleum release investigation. The Site owner applied to the VIC program for a No Action Letter in April 1998.

Contact Type: Other
Company Name: MPCA
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 4/19/2004
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3243

Contact Type: Consultant
Company Name: Peer Engineering, Inc.
Contact Address: 4801 West 81st Street
Contact Address 2: Suite 118
Contact City,St,Zip: Bloomington, MN 55437
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 9528313341

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 7/21/2003
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Legal Counsel
Company Name: Gas Stop
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6053431040
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/13/2001
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Voluntary Party
Company Name: Gas Stop
Contact Address: PO Box 2701
Contact Address 2: Not reported
Contact City,St,Zip: Rapid City, SD 57709
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6053436250
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/14/2001
Misc Contact Info: Not reported
Receive Invoice: T
Staff Id Num: Not reported

Contact Type: Other
Company Name: MPCA
Contact Address: 714 Lake Avenue
Contact Address 2: Not reported
Contact City,St,Zip: Detroit Lakes, MN 56501
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 2188460473
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Contact Cell Phone: Not reported
Contact Information Last Updated: 11/15/2001
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3413

Contact Type: Other
Company Name: Gas Stop (Supervisor)
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6053437957
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/13/2001
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Former Staff Project Leader/Project Manager
Company Name: MPCA
Contact Address: 520 Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 11/15/2001
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3344

Contact Type: Consultant
Company Name: Gem Star Associates
Contact Address: 1042 14th Avenue East
Contact Address 2: Not reported
Contact City,St,Zip: West Fargo, ND 58075
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 7012770600
Contact Phone Ext: Not reported
Contact Fax: 7012770601
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/13/2001
Misc Contact Info: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Former Staff Project Leader/Project Manager
Company Name: MPCA
Contact Address: Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/19/1999
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3316

Contact Type: Former Staff TA
Company Name: MPCA
Contact Address: 525 Lake Avenue
Contact Address 2: Suite 400
Contact City,St,Zip: Duluth, MN 55802
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 218-529-6269
Contact Phone Ext: Not reported
Contact Fax: 218-723-4727
Contact E-mail: mark.elliott@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 11/15/2001
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3229

Contact Type: Former Staff TA
Company Name: MPCA
Contact Address: Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/19/1999
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3188

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Contact Type: Consultant
Company Name: Peer Engineering, Inc.
Contact Address: 7615 Golden Triangle Drive, Suite N
Contact Address 2: None
Contact City,St,Zip: Eden Prairie, MN 55344
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 9526970569
Contact Phone Ext: Not reported
Contact Fax: 9528314552
Contact E-mail: mfjohnson@peerengineering.com
Contact Cell Phone: 7634865187
Contact Information Last Updated: 11/18/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Staff TA (Technical Analyst)
Company Name: MPCA
Contact Address: 525 Lake Avenue South, Suite 400
Contact Address 2: None
Contact City,St,Zip: Duluth, MN 55802
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 2185296269
Contact Phone Ext: Not reported
Contact Fax: 2187234727
Contact E-mail: mark.elliott@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/11/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3229

Contact Type: Staff PL/PM (Project Leader/Project Manager)s
Company Name: MPCA
Contact Address: 520 Lafayette Road North
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512967297
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: wayne.sarappo@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/10/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3387

Contact Type: Former Staff Project Leader/Project Manager
Company Name: MPCA
Contact Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported

Contact Information Last Updated: 4/14/2006
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3407

Contaminant Id: Tetrachloroethylene; (Perchloroethylene
Contaminated Media: Air
Req Cleanup Concluded: 17.200001
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Other
Max Residual Contamination: 2034
Date Info Last Updated: 4/5/2002

Contaminant Id: 1,2-Dichloroethane
Contaminated Media: Ground Water
Req Cleanup Concluded: 4
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 279
Date Info Last Updated: 4/5/2002

Contaminant Id: Xylenes (mixture of o,m,p
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 8000
Date Info Last Updated: 4/5/2002

Contaminant Id: 1,2,4-Trimethylbenzene; (1,3,4-Trimethylbenzene
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Other
Max Residual Contamination: 7800
Date Info Last Updated: 4/5/2002

Contaminant Id: Benzene
Contaminated Media: Ground Water
Req Cleanup Concluded: 5
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 5920
Date Info Last Updated: 4/5/2002

Contaminant Id: Tetrachloroethylene; (Perchloroethylene
Contaminated Media: Ground Water

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Req Cleanup Concluded: 7
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 28000
Date Info Last Updated: 4/5/2002

Contaminant Id: Trichloroethylene; (TCE)
Contaminated Media: Ground Water
Req Cleanup Concluded: 5
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 124
Date Info Last Updated: 4/5/2002

Facid: VP9830
Event: 114
Additional Information: meeting held with site owner by teleconference
Start Date: 1/28/2003
End Date: 1/28/2003
Planned Start Date: 1/28/2003
Planned End Date: 1/28/2003
Date Info Last Updated: 2/20/2003
Record Number: 16374

Facid: VP9830
Event: 130
Additional Information: None Enterec
Start Date: 9/1/2002
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: 12/31/2005
Date Info Last Updated: 12/1/2004
Record Number: 22663

Facid: VP9830
Event: 138
Additional Information: planned
Start Date: 6/2/2002
End Date: 6/2/2002
Planned Start Date: 6/15/2002
Planned End Date: 6/15/2002
Date Info Last Updated: 4/5/2002
Record Number: 13688

Facid: VP9830
Event: 138
Additional Information: MPCA staff Site Visit
Start Date: 5/22/2008
End Date: 5/22/2008
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 5/30/2008
Record Number: 28930

Facid: VP9830
Event: 142
Additional Information: on going remediation system performance monitorint

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Start Date: 3/1/2004
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: 12/31/2007
Date Info Last Updated: 1/28/2005
Record Number: 22989

Facid: VP9830
Event: 142
Additional Information: Leak - VIC RMW
Start Date: Not reported
End Date: 11/29/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 12/1/2004
Record Number: 22676

Facid: VP9830
Event: 142
Additional Information: soil probes and ground water and soil sampling conducted by Peer Engineering
Start Date: 7/29/2003
End Date: 7/29/2003
Planned Start Date: 4/1/2003
Planned End Date: 6/15/2003
Date Info Last Updated: 9/30/2003
Record Number: 17394

Facid: VP9830
Event: 142
Additional Information: ground water and air monitoring event
Start Date: 2/20/2003
End Date: 2/20/2003
Planned Start Date: 1/15/2003
Planned End Date: 2/28/2003
Date Info Last Updated: 9/30/2003
Record Number: 17392

Facid: VP9830
Event: 142
Additional Information: ground water and air monitoring event
Start Date: 5/26/2003
End Date: 5/26/2003
Planned Start Date: 5/1/2003
Planned End Date: 6/1/2003
Date Info Last Updated: 9/30/2003
Record Number: 17393

Facid: VP9830
Event: 142
Additional Information: ground water sampling
Start Date: 8/5/2002
End Date: 8/5/2002
Planned Start Date: 8/1/2002
Planned End Date: 8/1/2002
Date Info Last Updated: 2/20/2003
Record Number: 16376

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Facid: VP9830
Event: 142
Additional Information: soil borings and soil samples
Start Date: 9/19/2002
End Date: 9/19/2002
Planned Start Date: 9/1/2002
Planned End Date: 10/1/2002
Date Info Last Updated: 2/20/2003
Record Number: 16378

Facid: VP9830
Event: 142
Additional Information: sanitary sewer vapor sampling
Start Date: 2/14/2002
End Date: 2/14/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16379

Facid: VP9830
Event: 142
Additional Information: sanitary sewer vapor sampling
Start Date: 4/29/2002
End Date: 4/29/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16380

Facid: VP9830
Event: 142
Additional Information: sanitary sewer vapro sampling
Start Date: 7/12/2002
End Date: 7/12/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16381

Facid: VP9830
Event: 142
Additional Information: sanitary sewer vapor sampling
Start Date: 11/20/2002
End Date: 11/20/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16382

Facid: VP9830
Event: 142
Additional Information: Indoor air sampling
Start Date: 8/13/2002
End Date: 8/13/2002
Planned Start Date: Not reported
Planned End Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Date Info Last Updated: 2/20/2003
Record Number: 16383

Facid: VP9830
Event: 142
Additional Information: Indoor air sampling
Start Date: 11/14/2002
End Date: 11/14/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16387

Facid: VP9830
Event: 142
Additional Information: ground water sampling
Start Date: 9/21/2002
End Date: 9/23/2002
Planned Start Date: 9/15/2002
Planned End Date: 9/15/2002
Date Info Last Updated: 2/20/2003
Record Number: 16377

Facid: VP9830
Event: 142
Additional Information: Indoor air sampling
Start Date: 9/25/2002
End Date: 9/25/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16385

Facid: VP9830
Event: 142
Additional Information: ground water sampling
Start Date: 1/25/2002
End Date: 1/25/2002
Planned Start Date: 1/1/2002
Planned End Date: 1/1/2002
Date Info Last Updated: 2/20/2003
Record Number: 16375

Facid: VP9830
Event: 142
Additional Information: Indoor air sampling
Start Date: 8/15/2002
End Date: 8/15/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16384

Facid: VP9830
Event: 142
Additional Information: Indoor air sampling
Start Date: 10/8/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

End Date: 10/8/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16386

Facid: VP9830
Event: 142
Additional Information: installation of additional boring and wells and indoor air sampling and investigation
Start Date: 9/16/2002
End Date: 9/27/2002
Planned Start Date: 9/16/2002
Planned End Date: Not reported
Date Info Last Updated: 10/4/2002
Record Number: 15337

Facid: VP9830
Event: 142
Additional Information: environmental monitoring and system monitoring
Start Date: 3/16/2004
End Date: 3/18/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24855

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 6/22/2005
End Date: 6/24/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24867

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 7/7/2005
End Date: 7/7/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24868

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 3/26/2004
End Date: 3/26/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24857

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 9/19/2004
End Date: 9/21/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24859

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 1/18/2005
End Date: 1/20/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24862

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 8/4/2004
End Date: 8/6/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24858

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 4/27/2005
End Date: 4/29/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24865

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 3/21/2004
End Date: 3/23/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24856

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 5/23/2005
End Date: 5/25/2005
Planned Start Date: Not reported
Planned End Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Date Info Last Updated: 3/1/2006
Record Number: 24866

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 2/23/2005
End Date: 2/25/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24863

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 3/19/2005
End Date: 3/21/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24864

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 8/24/2005
End Date: 8/26/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24869

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 9/12/2005
End Date: 9/12/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24870

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 11/16/2005
End Date: 11/18/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24872

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 12/20/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

End Date: 12/20/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24873

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 10/17/2004
End Date: 10/19/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24860

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 12/5/2004
End Date: 12/7/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24861

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 10/24/2005
End Date: 10/24/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24871

Facid: VP9830
Event: 155
Additional Information: Additional investigation (Phase II) work plan approved, with comments and modifications
Start Date: Not reported
End Date: 10/24/2000
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/14/2001
Record Number: 10679

Facid: VP9830
Event: 155
Additional Information: Approval of work plan for additional RI
Start Date: 6/20/2002
End Date: 9/6/2002
Planned Start Date: 2/15/2002
Planned End Date: 7/5/2002
Date Info Last Updated: 4/5/2002
Record Number: 13690

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Facid: VP9830
Event: 156
Additional Information: LUST Program DPE system which is designed for chlorinated removal too
was approved with many required modifications as RAP
Start Date: 3/25/2002
End Date: 7/3/2002
Planned Start Date: 3/15/2002
Planned End Date: 5/1/2002
Date Info Last Updated: 4/5/2002
Record Number: 13686

Facid: VP9830
Event: 156
Additional Information: Mr. Louis Long
Start Date: Not reported
End Date: 6/19/2009
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 6/18/2009
Record Number: 30297

Facid: VP9830
Event: 211
Additional Information: for RAP to Louis Long
Start Date: Not reported
End Date: 6/13/2008
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 6/24/2008
Record Number: 29016

Facid: VP9830
Event: 211
Additional Information: on RAP addressed to Louis Long
Start Date: Not reported
End Date: 6/13/2008
Planned Start Date: Not reported
Planned End Date: 6/13/2008
Date Info Last Updated: 6/16/2008
Record Number: 28984

Facid: VP9830
Event: 211
Additional Information: sent letter requesting new RAP
Start Date: Not reported
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: 10/24/2006
Date Info Last Updated: 12/1/2004
Record Number: 22675

Facid: VP9830
Event: 211
Additional Information: RMW letter with PR
Start Date: Not reported
End Date: 5/5/2005
Planned Start Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Planned End Date: Not reported
Date Info Last Updated: 5/5/2005
Record Number: 23471

Facid: VP9830
Event: 211
Additional Information: letter sent requesting a revised RAP
Start Date: Not reported
End Date: 10/24/2006
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 11/16/2006
Record Number: 26144

Facid: VP9830
Event: 211
Additional Information: Preliminary Feasibility Study comment letter
Start Date: Not reported
End Date: 2/20/2009
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/25/2009
Record Number: 30045

Facid: VP9830
Event: 211
Additional Information: and request for more work letter
Start Date: Not reported
End Date: 12/24/2003
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 12/26/2003
Record Number: 17830

Facid: VP9830
Event: 211
Additional Information: PCA VIC letter to RP/VP acknowledging 11.19.98 Phase I letter and requesting submittal of a Phase II Investigation Work Plan within 90 days.
Start Date: Not reported
End Date: 8/18/1999
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/14/2001
Record Number: 7728

Facid: VP9830
Event: 211
Additional Information: PCA VIC letter acknowledging 4.21.98 VIC application and requesting Phase I Investigation within 60 days.
Start Date: Not reported
End Date: 5/8/1998
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/14/2001
Record Number: 7726

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Facid: VP9830
Event: 220
Additional Information: approval with modifications
Start Date: Not reported
End Date: 10/22/2003
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 10/27/2003
Record Number: 17547

Facid: VP9830
Event: 220
Additional Information: revised SAP Submitted
Start Date: 12/3/2003
End Date: 12/3/2003
Planned Start Date: 9/1/2003
Planned End Date: 10/15/2003
Date Info Last Updated: 12/3/2003
Record Number: 17697

Facid: VP9830
Event: Interim Response Action/Waste Removal
Additional Information: Interim Response Action to control vapor levels in building may be requested
Start Date: 5/1/2002
End Date: Not reported
Planned Start Date: 5/1/2002
Planned End Date: 12/31/2007
Date Info Last Updated: 4/5/2002
Record Number: 13681

Facid: VP9830
Event: Remedial Action
Additional Information: Remedial Action is planned to begin this summer. Installation and operation of an MPE system is planned
Start Date: 3/15/2004
End Date: Not reported
Planned Start Date: 8/31/2002
Planned End Date: 12/31/2006
Date Info Last Updated: 4/5/2002
Record Number: 13687

Facid: VP9830
Event: Remedial Action
Additional Information: dual phase Extraction system operations
Start Date: 3/1/2004
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: 12/31/2007
Date Info Last Updated: 1/28/2005
Record Number: 22990

Facid: VP9830
Event: Remedial Design
Additional Information: design of dual phase extraction system
Start Date: 1/1/2002
End Date: 3/31/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Planned Start Date: Not reported
Planned End Date: 11/1/2002
Date Info Last Updated: 12/1/2004
Record Number: 22664

Facid: VP9830
Event: Operation and Maintenance
Additional Information: O&M of remediation system will be needed for several years
Start Date: 3/15/2004
End Date: Not reported
Planned Start Date: 7/15/2002
Planned End Date: 12/31/2006
Date Info Last Updated: 4/5/2002
Record Number: 13684

Facid: VP9830
Event: Operation and Maintenance
Additional Information: Long -Term Monitoring of indoor air quality and ground water will be needed until clean up goals are met
Start Date: Not reported
End Date: Not reported
Planned Start Date: 5/15/2002
Planned End Date: 12/31/2007
Date Info Last Updated: 4/5/2002
Record Number: 13683

Facid: VP9830
Event: VIC Program Participation Dates (Start/End)
Additional Information: None
Start Date: 4/21/1998
End Date: Not reported
Planned Start Date: 4/21/1998
Planned End Date: 7/1/2006
Date Info Last Updated: 11/4/1999
Record Number: 4303

Facid: VP9830
Event: Limited No Action Letter Sent
Additional Information: No Further Action is the ultimate goal of this project
Start Date: Not reported
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: 12/31/2004
Date Info Last Updated: 4/5/2002
Record Number: 13682

Facid: VP9830
GW Receipts Prot by Rem Actn: Not reported
Ecological receptors present: False
Type of ecological receptors: Not reported
Acres of contaminated soil: 0.5
Volume of contaminated soil: 15000
Acres of surface water impacted: Not reported
Acres of wetland impacted: Not reported
Acres of sediment impacted: Not reported
GW Plume Area Acres: 0.75
Cleanup Conducted: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Acres of Contam Soil remediate:	0
Volume of Soil Cleaned:	0
# Municipal wells contamd:	0
# Dom wells contam:	0
# People Impct SW intake contam:	Not reported
# Drums Revolved from site:	Not reported
Yr Soil Remediated:	Not reported
Acres of Soil w/ Restrict Access:	Not reported
Yr IC remedy complete:	Not reported
Yr GW remedy completed:	Not reported
Year GWIC completed:	Not reported
Acres of wetland of sediment remediated:	Not reported
Public financing:	True
Assurance help:	False
Land use Classfn At Site:	Commercial
Land use Vicinity Of Site:	Residential
Deed notif Present On Site:	False
Restrictive Covenant Present:	False
Restrictions:	Not reported
GW Pump and Treat Used at site:	True
Quaternary Perched:	True
Quaternary Water Table:	True
Quaternary Confined:	False
Cretaceous:	False
Plattville:	False
St. peter:	False
Prairie Duchien:	False
Jordan:	False
Ironton/Galesville:	False
Mt Simon Hinckley:	False
Precambrian Undifferentiated:	False
Other/Unknown Aquifer:	False
Date Info Last Updated:	12/1/2004
Inst Control Info Updated:	Not reported
Inst Control Filed Location:	Not reported
SW Classification (Primary):	Not reported
SW Classification (Secondary):	Not reported
Miscellaneous:	10.2.00 (PRS)There is a private residence to the S of the site and a Knights of Columbus Hall to the E of the site where vapor issues may be a concern depending on whether impacted soil and/or GW intercepts the basements and/or is entering the sumps.
SW Comments:	Not reported

MN LS:

Link ID:	4917
EPA ID:	Not reported
MPCA ID:	VP9830
Method:	I1
CERCLIS:	No
National Priorities List:	No
PLP:	No
Voluntary Cleanup & Investigation:	Yes
RCRA Treatment Storage & Disposal:	No
RCRA Generator:	No
Solid Waste Permit:	No
Dumps:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

No Further Remedial Action Planned: No
Delisted From PLP By MPCA: No
LCP: No
Brownfield: No
Entity Type: VIC

LUST:

Leak ID: 445
Site ID: 218103
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 213407
Release Discovered Date: Not reported
Leak Reported Date: 02/26/1988 00:00:00
Leak Site: Leak Site - Tank and Petroleum Contamination
File Archive Box: Not reported
File Archive Lot: Not reported
Soil Digout Date: 03/16/1988 00:00:00
Cubic Yards Excavated: 606
Conditional Closure Date: Not reported
Complete Site Closure Date: Not reported
Contaminated Soils Remaining: Yes
Enforcement Action Begin Date: 03/31/1988 00:00:00
Lust Trust Eligible: Yes
Offsite Contamination: Yes
Reimbursement Awarded: No
Std Letter Response Date: Not reported
Surface Water Impact: No
Utility Project Flag: No
TMSP Added: 12/04/1999 14:03:43
TMSP Last Update: 09/22/2009 14:35:54
Staff Id Last Update: DBELLEF
Release From AST: No
Release From UST: Yes
Tank Registration Status Code: F
VPIC Application Date: Not reported
VPIC Acres: Not reported
Addr Id: 194083
Township Name: Riverton
Active Flag: Yes
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 09/30/1999 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Yes
Soil Gas Data Collected Flag: No
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: No
Indoor Air Collected Flag: Yes
Vapor Intrusion Action Flag: Yes
Vapor Intrusion Comments: 1/4ly indoor air sampling initiated in several bldgs during 2001 in association with VIC Program.
Soil Gas Data Comments: Work began before PRP VIA guidance and indoor air sampling already

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Comments:	completed Not reported
LEAK CLEANUP ACTIONS:	
MN PCA ID:	213407
Leak Action Approval Date:	01/26/1998 00:00:00
Leak Action Begin Date:	02/03/1998 00:00:00
Leak Action End Date:	05/01/2003 00:00:00
TMSP Added:	06/07/2002 14:23:24
TMSP Last Update:	06/01/2004 13:27:51
Staff Id Last Update:	PSTOCK
MN PCA ID:	213407
Leak Action Approval Date:	07/01/2002 00:00:00
Leak Action Begin Date:	02/10/2004 00:00:00
Leak Action End Date:	07/27/2006 00:00:00
TMSP Added:	06/07/2002 14:23:40
TMSP Last Update:	09/21/2006 16:49:24
Staff Id Last Update:	PSTOCK
LEAK GW INFO:	
MN PCA ID:	213407
Dw Supply Contam:	No
Free Product Observed:	Yes
Free Product Thickness:	.72
Ground Water Contam:	Yes
GW Cleanup Goal:	0
Gw Exceeds Cleanup Goal:	Yes
Cleanup Goal Achieved:	No
Water Supply Exceeds Ral:	No
Well Type Code:	2
Impacted Aquifer Code:	Not reported
TMSP Added:	12/04/1999 14:07:26
TMSP Last Update:	08/25/2007 11:57:58
Staff Id Last Update:	ASEKELY
Mtbe Present Now:	Yes
Mtbe Present Historically:	Yes
Mtbe High Ug Per Liter Char:	6200
Mtbe High Ug Per Liter Numb:	6200
Mtbe High Level Date:	05/25/1999 00:00:00
Free Product At Close:	Not reported
Staff Id Ass:	3413
PWS Well:	N
Prot Flag:	No
Sens Flag:	No
LEAK PRODUCT RELEASED:	
MN PCA ID:	213407
Prod Released Sequence Id:	401265
Leak Product:	Gasoline, Type Unknown
Tmsp Added:	12/27/1999 12:59:07
Tmsp Last_updt:	05/04/2002 09:00:56
Staff Id Last Updt:	TANKS
MN PCA ID:	213407
Prod Released Sequence Id:	109385
Leak Product:	Gasoline Leaded
Tmsp Added:	08/25/2007 11:57:44
Tmsp Last_updt:	08/25/2007 11:57:44
Staff Id Last Updt:	ASEKELY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

UST:

TANK:

MPCA Tank Number: 001
Tank Registration Date: 05/06/1986 00:00:00
Tank Storage Capacity: 4000
Tank Dual Use: N
Tank Status: **Removed**
Tank Stored Product: Alcohol Blend
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: None
Piping Material: Galvanized steel
Second Contain Tank: Galvanized steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:17
Date Last Updated: 09/24/2008 13:57:56
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 271662
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 324783
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1900 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 001
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: GASOHOL
Compartment Cap: 4000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:42
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 002
Tank Registration Date: 05/06/1986 00:00:00
Tank Storage Capacity: 4000
Tank Dual Use: N
Tank Status: **Removed**
Tank Stored Product: Alcohol Blend
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: None
Piping Material: Galvanized steel
Second Contain Tank: Galvanized steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Date Added: 10/10/1999 10:56:55
Date Last Updated: 09/24/2008 13:57:56
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 260046
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 305139
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1900 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 002
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: GASOHOL
Compartment Cap: 4000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:22
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 003
Tank Registration Date: 05/06/1986 00:00:00
Tank Storage Capacity: 3000
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Alcohol Blend
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: None
Piping Material: Galvanized steel
Second Contain Tank: Galvanized steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:02
Date Last Updated: 09/24/2008 13:57:56
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 263889
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 311664
Contractor Number: Not reported
Supervisor Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Tank Action: Install Tank
Action Date: 01/01/1900 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 003
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: GASOHOL
Compartment Cap: 3000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:29
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 004
Tank Registration Date: 05/06/1986 00:00:00
Tank Storage Capacity: 2000
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Alcohol Blend
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: None
Piping Material: Galvanized steel
Second Contain Tank: Galvanized steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:17
Date Last Updated: 09/24/2008 13:57:56
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION.

MPCA Tank Number: 004
Above Or Underground: Under Ground
Tank Action ID: 271663
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 004
Above Or Underground: Under Ground
Tank Action ID: 324784
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1900 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 004
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: GASOHOL
Compartment Cap: 2000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:42
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 005
Tank Registration Date: 05/06/1986 00:00:00
Tank Storage Capacity: 2000
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Alcohol Blend
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: None
Piping Material: Galvanized steel
Second Contain Tank: Galvanized steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:48
Date Last Updated: 09/24/2008 13:57:56
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 005
Above Or Underground: Under Ground
Tank Action ID: 256106
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

MPCA Tank Number: 005
Above Or Underground: Under Ground
Tank Action ID: 298411
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1900 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 005
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: GASOHOL
Compartment Cap: 2000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:15
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 006
Tank Registration Date: 04/20/1988 00:00:00
Tank Storage Capacity: 12000
Tank Dual Use: N
Tank Status: 10
Tank Stored Product: Alcohol Blend
Tank Construction Material: STI-P3
Tank Cathodic Protection: Anode
Piping Cathodic Protection: Anode
Piping Material: Coated Steel
Second Contain Tank: Coated Steel
Second Contain Pipe: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:17
Date Last Updated: 09/30/2009 07:46:46
Staff Id Who Did The Last Update: BOLSON
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 006
Above Or Underground: Under Ground
Tank Action ID: 324785
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 006
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: GASOHOL
Compartment Cap: 12000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:42
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 007
Tank Registration Date: 04/20/1988 00:00:00
Tank Storage Capacity: 12000
Tank Dual Use: N
Tank Status: 10
Tank Stored Product: Alcohol Blend
Tank Construction Material: STI-P3
Tank Cathodic Protection: Anode
Piping Cathodic Protection: Anode
Piping Material: Coated Steel
Second Contain Tank: Coated Steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:04
Date Last Updated: 09/30/2009 07:46:58
Staff Id Who Did The Last Update: BOLSON
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 007
Above Or Underground: Under Ground
Tank Action ID: 314909
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 007
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: GASOHOL
Compartment Cap: 12000
Heating: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Other Desc: Not reported
Date Added: 10/10/1999 10:58:30
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 008
Tank Registration Date: 04/20/1988 00:00:00
Tank Storage Capacity: 12000
Tank Dual Use: N
Tank Status: 10
Tank Stored Product: Alcohol Blend
Tank Construction Material: STI-P3
Tank Cathodic Protection: Anode
Piping Cathodic Protection: Anode
Piping Material: Coated Steel
Second Contain Tank: Coated Steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:10
Date Last Updated: 09/30/2009 07:47:09
Staff Id Who Did The Last Update: BOLSON
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 008
Above Or Underground: Under Ground
Tank Action ID: 318227
Contractor Number: Not reported
Supervisor Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Tank Action: Install Tank
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 008
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: GASOHOL
Compartment Cap: 12000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:36
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 009
Tank Registration Date: 02/28/1997 00:00:00
Tank Storage Capacity: 12000
Tank Dual Use: N
Tank Status: 10
Tank Stored Product: Alcohol Blend
Tank Construction Material: STI-P3
Tank Cathodic Protection: Anode
Piping Cathodic Protection: Anode
Piping Material: Coated Steel
Second Contain Tank: Coated Steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Compartmental Tank Flag: Not reported
Heating Product Flag: No
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:57:10
Date Last Updated: 09/30/2009 07:47:19
Staff Id Who Did The Last Update: BOLSON
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 009
Above Or Underground: Under Ground
Tank Action ID: 356285
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Piping
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 009
Above Or Underground: Under Ground
Tank Action ID: 318226
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 009
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: ALCOHOL BLEND
Compartment Cap: 12000
Heating: No
Other Desc: Not reported
Date Added: 10/10/1999 10:58:36
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE

MPCA Tank Number: Not reported
Number of Dispensers: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 010
Tank Registration Date: 02/28/1997 00:00:00
Tank Storage Capacity: 12000
Tank Dual Use: N
Tank Status: 10
Tank Stored Product: Alcohol Blend
Tank Construction Material: STI-P3
Tank Cathodic Protection: Anode
Piping Cathodic Protection: Anode
Piping Material: Coated Steel
Second Contain Tank: Coated Steel
Second Contain Pipe: Not reported
Tank Dispenser: Submersible
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: No
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:48
Date Last Updated: 09/30/2009 07:47:29
Staff Id Who Did The Last Update: BOLSON
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 010
Above Or Underground: Under Ground
Tank Action ID: 298410
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

MPCA Tank Number: 010
Above Or Underground: Under Ground
Tank Action ID: 354212
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Piping
Action Date: 04/20/1988 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:48
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 010
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 26
Tank Stored Product Desc: ALCOHOL BLEND
Compartment Cap: 12000
Heating: No
Other Desc: Not reported
Date Added: 10/10/1999 10:58:15
Date Last Updated: 05/04/2002 07:59:47
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TABSITE:

Program Interest Id: 195293
Above Or Underground: Under Ground
Facility Code: 34
Indian Reservation: No
UST Registration Date: 05/06/1986 00:00:00
AST Registration Date: Not reported
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:01
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

LATLONG:

Program Id:	Not reported
Latlong ID:	Not reported
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Collection Date:	Not reported
Latlong Description:	Not reported
TMSP Added:	Not reported
Date Last Updated:	Not reported
Staff Id Last Updated:	Not reported
Coord Source Type:	Not reported
Org Name Source:	Not reported

[Click this hyperlink](#) while viewing on your computer to access additional MN_UST: detail in the EDR Site Report.

MN SPILL:

Program Id:	177007
Township Name:	Not reported
Interest Type:	SP
Addr Id:	194083
Interest Phone:	Not reported
Preferred Id:	19077
Interest Start Date:	03/21/1996 00:00:00
Interest End Date:	Not reported
Active:	Not reported
Tmsp Added:	03/21/1996 00:00:00
Tmsp Last Updt:	04/11/2007 08:22:55
Staff Id Last Updt:	RSUCHAN
State County Code:	14
Country Code:	USA
Foreign State:	Not reported
Foreign Zone:	Not reported
Spill Closure Code:	Not reported
Sp Rep Code:	Not reported
Report Taken By Initials:	3075
Mpca Project Manager Initials:	3075
Spill Site Closure Date:	02/12/1994 00:00:00
Sp Rep Desc:	PETE MARINUCCI
Spill Date:	02/12/1994 00:00:00
Spill Reported Date:	02/12/1994 00:00:00
Init Cause Code:	Spill
Init Cause Desc:	OVERFILL
Initial Source Code:	Not reported
Priority Code:	4
Archive Lot:	Not reported
Archive Box:	Not reported
Rep Phone:	Not reported
Rep Name:	Not reported
Mpca Involvement:	Not reported
Rpt Taken By Duty Officer:	Not reported
Spill Cause:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number

EPA ID Number

GAS STOP (Continued)

U000280318

Product: Not reported
Spill: Not reported
Report: Not reported
Region: Not reported
Project Mngr: Not reported
Quantity: Not reported
Product: Not reported
Respnbl Party: Not reported
Box: Not reported
Closure Date: Not reported
Cause Code: Not reported
Date Reported: Not reported
Location: Not reported
Product: Not reported
Amount Spilled: Not reported
Units: Not reported
Priority: Not reported
Spill Date: Not reported
Spill Date: Not reported
Action Taken: Not reported
Reported By: Not reported
Incident: Not reported
Respnbl Party: Not reported
Spill Cause: Not reported
Action Taken: Not reported
Public Safety Spill ID: Not reported
Site ID: 0
Duty Officer Report No: Not reported
Comments: *NO FILE*

MN SPILL ACTION:

Spill Action Code: Not reported
Spill Action Person: Not reported
Spill Action Date: Not reported
Tmsp Added: Not reported
Tmsp Last Updt: Not reported
Staff Id Last Updt: Not reported

MN SPILL AFFECTED DESCRIPTION:

Spill Inc. Affect Code: Not reported
Tmsp Added: Not reported
Tmsp Last Updt: Not reported
Staff Id Last Updt: Not reported

MN SPILL EMERGENCY:

Emergency Id: Not reported
Emergency Code: Not reported
Spill Action Code: Not reported
Tmsp Added: Not reported
Tmsp Last Updt: Not reported
Staff Id Last Updt: Not reported

MN SPILL PREVENTION:

Spill Prevention Code: Not reported
Spill Prevention Date: Not reported
Comments: Not reported
Tmsp Added: Not reported
Tmsp Last Updt: Not reported
Staff Id Last Updt: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

MN SPILL PRODUCT:

Program ID: 177007
Spill Incident Accuracy Id: 71317
Spill Product Code: Gasoline Regular
Spill Qty Units Code: Gallons
Spill Incident Accuracy Code: Known
Spill Released Qty: 10
Tmsp Added: 03/21/1996 00:00:00
Tmsp Last Updt: 05/04/2002 07:00:19
Staff Id Last Updt: TANKS

MN Voluntary Investigation Cleanup Program:

Facility ID: VP9830
Facility Type: Dry Cleaner
Facility Address 2: Not reported
Core Program Interest Id: 336340
Link Id: 4917
Active: True
Pay Complete: False
MPCA Region: Detroit Lakes
Size Acres: 0.5
HRS Score: 0
Enforcement Lead Agency: Not reported
Federal Defferal Plot: False
Emergency: False
Site Classification: False
RD/RA: False
RL/FS: False
Fund financed: False
Npl: False
Plp: False
District: North
Program Referred from: Tanks & Spills
Program Interest: VIC
Physical Location: Approx. 1/2 acre lot located at 903 Main Av at the southeast quadrant of Main Av and 9th street intersection in Moorehead, MN
Natural Source damage: False
Clean up Cost: Not reported
Indian Reservation: False
Reservation Name: Not reported
MPCA Owned Wells at site: False
Created By: K. Lukes
Date Created: 4/30/1998
Date Last Updated: 7/7/2009
Federal Facility: False
Primary Funding Source: Not reported
EPA Id: Not reported
MPCA Id: Not reported
Alpha Sort: Not reported
Legal Distt: 09A
Congressional Dist: 7
Scale Of Map Used Pls Loc Data: A
Township: Not reported
Range: Not reported
Range East West: W
Section: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Pls Qtr Section (160 Acres):	Not reported
Pls Qtr Qtr Section (40 Acres):	Not reported
Pls Qtr-Qtr-Qtr Section (10 Acres):	Not reported
Pls Qtr-Qtr-Qtr-Qtr Section (2.5 Acres):	Not reported
Quad:	744
NAD Number:	83
Desc Of UTM Coord Pt:	Not reported
UTM Coord Pt Data Source:	Not reported
Org Providing The UTM Coord Point Data:	Not reported
Method For Loc Public Land Survey:	M
Method Of Utm Coord Pt Data Collection:	Not reported
Date Of Utm Coord Pt Data Collection:	Not reported
COL Date Qual:	Not reported
Map Scale:	Not reported
Verification Method:	Not reported
horizref:	Not reported
Utm Source:	2
Utm Method:	I1
Utm Scale:	A
Utm Accuracy:	Not reported
Utm East:	213013.01563
Utm North:	5197921
Utm Zone:	15
Basin Code:	8
Major Watershed:	59
Major Watershed:	Not reported
Method For Loc Public Land Survey:	Not reported
Scale Of Map Used Pls Loc Data:	Not reported
Township 2:	Not reported
Range 2:	Not reported
Range East West:	Not reported
Section 2:	Not reported
Pls Qtr Section (160 Acres) 2:	Not reported
Pls Qtr Qtr Section (40 Acres)2:	Not reported
Pls Qtr Qtr Qtr Section (10 Acres)2:	Not reported
Pls Qtr Qtr Qtr Qtr Section (2.5 Acres) 2:	Not reported
Quad 2:	Not reported
File Location:	Archival Storage
GIS Application GIS:	False
Notes:	The Site is an active retail motor fuel station - and was formerly used a motor vehicle repair and a dry cleaning facility - that is being investigated by the MPCA Tanks and Spills Section for a petroleum release (LEAK00000445). The Site was recently referred to the VIC Unit because of high levels of chlorinted solvents detected in the groundwater during the petroleum release investigation. The Site owner applied to the VIC program for a No Action Letter in April 1998.
Contact Type:	Other
Company Name:	MPCA
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Province:	Not reported
Contact Country:	Not reported
Contact Postal code:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 4/19/2004
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3243

Contact Type: Consultant
Company Name: Peer Engineering, Inc.
Contact Address: 4801 West 81st Street
Contact Address 2: Suite 118
Contact City,St,Zip: Bloomington, MN 55437
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 9528313341
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 7/21/2003
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Legal Counsel
Company Name: Gas Stop
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6053431040
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/13/2001
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Voluntary Party
Company Name: Gas Stop
Contact Address: PO Box 2701
Contact Address 2: Not reported
Contact City,St,Zip: Rapid City, SD 57709
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6053436250
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Contact Information Last Updated: 3/14/2001
Misc Contact Info: Not reported
Receive Invoice: T
Staff Id Num: Not reported

Contact Type: Other
Company Name: MPCA
Contact Address: 714 Lake Avenue
Contact Address 2: Not reported
Contact City,St,Zip: Detroit Lakes, MN 56501
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 2188460473
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported

Contact Information Last Updated: 11/15/2001
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3413

Contact Type: Other
Company Name: Gas Stop (Supervisor)
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6053437957
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported

Contact Information Last Updated: 3/13/2001
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Former Staff Project Leader/Project Manager
Company Name: MPCA
Contact Address: 520 Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported

Contact Information Last Updated: 11/15/2001
Misc Contact Info: Not reported
Receive Invoice: F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Staff Id Num: 3344

Contact Type: Consultant
Company Name: Gem Star Associates
Contact Address: 1042 14th Avenue East
Contact Address 2: Not reported
Contact City,St,Zip: West Fargo, ND 58075
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 7012770600
Contact Phone Ext: Not reported
Contact Fax: 7012770601
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/13/2001
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Former Staff Project Leader/Project Manager
Company Name: MPCA
Contact Address: Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 55154194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/19/1999
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3316

Contact Type: Former Staff TA
Company Name: MPCA
Contact Address: 525 Lake Avenue
Contact Address 2: Suite 400
Contact City,St,Zip: Duluth, MN 55802
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 218-529-6269
Contact Phone Ext: Not reported
Contact Fax: 218-723-4727
Contact E-mail: mark.elliott@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 11/15/2001
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3229

Contact Type: Former Staff TA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Company Name: MPCA
Contact Address: Lafayette Rd
Contact Address 2: Not reported
Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E-mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/19/1999
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3188

Contact Type: Consultant
Company Name: Peer Engineering, Inc.
Contact Address: 7615 Golden Triangle Drive, Suite N
Contact Address 2: None
Contact City,St,Zip: Eden Prairie, MN 55344
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 9526970569
Contact Phone Ext: Not reported
Contact Fax: 9528314552
Contact E-mail: mjohnson@peerengineering.com
Contact Cell Phone: 7634865187
Contact Information Last Updated: 11/18/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: Not reported

Contact Type: Staff TA (Technical Analyst)
Company Name: MPCA
Contact Address: 525 Lake Avenue South, Suite 400
Contact Address 2: None
Contact City,St,Zip: Duluth, MN 55802
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 2185296269
Contact Phone Ext: Not reported
Contact Fax: 2187234727
Contact E-mail: mark.elliott@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 3/11/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3229

Contact Type: Staff PL/PM (Project Leader/Project Manager)s
Company Name: MPCA
Contact Address: 520 Lafayette Road North
Contact Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Contact City,St,Zip: St. Paul, MN 551554194
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: 6512967297
Contact Phone Ext: Not reported
Contact Fax: 6512969707
Contact E-mail: wayne.sarappo@pca.state.mn.us
Contact Cell Phone: Not reported
Contact Information Last Updated: 2/10/2008
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3387

Contact Type: Former Staff Project Leader/Project Manager
Company Name: MPCA
Contact Address: Not reported
Contact Address 2: Not reported
Contact City,St,Zip: Not reported
Contact Province: Not reported
Contact Country: Not reported
Contact Postal code: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Fax: Not reported
Contact E mail: Not reported
Contact Cell Phone: Not reported
Contact Information Last Updated: 4/14/2006
Misc Contact Info: Not reported
Receive Invoice: F
Staff Id Num: 3407

Contaminant Id: Tetrachloroethylene; (Perchloroethylene
Contaminated Media: Air
Req Cleanup Concluded: 17.200001
Cleanup Lvl Measure Units: Not reported
Basis For Req Cleanup Lvl: Other
Max Residual Contamination: 2034
Date Info Last Updated: 4/5/2002

Contaminant Id: 1,2-Dichloroethane
Contaminated Media: Ground Water
Req Cleanup Concluded: 4
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 279
Date Info Last Updated: 4/5/2002

Contaminant Id: Xylenes (mixture of o,m,p
Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 8000
Date Info Last Updated: 4/5/2002

Contaminant Id: 1,2,4-Trimethylbenzene; (1,3,4-Trimethylbenzene

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Contaminated Media: Ground Water
Req Cleanup Concluded: Not reported
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: Other
Max Residual Contamination: 7800
Date Info Last Updated: 4/5/2002

Contaminant Id: Benzene
Contaminated Media: Ground Water
Req Cleanup Concluded: 5
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 5920
Date Info Last Updated: 4/5/2002

Contaminant Id: Tetrachloroethylene; (Perchloroethylene)
Contaminated Media: Ground Water
Req Cleanup Concluded: 7
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 28000
Date Info Last Updated: 4/5/2002

Contaminant Id: Trichloroethylene; (TCE)
Contaminated Media: Ground Water
Req Cleanup Concluded: 5
Cleanup Lvl Measure Units: ug/L
Basis For Req Cleanup Lvl: HRL (Health Risk Limit)
Max Residual Contamination: 124
Date Info Last Updated: 4/5/2002

Facid: VP9830
Event: 114
Additional Information: meeting held with site owner by teleconference
Start Date: 1/28/2003
End Date: 1/28/2003
Planned Start Date: 1/28/2003
Planned End Date: 1/28/2003
Date Info Last Updated: 2/20/2003
Record Number: 16374

Facid: VP9830
Event: 130
Additional Information: None Entered
Start Date: 9/1/2002
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: 12/31/2005
Date Info Last Updated: 12/1/2004
Record Number: 22663

Facid: VP9830
Event: 138
Additional Information: planned
Start Date: 6/2/2002
End Date: 6/2/2002
Planned Start Date: 6/15/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Planned End Date: 6/15/2002
Date Info Last Updated: 4/5/2002
Record Number: 13688

Facid: VP9830
Event: 138
Additional Information: MPCA staff Site Visit
Start Date: 5/22/2008
End Date: 5/22/2008
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 5/30/2008
Record Number: 28930

Facid: VP9830
Event: 142
Additional Information: on going remediation system performance monitorint
Start Date: 3/1/2004
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: 12/31/2007
Date Info Last Updated: 1/28/2005
Record Number: 22989

Facid: VP9830
Event: 142
Additional Information: Leak - VIC RMW
Start Date: Not reported
End Date: 11/29/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 12/1/2004
Record Number: 22676

Facid: VP9830
Event: 142
Additional Information: soil probes and ground water and soil sampling conducted by Peer Engineering
Start Date: 7/29/2003
End Date: 7/29/2003
Planned Start Date: 4/1/2003
Planned End Date: 6/15/2003
Date Info Last Updated: 9/30/2003
Record Number: 17394

Facid: VP9830
Event: 142
Additional Information: ground water and air monitoring event
Start Date: 2/20/2003
End Date: 2/20/2003
Planned Start Date: 1/15/2003
Planned End Date: 2/28/2003
Date Info Last Updated: 9/30/2003
Record Number: 17392

Facid: VP9830
Event: 142

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Additional Information: ground water and air monitoring event
Start Date: 5/26/2003
End Date: 5/26/2003
Planned Start Date: 5/1/2003
Planned End Date: 6/1/2003
Date Info Last Updated: 9/30/2003
Record Number: 17393

Facid: VP9830
Event: 142
Additional Information: ground water sampling
Start Date: 8/5/2002
End Date: 8/5/2002
Planned Start Date: 8/1/2002
Planned End Date: 8/1/2002
Date Info Last Updated: 2/20/2003
Record Number: 16376

Facid: VP9830
Event: 142
Additional Information: soil borings and soil samples
Start Date: 9/19/2002
End Date: 9/19/2002
Planned Start Date: 9/1/2002
Planned End Date: 10/1/2002
Date Info Last Updated: 2/20/2003
Record Number: 16378

Facid: VP9830
Event: 142
Additional Information: sanitary sewer vapor sampling
Start Date: 2/14/2002
End Date: 2/14/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16379

Facid: VP9830
Event: 142
Additional Information: sanitary sewer vapor sampling
Start Date: 4/29/2002
End Date: 4/29/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16380

Facid: VP9830
Event: 142
Additional Information: sanitary sewer vapro sampling
Start Date: 7/12/2002
End Date: 7/12/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16381

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

FDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Facid: VP9830
Event: 142
Additional Information: sanitary sewer vapor sampling
Start Date: 11/20/2002
End Date: 11/20/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16382

Facid: VP9830
Event: 142
Additional Information: Indoor air sampling
Start Date: 8/13/2002
End Date: 8/13/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16383

Facid: VP9830
Event: 142
Additional Information: Indoor air sampling
Start Date: 11/14/2002
End Date: 11/14/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16387

Facid: VP9830
Event: 142
Additional Information: ground water sampling
Start Date: 9/21/2002
End Date: 9/23/2002
Planned Start Date: 9/15/2002
Planned End Date: 9/15/2002
Date Info Last Updated: 2/20/2003
Record Number: 16377

Facid: VP9830
Event: 142
Additional Information: Indoor air sampling
Start Date: 9/25/2002
End Date: 9/25/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16385

Facid: VP9830
Event: 142
Additional Information: ground water sampling
Start Date: 1/25/2002
End Date: 1/25/2002
Planned Start Date: 1/1/2002
Planned End Date: 1/1/2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Date Info Last Updated: 2/20/2003
Record Number: 16375

Facid: VP9830
Event: 142
Additional Information: Indoor air sampling
Start Date: 8/15/2002
End Date: 8/15/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16384

Facid: VP9830
Event: 142
Additional Information: Indoor air sampling
Start Date: 10/8/2002
End Date: 10/8/2002
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 2/20/2003
Record Number: 16386

Facid: VP9830
Event: 142
Additional Information: installation of additional boring and wells and indoor air sampling and investigation
Start Date: 9/16/2002
End Date: 9/27/2002
Planned Start Date: 9/16/2002
Planned End Date: Not reported
Date Info Last Updated: 10/4/2002
Record Number: 15337

Facid: VP9830
Event: 142
Additional Information: environmental monitoring and system monitoring
Start Date: 3/16/2004
End Date: 3/18/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24855

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 6/22/2005
End Date: 6/24/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24867

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Start Date: 7/7/2005
End Date: 7/7/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24868

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 3/26/2004
End Date: 3/26/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24857

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 9/19/2004
End Date: 9/21/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24859

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 1/18/2005
End Date: 1/20/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24862

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 8/4/2004
End Date: 8/6/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24858

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 4/27/2005
End Date: 4/29/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24865

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 3/21/2004
End Date: 3/23/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24856

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 5/23/2005
End Date: 5/25/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24866

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 2/23/2005
End Date: 2/25/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24863

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 3/19/2005
End Date: 3/21/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24864

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 8/24/2005
End Date: 8/26/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24869

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 9/12/2005
End Date: 9/12/2005
Planned Start Date: Not reported
Planned End Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Date Info Last Updated: 3/1/2006
Record Number: 24870

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 11/16/2005
End Date: 11/18/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24872

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 12/20/2005
End Date: 12/20/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24873

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 10/17/2004
End Date: 10/19/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24860

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 12/5/2004
End Date: 12/7/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24861

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 10/24/2005
End Date: 10/24/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24871

Facid: VP9830
Event: 155
Additional Information: Additional investigation (Phase II) work plan approved, with comments and modifications

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number

EPA ID Number

GAS STOP (Continued)

U000280318

Start Date: Not reported
End Date: 10/24/2000
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/14/2001
Record Number: 10679

Facid: VP9830
Event: 155
Additional Information: Approval of work plan for additional RI
Start Date: 6/20/2002
End Date: 9/6/2002
Planned Start Date: 2/15/2002
Planned End Date: 7/5/2002
Date Info Last Updated: 4/5/2002
Record Number: 13690

Facid: VP9830
Event: 156
Additional Information: LUST Program DPE system which is designed for chlorinated removal too was approved with many required modifications as RAP
Start Date: 3/25/2002
End Date: 7/3/2002
Planned Start Date: 3/15/2002
Planned End Date: 5/1/2002
Date Info Last Updated: 4/5/2002
Record Number: 13686

Facid: VP9830
Event: 156
Additional Information: Mr. Louis Long
Start Date: Not reported
End Date: 6/19/2009
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 6/18/2009
Record Number: 30297

Facid: VP9830
Event: 211
Additional Information: for RAP to Louis Long
Start Date: Not reported
End Date: 6/13/2008
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 6/24/2008
Record Number: 29016

Facid: VP9830
Event: 211
Additional Information: on RAP addressed to Louis Long
Start Date: Not reported
End Date: 6/13/2008
Planned Start Date: Not reported
Planned End Date: 6/13/2008
Date Info Last Updated: 6/16/2008
Record Number: 28984

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Facid: VP9830
Event: 211
Additional Information: sent letter requesting new RAP
Start Date: Not reported
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: 10/24/2006
Date Info Last Updated: 12/1/2004
Record Number: 22675

Facid: VP9830
Event: 211
Additional Information: RMW letter with PR
Start Date: Not reported
End Date: 5/5/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 5/5/2005
Record Number: 23471

Facid: VP9830
Event: 211
Additional Information: letter sent requesting a revised RAP
Start Date: Not reported
End Date: 10/24/2006
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 11/16/2006
Record Number: 26144

Facid: VP9830
Event: 211
Additional Information: Preliminary Feasibility Study comment letter
Start Date: Not reported
End Date: 2/20/2009
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/25/2009
Record Number: 30045

Facid: VP9830
Event: 211
Additional Information: and request for more work letter
Start Date: Not reported
End Date: 12/24/2003
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 12/26/2003
Record Number: 17830

Facid: VP9830
Event: 211
Additional Information: PCA VIC letter to RP/VP acknowledging 11 19.98 Phase I letter and requesting submittal of a Phase II Investigation Work Plan within 90 days.
Start Date: Not reported
End Date: 8/18/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/14/2001
Record Number: 7728

Facid: VP9830
Event: 211
Additional Information: PCA VIC letter acknowledging 4.21.98 VIC application and requesting Phase I Investigation within 60 days.
Start Date: Not reported
End Date: 5/8/1998
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/14/2001
Record Number: 7726

Facid: VP9830
Event: 220
Additional Information: approval with modifications
Start Date: Not reported
End Date: 10/22/2003
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 10/27/2003
Record Number: 17547

Facid: VP9830
Event: 220
Additional Information: revised SAP Submitted
Start Date: 12/3/2003
End Date: 12/3/2003
Planned Start Date: 9/1/2003
Planned End Date: 10/15/2003
Date Info Last Updated: 12/3/2003
Record Number: 17697

Facid: VP9830
Event: Interim Response Action/Waste Removal
Additional Information: Interim Response Action to control vapor levels in building may be requested
Start Date: 5/1/2002
End Date: Not reported
Planned Start Date: 5/1/2002
Planned End Date: 12/31/2007
Date Info Last Updated: 4/5/2002
Record Number: 13681

Facid: VP9830
Event: Remedial Action
Additional Information: Remedial Action is planned to begin this summer. Installation and operation of an MPE system is planned.
Start Date: 3/15/2004
End Date: Not reported
Planned Start Date: 8/31/2002
Planned End Date: 12/31/2006
Date Info Last Updated: 4/5/2002
Record Number: 13687

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Facid:	VP9830
Event:	Remedial Action
Additional Information:	dual phase Extraction system operations
Start Date:	3/1/2004
End Date:	Not reported
Planned Start Date:	Not reported
Planned End Date:	12/31/2007
Date Info Last Updated:	1/28/2005
Record Number:	22990
Facid:	VP9830
Event:	Remedial Design
Additional Information:	design of dual phase extraction system
Start Date:	1/1/2002
End Date:	3/31/2004
Planned Start Date:	Not reported
Planned End Date:	11/1/2002
Date Info Last Updated:	12/1/2004
Record Number:	22664
Facid:	VP9830
Event:	Operation and Maintenance
Additional Information:	O&M of remediation system will be needed for several years
Start Date:	3/15/2004
End Date:	Not reported
Planned Start Date:	7/15/2002
Planned End Date:	12/31/2006
Date Info Last Updated:	4/5/2002
Record Number:	13684
Facid:	VP9830
Event:	Operation and Maintenance
Additional Information:	Long -Term Monitoring of indoor air quality and ground water will be needed until clean up goals are met
Start Date:	Not reported
End Date:	Not reported
Planned Start Date:	5/15/2002
Planned End Date:	12/31/2007
Date Info Last Updated:	4/5/2002
Record Number:	13683
Facid:	VP9830
Event:	VIC Program Participation Dates (Start/End)
Additional Information:	None
Start Date:	4/21/1998
End Date:	Not reported
Planned Start Date:	4/21/1998
Planned End Date:	7/1/2006
Date Info Last Updated:	11/4/1999
Record Number:	4303
Facid:	VP9830
Event:	Limited No Action Letter Sent
Additional Information:	No Further Action is the ultimate goal of this project
Start Date:	Not reported
End Date:	Not reported
Planned Start Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number

EPA ID Number

GAS STOP (Continued)

U000280318

Planned End Date: 12/31/2004
Date Info Last Updated: 4/5/2002
Record Number: 13682

Facid: VP9830
GW Receipts Prot by Rem Actn: Not reported
Ecological receptors present: False
Type of ecological receptors: Not reported
Acres of contaminated soil: 0.5
Volume of contaminated soil: 15000
Acres of surface water impacted: Not reported
Acres of wetland impacted: Not reported
Acres of sediment impacted: Not reported
GW Plume Area Acres: 0.75
Cleanup Conducted: True
Acres of Contam Soil remediate: 0
Volume of Soil Cleaned: 0
Municipal wells contam: 0
Dom wells contam: 0
People Impct SW intake contam: Not reported
Drums Revolved from site: Not reported
Yr Soil Remediated: Not reported
Acres of Soil w/ Restrict Access: Not reported
Yr IC remedy complete: Not reported
Yr GW remedy completed: Not reported
Year GWIC completed: Not reported
Acres of wetland of sediment remediated: Not reported
Public financing: True
Assurance help: False
Land use Classfn At Site: Commercial
Land use Vicinity Of Site: Residential
Deed notif Present On Site: False
Restrictive Covenant Present: False
Restrictions: Not reported
GW Pump and Treat Used at site: True
Quaternary Perched: True
Quaternary Water Table: True
Quaternary Confined: False
Cretaceous: False
Plattville: False
St. peter: False
Prairie Duchien: False
Jordan: False
Ironton/Galesville: False
Mt Simon Hinckley: False
Precambrian Undifferentiated: False
Other/Unknown Aquifer: False
Date Info Last Updated: 12/1/2004
Inst Control Info Updated: Not reported
Inst Control Filed Location: Not reported
SW Classification (Primary): Not reported
SW Classification (Secondary): Not reported
Miscellaneous: 10.2.00 (PRS) There is a private residence to the S of the site and a Knights of Columbus Hall to the E of the site where vapor issues may be a concern depending on whether impacted soil and/or GW intercepts the basements and/or is entering the sumps.
SW Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

11
NNE
1/4-1/2
0.485 mi.
2562 ft.

KAR-DU INC
1313 MAIN AVE
MOORHEAD, MN 56560

MN LUST U000280324
MN UST N/A

Relative:
Equal

LUST:

Actual:
906 ft.

Leak ID: 4659
Site ID: 218377
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 217357
Release Discovered Date: 10/03/1991 00:00:00
Leak Reported Date: 10/03/1991 00:00:00
Leak Site: Leak Site - Tank and Petroleum Contamination
File Archive Box: 07
File Archive Lot: 95/356
Soil Digout Date: 10/03/1991 00:00:00
Cubic Yards Excavated: 150
Conditional Closure Date: Not reported
Complete Site Closure Date: 02/06/1992 00:00:00
Contaminated Soils Remaining: No
Enforcement Action Begin Date: 10/21/1991 00:00:00
Lust Trust Eligible: Yes
Offsite Contamination: Unknown
Reimbursement Awarded: No
Std Letter Response Date: Not reported
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 12/04/1999 14:03:46
TMSP Last Update: 02/20/2003 16:16:57
Staff Id Last Update: AMUSCH
Release From AST: No
Release From UST: No
Tank Registration Status Code: F
VPIC Application Date: Not reported
VPIC Acres: Not reported
Addr Id: 275974
Township Name: Riverton
Active Flag: No
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH.
Interest Start Date: 06/02/1993 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Not reported
Soil Gas Data Collected Flag: Not reported
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported
Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAR-DU INC (Continued)

U000280324

Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 217357
Dw Supply Contam: Not reported
Free Product Observed: No
Free Product Thickness: Not reported
Ground Water Contam: No
GW Cleanup Goal: 0
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Ral: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 12/04/1999 14:07:30
TMSP Last Update: 11/04/2003 12:57:07
Staff Id Last Update: RSUCHAN
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: Not reported
Staff Id Ass: Not reported
PWS Well: Not reported
Prot Flag: Not reported
Sens Flag: Not reported

LEAK PRODUCT RELEASED:

MN PCA ID: 217357
Prod Released Sequence Id: 326374
Leak Product: Gasoline Leaded
Tmsp Added: 12/04/1999 14:04:40
Tmsp Last updt: 05/04/2002 09:15:18
Staff Id Last Updt: TANKS
MN PCA ID: 217357
Prod Released Sequence Id: 326815
Leak Product: Gasoline Unleaded
Tmsp Added: 12/04/1999 14:04:42
Tmsp Last updt: 05/04/2002 09:15:18
Staff Id Last Updt: TANKS

UST:

TANK:

MPCA Tank Number: 001
Tank Registration Date: 04/30/1986 00:00:00
Tank Storage Capacity: 8000
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Gasoline
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAR-DU INC (Continued)

U000280324

Piping Cathodic Protection: None
Piping Material: Galvanized steel
Second Contain Tank: Galvanized steel
Second Contain Pipe: Not reported
Tank Dispenser: Suction
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:55
Date Last Updated: 09/24/2008 13:58:20
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 260116
Contractor Number: 606
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 10/04/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:31
Date Last Updated: 05/04/2002 08:01:03
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 001
Above Or Underground: Under Ground
Tank Action ID: 305251
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1968 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:31
Date Last Updated: 05/04/2002 08:01:03
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 001
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 8000

Map ID		MAP FINDINGS			
Direction					
Distance					
Elevation					
Site			Database(s)	EDR ID Number	EPA ID Number

KAR-DU INC (Continued)

U000280324

Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:22
Date Last Updated: 05/04/2002 08:01:03
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 002
Tank Registration Date: 04/30/1986 00:00:00
Tank Storage Capacity: 8000
Tank Dual Use: N
Tank Status: Removed
Tank Stored Product: Gasoline
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: None
Piping Material: Galvanized steel
Second Contain Tank: Galvanized steel
Second Contain Pipe: Not reported
Tank Dispenser: Suction
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:40
Date Last Updated: 09/24/2008 13:58:20
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 252216
Contractor Number: 606

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAR-DU INC (Continued)

U000280324

Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 10/04/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:31
Date Last Updated: 05/04/2002 08:01:03
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 002
Above Or Underground: Under Ground
Tank Action ID: 291933
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1968 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:31
Date Last Updated: 05/04/2002 08:01:03
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

MPCA Tank Number: 002
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 8000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:58:08
Date Last Updated: 05/04/2002 08:01:03
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TANK:

MPCA Tank Number: 003
Tank Registration Date: 04/30/1986 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAR-DU INC (Continued)

U000280324

Tank Storage Capacity: 8000
Tank Dual Use: N
Tank Status: **Removed**
Tank Stored Product: Gasoline
Tank Construction Material: Bare/Paint/Asph Coat Steel
Tank Cathodic Protection: Anode
Piping Cathodic Protection: None
Piping Material: Galvanized steel
Second Contain Tank: Galvanized steel
Second Contain Pipe: Not reported
Tank Dispenser: Suction
Above/ Under Ground: Under Ground
AST Base Material: Not reported
Piping Material Description: Not reported
Unregulated Tank Registration Date: Not reported
Compartmental Tank Flag: Not reported
Heating Product Flag: Unknown
Haz Waste Generator Id: Not reported
Product Replaced Date: Not reported
Sludge Disposal Facility: Not reported
Comments: Not reported
Date Added: 10/10/1999 10:56:25
Date Last Updated: 09/24/2008 13:58:20
Staff Id Who Did The Last Update: RSUCHAN
In Compliance: Yes
Serial Number: Not reported

TANK ACTION:

MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 244390
Contractor Number: 606
Supervisor Number: Not reported
Tank Action: Remove Tank
Action Date: 10/04/1991 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: N
Date Added: 05/05/2000 08:31:31
Date Last Updated: 05/04/2002 08:01:03
Staff Id Who Did The Last Update: TANKS

MPCA Tank Number: 003
Above Or Underground: Under Ground
Tank Action ID: 278742
Contractor Number: Not reported
Supervisor Number: Not reported
Tank Action: Install Tank
Action Date: 01/01/1968 00:00:00
Action Date Unknown: Not reported
Corrosion Expert Name: Not reported
Lab Flag: Not reported
Date Added: 05/05/2000 08:31:31
Date Last Updated: 05/04/2002 08:01:03
Staff Id Who Did The Last Update: TANKS

TANK COMPARTMENT:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAR-DU INC (Continued)

U000280324

MPCA Tank Number: 003
Above Or Underground: Under Ground
Compartment Number: 1
Tank Stored Product Code: 14
Tank Stored Product Desc: GASOLINE
Compartment Cap: 8000
Heating: Unknown
Other Desc: Not reported
Date Added: 10/10/1999 10:57:54
Date Last Updated: 05/04/2002 08:01:03
Staff Id Who Did The Last Update: TANKS

INSTALL REMOVE:

MPCA Tank Number: Not reported
Number of Dispensers: Not reported
Tank Construction Material Code: Not reported
Piping Material: Not reported
Piping Material Desc: Not reported
Total Tank Capacity Quantity: Not reported
Staff Id Who Did The Last Update: Not reported
INSREM Product: Not reported
INSREM Product Description: Not reported
INSREM Action ID: Not reported
INSREM Action: Not reported
Action Completed Date: Not reported
Date Added: Not reported
Date Last Updated: Not reported

TABSITE:

Program Interest Id: 195658
Above Or Underground: Under Ground
Facility Code: 34
Indian Reservation: No
UST Registration Date: 04/30/1986 00:00:00
AST Registration Date: Not reported
Date Added: 07/23/1992 19:11:05
Date Last Updated: 05/23/2003 09:21:01
Staff Id Who Did The Last Update: SYS
Max Monthly Gallons: Not reported
Vapor Recovery Installed: Unknown
Vapor Notify Required: Unknown

LATLONG:

Program Id: Not reported
Latlong ID: Not reported
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Collection Date: Not reported
Latlong Description: Not reported
TMSP Added: Not reported
Date Last Updated: Not reported
Staff Id Last Updated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KAR-DU INC (Continued)

U000280324

Coord Source Type: Not reported
Org Name Source: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional MN_UST: detail in the EDR Site Report.

C12
NNW
1/4-1/2
0.486 mi.
2564 ft.

FURNITURE STORE
900 MAIN AVE
MOORHEAD, MN

MN LUST S107557426
N/A

Site 2 of 2 in cluster C

Relative:
Equal

LUST:

Actual:
906 ft.

Leak ID: 16382
Site ID: 232534
Source: CORE
Facility Addr 2: Not reported
MN PCA ID: 347035
Release Discovered Date: 02/13/2006 00:00:00
Leak Reported Date: 02/15/2006 00:00:00
Leak Site: Both Leak and Property Transfer Site
File Archive Box: Not reported
File Archive Lot: Not reported
Soil Digout Date: Not reported
Cubic Yards Excavated: Not reported
Conditional Closure Date: Not reported
Complete Site Closure Date: 09/05/2006 00:00:00
Contaminated Soils Remaining: Unknown
Enforcement Action Begin Date: 02/28/2006 00:00:00
Lust Trust Eligible: No
Offsite Contamination: Unknown
Reimbursement Awarded: No
Std Letter Response Date: Not reported
Surface Water Impact: Unknown
Utility Project Flag: No
TMSP Added: 02/23/2006 10:43:28
TMSP Last Update: 10/21/2008 17:44:07
Staff Id Last Update: SVANPAT
Release From AST: No
Release From UST: Yes
Tank Registration Status Code: S
VPIC Application Date: Not reported
VPIC Acres: .86
Addr Id: 461727
Township Name: Riverton
Active Flag: Yes
Country Code: USA
Foreign State: Not reported
Foreign Zone: Not reported
State County Code: MN
Interest Type: LS
Interest Phone: NO CORE PI PH
Interest Start Date: 02/23/2006 00:00:00
Interest End Date: Not reported
Vapor Intrusion Checked Flag: Yes
Soil Gas Data Collected Flag: No
Soil Gas Action Level Flag: Not reported
Sub Slab Sample Collected Flag: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FURNITURE STORE (Continued)

S107557426

Indoor Air Collected Flag: Not reported
Vapor Intrusion Action Flag: Not reported
Vapor Intrusion Comments: Not reported
Soil Gas Data Comments: Not reported
Comments: Not reported

LEAK CLEANUP ACTIONS:

MN PCA ID: Not reported
Leak Action Approval Date: Not reported
Leak Action Begin Date: Not reported
Leak Action End Date: Not reported
TMSP Added: Not reported
TMSP Last Update: Not reported
Staff Id Last Update: Not reported

LEAK GW INFO:

MN PCA ID: 347035
Dw Supply Contam: Not reported
Free Product Observed: Not reported
Free Product Thickness: Not reported
Ground Water Contam: Yes
GW Cleanup Goal: Not reported
Gw Exceeds Cleanup Goal: Not reported
Cleanup Goal Achieved: Not reported
Water Supply Exceeds Rat: Not reported
Well Type Code: Not reported
Impacted Aquifer Code: Not reported
TMSP Added: 09/13/2006 14:46:11
TMSP Last Update: 09/13/2006 14:46:11
Staff Id Last Update: MKOPLIT
Mtbe Present Now: Not reported
Mtbe Present Historically: Not reported
Mtbe High Ug Per Liter Char: Not reported
Mtbe High Ug Per Liter Numb: Not reported
Mtbe High Level Date: Not reported
Free Product At Close: No
Staff Id Ass: 5173
PWS Well: N
Prot Flag: No
Sens Flag: No

LEAK PRODUCT RELEASED:

MN PCA ID: 347035
Prod Released Sequence Id: 99766
Leak Product: Fuel Oil 1 and 2
Tmsp Added: 02/23/2006 10:43:28
Tmsp Last_updt: 02/23/2006 10:43:28
Staff Id Last Updt: SLARSEN

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CROOKSTON	S106634928	AMERICAN CRYSTAL SUGAR - SURF IMP	"NORTH OF CSAH 9, ABOUT 1 MILE	56560	MN LS
FARGO	1005416945		5001 HWY 81 N	58102	RCRA-CESQG, FINDS, WI MANIFEST
FARGO	1010323659	MACY'S NORTH - FARGO	3902 13TH AVE S	58103	RCRA-CESQG
FARGO	U004115388	SAMS CLUB #8172	4831 13TH AVE S	58103	ND UST
FARGO	1011457332	GATEWAY SERVICE CENTER	330 MAIN AVE	58103	FINDS
MOORHEAD	1004733997		3301 HWY 10 E	56560	RCRA-CESQG, FINDS
MOORHEAD	1000626391		2727 HWY 10 E	56560	RCRA-NonGen, FINDS, WI MANIFEST
MOORHEAD	1000186042		2525 HWY 10 E		RCRA-NonGen, FINDS
MOORHEAD	1004737173		2809 HWY 10 E	56560	RCRA-CESQG, FINDS
MOORHEAD	S107561409	MN STATE HIGHER EDUCATION CENTER	14TH ST AND 12TH AVE S		MN SPILLS
MOORHEAD	1003871985		15TH AVE E	56560	CERC-NFRAP
MOORHEAD	1010415573	SIMPLOT J R	RT 2	56560	RCRA-NonGen
MOORHEAD	1000205451		1217 HWY 231 S	56560	RCRA-NonGen, FINDS
MOORHEAD	1008881877	MOORHEAD CITY OF - 9TH ST	605TH 9TH ST N & 609 ELM ST S	56560	RCRA-NonGen
MOORHEAD	1000277073		HWY 75 S	56560	RCRA-NonGen, FINDS
MOORHEAD	1005203570	RED RIVER TRAILS	HWY 75 S	56560	MN UST
MOORHEAD	1000285165		HWY 75 N	56560	RCRA-NonGen, FINDS, MN UST
MOORHEAD	1004727357		HWY 75 S	56560	RCRA-NonGen
MOORHEAD	U003974167	BRADYS SERVICE CENTER INC	2404 S 8TH ST	56560	MN UST
MOORHEAD	U004135609	BRADY SERVICE CENTER INC	2404 S 8TH ST	56560	MN UST
MOORHEAD	1004733345		3220 S 8TH ST	56560	RCRA-CESQG, FINDS
MOORHEAD	S106546912	AMOCO FOOD SHOP	104 W 8TH ST	56560	MN LUST
MOORHEAD	1011996218	MSUM STUDENT WELLNESS CENTER - CSW	SEE LOCATION DESCRIPTION	56560	FINDS
MOORHEAD	S108495258	BRADY'S SERVICE CENTER INC	2404 8TH ST S	56560	MN AIRS
MOORHEAD	1004732874		2420 8TH ST	56560	RCRA-NonGen, FINDS
MOORHEAD	S106549098	CLAY COUNTY COURTHOUSE & LAW	807 11TH ST SE	56560	MN LUST
MOORHEAD	S106342928	HOLLANDS DRY CLEANERS	12 4TH ST N	56560	MN LS
MOORHEAD	S106552090	CAMRUD FOSS CONCRETE	3300 8TH ST S	56560	MN LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2010	Source: EPA
Date Data Arrived at EDR: 04/02/2010	Telephone: N/A
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/02/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 07/26/2010
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1 Telephone 617-918-1143	EPA Region 6 Telephone: 214-655-6659
EPA Region 3 Telephone 215-814-5418	EPA Region 7 Telephone: 913-551-7247
EPA Region 4 Telephone 404-562-8033	EPA Region 8 Telephone: 303-312-6774
EPA Region 5 Telephone 312-886-6686	EPA Region 9 Telephone: 415-947-4246
EPA Region 10 Telephone 206-553-8665	

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2010	Source: EPA
Date Data Arrived at EDR: 04/02/2010	Telephone: N/A
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/02/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 07/26/2010
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 03/01/2010
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/31/2010	Source: EPA
Date Data Arrived at EDR: 04/02/2010	Telephone: N/A
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/02/2010
Number of Days to Update: 10	Next Scheduled EDR Contact: 07/26/2010
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010	Source: EPA
Date Data Arrived at EDR: 02/09/2010	Telephone: 703-412-9810
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 03/30/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/12/2010
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realignment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 06/23/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 703-603-8704
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 04/14/2010
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/26/2010
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009	Source: EPA
Date Data Arrived at EDR: 09/02/2009	Telephone: 703-412-9810
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/11/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/11/2009	Source: EPA
Date Data Arrived at EDR: 12/29/2009	Telephone: 800-424-9346
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 02/15/2010
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 01/13/2010
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 04/16/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health

Date of Government Version: 12/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010	Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 03/15/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/20/2010	Telephone: 703-603-0695
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 03/15/2010
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2009	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/22/2010	Telephone: 202-267-2180
Date Made Active in Reports: 02/11/2010	Last EDR Contact: 04/07/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/19/2010
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

MN PLP: Permanent List of Priorities

The list identifies hazardous waste sites where investigation and cleanup are needed, cleanup is underway, or cleanup has been completed and long-term monitoring or maintenance continues.

Date of Government Version: 08/01/2009	Source: Pollution Control Agency
Date Data Arrived at EDR: 12/16/2009	Telephone: 651-296-6139
Date Made Active in Reports: 01/13/2010	Last EDR Contact: 02/15/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

MN SHWS: Superfund Site Information Listing

The SRS database includes all sites that the State Superfund Program is dealing with or has dealt with. The Superfund Program identifies, investigates and determines appropriate cleanup plans for abandoned or uncontrolled hazardous waste sites where a release or potential release of a hazardous substance poses a risk to human health or the environment.

Date of Government Version: 03/09/2010	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 03/12/2010	Telephone: 651-296-6300
Date Made Active in Reports: 03/31/2010	Last EDR Contact: 03/12/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ND SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A	Source: Department of Health
Date Data Arrived at EDR: N/A	Telephone: 701-328-5166
Date Made Active in Reports: N/A	Last EDR Contact: 03/01/2010
Number of Days to Update: 0	Next Scheduled EDR Contact: 06/17/2010
	Data Release Frequency: No Update Planned

State and tribal landfill and/or solid waste disposal site lists

MN SWF/LF: Permitted Solid Waste Disposal Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/01/2010	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 02/16/2010	Telephone: 651-296-7276
Date Made Active in Reports: 03/02/2010	Last EDR Contact: 03/19/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Varies

ND SWF/LF: Solid Waste Landfills/Special Use Landfills

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/01/2010	Source: Department of Health
Date Data Arrived at EDR: 01/22/2010	Telephone: 701-328-5166
Date Made Active in Reports: 02/11/2010	Last EDR Contact: 01/19/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Semi-Annually

MN LCP: Closed Landfills Priority List

The Minnesota Legislature enacted a law to manage and clean up the state's closed Mixed Municipal Solid Waste Landfills. Under that law, the MPCA is required to create and periodically revise a priority list of qualified landfills, based on the relative health and environmental risks they present. The MPCA established the first such priority list in December, 1994.

Date of Government Version: 11/01/2009	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 01/08/2010	Telephone: 651-296-9543
Date Made Active in Reports: 01/26/2010	Source: Pollution Control Agency, GIS Section
Number of Days to Update: 18	Telephone: 651-296-7266
	Last EDR Contact: 03/01/2010
	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Annually

MN UNPERM LF: Unpermitted Facilities

These are facilities that have solid waste disposal yet are not permitted.

Date of Government Version: 02/01/2010	Source: Pollution Control Agency
Date Data Arrived at EDR: 02/16/2010	Telephone: 651-757-2665
Date Made Active in Reports: 03/02/2010	Last EDR Contact: 03/19/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal leaking storage tank lists

MN LUST: Leak Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state

Date of Government Version: 02/01/2010	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 02/16/2010	Telephone: 651-296-6300
Date Made Active in Reports: 03/02/2010	Last EDR Contact: 03/19/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Semi-Annually

ND LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/12/2010	Source: Department of Health
Date Data Arrived at EDR: 01/13/2010	Telephone: 701-328-5166
Date Made Active in Reports: 02/11/2010	Last EDR Contact: 03/08/2010
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/21/2010
	Data Release Frequency: Quarterly

MN LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tanks.

Date of Government Version: 02/01/2010	Source: Pollution Control Agency
Date Data Arrived at EDR: 02/16/2010	Telephone: 651-296-6300
Date Made Active in Reports: 03/02/2010	Last EDR Contact: 03/19/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Semi-Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2009	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/10/2010	Source: EPA Region 4
Date Data Arrived at EDR: 03/16/2010	Telephone: 404-562-8677
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/01/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/03/2010	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 40	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/02/2010	Source: EPA Region 10
Date Data Arrived at EDR: 02/03/2010	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/25/2010	Source: EPA Region 8
Date Data Arrived at EDR: 02/25/2010	Telephone: 303-312-6271
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 03/05/2010	Source: EPA Region 6
Date Data Arrived at EDR: 03/05/2010	Telephone: 214-665-6597
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 38	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 03/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

State and tribal registered storage tank lists

MN UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/01/2010	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 02/16/2010	Telephone: 651-649-5451
Date Made Active in Reports: 03/03/2010	Last EDR Contact: 03/19/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Varies

ND UST: Underground Storage Tank Data
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/12/2010	Source: Department of Health
Date Data Arrived at EDR: 01/13/2010	Telephone: 701-328-5166
Date Made Active in Reports: 02/02/2010	Last EDR Contact: 03/08/2010
Number of Days to Update: 20	Next Scheduled EDR Contact: 06/21/2010
	Data Release Frequency: Quarterly

MN AST: Aboveground Storage Tanks
Registered Aboveground Storage Tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 03/03/2010
Number of Days to Update: 15

Source: Minnesota Pollution Control Agency
Telephone: 651-296-0930
Last EDR Contact: 03/19/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Semi-Annually

ND AST: Aboveground Storage Tank Listing Registered Aboveground Storage Tanks.

Date of Government Version: 02/08/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 03/30/2010
Number of Days to Update: 39

Source: Department of Insurance
Telephone: 701-328-3246
Last EDR Contact: 02/15/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 02/08/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 9

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/25/2010	Source: EPA Region 8
Date Data Arrived at EDR: 02/25/2010	Telephone: 303-312-6137
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 02/01/2010
Number of Days to Update: 76	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/02/2010	Source: EPA Region 10
Date Data Arrived at EDR: 02/03/2010	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 02/17/2010
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 03/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 01/18/2010
Number of Days to Update: 55	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

MN INST CONTROL: Site Remediation Section Database

Sites that have an Institutional Control event.

Date of Government Version: 03/09/2010	Source: Pollution Control Agency
Date Data Arrived at EDR: 03/12/2010	Telephone: 512-296-6300
Date Made Active in Reports: 03/31/2010	Last EDR Contact: 03/12/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MN VIC: Voluntary Investigation and Cleanup Program

Voluntary Investigation and Cleanup (VIC) Program List.

Date of Government Version: 03/09/2010	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 03/12/2010	Telephone: 651-296-7291
Date Made Active in Reports: 03/31/2010	Last EDR Contact: 03/12/2010
Number of Days to Update: 19	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/05/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/19/2010
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

State and tribal Brownfields sites

MN BROWNFIELDS: Petroleum Brownfields Program Sites

Purchasing, selling, or developing property can present a special set of obstacles if the property is contaminated with chemicals. The Petroleum Brownfields Program is one of several programs within the Minnesota Pollution Control Agency (MPCA) designed to help people address these obstacles. The purpose of the Petroleum Brownfields Program is to provide the technical assistance and liability assurance needed to expedite and facilitate the development, transfer, investigation and/or cleanup of property that is contaminated with petroleum.

Date of Government Version: 09/30/2009	Source: Pollution Control Agency
Date Data Arrived at EDR: 03/17/2010	Telephone: 651-296-7999
Date Made Active in Reports: 03/31/2010	Last EDR Contact: 03/04/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Varies

ND BROWNFIELDS: List of Brownfields Sites

The concept of the Brownfields Program is to take contaminated or potentially contaminated, underdeveloped, unproductive property and convert it into productive real estate. Brownfield sites are defined as abandoned, idled or underused industrial or commercial properties whose redevelopment is complicated by real or perceived environmental contamination.

Date of Government Version: 01/01/2010	Source: Department of Health
Date Data Arrived at EDR: 03/03/2010	Telephone: 701-328-5166
Date Made Active in Reports: 03/30/2010	Last EDR Contact: 03/01/2010
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/01/2009
Date Data Arrived at EDR: 11/04/2009
Date Made Active in Reports: 12/16/2009
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/23/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

MN SRS: Site Remediation Section Database

The database contains site information for sites monitored by the Site Remediation Section.

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/12/2010
Date Made Active in Reports: 03/31/2010
Number of Days to Update: 19

Source: Pollution Control Agency
Telephone: 651-282-5988
Last EDR Contact: 09/24/2009
Next Scheduled EDR Contact: 12/28/2009
Data Release Frequency: Quarterly

MN DEL PLP: Delisted Permanent List of Priorities

This generally means that either no more cleanup at a site is needed or that no state superfund funding is needed for long term monitoring activities.

Date of Government Version: 07/23/2009
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 08/19/2009
Number of Days to Update: 12

Source: Pollution Control Agency
Telephone: 651-296-6139
Last EDR Contact: 02/15/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Annually

MN CDL: Clandestine Drug Labs

This data was passively gathered. That is, the DOH asks law enforcement and other agencies to notify them of Clandestine Drug Labs (CDLs). They do not require reporting of events. Therefore the data represents only a subset of all CDLs. This data has not been verified. The DOH has made no attempt to verify that reported CDLs actually occurred. They have no knowledge if the CDL was involved in cooking or just consisted of chemicals associated with Meth production. The reports they receive are that a suspected CDL was seized.

Date of Government Version: 01/11/2010
Date Data Arrived at EDR: 01/12/2010
Date Made Active in Reports: 01/26/2010
Number of Days to Update: 14

Source: Department of Health
Telephone: 651-215-5800
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

ND CDL: Clandestine Drug Lab Location Listing

A listing of clandestine drug lab locations in North Dakota.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 01/07/2010
Number of Days to Update: 9

Source: Bureau of Criminal Investigation
Telephone: 701-795-3590
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/05/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/11/2010	Telephone: 202-564-6023
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 60	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 03/17/2010
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Varies

MN LIENS: Environmental Liens

Sites included in the Site Remediation System Database that have Environmental Liens.

Date of Government Version: 07/06/2006	Source: Pollution Control Agency
Date Data Arrived at EDR: 07/07/2006	Telephone: 602-282-5988
Date Made Active in Reports: 08/14/2006	Last EDR Contact: 03/12/2010
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Quarterly

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2009	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/06/2010	Telephone: 202-366-4555
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 04/07/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/19/2010
	Data Release Frequency: Annually

MN SPILLS: Spills Database

Spills reported to the Pollution Control Agency.

Date of Government Version: 02/01/2010	Source: Minnesota Pollution Control Agency
Date Data Arrived at EDR: 02/16/2010	Telephone: 651-297-8617
Date Made Active in Reports: 03/02/2010	Last EDR Contact: 03/19/2010
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Quarterly

MN AG SPILLS: Department of Agriculture Spills

This data is a list of pesticide/fertilizer incidents reported to have occurred in Minnesota.

Date of Government Version: 02/16/2010	Source: Department of Agriculture
Date Data Arrived at EDR: 02/18/2010	Telephone: 651-297-3997
Date Made Active in Reports: 03/02/2010	Last EDR Contact: 02/15/2010
Number of Days to Update: 12	Next Scheduled EDR Contact: 05/31/2010
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste

Date of Government Version: 01/13/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/15/2010	Telephone: 312-886-6186
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 04/16/2010
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/19/2010
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/09/2010	Telephone: 202-366-4595
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 02/09/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/24/2010
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/19/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/30/2009	Telephone: 202-528-4285
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 03/18/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 08/03/2009	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 10/27/2009	Telephone: Varies
Date Made Active in Reports: 11/09/2009	Last EDR Contact: 04/05/2010
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/19/2010
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/01/2009	Source: EPA
Date Data Arrived at EDR: 12/15/2009	Telephone: 703-416-0223
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 04/02/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009	Source: Department of Energy
Date Data Arrived at EDR: 05/07/2009	Telephone: 505-845-0011
Date Made Active in Reports: 05/08/2009	Last EDR Contact: 01/21/2010
Number of Days to Update: 1	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/17/2009	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 12/08/2009	Telephone: 303-231-5959
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 03/10/2010
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/21/2010
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008	Source: EPA
Date Data Arrived at EDR: 01/13/2010	Telephone: 202-566-0250
Date Made Active in Reports: 02/18/2010	Last EDR Contact: 03/02/2010
Number of Days to Update: 36	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 03/30/2010
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/12/2010
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 03/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 03/01/2010
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/14/2010
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008	Source: EPA
Date Data Arrived at EDR: 01/06/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 02/01/2010
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/17/2010
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/10/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2009	Telephone: 202-564-5088
Date Made Active in Reports: 01/19/2010	Last EDR Contact: 03/29/2010
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/12/2010
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database: PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009	Source: EPA
Date Data Arrived at EDR: 10/21/2009	Telephone: 202-566-0500
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 02/16/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/03/2010
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/24/2009	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 12/31/2009	Telephone: 301-415-7169
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 03/15/2010
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/12/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/13/2010	Telephone: 202-343-9775
Date Made Active in Reports: 02/10/2010	Last EDR Contact: 04/14/2010
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/26/2010
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/19/2009	Source: EPA
Date Data Arrived at EDR: 10/22/2009	Telephone: (312) 353-2000
Date Made Active in Reports: 12/01/2009	Last EDR Contact: 03/15/2010
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/28/2010
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007	Source: EPA/NTIS
Date Data Arrived at EDR: 02/19/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/22/2009	Last EDR Contact: 02/25/2010
Number of Days to Update: 92	Next Scheduled EDR Contact: 06/07/2010
	Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MN LS: List of Sites

The List of Sites includes: Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), No Further Remedial Action Planned (NFRAP), National Priorities List (NPL), Permanent List of Priorities (PLP), sites delisted from the Permanent List of Priorities (DPLP), Hazardous Waste Permit Unit Project Facilities (HW PERM), List of Permitted Solid Waste Facilities (SW PERM), 1980 Metropolitan Area Waste Disposal Site Inventory (METRO), 1980 Statewide Outstate Dump Inventory (ODI), Voluntary and Investigation Program (VIC), and Closed Landfill Sites Undergoing Cleanup (LCP).

Date of Government Version: 04/22/2009
Date Data Arrived at EDR: 07/14/2009
Date Made Active in Reports: 07/24/2009
Number of Days to Update: 10

Source: Minnesota Pollution Control Agency
Telephone: 651-297-2731
Source: Pollution Control Agency, GIS Section
Telephone: 651-297-2731
Last EDR Contact: 10/08/2009
Next Scheduled EDR Contact: 01/11/2010
Data Release Frequency: Semi-Annually

MN BULK: Bulk Facilities Database

Facilities that use bulk pesticides and fertilizers

Date of Government Version: 03/01/2010
Date Data Arrived at EDR: 03/02/2010
Date Made Active in Reports: 03/31/2010
Number of Days to Update: 29

Source: Department of Agriculture
Telephone: 651-297-3997
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Semi-Annually

MN DRYCLEANERS: Registered Drycleaning Facilities

A listing of coin-operated laundries and drycleaning; drycleaning plants, except rug cleaning; and industrial launderers.

Date of Government Version: 12/21/2009
Date Data Arrived at EDR: 12/21/2009
Date Made Active in Reports: 01/13/2010
Number of Days to Update: 23

Source: Pollution Control Agency
Telephone: 651-296-6300
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 07/05/2010
Data Release Frequency: Varies

ND DRYCLEANERS: Drycleaner facilities

A listing of drycleaner facility locations.

Date of Government Version: 09/10/2009
Date Data Arrived at EDR: 09/14/2009
Date Made Active in Reports: 09/30/2009
Number of Days to Update: 16

Source: Department of Health
Telephone: 701-328-5188
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

MN ENFORCEMENT: Generators Associated with Enforcement Logs

Regulatory Compliance, Hazardous Waste Enforcement Log and Hazardous Waste Permit Unit Project Identification List.

Date of Government Version: 10/12/2009
Date Data Arrived at EDR: 10/23/2009
Date Made Active in Reports: 11/04/2009
Number of Days to Update: 12

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8332
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 07/05/2010
Data Release Frequency: Quarterly

MN HWS PERMIT: Active TSD Facilities

Active TSD Facilities.

Date of Government Version: 04/01/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/01/2009
Number of Days to Update: 3

Source: Minnesota Pollution Control Agency
Telephone: 651-297-8470
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/05/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MN AIRS: Permit Contact List

A listing of permitted AIRS facilities.

Date of Government Version: 02/16/2010
Date Data Arrived at EDR: 02/18/2010
Date Made Active in Reports: 03/02/2010
Number of Days to Update: 12

Source: Pollution Control Agency
Telephone: 651-296-7351
Last EDR Contact: 02/15/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Varies

ND AIRS: Permitted Airs Facility Listing

A listing of permitted airs facility locations.

Date of Government Version: 05/23/2007
Date Data Arrived at EDR: 05/24/2007
Date Made Active in Reports: 06/08/2007
Number of Days to Update: 15

Source: Department of Health
Telephone: 701-328-5188
Last EDR Contact: 02/01/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

MN TIER 2: Tier 2 Facility Listing

A listing of facilities which store or manufacture hazardous materials that submit a chemical inventory report.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 03/31/2010
Number of Days to Update: 28

Source: Department of Public Safety
Telephone: 651-296-2233
Last EDR Contact: 02/15/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/19/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/08/2010
Next Scheduled EDR Contact: 05/10/2010
Data Release Frequency: Varies

MN COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 03/16/2010
Date Data Arrived at EDR: 03/17/2010
Date Made Active in Reports: 03/31/2010
Number of Days to Update: 14

Source: Pollution Control Agency
Telephone: 651-757-2740
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Varies

MN MDA LIS: Licensing Information System Database Listing

Information provided lists all individuals or companies who hold licenses, certificates and/or permits required by state law and regulated by the Department. Additionally, the LIS lists all companies who must register products with the Department before being used or sold in commercial channels within our state.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2010
Date Data Arrived at EDR: 03/02/2010
Date Made Active in Reports: 03/31/2010
Number of Days to Update: 29

Source: Department of Agriculture
Telephone: 651-201-6000
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 05/31/2010
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/27/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/19/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/24/2010
Next Scheduled EDR Contact: 05/17/2010
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 02/05/2010
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/20/2010
Next Scheduled EDR Contact: 05/03/2010
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/04/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 03/17/2010
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/11/2010
Next Scheduled EDR Contact: 05/24/2010
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 02/23/2010
Next Scheduled EDR Contact: 06/07/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 11/03/2009
Date Data Arrived at EDR: 02/12/2010
Date Made Active in Reports: 02/22/2010
Number of Days to Update: 10

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 07/17/2009
Date Made Active in Reports: 08/10/2009
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 07/05/2010
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Centers

Source: Department of Human Services

Telephone: 651-296-3971

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

NEWMAN CENTER MSU
707 11TH STREET SOUTH
MOORHEAD, MN 56560

TARGET PROPERTY COORDINATES

Latitude (North):	46.86720 - 46° 52' 1.9"
Longitude (West):	96.7628 - 96° 45' 46.1"
Universal Transverse Mercator:	Zone 14
UTM X (Meters):	670507.9
UTM Y (Meters):	5192618.0
Elevation:	906 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	46096-G7 FARGO SOUTH, ND
Most Recent Revision:	1993
North Map:	46096-H7 FARGO NORTH, ND
Most Recent Revision:	1993
Northeast Map:	46096-H6 DILWORTH, MN
Most Recent Revision:	1976
East Map:	46096-G6 SABIN, MN
Most Recent Revision:	1976

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood</u>
CLAY, MN	<u>Electronic Data</u>
	YES - refer to the Overview Map and Detail Map
<u>Flood Plain Panel at Target Property:</u>	2752440005D - FEMA Q3 Flood data
<u>Additional Panels in search area:</u>	3853640020E - FEMA Q3 Flood data
	3853640030D - FEMA Q3 Flood data
	2752440010D - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
FARGO SOUTH	<u>Data Coverage</u>
	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOWSM

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

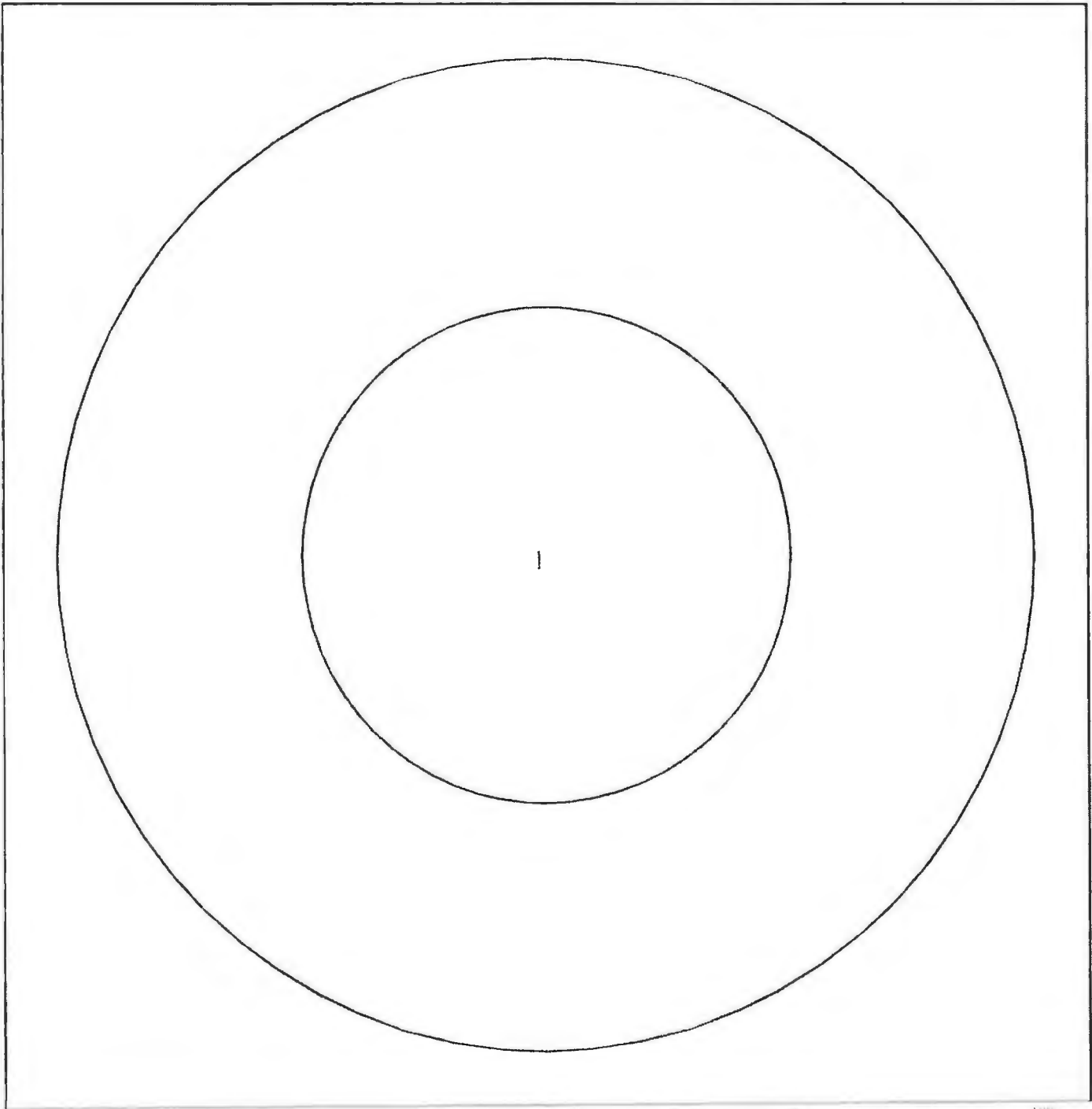
Era:	Precambrian
System:	Precambrian
Series:	W granitic rocks
Code:	Wv (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2748047.2s



Target Property
SSURGO Soil
Water



SITE NAME: Newman Center MSU
ADDRESS: 707 11th Street South
Moorhead MN 56560
LAT/LONG: 46.8672 / 96.7628

CLIENT: Legend Technical Services
CONTACT: Mark Waltz
INQUIRY #: 2748047.2s
DATE: April 16, 2010 6:02 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS2708509	0 - 1/8 Mile NNE
2	USGS2708506	1/8 - 1/4 Mile West
A4	USGS2708405	1/2 - 1 Mile North
A5	USGS2708414	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
6	USGS2708415	1/2 - 1 Mile North
8	USGS2708406	1/2 - 1 Mile NNW
B9	USGS2708625	1/2 - 1 Mile SSW
B10	USGS2708623	1/2 - 1 Mile SSW
11	USGS2708546	1/2 - 1 Mile ENE
12	USGS2708416	1/2 - 1 Mile NNW
C14	USGS2708284	1/2 - 1 Mile NNW
C15	USGS2708283	1/2 - 1 Mile NNW
C16	USGS2708364	1/2 - 1 Mile NNW
D17	USGS2708365	1/2 - 1 Mile NNW
D18	USGS2708366	1/2 - 1 Mile NNW
19	USGS2708649	1/2 - 1 Mile WSW
20	USGS2708404	1/2 - 1 Mile NE
21	USGS2708624	1/2 - 1 Mile SW
22	USGS2708622	1/2 - 1 Mile SE
23	USGS2708608	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

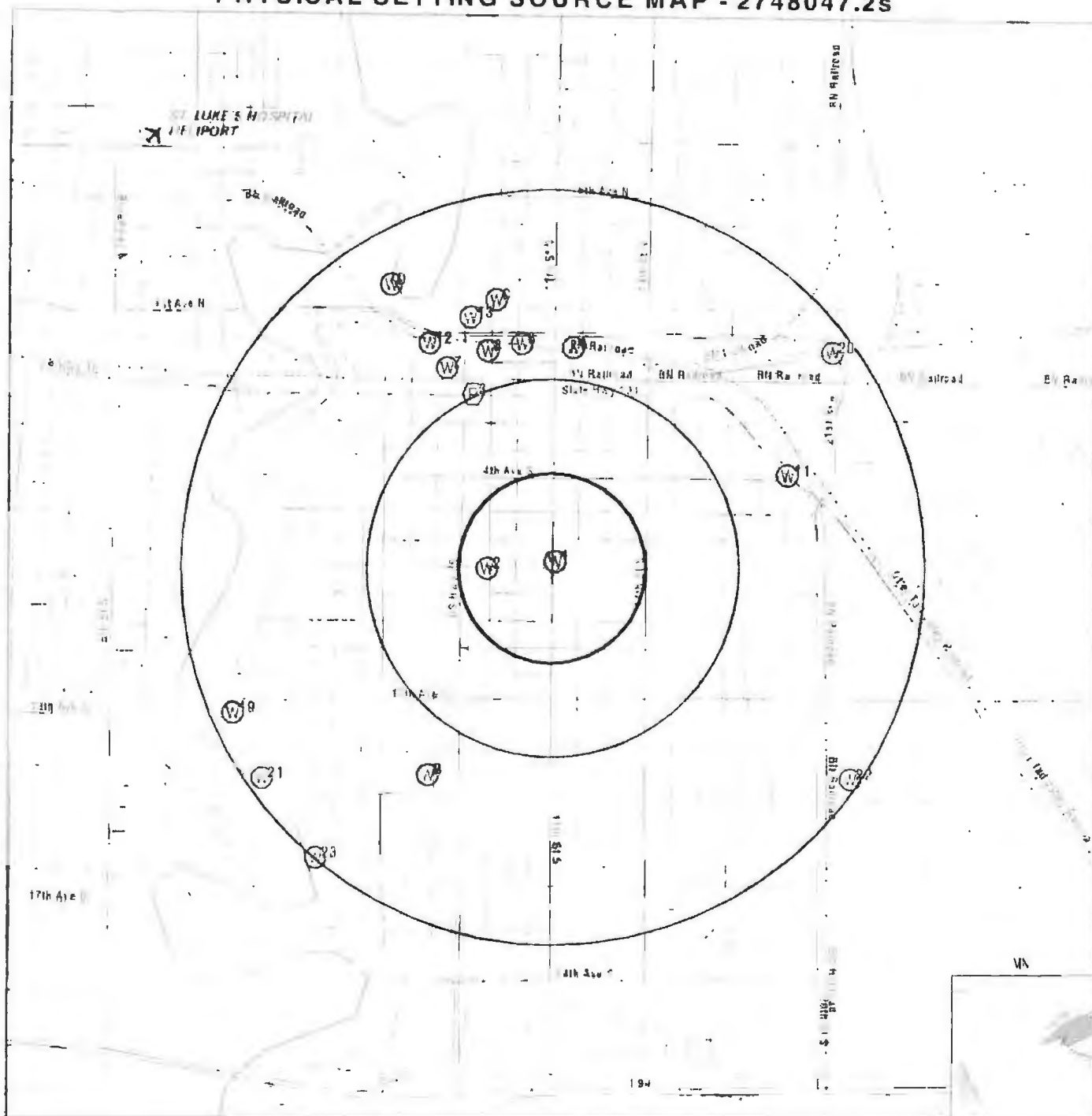
MAP ID	WELL ID	LOCATION FROM TP
3	MN1140013	1/2 - 1 Mile NNW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
7	MN2000000170059	1/2 - 1 Mile NNW
13	MN2000000170166	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 2748047.2s



County Boundary

Major Roads

Contour Lines

Airports

Earthquake epicenter Richter 5 or greater

Water Wells

Public Water Supply Wells

Cluster of Multiple Icons

Groundwater Flow Direction

Indeterminate Groundwater Flow at Location

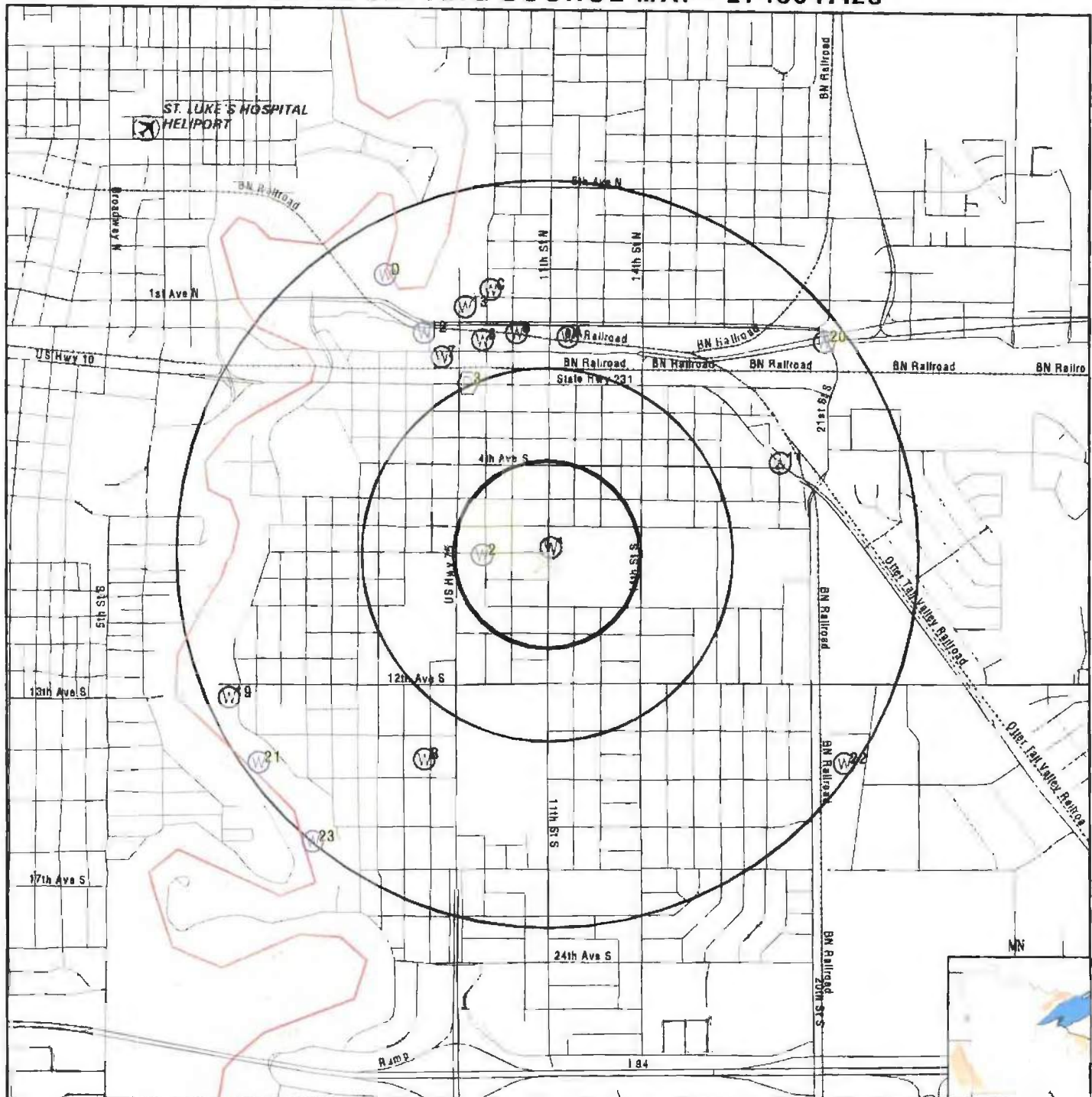
Groundwater Flow Varies at Location

Closest Hydrogeological Data

SITE NAME: Newman Center MSU
ADDRESS: 707 11th Street South
Moorhead MN 56560
LAT/LONG: 46.8672 / 96.7628

CLIENT: Legend Technical Services
CONTACT: Mark Waltz
INQUIRY #: 2748047.2s
DATE: April 16, 2010 6:02 pm

PHYSICAL SETTING SOURCE MAP - 2748047.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data

SITE NAME: Newman Center MSU
 ADDRESS: 707 11th Street South
 Moorhead MN 56560
 LAT/LONG: 46.8672 / 96.7628

CLIENT: Legend Technical Services
 CONTACT: Mark Waltz
 INQUIRY #: 2748047.2s
 DATE: April 16, 2010 6:02 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

NNE
0 - 1/8 Mile
Higher

FED USGS USGS2708509

Agency cd:	USGS	Site no:	465203096454403
Site name:	139N48W08AAB03	EDR Site id:	USGS2708509
Latitude:	465203	Dec lat:	46.86746333
Longitude:	964544	Coor meth:	M
Dec lon:	-96.76258056	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	NWNE8 T139N R48W
Country:	US	Map scale:	24000
Location map:	FARGO NORTH		
Altitude:	910.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	223	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

2

West
1/8 - 1/4 Mile
Higher

FED USGS USGS2708506

Agency cd:	USGS	Site no:	465202096455801
Site name:	139N48W08ABB 01	EDR Site id:	USGS2708506
Latitude:	465202	Dec lat:	46.86718556
Longitude:	964558	Coor meth:	M
Dec lon:	-96.76646972	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	BBAS08 T139N R48W
Country:	US	Map scale:	24000
Location map:	FARGO NORTH		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 910.00
Altitude method: Interpolated from topographic map
Altitude accuracy: 52
Altitude datum: National Geodetic Vertical Datum of 1929
Hydrologic: Upper Red. Minnesota, North Dakota. Area = 594 sq mi.
Topographic: Not Reported
Site type: Ground-water other than Spring Date construction: Not Reported
Date inventoried: Not Reported Mean greenwich time offset: CST
Local standard time flag: Y
Type of ground water site: Single well, other than collector or Ranney type
Aquifer Type: Not Reported
Aquifer: Not Reported
Well depth: 230 Hole depth: Not Reported
Source of depth data: Not Reported
Project number: Not Reported
Real time data flag: Not Reported Daily flow data begin date: Not Reported
Daily flow data end date: Not Reported Daily flow data count: Not Reported
Peak flow data begin date: Not Reported Peak flow data end date: Not Reported
Peak flow data count: Not Reported Water quality data begin date: Not Reported
Water quality data end date: Not Reported Water quality data count: Not Reported
Ground water data begin date: Not Reported Ground water data end date: Not Reported
Ground water data count: Not Reported

Ground-water levels, Number of Measurements: 0

3
NNW
1/2 - 1 Mile
Higher

FRDS PWS MN1140013

PWS ID: MN1140013
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: BRENTWOOD ACRES
ROUTE 3 BOX 135
OAKPORT TOWNSHIP
MOORHEAD, MN 56560

Addressee / Facility: System Owner/Responsible Party
CITY COUNCIL
CITY CLERK
CITY HALL
MOORHEAD, MN 56560

Facility Latitude: 46 52 26 Facility Longitude: 096 46 01
City Served: Not Reported
Treatment Class: Untreated Population: 200

Violations information not reported.

A4
North
1/2 - 1 Mile
Higher

FED USGS USGS2708405

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	465232096454203
Site name:	139N48W08DDD03	EDR Site id:	USGS2708405
Latitude:	465232	Dec lat:	46.87551889
Longitude:	964542	Coor meth:	M
Dec lon:	-96.762025	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	SESESES8 T139N R48W
Country:	US	Map scale:	24000
Location map:	FARGO NORTH		
Altitude:	910.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	198	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A5
North
1/2 - 1 Mile
Higher

FED USGS USGS2708414

Agency cd:	USGS	Site no:	465233096453901
Site name:	139N48W08AAB	EDR Site id:	USGS2708414
Latitude:	465233	Dec lat:	46.87579667
Longitude:	964539	Coor meth:	M
Dec lon:	-96.76119167	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	NWNENES8 T139N R48W
Country:	US	Map scale:	24000
Location map:	FARGO NORTH		
Altitude:	903.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	198	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

6

North
1/2 - 1 Mile
Higher

FED USGS USGS2708415

Agency cd:	USGS	Site no:	465233096455101
Site name:	139N48W08AAA	EDR Site id:	USGS2708415
Latitude:	465233	Dec lat:	46.87579667
Longitude:	964551	Coor meth:	M
Dec lon:	-96.764525	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	NENENES8 T139N R48W
Country:	US	Map scale:	24000
Location map:	FARGO NORTH		
Altitude:	903.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19010101
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	300	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

7
NNW
1/2 - 1 Mile
Higher

MN WELLS MN2000000170059

Relateid:	0000221913	County c:	Clay
Unique no:	00221913	Wellname:	MOORHEAD
Township:	139	Range:	48
Range dir:	W	Section:	8
Subsection:	BAADCD	Mgsquad c:	Fargo South
Elevation:	910		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Test well	Loc mc:	Information from owner
Loc src:	Minnesota Geological Survey	Data src:	MGS
Depth drll:	1901		
Depth comp:	1901		
Date drll:	19880000		
Case diam:	0		
Case depth:	0		
Grout:	U	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19950823		
Strat upd:	19950823		
Strat src:	Minnesota Geological Survey	Strat geol:	Bruce Bloomgren
Strat mc:	Geologic study 1:24k to 1:100k		
Depth2bdrk:	360		
First bdrk:	KREG	Last strat:	Precambrian Crystalline Roc
Ohtopunit:	Not Reported	Ohbotunit:	Not Reported
Aquifer:	Not Reported	Cuttings:	Y
Core:	Not Reported	Bhgeophys:	Not Reported
Geochem:	Not Reported	Waterchem:	Not Reported
Obwell:	Not Reported	Swl:	N
Igwis:	Not Reported	Input src:	Minnesota Geological Survey
Unused:	Not Reported		
Entry date:	19880407		
Updt date:	20020115		
Geoc type:	WW	Gcm code:	A
Geoc src:	MGS	Geoc prg:	CWI
Utme:	212821		
Utmn:	5198156		
Geoc entry:	0		
Geoc date:	19940921		
Geocupd en:	0		
Geocupd da:	0		
Rcvd date:	0		
Well label:	221913	Swlcount:	0
Swldate:	0		
Swlavgmeas:	0		
Swlavgelev:	0		
Site id:	MN2000000170059		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Address Information:

Relateid:	0000221913	Name:	MOORHEAD
Addtype c:	Both	House no:	Not Reported
Street:	Not Reported	Road type:	Not Reported
Road dir:	Not Reported	City:	MOORHEAD
State:	MN	Zipcode:	Not Reported
Entry date:	19880407		
Updt date:	19950823		
Other:	Not Reported		

Construction 1 Information:

Relateid:	0000221913	Drill meth:	Not Reported
Drill fluid:	Not Reported	Hydrofrac:	Not Reported
Hffrom:	Not Reported		
Hfto:	Not Reported		
Case mat:	Not Reported	Case joint:	Not Reported
Case top:	Not Reported		
Drive shoe:	Not Reported	Case type:	Not Reported
Screen:	Not Reported		
Ohftopfeet:	Not Reported		
Ohfbotfeet:	Not Reported		
Screen mfg:	Not Reported	Screen typ:	Not Reported
Ptlss mfg:	Not Reported	Ptlss mdl:	Not Reported
Bsmt offst:	Not Reported	Csg top ok:	U
Csg at grd:	Not Reported	Plstc prot:	Not Reported
Disinfectd:	Not Reported	Pump inst:	Not Reported
Pump date:	Not Reported		
Pump mfg:	Not Reported	Pump model:	Not Reported
Pump hp:	Not Reported		
Pump volts:	Not Reported		
Dropp len:	Not Reported		
Dropp mat:	Not Reported		
Pump cpcty:	Not Reported		
Pump type:	Not Reported	Variance:	Not Reported
Drllr name:	BROTHERS, GRA		
Entry date:	Not Reported		
Updt date:	20020115		

Remarks Information:

Relateid:	0000221913
Seq no:	1
Remarks:	DRILLED TO 1425 FT. IN 1888, LATER DEEPENED TO 1901 FT. M.G.S.

Remarks Information:

Relateid:	0000221913
Seq no:	2
Remarks:	NO.0126.

8
NNW
1/2 - 1 Mile
Higher

FED USGS USGS2708406

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	465232096455802
Site name:	139N48W08AAB02	EDR Site id:	USGS2708406
Latitude:	465232	Dec lat:	46.87551889
Longitude:	964558	Coor meth:	M
Dec lon:	-96.76646944	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	NWNENES8 T139N R48W
Country:	US	Map scale:	24000
Location map:	FARGO NORTH		
Altitude:	910.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	219	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B9
SSW
1/2 - 1 Mile
Higher

FED USGS USGS2708625

Agency cd:	USGS	Site no:	465134096460801
Site name:	139N48W17BBD	EDR Site id:	USGS2708625
Latitude:	465134	Dec lat:	46.85940806
Longitude:	964608	Coor meth:	M
Dec lon:	-96.7692475	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	SENWNWS17 T139N R48W
Country:	US	Map scale:	24000
Location map:	FARGO SOUTH		
Altitude:	907.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650901
Date inventoried:	Not Reported	Mean greenwich time offset:	CST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	123	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1965-09-01	Ground water data end date:	1965-09-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965-09-01	18.00	

B10
SSW
1/2 - 1 Mile
Higher

FED USGS USGS2708623

Agency cd:	USGS	Site no:	465133096461201
Site name:	139N48W17BAA	EDR Site id:	USGS2708623
Latitude:	465133	Dec lat:	46.85913028
Longitude:	964612	Coord meth:	M
Dec lon:	-96.77035861	Latlong datum:	NAD27
Coord accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	NENENWS17 T139N R48W
Country:	US	Map scale:	24000
Location map:	FARGO SOUTH		
Altitude:	900.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19170101
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	133	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1940-07-17	Ground water data end date:	1940-07-17
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1940-07-17	34.00	

1940-07-17 34.00

11
ENE
1/2 - 1 Mile
Higher

FED USGS USGS2708546

Agency cd:	USGS	Site no:	465215096445701
Site name:	139N48W28ABB		
Latitude:	465215	EDR Site id:	USGS2708546
Longitude:	964457	Dec lat:	46.87079639
Dec lon:	-96.74952472	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	027
Country:	US	Land net:	NWNWNE28 T139N R48W
Location map:	SABIN	Map scale:	24000
Altitude:	906.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red, Minnesota, North Dakota. Area = 594 sq mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19210101
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	180	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

12
NNW
1/2 - 1 Mile
Higher

FED USGS USGS2708416

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	465233096461001
Site name:	139N48W08BAA		
Latitude:	465233	EDR Site id:	USGS2708416
Longitude:	964610	Dec lat:	46.87579694
Dec lon:	-96.76980306	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	027
Country:	US	Land net:	NENENWS8 T139N R48W
Location map:	FARGO NORTH	Map scale:	24000
Altitude:	905.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	18890101
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	1901	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

13
NNW
1/2 - 1 Mile
Lower

MN WELLS MN2000000170166

Relateid:	0000221863	County c:	Clay
Unique no:	00221863	Wellname:	USGS FAIRMONT CRMY. W#1
Township:	139	Range:	48
Range dir:	W	Section:	5
Subsection:	CDDDBD	Mgsquad c:	Fargo North
Elevation:	903		
Elev mc:	7.5 minute topographic map (+/- 5 feet)		
Status c:	Active		
Use c:	Commercial	Loc mc:	Other, note in remarks
Loc src:	Minnesota Geological Survey	Data src:	Mccarthy Well Co.
Depth drill:	222		
Depth comp:	222		
Date drill:	19400717		
Case diam:	16		
Case depth:	195		
Grout:	Not Reported	Pollut dst:	0
Pollut dir:	Not Reported	Pollut typ:	Not Reported
Strat date:	19920325		
Strat upd:	20000713		
Strat src:	Minnesota Geological Survey	Strat geol:	SB
Strat mc:	Geologic study 1:24k to 1:100k		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Depth2bdrk: 0
 First bdrk: Not Reported
 Ohtopunit: QUUU
 Aquifer: QUUU
 Core: Not Reported
 Geochem: Not Reported
 Obwell: Not Reported
 Igwis: Not Reported
 Unused: Not Reported
 Entry date: 19880407
 Updt date: 20000713
 Geoc type: WW
 Geoc src: MGS
 Ulme: 212932
 Ulmn: 5198366
 Geoc entry: 0
 Geoc date: 19940921
 Geocupd en: 0
 Geocupd da: 0
 Rcvd date: 0
 Well label: 221863
 Swldate: 0
 Swlavgmeas: 0
 Swlavgelev: 0
 Site id: MN2000000170166

Last strat: Sand
 Ohbotunit: QUUU
 Cuttings: Not Reported
 Bhgeophys: Not Reported
 Waterchem: Not Reported
 Swl: Not Reported
 Input src: Minnesota Geological Survey

Gcm code: A
 Geoc prg: CWI

Swlcount: 0

Address Information:

Relateid: 0000221863
 Addtype c: Both
 Street: 8TH ST.
 Road dir: North
 State: MN
 Entry date: 19880407
 Updt date: 20000713
 Other: Not Reported

Name: USGS FAIRMONT CRMY. W#1
 House no: 101
 Road type: Not Reported
 City: MOORHEAD
 Zipcode: Not Reported

Construction 1 Information:

Relateid: 0000221863
 Drill fluid: Not Reported
 Hffrom: Not Reported
 Hfto: Not Reported
 Case mat: Not Reported
 Case top: 0
 Drive shoe: Not Reported
 Screen: Y
 Ohtopfeet: Not Reported
 Ohbotfeet: Not Reported
 Screen mfg: Not Reported
 Pltss mfg: Not Reported
 Bsmt offst: Not Reported
 Csg at grd: Not Reported
 Disinfectd: Not Reported
 Pump date: Not Reported
 Pump mfg: POMONA
 Pump hp: 20
 Pump volts: Not Reported
 Dropp len: Not Reported

Drill meth: Not Reported
 Hydrofrac: Not Reported

Case joint: Not Reported

Case type: Single casing

Screen typ: Not Reported
 Pltss mdl: Not Reported
 Csg top ok: Not Reported
 Plstc prot: Not Reported
 Pump inst: Y

Pump model: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dropp mat:	Not Reported		
Pump cpty:	150		
Pump type:	Turbine	Variance:	Not Reported
Drill name:	MCCARTHY WELL		
Entry date:	19880407		
Updt date:	20000713		

Construction 2 Information:

Relateid:	0000221863	Constype:	C
From depth:	0		
To depth:	195		
Diameter:	16		
Slot:	Not Reported		
Length:	Not Reported		
Material:	Not Reported		
Amount:	Not Reported		
Units:	Not Reported		

Remarks Information:

Relateid:	0000221863
Seq no:	1
Remarks:	WELL DEEPENED TO 251 FT. MAY 1949

C14

NNW

1/2 - 1 Mile

Lower

FED USGS USGS2708284

Agency cd:	USGS	Site no:	465238096455602
Site name:	139N48W05DCC 02		
Latitude:	465238	EDR Site id:	USGS2708284
Longitude:	964556	Dec lat:	46.87718556
Dec lon:	-96.76591389	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	027
Country:	US	Land net:	CCDS05 T139N R48W
Location map:	FARGO NORTH	Map scale:	24000
Altitude:	903.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19490501
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	230	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		
	Daily flow data begin date:	Not Reported	
	Daily flow data count:	Not Reported	
	Peak flow data end date:	Not Reported	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

C15
 NNW
 1/2 - 1 Mile
 Lower

FED USGS USGS2708283

Agency cd:	USGS	Site no:	465238096455601
Site name:	139N48W05DCC		
Latitude:	465238	EDR Site id:	USGS2708283
Longitude:	964556	Dec lat:	46.87718556
Dec lon:	-96.76591389	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	027
Country:	US	Land net:	SWSWSES5 T139N R48W
Location map:	FARGO NORTH	Map scale:	24000
Altitude:	903.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19490501
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	240	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1949-05-01	Ground water data end date:	1949-05-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1949-05-01	196.00	

C16
 NNW
 1/2 - 1 Mile
 Lower

FED USGS USGS2708364

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	ND009	Site no:	465241096455701
Site name:	139N48W05DCC01		
Latitude:	465241	EDR Site id:	USGS2708364
Longitude:	0964557	Dec lat:	46.87801889
Dec lon:	-96.76619167	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	38	County:	017
Country:	US	Land net:	SWSWSES05 T139N R48W
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	462712700		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1982-08-27	Ground water data end date:	1982-08-27
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1982-08-27	184.60	

D17
NNW
1/2 - 1 Mile
Lower

FED USGS USGS2708365

Agency cd:	USGS	Site no:	465241096461801
Site name:	139N48W05CDC01		
Latitude:	465241	EDR Site id:	USGS2708365
Longitude:	964618	Dec lat:	46.87801917
Dec lon:	-96.77202528	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	027
Country:	US	Land net:	SWSESWS5 T139N R48W
Location map:	FARGO NORTH	Map scale:	24000
Altitude:	900.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19060101
Date inventoried:	Not Reported	Mean greenwich time offset:	CST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	153	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

D18
NNW
 1/2 - 1 Mile
 Lower

FED USGS USGS2708366

Agency cd:	USGS	Site no:	465241096461802
Site name:	139N48W05CDC02		
Latitude:	465241	EDR Site id:	USGS2708366
Longitude:	964618	Dec lat:	46 87801917
Dec lon:	-96 77202528	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	027
Country:	US	Land net:	SWSESWS5 T139N R48W
Location map:	FARGO NORTH	Map scale:	24000
Altitude:	900.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red, Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19180101
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	150	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

19
WSW
1/2 - 1 Mile
Lower

FED USGS USGS2708649

Agency cd:	USGS	Site no:	465142096465001
Site name:	139N48W18AAA	EDR Site id:	USGS2708649
Latitude:	465142	Dec lat:	46.86163056
Longitude:	964650	Coor meth:	M
Dec lon:	-96.78091444	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	NENENES18 T139N R48W
Country:	US	Map scale:	24000
Location map:	FARGO SOUTH		
Altitude:	910.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	162	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

20
NE
1/2 - 1 Mile
Higher

FED USGS USGS2708404

Agency cd:	USGS	Site no:	465232096444801
Site name:	139N48W23DCC	EDR Site id:	USGS2708404
Latitude:	465232	Dec lat:	46.87551861
Longitude:	964448	Coor meth:	M
Dec lon:	-96.74702444	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	SWSWSES23 T139N R48W
Country:	US	Map scale:	24000
Location map:	SABIN		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	905.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19280101
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	100	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

21
SW
1/2 - 1 Mile
Lower

FED USGS USGS2708624

Agency cd:	USGS	Site no:	465133096464401
Site name:	139N48W18AAD	EDR Site id:	USGS2708624
Latitude:	465133	Dec lat:	46.85913056
Longitude:	964644	Coor meth:	M
Dec lon:	-96.77924778	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	SENENES18 T139N R48W
Country:	US	Map scale:	24000
Location map:	FARGO SOUTH		
Altitude:	900.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19460819
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	28.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
Water quality data end date: 0000-00-00
Ground water data begin date: 1946-08-19
Ground water data count: 1

Water quality data begin date: 0000-00-00
Water quality data count: 0
Ground water data end date: 1946-08-19

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1946-08-19	25.00	

22
SE
1/2 - 1 Mile
Higher

FED USGS USGS2708622

Agency cd:	USGS	Site no:	465133096444401
Site name:	139N48W35BBA		
Latitude:	465133	EDR Site id:	USGS2708622
Longitude:	964444	Dec lat:	46.85912972
Dec lon:	-96.74591361	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	27
State:	27	County:	027
Country:	US	Land net:	NENWNWS35 T139N R48W
Location map:	SABIN	Map scale:	24000
Altitude:	915.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	179	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

23
SW
1/2 - 1 Mile
Lower

FED USGS USGS2708608

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	465122096463301
Site name:	139N48W17BCD-2	EDR Site id:	USGS2708608
Latitude:	465122	Dec lat:	46.85607472
Longitude:	964633	Coor meth:	M
Dec lon:	-96.77619222	Latlong datum:	NAD27
Coor accr:	S	District:	27
Dec latlong datum:	NAD83	County:	027
State:	27	Land net:	SESWNWS17 T139N R48W
Country:	US	Map scale:	24000
Location map:	FARGO SOUTH		
Altitude:	898.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	52		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Red. Minnesota, North Dakota. Area = 594 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19400101
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	100	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1944-01-01	Ground water data end date:	1944-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1944-01-01	15.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MN Radon

Radon Test Results

County	Num Sites	< Pci/L	>= 4 Pci/L	% >= 4 Pci/L
CLAY	124	41	83	67%

Federal EPA Radon Zone for CLAY County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 56560

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	4.700 pCi/L	50%	50%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	11.167 pCi/L	17%	83%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7 5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Minnesota Groundwater Database

Source: Minnesota Geological Survey County Water Well Index (CWI)

Telephone: 612-627-4780

OTHER STATE DATABASE INFORMATION

RADON

State Database: MN Radon

Source: Department of Health

Telephone: 651-215-0909

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

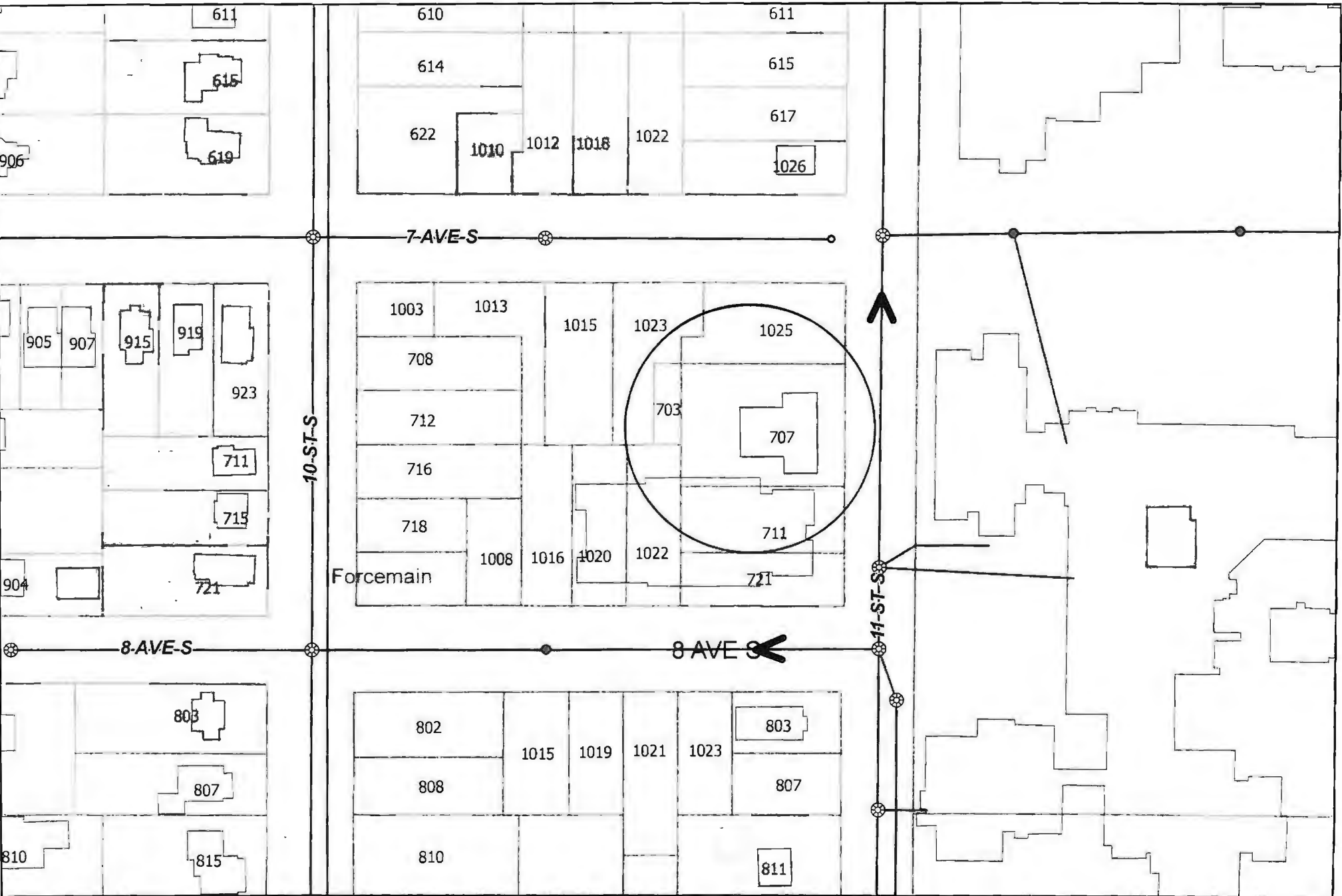
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX 7



CITY OF
MOORHEAD
MINNESOTA

This map is for reference purposes only. It is not a substitute for an accurate field survey. Moorhead, MN is not responsible for any inaccuracies herein contained. This map is in the public domain and may be copied without permission. Creation of the source will be appreciated.

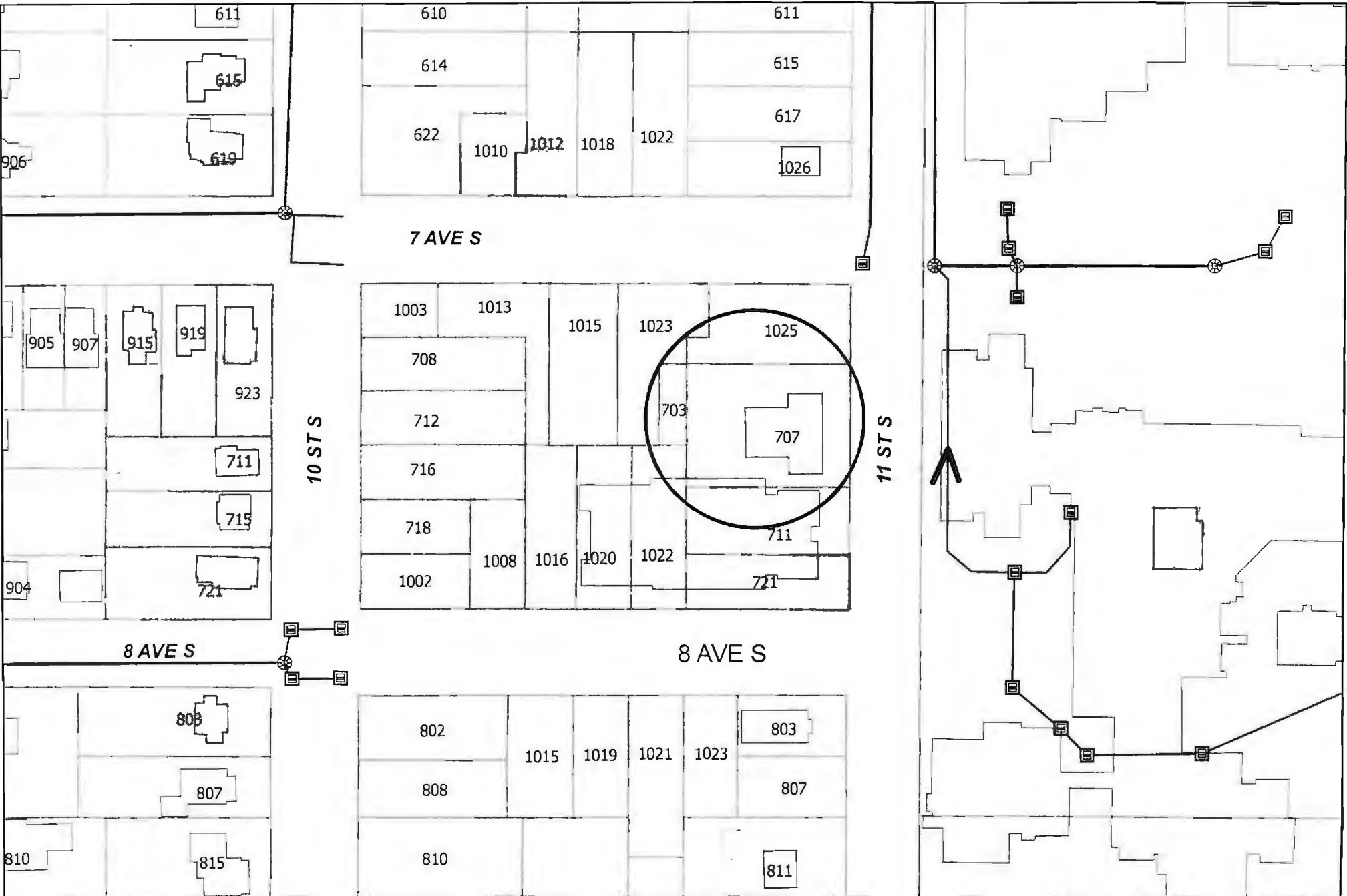
Sanitary Sewer

5/4/2010 12:19:31 PM

0 30 60 120 180 Feet

1 inch = 117 feet

MOORHEAD
MINNESOTA
Geographic Information Systems



CITY OF
MOORHEAD
MINNESOTA

This map is for reference purposes only. It is not a substitute for an accurate field survey. Moorhead, MN is not responsible for any inaccuracies herein contained. This map is in the public domain and may be copied without permission. Citation of the source will be appreciated.

Storm Utilities

5/4/2010 12:15:38 PM

0 30 60 120 180 Feet

1 inch = 117 feet

N
W E
S

MOORHEAD
MINNESOTA

Geographic Information Systems



Search

[Calendar](#)
[Property Information](#)
[Floodplain Info](#)
[Maps](#)
[Employment](#)
[City News](#)



City of Moorhead Property Information Search

CITY OF
MOORHEAD
MINNESOTA

500 CENTER AVENUE, BOX 779, MOORHEAD, MINNESOTA 56561-0779
Administration (218) 299-5166 / Assessor (218) 299-5258

[Special Assessments](#)

[Display Print Version](#)

Property Summary



Quick Links

[Assessor](#)
[Return to Search](#)
[Understanding Property Taxes](#)
[How Assessor Estimates Market Value](#)
[Understanding Assessment and Appeals Process](#)
[FAQs](#)
[Special Assessments](#)
[Property Tax Statement](#)
[Property Tax Estimator](#)
[GIS Map](#)

Parcel Number: 58.296.1180

Primary Address: 707 11TH ST S
MOORHEAD

Owner: ST THOMAS AQUINAS NEWMAN
CEN
707 11TH ST S
MOORHEAD MN 56560

Zoning: Institutional
 Voting Location: Trinity Lutheran Church
 Council Member: Diane Wray Williams / Mark Altenburg
 Precinct: 1

Legal Description: HIGHLAND ADD
 NO 1 Lot-004 Block
 -011 LOTS 4 THRU
 8 LESS S 12' OF
 LOT 8

Property Valuation

Payable Year	Land Value	Building Value	Total Value
2009	\$ 25,400	\$ 585,400	\$ 610,800
2010	\$ 25,400	\$ 585,400	\$ 610,800

Building Information

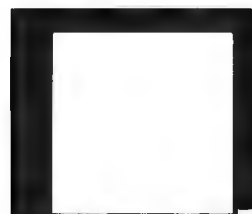
Year Built	Total SF
1950	3,976

Classification:
 EXEMPT CHURCH NON-HOMESTEAD

Land Information

Front	Back	Side 1	Side 2	Total SF
				16,950

Classification
 EXEMPT CHURCH NON-HOMESTEAD



Styles:	<u>Footprint</u> <u>SF</u>	Land Notes
Garage/Carport		

Sales History

No Sales History

Permit History

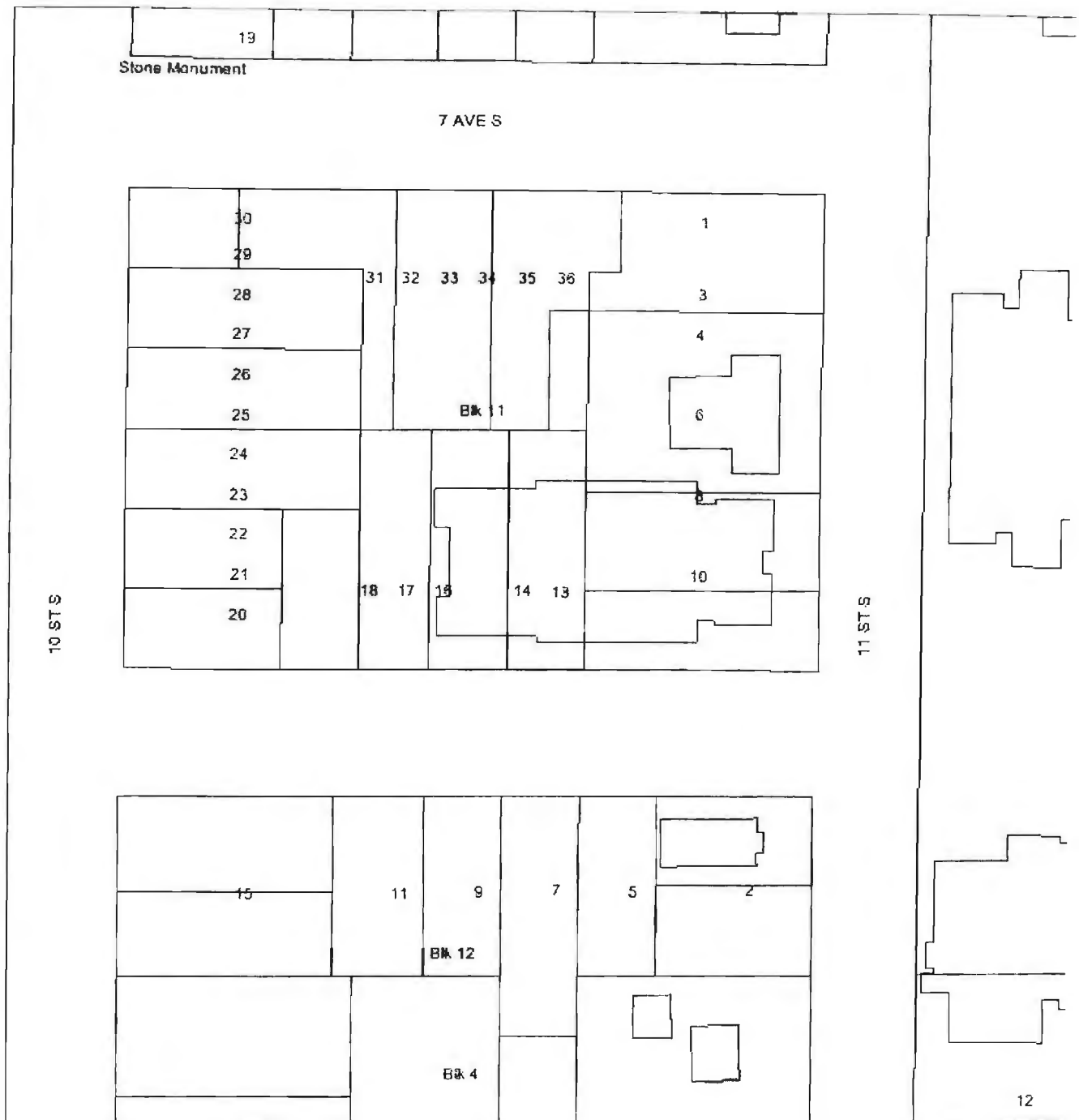
	Date	Permit Number	Description
View	7/08/2005	B16524-05	INSTALL A VERTICAL WHEELCHAIR LIFT TO PROVIDE HANDYCAP ACCESSIBLTY AS PER THE 2003 MINNESOTA STATE BUILDING CODE
View	7/03/2003	ME12470-03	INSTALLING MAJESTIC GAS FIREPLACE 38K BTU
View	7/20/2001	ME11119-01	REPLACE EXISTING 600000 BTU GAS BOILER WITH A MR600 B GAS BOILER. BOILER TO BE INSTALLED ACCORDING TO MINN. STATE AND 91' UNIFORM MECHANICAL CODES.
View	7/25/2000	P07396-00	INSTALL 40 GAL GAS WATER HEATER REPLACEMENT- CHIMNEY O.K. WITH 500 MBH BOILER
View	2/22/1996	B09940-96	INSTALL NEW RUBBER ROOF ON EXISTING BUILDING--NO ALTERATIONS OF ANY HEATING EQUIPMENT.
View	9/24/1992	P03463-92	INSTALL RPZ BACKFLOW PREVENTER FOR BOILER.
View	4/07/1992	P03299-92	MINIMUM PLUMBING FEE - RELINE SEWER
View	11/25/1991	B07173-91	CONSTRUCT WOOD AWNING SHELTERS OVER ENTRANCES ON WEST AND NORTH SIDES OF BUILDING -- ALL REQUIRED YARDS ARE MAINTAINED.

DISCLAIMER

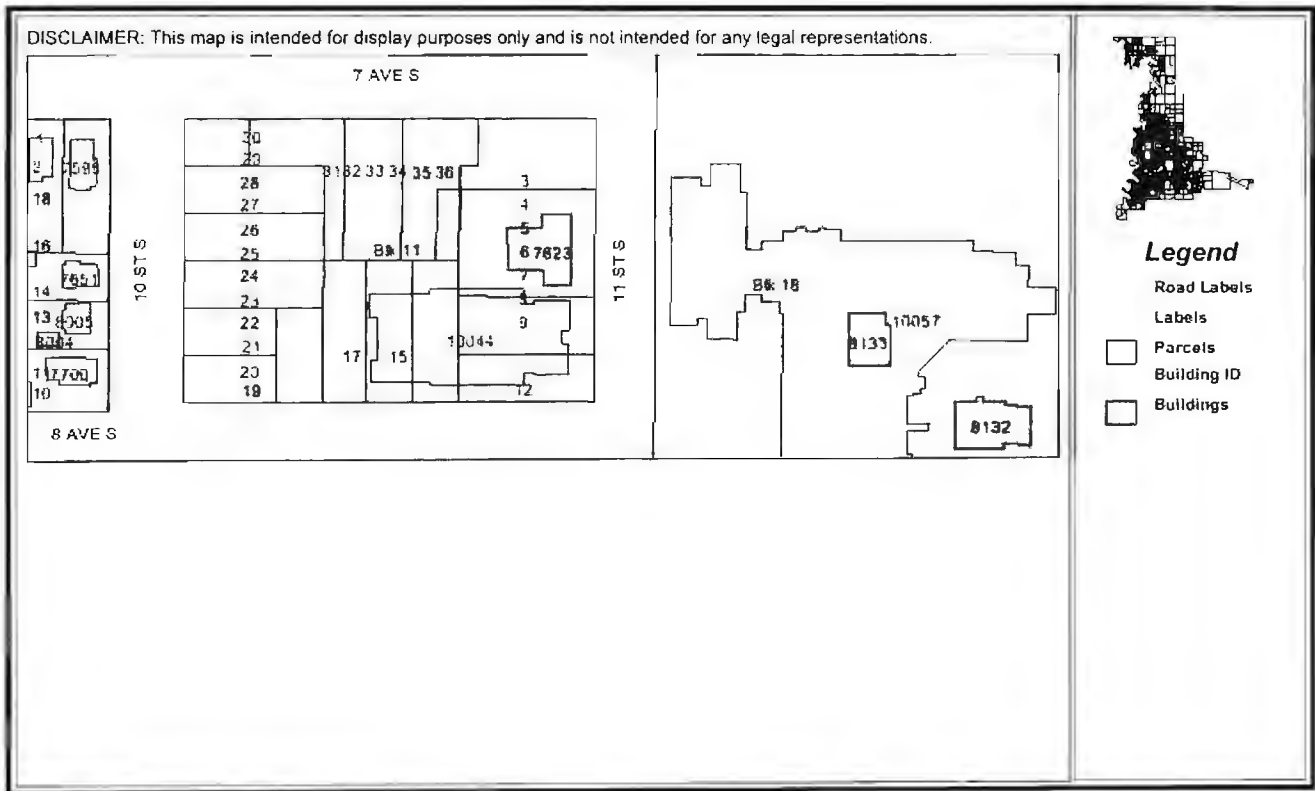
The City of Moorhead has developed the property information web site to display data that comes from the Property Records and Computer Aided Mass Appraisal system. The data is compiled for purposes of estimating fair market value of Real Estate and setting classification for Real Estate tax purposes only. Please do not confuse our data with similar terms that other sectors such as Realtors and financial institutions use.

Every attempt has been made to ensure that the information contained on this web site is valid at the time of publication. The City of Moorhead makes no representation or warranties, either express or implied. Additionally, the City of Moorhead disclaims any and all liability for any damages due to the accuracy, availability, use or misuse of the information herein provided. Any person or entity that relies on any information obtained from this web site does so at his or her own risk.

This web site includes links to other Internet sites that are not controlled by or endorsed by the City of Moorhead. As such, the City of Moorhead takes no responsibility for the content or accuracy of these linked sites.



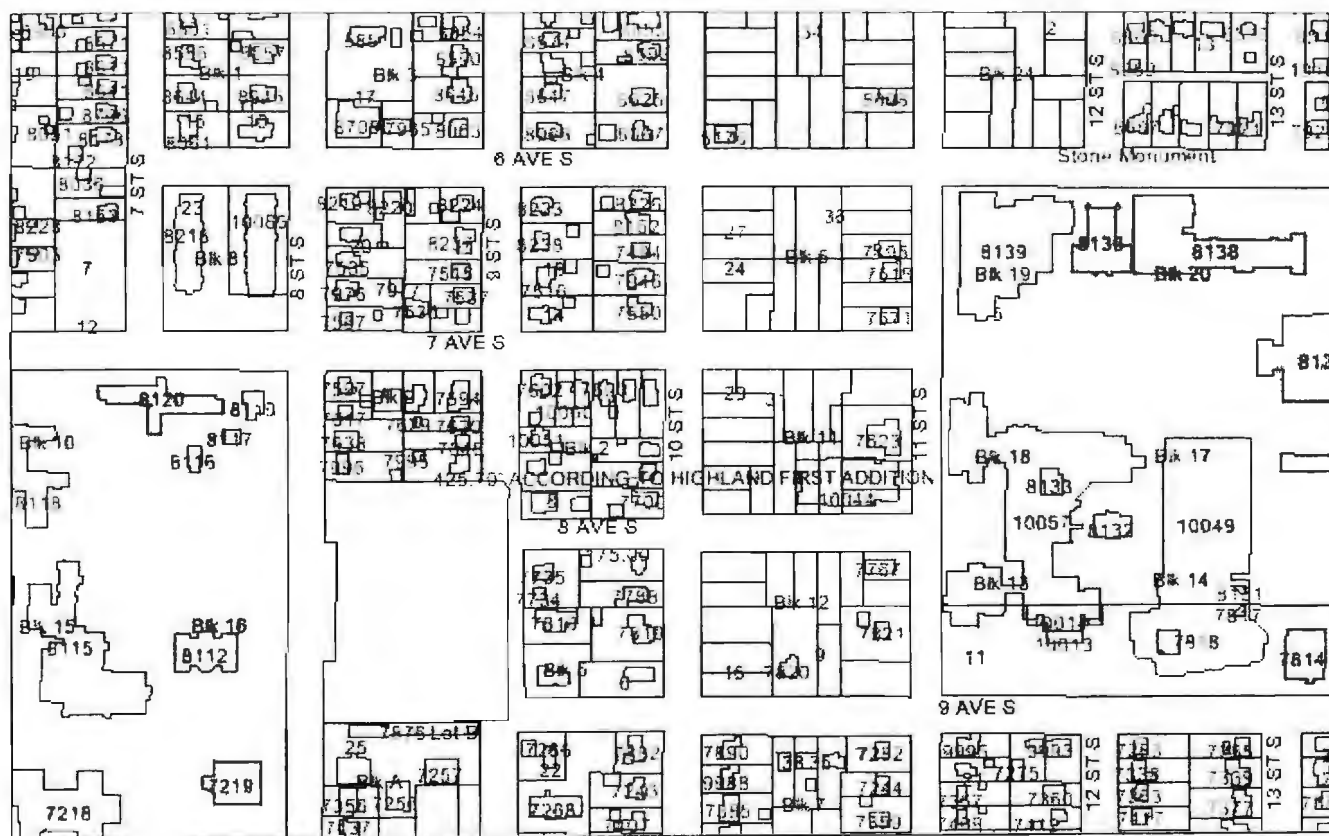
City of Moorhead, MN



New Search

Go to Map

Print



APPENDIX 8

RESUME

Mark H. Waltz

EDUCATION:

- Bachelor of Science, Chemistry Minor, Business Administration, 1981
North Dakota State University, Fargo, ND

SEMINARS/SHORT COURSES:

- HAZMAT - Hazardous Waste Operations, 1989
- NIOSH 582 - Sampling and Evaluating Airborne Asbestos Dust, 1987
- AHERA - Building Inspector and Management Planner, 1989
- AHERA - Practices and Procedures for Contractors/Supervisors/Designers, 1990
- AHERA – Asbestos Project Designer Initial Training Course, 2006
- Soil Moisture/Density Gauge Training, 1994
- Transportation of Hazardous Materials, 1994
- Conducting Indoor Air Quality Investigations, 1994
- EPA - Certified Lead Assessor, 2000, 2006-09 valid to May 2012
- EPA – Certified Lead Supervisor, 2002, 2006-09 valid to May 2012
- EPA – Certified Lead Designer, 2003, 2006-09, valid to May 2012, Refresher – 2007-10
- Lead Hazard Reduction Refresher Training for Risk Assessors 2003 – 2010
- Lead Hazard Reduction Refresher Training for Supervisors, 2003 - 2010
- HAZMAT – Hazardous Waste Operations Refresher Course, 1990 - 2010
- AHERA Building Inspector & Management Planner Refresher Course, 1990-2010
- AHERA Contractor/Supervisor/Designer Refresher Course, 1991 –2010
- XRF Operation and Training, 2001
- DOT & Safety Training for radioactive sources, 2006, 2008
- Reducing Mold & Moisture: Better Design and Building Practices, November 2002
- Certified Microbial Consultant (CMC) Study Review Course, September, 2004, 2007, 2009
- Applied Thermography Training, InfraRed Camera to Detect Moisture & Temperature Differentials, Jan. - 2008

LICENSES/CERTIFICATIONS:

- Certified Microbial Consultant
- Certified Asbestos Air Monitor in North Dakota
- Certified AHERA Building Inspector/Management Planner in North Dakota, Minnesota, South Dakota
- Certified AHERA Contractor/Supervisor in North Dakota, Minnesota, South Dakota
- Certified AHERA Project Designer, Minnesota, North Dakota
- Certified Minnesota Lead Paint Risk Assessor, Project Designer, Supervisor
- Certified North Dakota Lead Paint Risk Assessor, Project Designer, Supervisor
- EPA Region VIII, Tribal, Certified Lead Paint Risk Assessor and Designer
- EPA Region VIII, South Dakota Certified Lead Paint Risk Assessor and Designer

PROFESSIONAL WORK EXPERIENCE:

LEGEND TECHNICAL SERVICES, INC., Fargo, ND. March, 1997 to Present.

Fargo Office Manager - Manages the staff, and sales/marketing activities for the Fargo, ND LEGEND office. Coordinates client relations and assists LEGEND personnel in industrial hygiene activities.

Project Manager responsibilities include identification of lead and asbestos containing materials within buildings, on-site air monitoring, management of lead and asbestos abatement projects, general industrial hygiene surveys, OSHA worker exposure investigations, and Phase I ESAs. Conduct mold investigations, sampling, design mold abatement/removal/cleanup, and conduct mold education seminars. Management duties include proposal preparation, coordinating staff for large projects, report preparation, and quality review.

Marketing responsibilities include sales of LEGEND's industrial hygiene services and analytical chemistry laboratory. Market LEGEND's services to federal, state, county, municipal agencies, environmental consultants, military installations, chemical manufacturers, and industry. Prepare proposals and complete bids for new projects. Assist clientele in understanding laboratory procedures, reporting, analytical methods, and proper sampling techniques.

AGVISE LABORATORIES, Fargo, ND. May, 1995 to January, 1997.

Sales Representative - Responsibilities included sales and support of AGVISE's agriculture/environmental analytical services. Marketed laboratory analyses to federal, state, county, municipal agencies, environmental consultants, military installations, chemical manufacturers, and industry. Prepared proposals and bids. Assisted clientele in understanding laboratory procedures, reporting, analytical methods, and proper sampling techniques. Designed and completed AGVISE's environmental QA/QC manual, fee schedule, and reporting formats. Reviewed federal, state, and client analytical methods to assure standard operating procedures (SOPs) complied. Assisted the laboratory staff in certification of parameters with various state and governmental agencies.

HUNTINGDON ENGINEERING & ENVIRONMENTAL, Fargo, ND. 1987 to 1995.

Environmental Project Manager - Responsibilities included environmental sales, environmental project management, hydrogeologic investigations, groundwater contamination assessments, supervision of site activities, inventory management, project financial management, obtaining subcontractors, and acting as a regulatory agency liaison. Additional responsibilities included development of protocol for assessment, monitoring, and remediation procedures, preparing proposals, and final reports. Conducted indoor air quality investigations of residential, commercial, and industrial buildings. Performed building inspections and reviewed work procedures to develop safe work practices and monitored programs to assure OSHA compliance. Operated small wet chemistry laboratory in 1987 and 1988. Responsible for respirator program including the acquisition of the respirators, employee training, fit testing and recordkeeping. Safety officer for the office.

Industrial Hygienist - Responsibilities include performing air monitoring on asbestos abatement projects. Duties include daily equipment calibration, collection of both personal and area air samples, analysis of air samples by phase contrast microscopy (PCM), documentation of work practices, final visual clearance examination and final aggressive air monitoring. Duties also include asbestos bulk surveys and general industrial hygiene monitoring.

AMES SAND AND GRAVEL, INC., Fargo, ND. 1984 to 1987 and 1978 to 1980.

Truck Driver - Responsibilities included delivering ready mix concrete to construction sites.

B-J HUGHES, INC., Alice, TX and Dickinson, ND. 1981 to 1984.

Lab Analyst - Designed, prepared, and tested cement blends to each oil wells specific conditions; tested oil and production water samples to assure the correct chemical composition for the acidizing and fracturing of wells.

TWIN CITY TESTING CORPORATION, Fargo, ND. 1983.

Engineering Technician - Laboratory testing of construction materials in the field and in the laboratory.

ORGANIZATIONS - American Institute of Architects, American Indoor Air Quality Council

PRESENTATIONS

- Slide Presentation Excavation of 40 Ft. Deep USTs Coated With Asbestos and PCB Tar, Minot Air Force Base Missile Fields, South Dakota 11th Annual Groundwater Quality Conference, March, 1999
- Mold Remediation of Water - Infiltrated, Dirt - Floored Crawlspace, South Dakota 12th Annual Groundwater Quality Conference, -March, 2000
- Lead Paint and it's Impact on Environmental Professionals, South Dakota 13th Annual Groundwater Quality Conference - March 2001
- Why Mold? Why Now? Introduction to the Mold Problem. Speaker at Paul Davis Continuing Education Seminar Getting a Hold on Mold and Mitigation Principles: Restore vs. Replace, Fargo, ND October, 2002.
- Solving Water Intrusion and Mold Problems in North Dakota: Lorman Education Services, Fargo, ND, January 2003 and 2004.
- Asbestos, Lead Paint, Mold Awareness, Speaker at Midwest Operations Seminar & Trade Show, Brainerd, MN, May 2004.
- Ventilation Effectiveness using Infrared Technology, SD 18th Annual Ground Water Quality Conference, 2006.

RESUME

Cheryl A. Sykora, CIH, CSP, CHMM

EDUCATION:

Master of Science - Industrial Hygiene

University of Minnesota, upon completion of one Plan B paper

Bachelor of Science - Chemistry

University of Wisconsin - River Falls, 1974

Seminars - Short Courses:

General

- Metallurgy - University of Minnesota, 1978.
- Epidemiology of Occupational Cancer - University of Minnesota, 1979.
- Liquid Chromatography, Perkin-Elmer, 1980.

Hazardous Waste

- Hazardous Waste Analysis and Handling, 1981.
- Supervisory Training for Hazardous Waste Health and Safety Professionals, AIHA Conference, 1989.
- Establishing a Hazardous Waste Management Program, PDC#5, AIHA Conference, 1991.
- Occupational and Environmental Air Monitoring at Hazardous Waste Sites, PDC #54, AIHA Conference, 1992.

Ventilation Engineering

- Design of Industrial Ventilation System, University of Minnesota, Midwest Research Institute, 1981.
- Indoor Air Quality and HVAC Systems, PDC #13, AIHA Conference, 1993.
- Application of Tracer Gas Techniques to Industrial Hygiene Investigations, PDC #111, AIHA Conference, 1993.
- Removal of Particulate Air Contaminants, PDC #502, AIHA Conference, 1995
- HVAC Systems and Controls, University of Wisconsin - Madison/Extension, August, 1995
- HVAC Commissioning, University of Wisconsin - Madison/Extension, September, 1995
- Air-Conditioning Design-Testing, Adjusting and Balancing, University of Wisconsin - Madison/Extension, Sept, 1996
- Testing, Adjusting and Balancing for Variable Air Volume Systems, University of Wisconsin - Madison/Extension, June, 1997
- Laboratory Building Systems, University of Wisconsin - Madison/Extension, April, 1999
- Application of ANSI/AIHA Z9 Ventilation Standards, PDC#102, AIHCE, 2000

Indoor Air Quality

- Indoor Air Pollution - American Industrial Hygiene Association, Atlanta, Georgia, 1984.
- IAQ Practical Control of Indoor Air Problems - American Society of Heating, Refrigerating and Air Conditioning, Inc. (ASHRAE), 1987.
- Allergy Basics for IAQ Investigators, PDC #202, AIHA Conference, 1995
- Bioaerosols: Health Effects, Exposure Assessment and Control, Univ. of Michigan, 1991.
- Indoor Air Quality Symposium, AIHA Conference, 1997
- Prevention and Mitigation of Microbial Contamination in the Indoor Environment, PDC #120, AIHA Conference, 1997
- International IAQ: Prospective Measurements and Data Interpretation, PDC #415, AIHA Conference, 2001
- Microbial Issues in Hot Humid Climates, PDC#128, AIHA Conference, 2001
- What Industrial Hygienists Need to Know about Building & Construction to Identify and Resolve IEQ Problems, PDC #440, AIHCE 2002
- Environmental Mold Symposium, AIHCE 2003
- IAQ Symposium - IAQ Research, AIHCE 2003
- PDC Advanced Thermal Imaging for Moisture Intrusion Assessment, AIHCE 2006

Asbestos

- Asbestos Removal and Abatement - Environmental Sciences Laboratory, Mount Sinai School of Medicine, New York, 1984.
- AHERA Inspector & Management Planner - Environmental Sciences, Tucson, Arizona, 1989.
- AHERA Re-Certification, Inspector & Management Planner, Midwest Center for Occupational Health & Safety, 1990.

- AHERA Re-Certification, Inspector & Management Planner, Midwest Center for Occupational Health & Safety, 1991.
- AHERA Re-Certification, Inspector & Management Planner, Midwest Center for Occupational Health & Safety, 1992.
- AHERA Re-Certification, Inspector, and Management Planner, Midwest Center for Occupational Health and Safety, 1993.
- AHERA Contractor/Supervisor - Mayhew Environmental Training Associates, Little Canada, MN, 1993.
- AHERA Inspector/Management Planner Refresher, Midwest Center for Occupational Health & Safety, 1994.
- AHERA Contractor/Supervisor Refresher - Lake States Environmental Ltd, 1994
- AHERA Inspector/Mgmt Planner Refresher - Lake States Environmental, May, 1995
- AHERA Asbestos Abatement Designer, Lake States Environmental Ltd, July, 1995
- AHERA Asbestos Abatement Designer Refresher, Lake States Environmental Ltd, July, 1996
- AHERA Asbestos Contractor/Supervisor Refresher, Sept., 1996
- AHERA Asbestos Inspector/Management Planner Refresher, Lake States Environmental Ltd, Feb, 1997
- AHERA Asbestos Contractor/Supervisor Refresher, Lake States Environmental, Sept, 1997
- AHERA Asbestos Designer Refresher, Lake States Environmental, July, 1997
- AHERA Asbestos Inspector/Management Planner Refresher, Lake States Environmental Ltd, Feb, 1998
- AHERA Asbestos Designer Refresher, Lake States Environmental Ltd, July, 1998
- AHERA Asbestos Contractor/Supervisor Refresher, Lake States Environmental, Sept., 1998
- AHERA Asbestos Inspector/Management Planner, Lake States Environmental, March, 1999
- AHERA Asbestos Contractor/Supervisor Refresher, Lake States Environmental, August, 2000
- AHERA Asbestos Designer Refresher, Lake States Environmental, August, 2000
- AHERA Asbestos Inspector/Mgmt Planner/Contractor/Supervisor/Designer Refreshers, August, 2003
- AHERA Asbestos Inspector/Mgmt Planner/Contractor/Supervisor/Designer Refreshers, August, 2004
- AHERA Asbestos Inspector/Mgmt Planner/Contractor/Supervisor/Designer Refreshers, July, 2005, Nov, 2005
- AHERA Asbestos Inspector/Mgmt Planner/Contractor/Supervisor/Designer Refreshers, August 2006
- Industrial Hygiene
- Comprehensive Industrial Hygiene Review - Midwest Center for Occupational Health and Safety, 1987.
- Legal Aspects of Industrial Hygiene, AIHA Conference, 1990.
- Hazard Evaluation and Control of Commercial Isocyanate Products, PDC#60, AIHA Conference, 1991.
- Heat Stress Evaluation, PDC #67, AIHA Conference, 1991.
- Developing and Managing a Medical Surveillance Program, PDC #34, AIHA Conference, 1992.
- Dermal Exposure Assessment, PDC #611, AIHA Conference, 1995
- Train-The-Trainer, Two Day Workshop, PDC 21, 73, AIHA Conference, 1994.
- OSHA Technical Manual Overview, PDC #303, AIHA Conference, 1995
- Noise Control Engineering, PDC, AIHA Conference, 1998
- Managing Detergent Enzymes and Other Allergens in the Workplace, PDC, AIHA Conference, 1998
- Ergonomics: A Practical Approach, PDC #129, AIHCE 2002
- Investigating Incidents and Indicators of Exposure, PDC#424, 6/6/99
- Fire Science for EH&S Professionals, PDC#106, 6/5/99
- PDC 710 Parts 1 & 2, Practical Tools for Modeling of Occupational Exposures, AIHCE 2004
- PDC Machine Guarding, AIHCE 2006
- Lead
- Lead Paint Inspections/Abatement, PDC #23, AIHA Conference, 1992.
- Toxicology
- Intermediate Toxicology, PDC#421, AIHA Conference, 2000

CERTIFICATIONS:

Certified Industrial Hygienist (CIH) - Chemical Aspects, 1987,
Certificate Number 3832 - Recertified 1993. Recertified 2000. Recertified 2005
Certified Sub-Specialty Indoor Environmental Quality - ABIH, 1993.
Certified Safety Professional (CSP) - Comprehensive Practice, 1992,
Certificate Number 11215. Recertified 1998 Recertified 2003
Certified Hazardous Materials Manager (CHMM) – Master Level, 2004
Certificate Number 12788

CERTIFICATIONS:
(continued)

Minnesota Certified Asbestos Abatement Contractor/Supervisor, 1994.
Accredited AHERA Inspector/Management Planner since 1987
Minnesota Certified Asbestos Abatement Designer, 1996
North Dakota Certified Asbestos Abatement Designer, 1997
North Dakota Certified Management Planner, 2003
South Dakota Certified Asbestos Inspector/Mgmt Planner/Designer, 2004

PROFESSIONAL WORK EXPERIENCE:

LEGEND TECHNICAL SERVICES of AZ, INC. (formerly BOLIN LABORATORIES, INC)., Phoenix, Arizona, November 1996 to present.

President – Responsible for overall management of Bolin Laboratories and development of industrial hygiene related services and overall project management of industrial hygiene related services.

LEGEND TECHNICAL SERVICES, INC., St. Paul, Minnesota. July 1991 to present.

President - Responsible for staff and project management for LEGEND TECHNICAL SERVICES, INC. Work includes all aspects of asbestos related work including asbestos surveys, material condition assessment, abatement designs and project management. Work also includes indoor air quality assessments including contaminant investigations, tracer gas testing for ventilation effectiveness, odor migration, microbial assessments, and diagnostic problem solving. Management of field staff. Training personnel in performing indoor air quality assessments in buildings they manage or maintain.

TWIN CITY TESTING CORPORATION, St. Paul, Minnesota. 1985 to 1991.

Manager - Industrial Hygiene Section - Responsibilities include directing and supervising the Industrial Hygiene/Microscopy section which included industrial hygiene, environmental site assessment and all asbestos related work including both field and laboratory work. Management included supervising area supervisors, employee review, assigning responsibilities, prioritizing work and directing the department development.

TWIN CITY TESTING CORPORATION, St. Paul, Minnesota. 1980 to 1985.

Senior Chemist/Industrial Hygienist - Responsibilities included management of chemically oriented special projects for clients including research and development, methods development and problem solving. Industrial hygiene related activities including plant surveys, air monitoring and sample analysis, and health compensation claim investigation. Preparation of reports including interpretation of data and recommendations.

UNIVERSITY OF MINNESOTA, ENVIRONMENTAL HEALTH DEPARTMENT, Minneapolis, Minnesota. 1979 to 1980.

Junior Scientist - Responsibilities included industrial hygiene equipment maintenance, air sampling in conjunction with university industrial hygiene program. Teaching air sampling laboratory in conjunction with industrial hygiene program.

LAND O'LAKES, INC., Minneapolis, Minnesota. 1974 to 1978.

Staff Chemist - Responsibilities included method development, customer quality assurance and generation of product nutritional labeling data.

UNIVERSITY OF WISCONSIN, MILWAUKEE CHEMISTRY DEPARTMENT, Milwaukee, Wisconsin. National Science Foundation. Summer of 1973 - summer internship.

Research Assistant - Conducted research under Dr. J. Going in analytical chemistry involving chelation of

certain metallic ions with a tridentate pyridine based ligand. Stability constants and molar absorptivities were determined for each metallic complex formed.

IOWA STATE UNIVERSITY, Ames, Iowa. National Science Foundation. Summer of 1972 - summer internship.

Research Assistant - Conducted research under Dr. T. J. Barton in organo silane synthesis. Involved a multistep synthesis to produce a cyclic organosilane used in studies to determine the existence of a carbon silicon double bond.

PUBLICATIONS:

- Atlantica Chemica Acta - 1974
- Journal of Cancer Research - 1980
- An Investigation of Microbial Growth in an Elementary School, C.A. Sykora, AIHA 1994 Conference
- An Odor Investigation Conducted in a Building with a Heat Pump HVAC System, C.A. Sykora, W. Welbes, AIHA Conference, 1995

ORGANIZATIONS:

- American Industrial Hygiene Association
- American Board of Industrial Hygiene
- Board of Certified Safety Professionals
- American Society of Safety Engineers
- American Society of Testing and Manufacturing (ASTM)

PRESENTATIONS:

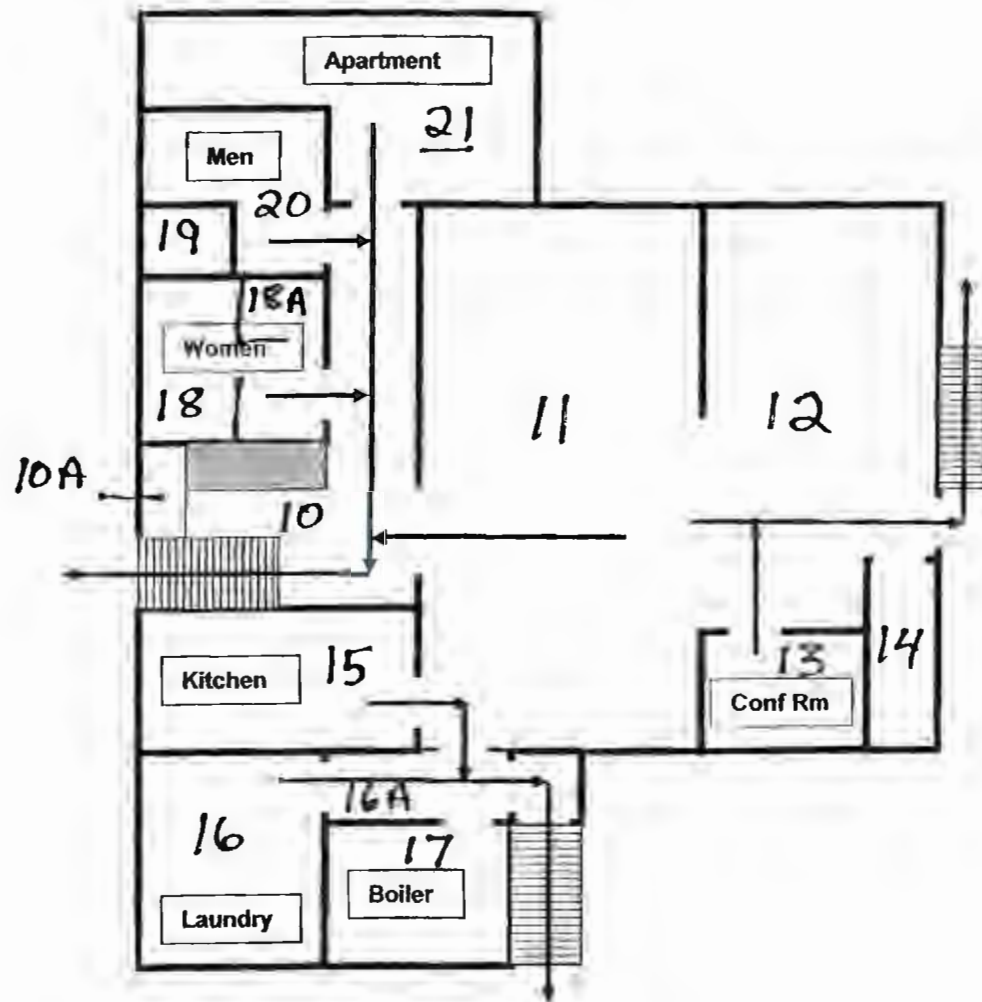
- Why Mold? Why Now?, Minnesota State Bar Association Continuing Legal Education, October, 2002

DEPOSITIONS/TESTIMONY: (Last Seven Years)

- Burnsville-Dakota Business Center Associates, Limited Partnership v. Awoods Rubber Company, 1999
- Western National Mutual Insurance Co v. UND, 1999
- Iverson v. Schulte Homes, 1999
- Charlsen – Naylor Arbitration, 2002
- Brent R. Rice et al v. Keith Traxler d/b/a CCR Homes et al v. Gary Sands et al., 2004
- Picardi v Swanson, 2003
- Wickstrom vs Jasper Development Corp, 2003
- Simms vs. State Farm Insurance, June, 2004 (deposition)
- Lumber Mart vs Dan Romuld, Dec; 2004
- Willmar Unclaimed Freight, Dawn Holms vs American Family Insurance, June, 2005
- Hardy vs Simpson-Dura Vent, August, 2005
- Simms vs State Farm Insurance, June, 2006 (testimony)
- Trips, Inc. vs Yaggy Colby Associates, Inc. et al – Hawthorne/Heritage Suites (deposition), Dec, 2006

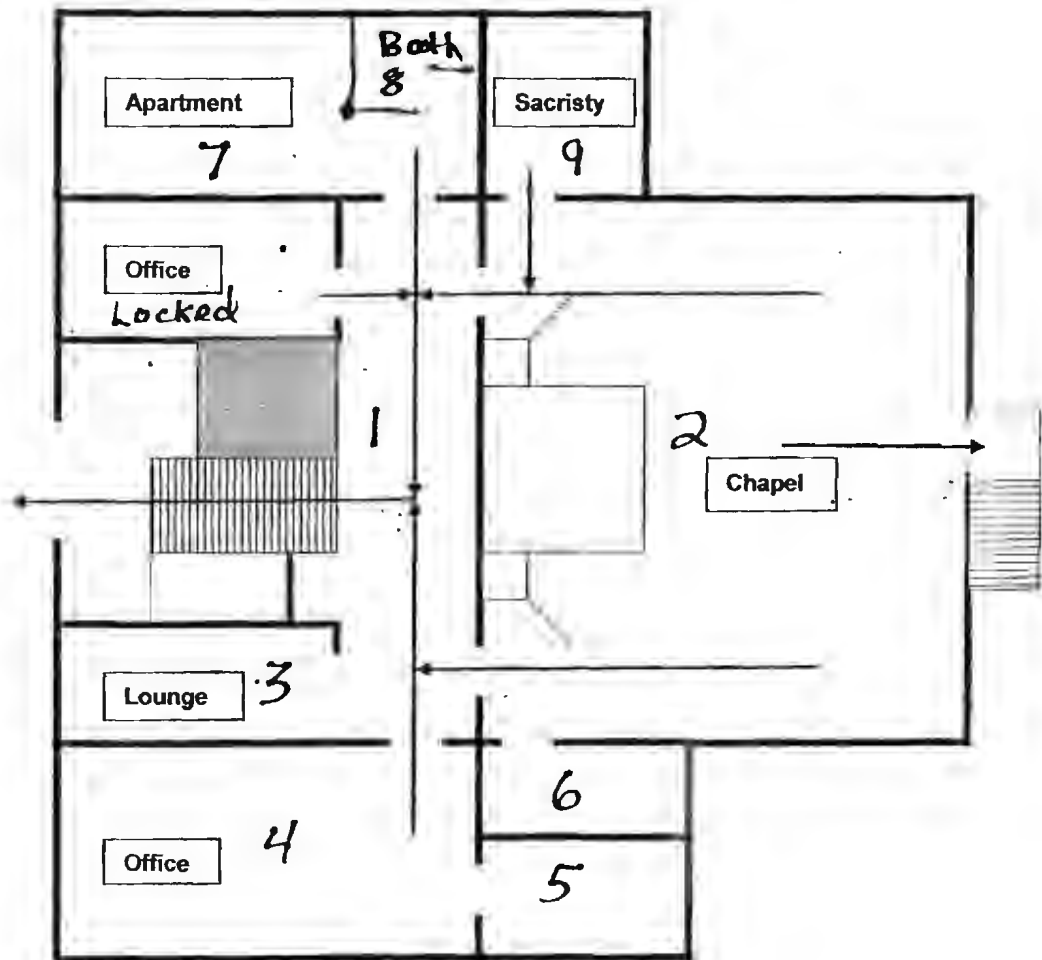
APPENDIX 9

Newman Center Lower Level Evacuation Plan



Room Numbers

Newman Center Upper Level Evacuation Plan



Room Numbers

The following table summarizes the regulated materials identified during the inspection.

LOCATION	MATERIALS	APPROXIMATE QUANTITY
Room 1	Door Closure	2 each
Room 1	Exit Sign	1 each
Room 1	Smoke detector	1 each
Room 1	Thermostat	1 each
Room 1	Carbon Monoxide Detector	1 each
Room 2	Exit signs	3 each
Room 2	Electric Thermostat	1 each
Room 2	Door Closure	5 each
Room 3	Fluorescent Bulbs	12 each
Room 3	Fluorescent Fixture Ballast	6 each
Room 4	Fluorescent Bulbs	12 each
Room 4	Fluorescent Fixture Ballast	6 each
Room 4	Door closer	1 each
Room 5	Door Closure	1 each
Room 5	Fluorescent Bulbs	2 each
Room 5	Fluorescent Fixture Ballast	1 each
Room 6	NONE	
Room 7	Door Closure	1 each
Room 7	Fluorescent Bulbs	8 each
Room 7	Fluorescent Fixture Ballast	4 each
Room 8	Fluorescent Bulbs	8 each
Room 8	NONE	
Room 9	NONE	
Room 10	Exit sign	1 each
Room 10A	Ice Melt	60 lbs
Room 10A	Paint thinner, Deglosser, Degressor	4 cans = 2 gallons
Room 10A	Paint	17 gallons
Room 10A	Wood stain	5 gallons
Room 10A	Sanding sealer	2 gallons
Room 10A	Charcoal lighter fluid	2 qts
Room 10A	Spray paint	2 cans
Room 11	Thermostat, electric	1each
Room 11	Door closures	2 each
Room 11	Fluorescent Bulbs	36 each
Room 11	Exit signs	2 each
Room 11	Smoke detector	1 each
Room 11	Fireplace	1 each
Room 11	Fluorescent Fixture Ballasts	18 each
Room 12	Fluorescent Bulbs	14 each
Room 12	Fluorescent Fixture Ballasts	7 each
Room 12	Exit sign	1 each
Room 12	Door closure	1 each
Room 12	Emergency light	1 each
Room 13	Fluorescent Bulbs	8 each
Room 13	Fluorescent Fixture Ballasts	4 each
Room 14	NONE	
Room 15	Refrigerator	2 each
Room 15	Door closure	1 each

LOCATION	MATERIALS	APPROXIMATE QUANTITY
Room 15	Fluorescent Bulbs	16 each
Room 15	Fluorescent Fixture Ballasts	8 each
Room 16	Door closure	1 each
Room 16	Smoke detector	1 each
Room 16	Fluorescent Bulbs	4 each
Room 16	Fluorescent Fixture Ballasts	2 each
Room 16A hallway	Door closure	1 each
Room 16A	Smoke detector	1 each
Room 16A	Fluorescent Bulbs	2 each
Room 16A	Fluorescent Fixture Ballasts	1 each
Room 17	None	
Room 18	Fluorescent Bulbs	1 each
Room 18	Fluorescent Fixture Ballasts	1 each
Room 18	Door closure	1 each
Room 18A	Box of Fluorescent bulbs	26 each
Room 18A	Many household cleaning items	To be removed by owner
Room 19	Fluorescent Bulbs	1 each
Room 19	Fluorescent Fixture Ballasts	1 each
Room 20	Fluorescent Bulbs	1 each
Room 20	Fluorescent Fixture Ballasts	1 each
Room 20	Door closure	1 each
Room 21	Fluorescent Bulbs	32 each
Room 22	Smoke detector	1 each

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Facid: VP9830
Event: 211
Additional Information: sent letter requesting new RAP
Start Date: Not reported
End Date: Not reported
Planned Start Date: Not reported
Planned End Date: 10/24/2006
Date Info Last Updated: 12/1/2004
Record Number: 22675

Facid: VP9830
Event: 211
Additional Information: RMW letter with PR
Start Date: Not reported
End Date: 5/5/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 5/5/2005
Record Number: 23471

Facid: VP9830
Event: 211
Additional Information: letter sent requesting a revised RAP
Start Date: Not reported
End Date: 10/24/2006
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 11/16/2006
Record Number: 26144

Facid: VP9830
Event: 211
Additional Information: Preliminary Feasibility Study comment letter
Start Date: Not reported
End Date: 2/20/2009
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/25/2009
Record Number: 30045

Facid: VP9830
Event: 211
Additional Information: and request for more work letter
Start Date: Not reported
End Date: 12/24/2003
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 12/26/2003
Record Number: 17830

Facid: VP9830
Event: 211
Additional Information: PCA VIC letter to RP/VP acknowledging 11 19.98 Phase I letter and requesting submittal of a Phase II Investigation Work Plan within 90 days.
Start Date: Not reported
End Date: 8/18/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAS STOP (Continued)

U000280318

Date Info Last Updated: 3/1/2006
Record Number: 24870

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 11/16/2005
End Date: 11/18/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24872

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 12/20/2005
End Date: 12/20/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24873

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 10/17/2004
End Date: 10/19/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24860

Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 12/5/2004
End Date: 12/7/2004
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24861

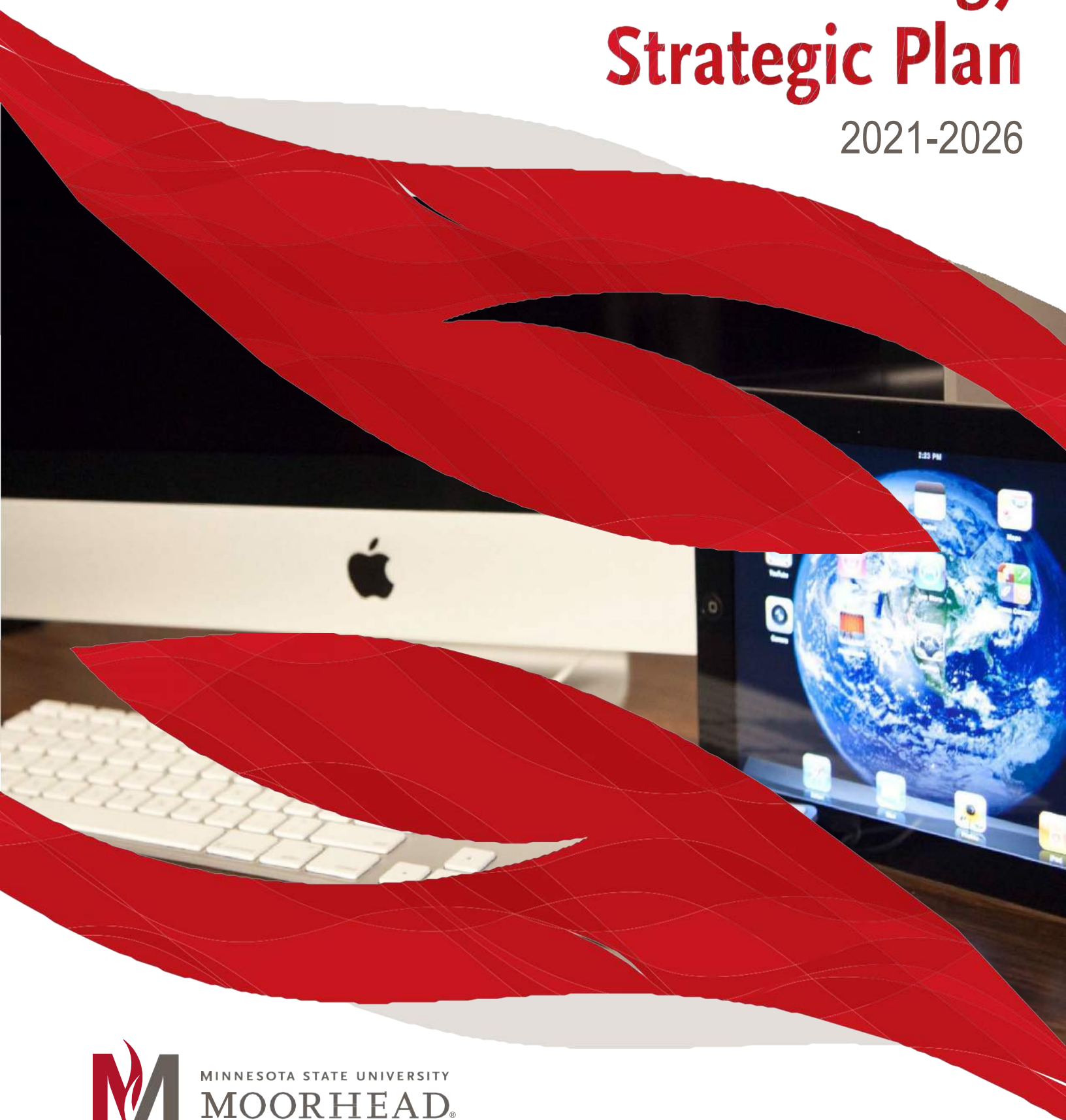
Facid: VP9830
Event: 142
Additional Information: environmental and system monitoring
Start Date: 10/24/2005
End Date: 10/24/2005
Planned Start Date: Not reported
Planned End Date: Not reported
Date Info Last Updated: 3/1/2006
Record Number: 24871

Facid: VP9830
Event: 155
Additional Information: Additional investigation (Phase II) work plan approved, with comments and modifications

APPENDIX D – MSUM IT STRATEGIC PLAN

Information Technology Strategic Plan

2021-2026



MINNESOTA STATE UNIVERSITY
MOORHEAD®

www.mnstate.edu

Minnesota State University Moorhead

Technology Master Plan

2021-2026

Introduction and Background

Higher Education is a distinct enterprise continually reaching out to find leading-edge implementations of information technology to transform the administrative, teaching, research, and service missions of the institution. At Minnesota State University Moorhead, Information and Instructional Technologies are considered essential components to fulfill the mission of the university. It is considered instrumental for improving information exchange, enhancing teaching and learning, and increasing productivity. We recognize that technology is conceptually changing how we conduct business and how we communicate.

Planning for technology is difficult given the changing and evolving landscape of the organization. In addition, we face growing financial challenges as we continue to grow and evolve into an integrated State-wide Higher Education System. However, our university needs to determine strategic goals that shape our tactical plans as we explore, evaluate, select, and implement technology solutions. This Technology Master Plan was developed to align with the strategic goals and initiatives of the university as a whole.

Planning Assumptions

There are several planning assumptions used by the University Technology Committee and Information Technology leadership team as the technology master plan was being developed. A few of those assumptions are as follows:

1. Information Technology is critical to the realization of institutional goals and must be aligned with the mission, core values, strategic vision, and strategic goals of the University.
2. The University is dedicated to supporting an information technology infrastructure that is robust, reliable, and transparent to the end user.
3. University faculty members are ultimately responsible for setting the technology expectations of students in their courses. The departments are responsible for integrating technology into their academic programs as appropriate, and assessing these efforts.
4. The Minnesota State Colleges and Universities (MinnState) System Office (SO) provides and supports the core administrative software applications used by the institution (e.g. Integrated Student Records System (ISRS), Desire to Learn (D2L), Office 365, Degree Audit Reporting (DARS)). Significant campus support is provided for select administrative applications (e.g. Dragon Card, Image Now, Blackboard Analytics).
5. The University embraces training and development to assist students, faculty, and staff with the use and application of information technology.

Priorities

Priority 1 – Engaging Student Learning Environments:

Develop, support, and foster technology enriched student-learning environments, which inspire and teach learners to acquire, apply, and extend knowledge; to think critically; and to solve challenges imaginatively.

Priority 2 – Reliability:

Services can be counted on for consistent consumption. Services perform at a consistently high level.

Priority 3 – IT is Professional:

The University IT Division conducts services and support in a business-like manner that meets the expectations of Faculty, Staff, and Students. Those services are designed to meet at the desired service level of the customer. Students will have the opportunity to engage in real-world IT Business challenges that will help them prepare for their careers.

Priority 4 – Sustainability:

Cost Conscious, Resource Allocation/awareness. The services that we engage in will be implemented in a manner that allows the University to benefit from that service for the longest period of time.

Priority 5 – Emerging Technologies/Development:

We will commit a certain percentage of our resources to development and research into the space of new technologies, so that we continue to remain in line with industry trends and activity. (Pilot projects will have a defined starting and ending point, with the ending point consisting of a decision to halt the project, or to proceed with full/enterprise implementation, including training/development, as well as service and support.

Goals and Outcomes

Priority 1 – Engaging Student Learning Environments:

1. Formulate best practices for student learning environments
2. Provide Digital Literacy competencies training
3. Standardize the experience/training for faculty and students
4. Standardized rubric
5. Create pod casting rooms in the Library
6. Encourage and support technology-enhanced department-initiated course redesign
7. Enhance the support of technology engaging student activities and new forms of communication, feedback, and assessment
8. Implement enhanced methods of accessible delivery of instructional materials
9. Research new and emerging technologies (hardware and software) to improve and enhance teaching and learning
10. Enhance the library capacity to support technology innovation for faculty and students

Priority 2 – Reliability:

1. Enhance WiFi Connectivity and Reliability
2. Diversify a communication strategy, in addition to MSUM email. Chatbot, Social Media, Texting.
3. Develop a plan to increase access to network resources
4. Develop a unified communications strategy
5. Continue enhancements to IT customer support services
6. Improve communications within IT group as well as with the campus community on issues related to IT

Priority 3 – IT is Professional:

1. Apply professional development resources to meet specific university goals and objectives
2. Support the professional development of faculty, staff, and students using practices that are engaging, efficient, and effective
3. Encourage Paseka School of Business faculty to offer workshops on customer service to IT student workers.
4. Provide Campus wide training on Cybersecurity, and Reliable backup and disaster recovery systems.

Priority 4 – Sustainability:

1. Leverage corporate partnerships
2. Educate and make aware of campus Core Tools
3. Balance "Core" vs "specialized" resources and tools.
4. Validate inventory of systems and services used.
5. Document prioritization process
6. Evaluate central and departmental services

Priority 5 – Emerging Technologies/Development:

1. Equitable access to wifi and personal devices
2. Provide a path for Open Educational Resources usage
3. Continued education for students, staff, faculty using core (D2L, Kaltura, Zoom, MS 365) digital toolsets (Digital Literacy for all) and a rubric for knowing how we're doing
4. Consolidate Online Learning resources
5. Provide additional opportunities for Virtual reality, and augmented reality
6. Establish a Makerspace (VR, 3D printing, Podcasting, video production, electronic publishing, computational thinking w. robotics, electrical engineering, sensors/cameras for data production/mining)
7. Research and provide a plan for Digital Humanities
8. Enhance Digital accessibility for inclusivity – increased access and availability
9. Communicate a transparent process for funding & supporting tools that might be department specific
10. Create an Accessibility checklist for procuring digital technologies
11. Research innovative technologies
12. Enhance community outreach and involvement with innovative emerging technologies