# Downtown Duluth AUAR Scoping Environmental Assessment Worksheet

Responsible Governmental Unit: City of Duluth

**Proposer: City of Duluth** 



Prepared for: City of Duluth

Prepared by:

Stantec Consulting Services Inc.

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Project/File: 227708309

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# December 2022 version

# **Environmental Assessment Worksheet**

This most recent Environmental Assessment Worksheet (EAW) form and guidance documents are available at the Environmental Quality Board's website at: https://www.eqb.state.mn.us/ .The EAW form provides information about a Project that may have the potential for significant environmental effects. Guidance documents provide additional detail and links to resources for completing the EAW form.

#### Introduction

An Alternative Urban Areawide Review (AUAR) is an alternative to an Environmental Impact Statement (EIS) that responds to the items in the EAW form to the level of analysis similar to an EIS. Minnesota Rules Chapter 4410.3610, subp. 4 states that "the content and format [of an AUAR document] must be similar to that of an EAW but must provide for a level of analysis comparable to that of an EIS for impacts typical of urban residential, commercial warehousing, and light industrial development and associated infrastructure."

An AUAR consists of three steps: Scoping EAW, Draft AUAR and Final AUAR. The Scoping EAW describes issues to be studied in the AUAR and potential data sources to be used in this analysis. The purpose of the Scoping EAW is to provide information to agencies and the public on the proposed scope of the AUAR and to invite feedback on any additional analysis or data sources that should be included in the AUAR. Once the Scoping EAW process and comment period has been completed, a Draft AUAR is prepared that reflects the comments received.

The revised EAW form (December 2022 version) was used to conduct and document this scoping EAW for the Downtown Duluth AUAR. The twenty-two items in the EAW form provide information about the proposed development scenarios within the AUAR area, existing conditions, existing plans, potential issues to explore through the AUAR process, and specific methodologies for special studies that will be conducted for the AUAR (i.e., the scope of the Traffic Impact Study). The EAW and AUAR Guidelines provide additional details and resources for completing the EAW form for an AUAR and conducting the AUAR review process.

Cumulative potential effects can either be addressed under each applicable EAW Item or can be addressed collectively under EAW Item 21.

Note to reviewers: Comments must be submitted to the RGU during the 30-day comment period following notice of the EAW in the EQB Monitor. Comments should address the accuracy and completeness of information. potential impacts that warrant further investigation and the need for an EIS.

#### 1. Project Title

Downtown Duluth Alternative Urban Areawide Review (AUAR)

# 2. Proposer

Proposer: City of Duluth Contact person: Tricia Hobbs Title: Executive Director.

Duluth Economic Development Authority (DEDA)

411 W. 1st Street Address: City, State, ZIP: Duluth. MN 55802 Phone: (218) 730-5322

thobbs@duluthmn.gov Email:

#### 3. Responsible Governmental Unit (RGU)

RGU Agency: City of Duluth
Contact person: Jenn Moses, AICP
Title: Planning Manager

Address: Planning and Development Division

411 W. 1st Street, Room 160

City, State, ZIP: Duluth, MN 55802 Phone: (218) 730-5328

Email: <u>jmoses@DuluthMN.gov</u>

# 4. Reason for EAW Preparation

Required:	Discretionary:
X EIS Scoping (AUAR)	☐ Citizen petition
□ Mandatory EAW	☐ RGU discretion
	□ Proposer initiated

If EAW or EIS is mandatory give EQB rule category subpart number(s) and name(s):

Minnesota Rules 4410.3610, Subpart 1 allow for eligible projects to be reviewed through the AUAR procedures instead of the EAW and EIS procedures. Pursuant to Minnesota Rules Chapter 4410.3610, Subpart 5a additional procedures are required when certain large specific projects are reviewed. This Scoping EAW has been prepared in accordance with these procedures to guide the Draft AUAR. Minnesota Rules Chapter 4410.4300 Subpart 32 and 4410.4400 Subpart 21 pertain to the Development Scenario B (Maximum Development Scenario).

#### 5. Project Location

County: Saint Louis
City/Township: Duluth

PLS Location (1/4, 1/4, Section, Township, Range): Township 50 North, Range 14 West, Section 22, 23, 27, 34

Watershed (81 major watershed scale): St. Louis River and Lake Superior - South

GPS Coordinates: Latitude 46.790583, Longitude -92.095905

Tax Parcel Number: Appendix A provides a list of parcels within each of the four AUAR subareas.

# At a minimum attach each of the following to the EAW:

County map showing the general location of the Project;

#### See Figure 1 and Figure 2, Appendix B

 U.S. Geological Survey 7.5 minute, 1:24,000 scale map indicating Project boundaries (photocopy acceptable); and

#### See Figure 1, Appendix B

 Site plans showing all significant Project and natural features. Pre-construction site plan and postconstruction site plan.

#### See Exhibits 1 and 2 (development scenarios) and Lot D Concept Plan in Appendix C

• List of data sources, models, and other resources (from the Item-by-Item Guidance: *Climate Adaptation and Resilience* or other) used for information about current Minnesota climate trends and how climate change is anticipated to affect the general location of the Project during the life of the Project (as detailed below in item 7. Climate Adaptation and Resilience).

#### See data sources provided in Item 7 of this document.

#### 6. Project Description

a. Provide the brief Project summary to be published in the EQB Monitor, (approximately 50 words).

The City of Duluth is preparing an AUAR for an approximately 335 acre area encompassing the traditional downtown, Essentia Health Medical Campus and surrounding Hillside neighborhood, as well as the proposed "Lot D" development in the Bayfront area. The purpose of this AUAR is to prepare for infill or redevelopment of key sites within this broader area. Two development scenarios will be evaluated as part of the AUAR which include an existing conditions scenario and a maximum redevelopment scenario consistent with the City's adopted Comprehensive Plan.

b. Give a complete description of the proposed Project and related new construction, including infrastructure needs. If the Project is an expansion include a description of the existing facility. Emphasize: 1) construction, operation methods and features that will cause physical manipulation of the environment or will produce wastes, 2) modifications to existing equipment or industrial processes, 3) significant demolition, removal or remodeling of existing structures, and 4) timing and duration of construction activities

#### **Existing Conditions**

The AUAR area is an urban environment within the City of Duluth, St. Louis County, Minnesota, consisting of a traditional downtown commercial and business district (East and West Superior Street), a medical campus (Essentia), and some high-density residential areas with local streets and sidewalks, as well as an interstate highway corridor and railroad. The AUAR area includes businesses focused on hospitality such as restaurants, bars, hotels, and shopping. Some sections of the AUAR area remain undeveloped due to the discontinuation and removal of previous commercial and light industrial activities. The natural environment primarily features landscaped vegetation with limited lawn space or mature trees, except for the approximately two miles of the Lake Superior shoreline, which functions as a seaport within the Great Lakes Region.

#### **Proposed Project**

#### Proposed AUAR Development Scenarios

Two development scenarios will be considered as part of the AUAR which include one scenario that encompasses the existing conditions as a comparison to the maximum development scenario which is consistent with the growth planned for in the City's adopted Comprehensive Plan (Imagine Duluth 2035 – Forward Together¹). The maximum development scenario plans generally for mixed use redevelopment of key sites within the broader downtown area.

The purpose of the AUAR is to help the City adequately plan for this redevelopment and provide a mitigation plan for how the City and future developers will manage the environmental impacts. The City initiated this AUAR in anticipation that the downtown area could see significant infill and redevelopment within the coming years, including areas that are within the City's shoreland area and would require environmental review and sensitivity. The AUAR is meant to plan for this development in a holistic manner, understanding that there are environmental benefits of development within an already dense urban area, and that environmental impacts are not contained to one site but rather are best studied and mitigated with a broader lens.

The City has elected to designate subareas within the broader AUAR area to facilitate the process of studying and planning mitigation for 335 acres of the City's urban core, which is comprised of many different uses and forms of development. The four subareas include:

<sup>&</sup>lt;sup>1</sup> City of Duluth. Imagine Duluth 2035 – Forward Together. Adopted June 25, 2018. https://duluthmn.gov/media/rtgk5tin/imagine-duluth-2035-combined\_website\_temp.pdf

- Lot D Subarea (500-1000 Railroad Street in the Bayfront District)
- 1st Street Subarea (generally bounded by 2nd Street to the north, 3rd Avenue East to the east, Interstate 35 (I-35) to the south, Mesaba Avenue to the west)
- Essentia Subarea (generally bounded by 5<sup>th</sup> Street to the north, 7<sup>th</sup> Avenue East to the east, I-35 to the south and 3<sup>rd</sup> Avenue E to the west)
- Secondary Subarea (generally bounded by 5<sup>th</sup> Street to the north, 14<sup>th</sup> Avenue East to the east, London Road to the south and 7<sup>th</sup> Avenue East to the west)

These subarea boundaries are shown in Exhibit 1 and Exhibit 2 below.

#### Development Scenario A: Existing Conditions

Exhibit 1 depicts Development Scenario A. The following paragraphs describe the existing conditions for the four subareas. Table 1 identifies existing building area assumptions for Development Scenario A based on available parcel data.

#### Lot D Subarea

The Lot D subarea was historically a light industrial site, with its most notable past use as a manufacturing and cold storage facility. Today, the site is the last piece of undeveloped commercial waterfront in the City of Duluth, which has remained vacant for more than three decades. Complicating factors in the redevelopment of the site include a collapsing seawall, a massive cement slab, and contaminated soil. The Lot D subarea is roughly 19 acres and includes surrounding site context and roads.

While the site was historically developed, for the purposes of this analysis, the site is considered vacant. The site is currently owned by the Duluth Economic Development Authority (DEDA). DEDA has a predevelopment agreement with Inland Development Partners (Inland) for the development rights to Lot D. Lot D is located on Railroad Street between the Pier B hotel and Compass Minerals, a salt packaging plant.

# Essentia Subarea

The Essentia subarea is mostly occupied by the Essentia Health Medical Campus and Benedictine Sisters of the St. Scholastica Monastery properties. Construction of the new Essentia Health – St. Mary's Medical Center at 402 East 2<sup>nd</sup> Street was recently completed to bring to fruition Vision Northland, a \$900 million investment seeking to transform the Essential Health Medical Campus. The demolition of the former St. Mary's Medical Center at 407 East 3<sup>rd</sup> Street was also recently completed. The Essentia subarea includes about 141 acres and 4.3 million square feet of mostly institutional (medical campus) and other commercial and residential uses. Several existing surface parking lots within the subarea will become surplus with the consolidation of the Essentia campus.

#### 1<sup>st</sup> Street Subarea

The 1st Street subarea encompasses the City of Duluth's historic downtown core. The area is about 83 acres and includes nearly 5.2 million square feet of commercial, office, urban residential, hospitality and tourism, institutional (churches and government offices), and a limited amount of industrial development. The built form is urban in nature, with buildings ranging from one to sixteen stories in height. In addition to the built square footage in the 1st Street subarea, there are many surface and structured parking lots and some vacant land or unoccupied buildings.

#### Secondary Subarea

The Secondary subarea includes an eclectic mix of uses including high, medium, and low-density housing, the Aspirus St. Lukes Hospital campus, and a mix of commercial uses mostly located along Superior Street. Like the Essentia Health campus, Aspirus St. Luke's is also underway with a hospital modernization and expansion project. The Secondary subarea includes roughly 92 acres and 3.3 million

square feet of mostly residential, institutional (medical campus) and other commercial uses.

Development Scenario B: Maximum Development (Mixed Use) Scenario

#### Lot D Subarea

As mentioned above, the landowner of the Lot D area is DEDA, which has a predevelopment agreement with Inland for the development rights to Lot D. Inland has created a concept plan for a multi-phased mixed use multifamily and hospitality redevelopment. This concept plan is the basis for the maximum development scenario for this subarea. The planned redevelopment includes two buildings of market rate multifamily apartments, constructed over two phases and totaling 802,000 square feet. The maximum redevelopment scenario also includes a hotel totaling about 93,000 square feet.

In addition to the planned development, there are several site preparation activities which will occur within the subarea including repair and reconstruction of the deteriorated seawall, removal of the cement slab, and remediation and encapsulation of soil contamination. Table 1 and Exhibit 2 detail the Lot D subarea maximum development scenario. Appendix C provides Inland's preliminary Lot D Concept Plan.

#### Essentia Subarea

The Essentia subarea maximum development scenario is based generally on the plans that Essentia Health and the Benedictine Sisters of the St. Scholastica Monastery have for redevelopment of excess properties made available by the consolidation of the campus and parking lots. This includes 18 properties across a roughly 16-block campus. The Duluth Market Study<sup>2</sup> completed by Cushman Wakefield in March 2023 plans for the following maximum development potential for these 18 properties: more than 600 new housing units, 50,000 square feet of retail space, up to 480 hotel rooms and 275,000 square feet of medical office and classroom space. This information is the basis for the maximum development scenario in this subarea, as shown in Table 1 and Exhibit 2.

# 1st Street Subarea

Within the 1<sup>st</sup> Street subarea, there are two DEDA owned sites that will be available for redevelopment in the near-term. These include the former Pastoret Terrace building and the former Shoppers Parking Ramp and adjacent New Garrick Building (Pineapple Building). The maximum development scenario for these sites includes mixed-use development with residential and retail space. In addition to these properties, there is potential for underutilized properties in the downtown area to be redeveloped into a mix of uses, including housing. Scenario B plans for the maximum amount of development that 1<sup>st</sup> Street subarea may see for the next ten years. Given that the AUAR will be updated every five years, as required by state statute, there is an opportunity to update these assumptions regularly as development expectations shift.

For the next ten year period, the maximum development scenario for the 1st Street subarea assumes a 30 percent increase in residential development and a small increase in commercial development from existing conditions. This assumes that much of the major redevelopment in the downtown area is mixed use, including mostly housing and some new commercial development. Table 1 and Exhibit 2 detail the 1st Street subarea maximum development scenario.

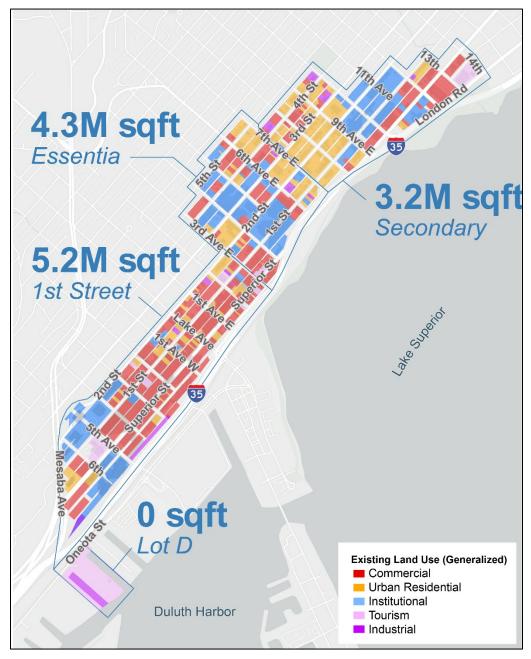
#### Secondary Subarea

While there are no major plans currently proposed by landowners, developers, or the City for redevelopment within the Secondary subarea, it is anticipated that some redevelopment may occur within the next ten years. Given the investments in the Aspirus St. Luke's Hospital, and the heavily residential nature of the area, it is anticipated that this may be an attractive area for housing redevelopment. The maximum development scenario for this subarea assumes that the area could see a 20 percent increase in residential development over the next ten years. As with the 1st Street subarea, which also lacks clear development expectations, there is an opportunity with each AUAR Update to reevaluate these

<sup>&</sup>lt;sup>2</sup> Cushman & Wakefield. Duluth, Minnesota Market Study. March 2023.

assumptions as development expectations shift. Table 1 and Exhibit 2 detail the Secondary subarea maximum development scenario.

Exhibit 1. Development Scenario A – Existing Conditions



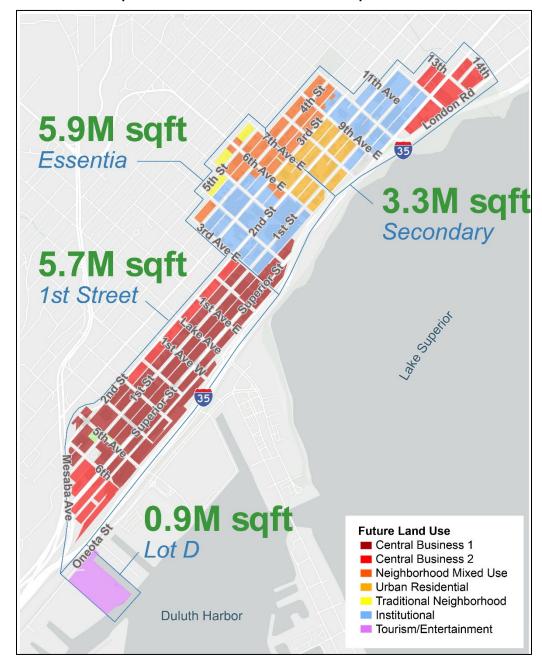


Exhibit 2. Development Scenario B - Maximum Development

#### **Construction Activities**

1) Construction, operation methods and features that will cause physical manipulation of the environment or will produce wastes

Development Scenario B would include construction of new buildings and associated access roadways, parking areas, and utility infrastructure improvements. Construction activities will primarily be redevelopment of previously developed land. Site preparation may include demolition, grading, excavation and limited vegetation removal. Stormwater infrastructure would be modified or constructed depending on the change in impervious surface area.

#### 2) Modifications to existing equipment or industrial processes

Not applicable – no planned modifications to existing equipment or industrial processes.

#### 3) Significant demolition, removal or remodeling of existing structures

The AUAR area encompasses a developed, urban core. It is anticipated that redevelopment of the AUAR area may require demolition, removal, or remodeling of existing buildings or structures, which would be confirmed at the time future projects are proposed within the AUAR area. The potential for redevelopment within the AUAR area to result in the demolition of properties listed or eligible for inclusion on the National Register of Historic Places (NRHP) will be evaluated as part of Item 15 (Historic Properties) of the Draft AUAR.

#### 4) Timing and duration of construction activities

It is anticipated that initial site preparation for redevelopment of Lot D may occur as early as 2026, which would include repair of the existing seawall, removal of the cement slab, and remediation and encapsulation of soil contamination. Construction of the Lot D Redevelopment Project is anticipated to be completed in 2028.

The timing and duration of development phases within the three other subareas is unknown and would be dependent on market conditions. However, it is DEDA's intention to procure developers for redevelopment of properties currently owned by DEDA in the 1st Street Subarea in 2026. For the purpose of the AUAR, the maximum build condition considered for Development Scenario B assumes a full buildout in ten years. The development assumptions and timeline would be re-assessed with the AUAR update in five years, based on anticipated conditions at that time.

#### c. Project magnitude

Table 1 summarizes the Project magnitude.

Table 1. Project Magnitude

Description	Scenario A - Existing Conditions	Scenario B – Maximum Development
Total Project Acreage	Total approx. 335	Total: approx. 335
Linear Project length	Not applicable (N/A)	N/A
Residential building area (in square feet)	1,948,000	4,069,000
Commercial building area (in square feet)	5,983,000	6,053,000
Industrial building area (in square feet)	67,000	67,000
Institutional building area (in square feet)	4,141,000	4,416,000
Other uses – Tourism (in square feet)	540,000	869,000
Total Project Square Footage	12,679,000	15,474,000
Lot D Subarea		
Subarea Acreage	Approx. 19	Approx. 19
Residential building area (in square feet)	0	802,000
Commercial building area (in square feet)	0	0
Industrial building area (in square feet)	0	0
Institutional building area (in square feet)	0	0
Other uses – Tourism (in square feet)	0	93,000
Total Project Square Footage	0	895,000

Description	Scenario A - Existing Conditions	Scenario B – Maximum Development
Structure height (feet)	0	Up to 120 ft.
Essentia Subarea		OF 12 120 12
Residential building area (in square feet)	510,000	1,460,000
Commercial building area (in square feet)	1,191,000	1,241,000
Industrial building area (in square feet)	14,000	14,000
Institutional building area (in square feet)	2,456,000	2,731,000
Other uses – Tourism (in square feet)	174,000	410,000
Total Project Square Footage	4,345,000	5,856,000
Structure height (feet)	Up to 18 stories (St. Mary's Medical Center)	Up to 200 ft.
1 <sup>st</sup> Street Subarea		
Residential building area (in square feet)	808,000	1,300,000
Commercial building area (in square feet)	3,985,000	4,005,000
Industrial building area (in square feet)	30,000	30,000
Institutional building area (in square feet)	48,000	48,000
Other uses – Tourism (in square feet)	312,000	312,000
Total Project Square Footage	5,183,000	5,446,000
Structure height (feet)	Up to 15 stories (Alworth Building)	Up to 200 ft.
Secondary Subarea		
Residential building area (in square feet)	630,000	756,000
Commercial building area (in square feet)	807,000	807,000
Industrial building area (in square feet)	23,000	23,000
Institutional building area (in square feet)	1,637,000	1,637,000
Other uses – Tourism (in square feet)	54,000	54,000
Total Project Square Footage	3,151,000	3,277,000
Structure height (feet)	Up to 114 ft. (St. Luke's Hospital)	Up to 200 ft.

# d. Explain the Project purpose; if the Project will be carried out by a governmental unit, explain the need for the Project and identify its beneficiaries.

The purpose of completing this AUAR is to holistically plan for and study potential redevelopment within the downtown area. The City anticipates that downtown could see significant infill and redevelopment within the coming years, and has elected to complete an AUAR to holistically study the environmental impacts of development and prepare appropriate mitigation strategies. The City recognizes the environmental benefits of encouraging additional development within its urban core, especially housing development. The AUAR will help the City to appropriately manage this growth and development.

e. Are future stages of this development including development on any other property planned or likely to happen? X Yes □ No

If yes, briefly describe future stages, relationship to present Project, timeline and plans for environmental review.

It is anticipated that redevelopment of the AUAR area would occur in phases based on market conditions. For the purpose of the analyses completed as part of the AUAR, it is assumed the full buildout

contemplated in Development Scenario B would occur in the next ten years.

f. Is this Project a subsequent stage of an earlier Project? ☐ Yes X No

If yes, briefly describe the past development, timeline and any past environmental review.

## 7. Climate Adaptation and Resilience

a. Describe the climate trends in the general location of the Project (see guidance: Climate Adaptation and Resilience) and how climate change is anticipated to affect that location during the life of the Project.

In general, Minnesota is anticipated to experience an increase in temperature, precipitation, and more frequent extreme precipitation events resulting from climate change. In Minnesota, annual average temperatures have risen two degrees over the past century and up to three degrees in the northern part of the state. The highest average temperature increases have occurred during the winter. Since 1895, temperatures during the winter have increased at a rate two to three times higher than during the summer. In particular, winter warming rates have risen more sharply in recent decades.<sup>3</sup> Current climate warming trends, most notably during the winter, are anticipated to continue.<sup>4</sup>

Heavy rain events have become more frequent in Minnesota and more intense. From 1973 to 2020, Minnesota experienced 17 mega-rain events<sup>5</sup> with a notable increase since 2000. Of these 17 events, three occurred in the 1970s, two in the 1980s, one in the 1990s, six mega-rain events occurred in the 2000s, four in the 2010s, and one in 2020. Thus, in the past 21 years (2000 to 2020), almost two times as many mega rain events occurred compared to the prior 27 years (1973 to 1999).<sup>6</sup>

Climate trends in St. Louis County parallel the overall statewide trends, indicating Minnesota's climate is becoming warmer and wetter. Exhibit 3 and Exhibit 4 illustrate historical average annual temperature and annual precipitation trends from 1980 to 2024, respectively. During this time period, the county experienced an average annual temperature increase of 0.39 degrees Fahrenheit (°F) per decade and an annual precipitation increase of 0.10 inches per decade.

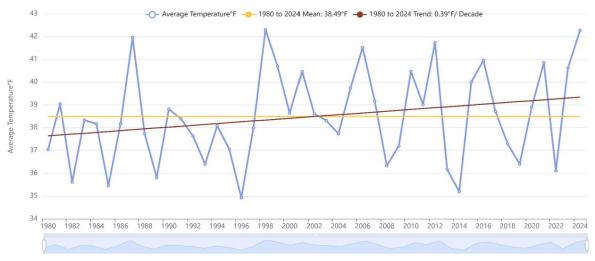


Exhibit 3. Historical Annual Average Temperature in St. Louis County (1950 – 2024)

Source: DNR Climate Explorer available at https://climate-explorer.dnr.state.mn.us/main/historical

https://www.dnr.state.mn.us/climate/summaries\_and\_publications/mega\_rain\_events.html. Accessed September 2025.

<sup>&</sup>lt;sup>3</sup> DNR, undated(a). Climate Trends. Available at: <a href="https://www.dnr.state.mn.us/climate/climate\_change\_info/climate-trends.html">https://www.dnr.state.mn.us/climate/climate\_change\_info/climate-trends.html</a>. Accessed September 2025.

<sup>&</sup>lt;sup>4</sup> MnDOT, 2021. Minnesota Go Climate Change Report. Available at: <a href="https://www.minnesotago.org/trends/climate-change">https://www.minnesotago.org/trends/climate-change</a>. Accessed September 2025.

<sup>&</sup>lt;sup>5</sup> Mega-rain events are defined as events in which six inches of rain covers more than 1,000 square miles and the core of the event tops eight inches. Definition is from the DNR's website cited in footnote 4.

<sup>&</sup>lt;sup>6</sup> DNR, 2024(a). Historic Mega-Rain Events in Minnesota. Available at:

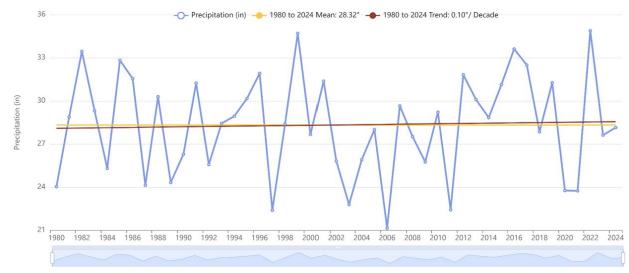


Exhibit 4. Historical Annual Average Precipitation in St. Louis County (1950 – 2024)

Source: DNR Climate Explorer available at https://climate-explorer.dnr.state.mn.us/main/historical

Projected climate trends indicate that temperatures within the county would continue to increase. Exhibit 4 illustrates projected temperatures for the county. Several climate models are shown in the projected temperature analysis. The model mean, shown in blue on the first boxplot to the left in each model category, illustrates the average of all models included in the analysis. Exhibit 5 shows the modeled present condition, mid-century (2040-2059) at Representative Concentration Pathway (RCP) 4.5, late-century (2080-2099) at RCP 4.5, and late-century (2080-2099) at RCP 8.5. RCP is a greenhouse gas concentration scenario used by the Intergovernmental Panel on Climate Change in the fifth assessment report. RCP 4.5 is an intermediate scenario in which emissions decline after peaking around 2040 and RCP 8.5 represents a worst-case scenario in which emissions continue rising through the 21st century.

Under the RCP 4.5 scenario, the annual temperature is anticipated to increase within the county from a modeled present mean of 38.2°F (1980-1999) to a mid-century (2040-2059) model mean of 41.8°F and a late-century (2080-2099) model mean of 43.7°F. Under the RCP 8.5 worst-case scenario, the county would experience a late-century (2080-2099) model mean temperature of 47.6°F. In comparison to the modeled present mean (1980-1999), the late-century (2080-2099) modeled mean annual temperature would increase by approximately 13.4 percent under the RCP 4.5 scenario and increase by approximately 21.9 percent under the RCP 8.5 scenario.

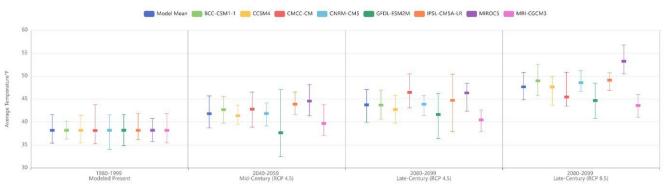


Exhibit 5. Projected Temperatures in St. Louis County

Source: DNR Climate Explorer available at https://climate-explorer.dnr.state.mn.us/main/historical

Exhibit 6 presents projected average annual precipitation for St. Louis County. Under the RCP 4.5

<sup>&</sup>lt;sup>7</sup> IPCC, undated. Fifth Assessment Report. Available at: https://www.ipcc.ch/assessment-report/ar5/. Accessed September 2025.

scenario, the annual precipitation is anticipated to increase within the county from a modeled present mean of 28.6 inches (1980-1999) to a mid-century (2040-2059) model mean of 28.8 inches and a late-century (2080-2099) model mean of 32.4 inches. Under the RCP 8.5 worst-case scenario, the county would experience a late-century (2080-2099) model mean precipitation of 34.2 inches. In comparison to the modeled present mean (1980-1999), the late-century (2080-2099) modeled mean annual precipitation would increase by approximately 11.8 percent under the RCP 4.5 scenario and increase by approximately 17.1 percent under the RCP 8.5 scenario.

Model Mean BCC-CSM1-1 CCSM4 CMCC-CM CNRM-CM5 GFDL-ESM2M IPSL-CM5A-LR MIROCS MRI-CGCM3

150
90
30
1120
1130-1999
Modeled Present Mid-Century (RCP 4.5)
Late-Century (RCP 4.5)
Late-Century (RCP 4.5)
Late-Century (RCP 4.5)

**Exhibit 6. Projected Precipitation in St. Louis County** 

Source: DNR Climate Explorer available at https://climate-explorer.dnr.state.mn.us/main/historical

b. For each Resource Category in the table below: Describe how the Project's proposed activities and how the Project's design will interact with those climate trends. Describe proposed adaptations to address the Project effects identified.

Table 2 summarizes climate considerations related to the Project and adaptation considerations.

Table 2. Climate Considerations and Adaptations

Resource Category	Climate Considerations	Project Information	Adaptations
Project Design	Projected climate trends include increasing temperatures, precipitation, and frequency of heavy rainfall events.  Minnesota is trending towards warmer temperatures. Urban heat islands occur when impervious surfaces, such as roofs and paved surfaces, absorb heat during the day and release it at night, amplifying the warming trend.	Construction of buildings, parking lots, and other impervious surfaces within the AUAR area may result in minor increases in impervious surface area. Given that the AUAR area consists of a developed, urban environment that is approximately 81 percent impervious, redevelopment would not result in significant increases in impervious surface area compared to existing conditions.  Increased impervious surfaces would increase volume of stormwater runoff and potential flooding risk during heavy rain events.	Potential adaptations will be identified in the Draft AUAR.

Resource Category	Climate Considerations	Project Information	Adaptations
		Impervious surfaces may create local heat island effects by absorbing heat during daytimes hours and radiating it at night leading to an increase in surface temperatures.	
Land Use	Heavier rainfall expected to bring a higher risk of localized flooding.  Increased temperatures may create public health crises primarily for vulnerable communities such as children and the elderly.	The majority of the AUAR area currently consists of urban development and limited grasslands and wooded areas.  Any conversion from grasslands and wooded areas to more urban development would increase impervious surfaces and may contribute to local heat island effects.	Potential adaptations will be identified in the Draft AUAR.
Water Resources	Addressed in Item 12.		
Contamination/ Hazardous Materials/Wastes	The AUAR area is projected to experience an increase in precipitation and heavy rainfall events.	The redevelopment anticipated in the AUAR is not anticipated to involve the installation of chemical/ hazardous materials storage during operation. The Project may include building demolition.	Potential adaptations will be identified in the Draft AUAR.
Fish, wildlife, plant communities, and sensitive ecological resources (rare features)	Addressed in Item 14.		

# 8. Cover Types

#### Estimate the acreage of the site with each of the following cover types before and after development.

The majority of the AUAR area (approximately 81 percent) consists of developed, impervious surface areas including buildings, roadways, and parking areas. Limited wooded areas are present within the AUAR area (approximately 0.1 percent) and are primarily characterized as landscape trees and small wooded/vegetated areas adjacent to primarily residential uses. Table 3 and Figure 3, Appendix B summarize cover types within the AUAR area. Table 4 summarizes green infrastructure for each scenario and subarea. Table 5 summarizes tree canopy change information.

# **AUAR Scope**

The cover type analysis will be augmented with aerial photographs and other desktop resources as part of the Draft AUAR. Future land cover for both development scenarios would be evaluated in the Draft AUAR for each subarea. Existing conditions information (Scenario A) is included in the following Tables 3 through 5. These tables would be completed for the maximum development scenario (Scenario B) as part of the Draft AUAR.

**Table 3. Cover Types** 

Table 3. Cover Types	Scenario A	Scenario B
Cover Types	Before (acreage) <sup>1</sup>	After (acreage)
Lot D Subarea		•
Wetlands and shallow lakes (<2 meters deep)	0.0 (0.0%)	Future land cover for
Deep lakes (>2 meters deep)	4.6 (24.8%)	Scenario B to be
Wooded/forest	0.5 (2.7%)	
Brush/grassland	0.0 (0.0%)	evaluated in the Draft
Cropland	0.0 (0.0%)	AUAR.
Lawn/landscaping	5.0 (26.9%)	
Green infrastructure total (from table below*)	0.4 (1.9%)	
Impervious surface	8.1 (43.7%)	
Stormwater basins	0.0 (0.0%)	
Subarea Total	18.6	
Essentia Subarea		
Wetlands and shallow lakes (<2 meters deep)	0.0 (0.0%)	
Deep lakes (>2 meters deep)	0.0 (0.0%)	T
Wooded/forest	7.6 (9.1%)	Future land cover for
Brush/grassland	0.0 (0.0%)	Scenario B to be
Cropland	0.0 (0.0%)	evaluated in the Draft
Lawn/landscaping	5.2 6.3%)	AUAR.
Green infrastructure total (from table below*)	0.0 (0.0%)	
Impervious surface	70.1 (84.6%)	
Stormwater basins	0.0 (0.0%)	
Subarea Total	82.9	
1 <sup>st</sup> Street Subarea		
Wetlands and shallow lakes (<2 meters deep)	0.7 (0.5%)	Future land cover for
Deep lakes (>2 meters deep)	0.0 (0.0%)	Scenario B to be
Wooded/forest	8.8 (6.2%)	evaluated in the Draft
Brush/grassland	0.0 (0.0%)	AUAR.
Cropland	0.0 (0.0%)	
Lawn/landscaping	8.8 (6.2%)	
Green infrastructure total (from table below*)	0.0 (0.0%)	
Impervious surface	123.1 (87.1%)	
Stormwater basins	0.0 (0.0%)	
Subarea Total	141.4	
Secondary Subarea		
Wetlands and shallow lakes (<2 meters deep)	0.0 (0.0%)	Future land cover for
Deep lakes (>2 meters deep)	0.0 (0.0%)	Scenario B to be
Wooded/forest	12.6 (13.7%)	evaluated in the Draft
Brush/grassland	0.0 (0.0%)	AUAR.
Cropland	0.0 (0.0%)	
Lawn/landscaping	11.1 (12.1%)	

Cover Types	Scenario A Before (acreage) <sup>1</sup>	Scenario B After (acreage)
Green infrastructure total (from table below*)	0.0 (0.0%)	
Impervious surface	68.0 (74.2%)	
Stormwater basins	0.0 (0.0%)	
Subarea Total	91.7	
Total AUAR area		
Wetlands and shallow lakes (<2 meters deep)	0.7 (0.2%)	
Deep lakes (>2 meters deep)	4.6(1.4%)	
Wooded/forest	29.4 (8.8%)	
Brush/grassland	0.0 (0.0%)	Future land cover for
Cropland	0.0 (0.0%)	Scenario B to be
Lawn/landscaping	30.1 (9.0%)	evaluated in the Draft
Green infrastructure total (from table below*)	0.4 (0.1%)	AUAR.
Impervious surface	269.3 (80.5%)	
Stormwater basins	0.0 (0.0%)	
AUAR Area Total	334.5	

<sup>&</sup>lt;sup>1</sup> Before acreages are approximate and based on Duluth 1-Meter Land Cover 2016.

**Table 4. Green Infrastructure** 

Green Infrastructure	Before (acres)	After
Lot D Subarea		
Constructed infiltration systems (infiltration basins/infiltration trenches/ rainwater gardens/bioretention areas without underdrains/swales with impermeable check dams)	0	Future green infrastructure will be evaluated in the Draft AUAR.
Constructed tree trenches and tree boxes	0	]
Constructed wetlands	0	]
Constructed green roofs	0	]
Constructed permeable pavements	0	]
Other (describe):	0	]
Subarea Total	0	]
Essentia Subarea		
Constructed infiltration systems (infiltration basins/infiltration trenches/ rainwater gardens/bioretention areas without underdrains/swales with impermeable check dams)	0	Future green infrastructure will be evaluated in the Draft AUAR.
Constructed tree trenches and tree boxes	0	1
Constructed wetlands	0	
Constructed green roofs	0.5*	1
Constructed permeable pavements	0	1
Other (describe):	0	1
Subarea Total	0	1

Green Infrastructure	Before (acres)	After
1 <sup>st</sup> Street Subarea		
Constructed infiltration systems (infiltration basins/infiltration trenches/ rainwater gardens/bioretention areas without underdrains/swales with impermeable check dams)	0	Future green infrastructure will be evaluated in the Draft AUAR.
Constructed tree trenches and tree boxes	0	
Constructed wetlands	0	
Constructed green roofs	0.5*	
Constructed permeable pavements	0	
Other (describe):	0	
Subarea Total	0	
Secondary Subarea		
Constructed infiltration systems (infiltration basins/infiltration trenches/ rainwater gardens/bioretention areas without underdrains/swales with impermeable check dams)	0	Future green infrastructure will be evaluated in the Draft AUAR.
Constructed tree trenches and tree boxes	0	
Constructed wetlands	0	
Constructed green roofs	0	
Constructed permeable pavements	0	
Other (describe):	0	
Subarea Total	0	
AUAR Area Total	1.0	

<sup>\*</sup>A few existing green roofs are present in the AUAR area which include the Essentia Health – St. Mary's Medical Center and the St. Louis County Motor Pool building.

# Table 5. Tree Canopy

Trees	Percent	Number	
Lot D Subarea			
Percent tree canopy removed, or number of mature trees removed during development	To be determined	Potential tree removal impacts will	
Number of new trees planted	(TBD)	be evaluated in the AUAR.	
Essentia Subarea			
Percent tree canopy removed, or number of mature trees removed during development	To be determined	Potential tree removal impacts will	
Number of new trees planted	(TBD)	be evaluated in the AUAR.	
1 <sup>st</sup> Street Subarea			

Trees	Percent	Number	
Percent tree canopy removed, or number of mature trees removed during development	To be determined	Potential tree removal impacts will	
Number of new trees planted (TBD)		be evaluated in the AUAR.	
Secondary Subarea			
Percent tree canopy removed, or number of mature trees removed during development	To be determined	Potential tree removal impacts will	
Number of new trees planted	(TBD)	be evaluated in the AUAR.	

# 9. Permits and Approvals Required

List all known local, state and federal permits, approvals, certifications and financial assistance for the Project. Include modifications of any existing permits, governmental review of plans and all direct and indirect forms of public financial assistance including bond guarantees, Tax Increment Financing and infrastructure. All of these final decisions are prohibited until all appropriate environmental review has been completed. See Minnesota Rules, Chapter 4410.3100.

Table 6 identifies anticipated permits and approvals that may be required for the proposed development within the AUAR area.

**Table 6. Permits and Approvals** 

Unit of Government	Type of Application	Status
Federal		
U.S. Army Corps of Engineers (USACE)	Section 404 Permit	To be submitted, if required
USACE	Section 10 Permit	
U.S. Fish and Wildlife Service (USFWS)	Section 7 ESA Consultation (if federal nexus)	To be completed, if required
State		
Minnesota Department of Transportation (MnDOT)	(e.g., Drainage Permit, Right-of-way permit for work within or affecting MnDOT right-of-way)	To be submitted, if required
Minnesota Department of Health (MDH)	Water Main Plan Review	To be submitted, if required
Minnesota Department of Natural Resources (DNR)	Temporary Water Appropriation Permit for construction dewatering	To be submitted, if required
DNR	Public Waters Work Permit	To be submitted, if required.
DNR	Natural Heritage Information System (NHIS) concurrence	To be submitted, if required
MPCA	401 Water Quality Certification	To be submitted, if required
MPCA, City of Duluth	National Pollutant Discharge Elimination System (NPDES) MS4 Stormwater Discharge Permit, MS4 Statement of Compliance	To be submitted, if required
MPCA	Construction Site Stormwater Permit	To be submitted, if required
MPCA	Land Use Permit (under Brownfield Program)	To be submitted, if required.

Unit of Government	Type of Application	Status
Minnesota State Historic Preservation Office (SHPO)	Section 106 Consultation (if federal nexus)	To be submitted, if required.
Local		
City of Duluth	Preliminary and Final Plat, Minor Subdivision, and/or a CIC (Common Interest Communities) Plat	To be submitted, if required
City of Duluth	Planning Commission Review	To be completed, if required
City of Duluth	Sign Permits	To be submitted, if required
City of Duluth	Certificate of Occupancy	To be submitted, if required
City of Duluth	Fill Permit	To be submitted, if required
City of Duluth	Erosion and Sediment Control Permits	To be submitted, if required
City of Duluth	Shoreland Permit	To be submitted, if required.
City of Duluth	Floodplain Permit	To be submitted, if required.
City of Duluth	Water and Sewer Main Extension Permits	To be submitted, if required
City of Duluth	Water and Sewer Connection Permits	To be submitted, if required
City of Duluth	Utility Easement Dedications	To be submitted, if required
City of Duluth	Building Permits	To be submitted, if required
City of Duluth	Blasting Permit/ Blasting Plan	To be submitted, if required
City of Duluth	Wetland Conservation Act (Boundary Approval/Replacement Plan)	To be submitted, if required

#### 10. Land Use

#### a. Describe:

i. Existing land use of the site as well as areas adjacent to and near the site, including parks and open space, cemeteries, trails, prime or unique farmlands.

#### Lot D Subarea

Lot D is a former industrial site and the existing land use consists of mostly vacant land, with a remnant cement building pad and foundations. These are anticipated to be removed in anticipation of redevelopment. Additionally, the property has a deteriorating seawall, which will be replaced prior to redevelopment of the site. It is anticipated that repair and replacement of the existing seawall would include reclamation of a portion of the land that has eroded and replacement of the dock wall around the entire property. Lot D is located on Railroad Street between the Pier B hotel and Compass Minerals, an industrial site. The I-35 corridor creates a barrier between the Lot D site and downtown, while Lake Superior generally forms the eastern boundary of the site. Lot D is separated from Bayfront Park to the north by Pier B and the small mooring areas in between each of these areas. The Baywalk Trail connects Canal Park to Pier B, while the Cross City Trail connects the Lakewalk to the Lincoln Park neighborhood. No cemeteries or prime or unique farmlands are within the subarea.

#### Essentia Subarea

Existing land uses in the Essentia area include the medical campus and a variety of housing and commercial uses. This area is adjacent to the downtown core to the southwest, also within the AUAR area (1st Street subarea). The area to the northeast is also within the AUAR area (Secondary subarea). Areas uphill of the Essentia subarea generally consist of lower density housing. Lake Superior is downhill (to the east) from the Essentia Subarea. The Superior Street Boulevard connects over I-35 in this subarea with the Lakewalk along Lake Superior. The North Shore Scenic Drive also intersects this subarea. No cemeteries or prime or unique farmlands are within the subarea.

#### 1st Street Subarea

The 1st Street subarea includes Duluth's historic downtown core, including a mix of office, commercial, hospitality uses, and high density housing. Several surface and structure parking lots are also present within this subarea, along with a limited amount of light industrial uses. Many historic buildings are located within the 1st Street subarea, which are described further in Item 15 of this AUAR. Parks and open spaces within this subarea include Civic Center, Ordean Court, Gateway Park, Rail Park, Minnesota Power Plaza and Lake Superior Plaza. The North Shore Scenic Drive also extends through this subarea. A spur of the Cross City Trail connects through the 1st Street subarea. No cemeteries or prime or unique farmlands are within the subarea.

#### Secondary Subarea

Existing land uses in the Secondary subarea include high, medium, and low density housing, the Aspirus St. Lukes Hospital campus, and a mix of commercial uses mostly located along Superior Street. Land use in the southwest portion of the subarea generally coincides with the Essentia subarea described above and uses to the north are mostly residential. Lake Superior is generally to the east. The Lakewalk, Leif Erikson Park and the Rose Gardens are adjacent to the subarea. No cemeteries or prime or unique farmlands are within the subarea.

ii. Plans. Describe planned land use as identified in comprehensive plan (if available) and any other applicable plan for land use, water, or resources management by a local, regional, state, or federal agency.

#### **AUAR Scope**

Several plans will be reviewed and summarized in the Draft AUAR. These plans include:

- Imagine Duluth 2035 (City's Comprehensive Plan)
- Essential Spaces Duluth Parks, Recreation, Open Space & Trails Plan
- Duluth Parks and Recreation Master Plan
- Duluth Trail and Bikeway Plan
- 2023 Downtown Housing Study
- 2025 Duluth Housing Needs Analysis (city-wide)
- Vision Northland Master Plan
- Duluth Market Study (Cushman Wakefield)
- Lot D Minnesota Finance Plan
- iii. Zoning, including special districts or overlays such as shoreland, floodplain, wild and scenic rivers, critical area, agricultural preserves, etc.

#### **AUAR Scope**

#### Lot D Subarea

Lot D is zoned MU-W Mixed Use Waterfront. A large portion of the Lot D subarea is also within the City's shoreland overlay zone associated with the Duluth/Superior Habor Shoreline. Zoning

surrounding this subarea includes industrial to the southwest and west, and MU-W to the northeast. These zoning districts will be described further in the AUAR and the maximum development scenario will be reviewed for potential incompatibilities with the districts and overlay. Figure 6, Appendix B identifies the zoning districts within the AUAR area. Figure 11, Appendix B shows the water resources within the AUAR area and the City's shoreland management overlay zones.

#### Essentia Subarea

Zoning within the Essentia subarea includes predominately MU-I Mixed Use Institutional, with other districts including F-8 Downtown Mix, F-7 Downtown Shopping, F-6 Mid-Rise Neighborhood Shopping, MU-N Mixed Use Neighborhood, and R-2 Residential Urban. A portion of the Essentia subarea is also within the shoreland overlay zone associated with the Duluth/Superior Habor Shoreline. These zoning districts will be described further in the AUAR and the maximum development scenario will be reviewed for potential incompatibilities with the districts and overlay. Figure 6, Appendix B identifies the zoning districts within the AUAR area. Figure 11, Appendix B shows the water resources within the AUAR area and the City's shoreland management overlay zones.

#### 1st Street Subarea

Zoning within the 1<sup>St</sup> Street subarea includes predominately F-8 Downtown Mix, with other districts including F-7 Downtown Shopping, F-5 Mid-Rise Community Shopping and Office, and MU-C Mixed Use Commercial. A portion of the 1<sup>st</sup> Street subarea is also within the shoreland overlay zone associated with the Duluth/Superior Habor Shoreline. These zoning districts will be described further in the AUAR and the maximum development scenario will be reviewed for potential incompatibilities with the districts and overlay. Figure 6, Appendix B identifies the zoning districts within the AUAR area. Figure 11, Appendix B shows the water resources within the AUAR area and the City's shoreland management overlay zones.

#### Secondary Subarea

Zoning within the Secondary subarea includes a mix of MU-I Mixed Use Institutional, F-8 Downtown Mix, F-6 Mid-Rise Neighborhood Shopping, F-4 Mid-Rise Community Mix, MU-N Mixed Use Neighborhood, and R-2 Residential Urban. A portion of the Secondary subarea is also within the shoreland overlay zone associated with Chester Creek and the Duluth/Superior Habor Shoreline. These zoning districts will be described further in the AUAR and the maximum development scenario will be reviewed for potential incompatibilities with the districts and overlay. Figure 6, Appendix B identifies the zoning districts within the AUAR area. Figure 11, Appendix B shows the water resources within the AUAR area and the City's shoreland management overlay zones.

iv. If any critical facilities (i.e. facilities necessary for public health and safety, those storing hazardous materials, or those with housing occupants who may be insufficiently mobile) are proposed in floodplain areas and other areas identified as at risk for localized flooding, describe the risk potential considering changing precipitation and event intensity.

## **AUAR Scope**

The maximum development scenario anticipates housing within the AUAR area. Portions of each subarea are within the shoreland overlay district and flood hazard zones. Appendix D provides the FEMA FIRMettes which are discussed in further detail in Item 12 (Water Resources). The AUAR will address the potential for localized flooding within each subarea.

b. Discuss the Project's compatibility with nearby land uses, zoning, and plans listed in Item 9a above, concentrating on implications for environmental effects.

#### **AUAR Scope**

This section of the Draft AUAR will analyze the compatibility of development of the AUAR area with

neighboring land uses and zoning. The development scenarios will be compared to surrounding areas to determine if the anticipated uses are compatible. Related changes and impacts to the AUAR area including land cover, transportation and view sheds will be referenced, but discussed in detail in their respective sections.

c. Identify measures incorporated into the proposed Project to mitigate any potential incompatibility as discussed in Item 10b above and any risk potential.

#### **AUAR Scope**

This section will address potential mitigation strategies needed to ensure compatibility between the proposed maximum development scenario, the existing surrounding areas, and planned land use. The need for necessary changes to the Comprehensive Plan, which may be completed as a future Comprehensive Plan Amendment or in a subsequent update of the Comprehensive Plan, will be discussed in the Draft AUAR.

# 11. Geology, Soils and Topography/Land Forms

a. Geology - Describe the geology underlying the Project area and identify and map any susceptible geologic features such as sinkholes, shallow limestone formations, unconfined/shallow aquifers, or karst conditions. Discuss any limitations of these features for the Project and any effects the Project could have on these features. Identify any Project designs or mitigation measures to address effects to geologic features.

#### Lot D Subarea

The surficial geology across the Lot D subarea has been mapped by the Minnesota Geological Survey's (MGS) Geologic Atlas of St. Louis County<sup>8</sup> as consisting mostly of constructed land deposited anthropogenically. The northwestern portion of Lot D near the railroad and I-35 has been mapped as post-glacial floodplain and channelized fluvial deposits consisting of sand, gravel, cobbles, boulders, and sandy loam to silt loam. The southeastern portion of Lot D includes the Duluth/Superior Harbor shoreline and has been mapped as post-glacial lacustrine sediments consisting of silt, sand and clay (Figure 7, Appendix B).

The bedrock geology has been mapped by MGS as being Mesoproterozoic age igneous rocks from the Duluth Complex of the Midcontinent Rift Intrusive Supersuite. Specifically, the bedrock is part of the Anorthositic series, a suite of plagioclase-rich cumulates emplaced relatively synchronously across the entire Duluth Complex just prior to the emplacement of the layered series. The Anorthositic series can contain anorthosite, troctolitic anorthosite, olivine gabbroic anorthosite, leucogabbro and leucotroctolite (Figure 8, Appendix B).

The depth to bedrock is mapped by MGS as being between 101 and 250 feet. According to the Minnesota Department of Health (MDH) Minnesota Well Index (MWI),<sup>9</sup> no wells were identified within the Lot D Subarea (Figure 9, Appendix B).

The igneous bedrock formations in the Lot D subarea are not susceptible to the formation of karst features.

#### Essentia Subarea

The surficial geology across the Essentia subarea has been mapped by MGS as glacial lacustrine sediments of the Barnum Formation, consisting of clay and silty clay. These sediments are deposits of the

<sup>&</sup>lt;sup>8</sup> MGS. Geologic Atlas of St. Louis County, Minnesota, C-51, Bauer, E.J.; Jirsa, M.A.; Block, A.R.; Boerboom, T.J.; Chandler, V.M.; Peterson, D.M.; Wagner, K.G.; McDonald, J.M.; Dengler, E.L.; Meyer, G.N.; Hamilton, J.D. 2022. Retrieved from the University of Minnesota Digital Conservancy. Available at: <a href="https://conservancy.umn.edu/items/1cea310b-ca8d-4345-acfa-450ab8ca17e6">https://conservancy.umn.edu/items/1cea310b-ca8d-4345-acfa-450ab8ca17e6</a>. Accessed September 2025.

<sup>&</sup>lt;sup>9</sup> MDH. Minnesota Well Index. Undated. Available at: <a href="https://www.health.state.mn.us/communities/environment/water/mwi/index.html">https://www.health.state.mn.us/communities/environment/water/mwi/index.html</a>. Accessed September 2025.

Superior lobe and occur inland at the surface within approximately four miles of the present-day Lake Superior shoreline (Figure 7, Appendix B).

The bedrock geology has been mapped by MGS as being mostly Mesoproterozoic age igneous rocks from the Keweenawan Supergroup of the Midcontinent Rift Intrusive Supersuite. The components of the North Shore Volcanic Group identified within the Keweenawan Supergroup include undifferentiated basalt to basaltic andesite flows and porphyritic basalt. There is also a mapped intrusion called the Tunnel intrusion consisting of diabase (Figure 8, Appendix B).

The depth to bedrock is mapped by MGS as being between zero and 50 feet. According to the MDH MWI, ten verified wells were identified within the Essentia Subarea (Figure 9, Appendix B). Five of these wells have well logs and stratigraphic records which indicate the wells intersected bedrock between zero and five feet beneath the surface. The well logs and stratigraphic records are available in Appendix E.

The igneous bedrock formations in the Essentia Subarea are not susceptible to the formation of karst features.

#### 1st Street Subarea

The surficial geology across the 1st Street subarea has been mapped by MGS as mostly being glacial lacustrine sediments of the Barnum Formation, consisting of clay and silty clay. A small portion in the southeast has been mapped as post-glacial floodplain and channelized fluvial deposits consisting of sand, gravel, cobbles, boulders, and sandy loam to silt loam. (Figure 7, Appendix B).

The bedrock geology has been mapped by MGS as being Mesoproterozoic age igneous rocks from the Midcontinent Rift Intrusive Supersuite. Specifically, the bedrock includes units from the Anorthositic series, miscellaneous intrusions, and components of the Keweenawan Supergroup. The Anorthositic series can contain anorthosite, troctolitic anorthosite, olivine gabbroic anorthosite, leucogabbro and leucotroctolite. The miscellaneous intrusions include two unnamed intrusions containing porphyritic ophitic olivine leucogabbro and ferromonzodiorite to granophyre, and a third intrusion called the Tunnel intrusion which contains diabase. The components of the North Shore Volcanic Group identified within the Keweenawan Supergroup include icelandite, undifferentiated basalt to basaltic andesite, and porphyritic basalt (Figure 8, Appendix B).

The depth to bedrock is mapped by MGS as being between zero and 50 feet. According to the MDH MWI, 13 verified wells were identified within the 1<sup>st</sup> Street Subarea (Figure 9, Appendix B). Ten of these wells have well logs and stratigraphic records which indicate the wells intersected bedrock between zero and 18 feet beneath the surface. The well logs and stratigraphic records are available in Appendix E.

The igneous bedrock formations in the 1<sup>st</sup> Street subarea are not susceptible to the formation of karst features.

#### Secondary Subarea

The surficial geology across the Secondary subarea has been mapped by MGS as glacial lacustrine sediments of the Barnum Formation, consisting of clay and silty clay (Figure 7, Appendix B).

The bedrock geology has been mapped by MGS as being Mesoproterozoic age igneous rocks from the Keweenawan Supergroup of the Midcontinent Rift Intrusive Supersuite. The components of the North Shore Volcanic Group identified within the Keweenawan Supergroup include undifferentiated basalt to basaltic andesite flow, porphyritic basalt, and interflow sandstone, siltstone, and conglomerate (Figure 8, Appendix B).

The depth to bedrock is mapped by MGS as being between zero and 50 feet. According to the MDH MWI, no wells were identified within the Secondary Subarea (Figure 9, Appendix B).

The igneous bedrock formations in the Secondary subarea are not susceptible to the formation of karst features.

#### **AUAR Scope**

The Draft AUAR will discuss construction in shallow bedrock in the AUAR area and the potential need for blasting and identify appropriate mitigation measures as needed.

b. Soils and topography - Describe the soils on the site, giving NRCS (SCS) classifications and descriptions, including limitations of soils. Describe topography, any special site conditions relating to erosion potential, soil stability or other soils limitations, such as steep slopes, highly permeable soils. Provide estimated volume and acreage of soil excavation and/or grading. Discuss impacts from Project activities (distinguish between construction and operational activities) related to soils and topography. Identify measures during and after Project construction to address soil limitations including stabilization, soil corrections or other measures. Erosion/sedimentation control related to stormwater runoff should be addressed in response to Item 12.b.ii.

Table 7 below describes the 2024 United States Department of Agriculture (USDA) Soil Survey Geographic Database (SSURGO)<sup>10</sup> soil map units within each Subarea of the AUAR area. Based on the SSURGO soils data, the majority of the AUAR area soils are expected to have shallow bedrock and large areas of disturbance related to previous development.

#### Lot D Subarea

Most of the Lot D subarea (approximately 74 percent) is mapped as some mix of Urban Land, Udorthents soils, and Aquents soil. The remaining area is mapped as water. The "Urban Land" designation is used to indicate areas of urban development and disturbance. These areas are highly altered from their natural condition and typically feature soils impacted by cutting, grading, filling, compaction, and impervious cover. Udorthents are also disturbed soils and are often found in areas affected by human activity. Aquents are soils formed in areas with frequent water saturation and are often found in coastal areas.

The Lot D subarea features a generally flat terrain, with an average elevation of approximately 610 feet. While most of the area maintains this elevation, the land transitions into a steep slope as it approaches the water's edge, indicating a sharp drop in elevation near the shoreline.

#### Essentia Subarea

The entirety of the Essentia subarea is mapped as some mix of Urban Land, Rock Outcrop, Mesaba soil and Barto soil. As described above, Urban Land indicates highly disturbed and urbanized areas. Rock Outcrop areas feature surficial (at or near surface) bedrock with little or no soil cover. Mesaba and Barto are glacial till soils formed in bedrock-controlled surfaces and feature approximately 12 to 30 inches of gravelly sandy loam or gravelly loam over bedrock.

The Essentia subarea features a steep slope, descending from approximately 840 feet in the northwest to around 620 feet in the southeast. The northern portion near St. Mary's Hospital Heliport sits on higher ground while the terrain gets steeper near the southeastern edge as the land drops towards lower elevations near I-35 and the lakefront.

#### 1st Street Subarea

Most of the 1<sup>st</sup> Street subarea (approximately 75 percent) is also mapped as a mix of Urban Land, Rock Outcrop, Mesaba soil and Barto soil. Approximately 24 percent is mapped as a mix of Urban Land, Udorthents, and Aquents.

Similar to the Essentia subarea, the 1<sup>st</sup> Street subarea features a steep slope, descending from approximately 710 feet in the northwest to approximately 610 feet in the southeast.

<sup>&</sup>lt;sup>10</sup> NRCS USDA. Soil Survey Geographic Database. 2024. Accessed September 2025 via ESRI ArcGIS Online Services

# Secondary Subarea

Most of the Secondary subarea (approximately 76 percent) is also mapped as a mix of Urban Land, Rock Outcrop, Mesaba soil and Barto soil. Approximately 22 percent of the subarea is mapped as a mix of Urban Land, Amnicon soils, and Rock Outcrop. Amnicon is clayey glacial till formed through a combination of glacial processes, clay accumulation and climate-driven soil development.

The Secondary subarea also features a steep slope, descending from northwest to southeast. The highest elevation is approximately 800 feet on the western corner and the lowest elevation is approximately 650 feet near the eastern edge.

Table 7. Soil within the AUAR area

Map Unit Symbol	Map Unit Name	Hydrologic Group	Wind Erodibility Group	Water Erodibility Factor (K <i>f</i> )	Acres	% of AUAR area
Lot D Suba	rea					
1028A	Urban land-Udorthents- Aquents complex, 0 to 8 percent slopes	No Rating	5	No Rating	13.7	73.9
W	Water	Not Applicable	Not Applicable	Not Applicable	4.8	26.1
				Total	18.5	100.0
Essentia S	ubarea					
F163D	Urban land-Mesaba-Rock outcrop complex, 1 to 18 percent slopes	No Rating	5	No Rating	82.8	100.0
				Total	82.8	100.0
1 <sup>st</sup> Street S	ubarea					
F163D	Urban land-Mesaba-Rock outcrop complex, 1 to 18 percent slopes	No Rating	5	No Rating	105.7	74.8
1028A	Urban land-Udorthents- Aquents complex, 0 to 8 percent slopes	No Rating	5	No Rating	33.5	23.7
F160F	Rock outcrop-Mesaba- Barto complex, 18 to 60 percent slopes	No Rating	5	No Rating	2.1	1.5
				Total	141.3	100.0
Secondary	Secondary Subarea					
F163D	Urban land-Mesaba-Rock outcrop complex, 1 to 18 percent slopes	No Rating	5	No Rating	69.9	76.2
E25D	Urban land-Amnicon- Rock outcrop complex, 0 to 18 percent slopes	No Rating	6	No Rating	20.1	22.0
E23F	Miskoaki-Udifluvents, flooded, complex, 1 to 45 percent slopes	D	6	0.43	1.7	1.8
				Total	91.7	100.0

The hydrologic soil groups are:

- **Group A**: Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.
- **Group B**: Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained, or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.
- **Group C**: Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.
- **Group D**: Soils having a very slow infiltration rate (high runoff potential). These consist chiefly of soils with high clay content, soils that have a high-water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.
- Dual Groups: Dual Group designations (A/D, B/D, or C/D) are used to indicate wet soils that belong
  to Group D due to a high water table but would meet the drainage or textural criteria for Group A, B,
  or C if drained. Dual Group soils should be treated as Group D soils in the absence of effective
  artificial drainage.

The soil erodibility factors are:

- Wind Erodibility Group: Soils are assigned a Wind Erodibility Group (WEG) rating based on their inherent vulnerability to soil particle detachment from wind forces. Values range from 1 (most erodible) to 8 (least erodible).
- Water Erodibility Factor (Kf): The Soil Erodibility Factor (Kf) is a unitless quantitative description of the inherent vulnerability of a soil to water erosion. It provides a measurement of soil particles' susceptibility to detachment from rain drops or surface runoff. Values range from 0.02 (least erodible) to 0.69 (most erodible).

Shallow bedrock, disturbed soils, gravelly soils, wet soils, and steep slopes create risks for water erosion, sloughing, and overall soil stability. Most of the soils throughout the AUAR area have undergone past development, with most areas having received past cut-fill, grading, and impervious surfaces which likely altered the characteristics beyond what can be interpreted from the SSURGO data. Non-disturbed areas of the AUAR area may have other limitations based on soil wetness, shallow bedrock, or other factors. Runoff rates may be high on steep slopes, previously disturbed areas, and areas of very shallow or exposed bedrock.

#### **AUAR Scope**

The Draft AUAR will address risk factors identified above and measures to mitigate soil stability and soil loss concerns.

#### 12. Water Resources

- a. Describe surface water and groundwater features on or near the site in a.i. and a.ii. below.
  - i. Surface water lakes, streams, wetlands, intermittent channels, and county/judicial ditches. Include any special designations such as public waters, shoreland classification and floodway/floodplain, trout stream/lake, wildlife lakes, migratory waterfowl feeding/resting lake, and outstanding resource value water. Include the presence of aquatic invasive species and the water quality impairments or special designations listed on the current MPCA 303d Impaired Waters List that are within 1 mile of the Project. Include MnDNR Public Waters Inventory number(s), if any.

#### **Surface Waters**

Table 8 summarizes surface waters, wetlands, DNR Public Waters, and other waters with special designations within the AUAR area. The following paragraphs provide a summary of these features for each of the four subareas.

#### Lot D Subarea

A review of DNR geospatial data determined that there is one lake, the Duluth/Superior Harbor (also called the St. Louis River Estuary), within the Lot D subarea. The St. Louis River Estuary is designated as a lake of biological significance, <sup>11</sup> classified as outstanding. There are no state designated trout streams or lakes, <sup>12</sup> wildlife lakes, <sup>13</sup> or migratory waterfowl feeding/resting lakes <sup>14</sup> within the Lot D Subarea. The shoreland overlay zone associated with Lake Superior encompasses portions of Lot D.

The City of Duluth Streams dataset and the DNR Hydrography Dataset did not identify any streams or watercourses within the Lot D subarea.

#### Essentia Subarea

A review of DNR geospatial data determined that there are no lakes, state designated trout streams or lakes, wildlife lakes, migratory waterfowl feeding/resting lakes, or lakes of biological significance within the Essentia subarea.

The City of Duluth Streams dataset indicates Brewery Creek is located within the Essentia subarea.

#### 1st Steet Subarea

A review of DNR geospatial data determined that there are no lakes, state designated trout streams or lakes, wildlife lakes, migratory waterfowl feeding/resting lakes, or lakes of biological significance within the 1st Street subarea.

The City of Duluth Streams dataset indicates Clarkhouse Creek is located within the 1<sup>st</sup> Street subarea.

#### Secondary Subarea

A review of DNR geospatial data determined that there are no lakes, migratory waterfowl feeding/resting lakes, or lakes of biological significance within the Secondary Subarea. The City of Duluth Streams dataset indicates Chester Creek, Greys Creek, and Brewery Creek are located within the Secondary subarea. Chester Creek is a trout stream, impaired water, and a DNR Public Water Watercourse.

<sup>&</sup>lt;sup>11</sup> DNR. Lakes of Biological Significance. 2020. Available at: <a href="https://gisdata.mn.gov/dataset/env-lakes-of-biological-significe">https://gisdata.mn.gov/dataset/env-lakes-of-biological-significe</a>. Accessed September 2025.

<sup>&</sup>lt;sup>12</sup> DNR. State Designated Trout Streams. 2020. Available at: <a href="https://gisdata.mn.gov/dataset/env-trout-stream-designations">https://gisdata.mn.gov/dataset/env-trout-stream-designations</a>. Accessed September 2025.

<sup>&</sup>lt;sup>13</sup> DNR. Designated Wildlife Lakes. 2016. Available at: <a href="https://gisdata.mn.gov/dataset/env-designated-wildlife-lakes">https://gisdata.mn.gov/dataset/env-designated-wildlife-lakes</a>. Accessed September 2025.

<sup>&</sup>lt;sup>14</sup> DNR. Migratory Waterfowl Feeding and Resting Areas. 2016. Available at: <a href="https://gisdata.mn.gov/dataset/env-migratory-waterfowl-areas">https://gisdata.mn.gov/dataset/env-migratory-waterfowl-areas</a>. Accessed January 2025.

Table 8. Surface Waters, Public Waters, and other Special Designations within the AUAR area

Water Resource	Туре	PW ID / Kittle No. / Duluth Stream ID	Special Designation		
Lot D Subarea					
Duluth/Superior Harbor (St. Louis River Estuary)	Lake	69129101 (69129100)	Public Water Basin, Impaired Lake, Lake of Biological Significance		
Essentia Subarea					
Brewery Creek	Stream	E003470	None		
1 <sup>st</sup> Street Subarea	,				
Clarkhouse Creek	Stream	W000110	None		
Secondary Subarea	Secondary Subarea				
Chester Creek	Stream	693861 / S-003 / E005930	Public Water Watercourse, Impaired Stream, Trout Stream		
Greys Creek	Stream	E003980	None		
Brewery Creek	Stream	E003470	None		

#### **DNR Public Waters**

Figure 11, Appendix B identifies DNR Public Waters within and near the AUAR area.

#### Lot D Subarea

According to the DNR National wetland Inventory (NWI) Wetland Finder<sup>15</sup> and geospatial data, one DNR Public Water Basin, Duluth/Superior Harbor (69129101), is located within the Lot D subarea. No Public Watercourses are located with the Lot D subarea.

#### Essentia Subarea

According to the DNR NWI Wetland Finder and geospatial data, there are no DNR Public Water Basins or Watercourses located within the Essentia subarea.

#### 1st Steet Subarea

According to the DNR NWI Wetland Finder and geospatial data, there are no DNR Public Water Basins or Watercourses located within the 1st Street subarea.

#### Secondary Subarea

According to the DNR NWI Wetland Finder and geospatial data, one DNR Public Watercourse, Chester Creek (693861), is located within the Secondary Subarea. No Public Water Basins are located within the Secondary subarea.

#### **Wetland Resources**

The DNR NWI geospatial data identified two wetlands within the AUAR area. Figure 12, Appendix B shows NWI wetlands within and near the AUAR area. Table 9 identifies NWI wetlands within the

<sup>&</sup>lt;sup>15</sup> DNR. NWI Wetland Finder. 2024. Available at: <a href="https://wetland-finder.dnr.state.mn.us">https://wetland-finder.dnr.state.mn.us</a>. Accessed October 2025.

AUAR area.

#### Lot D Subarea

The DNR NWI geospatial data identified one NWI feature, Lake Superior, within the Lot D subarea.

#### Essentia Subarea

No DNR NWI features were identified within the Essentia subarea.

#### 1st Steet Subarea

The DNR NWI geospatial data identified one wetland feature, a freshwater emergent wetland, within the 1<sup>st</sup> Street subarea.

#### Secondary Subarea

No DNR NWI features were identified within the Secondary subarea.

Table 9. Wetlands within the AUAR area

Wetland ID	Circular 39	Cowardin	Eggers and Reed	Acres within the Subarea
Lot D	Type 5	L1UBH	Lake	4.65
1 <sup>St</sup> Street Corridor	Type 1	PEM1A	Freshwater Emergent Wetland	0.82

#### MPCA 303d Impaired Waters List

A review of the MPCA's 2024 Impaired Waters List<sup>16</sup> identified two impaired waters within the AUAR area (Figure 11, Appendix B). Lake Superior, Assessment Unit Identification (AUID 16-0001-00, is located adjacent to the AUAR area and is impaired for aquatic consumption due to the presence of mercury (Hg) and polychlorinated biphenyls (PCB). No Total Maximum Daily Load (TMDL) has been established for Lake Superior. Several aquatic invasive species (AIS) have been identified in Lake Superior and the St. Louis River including Eurasion watermilfoil, New Zealand mudsnail, round goby, ruffe, spiny waterflea, viral hemorrhagic septicemia (VHS), white perch and zebra mussels.<sup>17</sup> Table 10 identifies impaired waters within the AUAR area.

#### Lot D Subarea

A review of the MPCA's Impaired Waters List identified one impaired lake, Duluth Superior Harbor, in the Lot D subarea. Duluth Superior Harbor, AUID 69-1291-01, is impaired for aquatic consumption due to the presence of toxaphene, PCB, dioxin, dichloro-diphenyl-trichloroethane (DDT), dieldrin, and mercury (Hg). No Total Maximum Daily Load (TMDL) has been established.

#### Essentia Health Medical Campus Subarea

A review of the MPCA's Impaired Waters List identified no impaired waters in the Essentia subarea.

#### 1st Steet Subarea

A review of the MPCA's Impaired Waters List identified no impaired waters in the 1st Street subarea.

<sup>&</sup>lt;sup>16</sup> MPCA. Impaired Wates Viewer. 2024. Available at:

https://mpca.maps.arcgis.com/apps/webappviewer/index.html?id=fcfc5a12d2fd4b16bc95bb535d09ae82. Accessed October 2025.

<sup>&</sup>lt;sup>17</sup> St. Louis County. County Land Explorer GIS map. 2023. Available at: <a href="https://www.stlouiscountymn.gov/departments-a-z/economic-community-development/enterprise-gis/county-land-explorer">https://www.stlouiscountymn.gov/departments-a-z/economic-community-development/enterprise-gis/county-land-explorer</a>. Accessed October 2025.

#### Secondary Subarea

A review of the MPCA's Impaired Waters List identified one impaired stream, Chester Creek, in the Secondary subarea. Chester Creek, Assessment Unit Identification (AUID) 04010102-545, is impaired for aquatic recreation due to the presence of Escherichia coli (E. coli) and for aquatic life due to chloride (CI-). No Total Maximum Daily Load (TMDL) has been established.

Table 10. Impaired Waters within the AUAR area

Waterbody Name	AUID¹	Affected Designated Use	Pollutant or Stressor	TMDL <sup>2</sup> ID	
Lot D Subarea					
Duluth/Superior Harbor	69-1291-01	Aquatic Consumption	Toxaphene, PCB-F, PCB-W, Dioxin, DDT, Dieldrin, Hg-F, Hg-W	None	
Secondary Subarea					
Chester Creek	04010102-545	Aquatic Life and Aquatic Recreation	E. coli and Cl-	None	

<sup>&</sup>lt;sup>1</sup> Assessment Unit Identification (AUID)

#### Floodway/Floodplain

Portions of the AUAR area along the Lake Superior shoreline and Chester Creek are within the regulated 100-year floodplain and 500-year floodplain. Figure 11, Appendix B shows 100-year floodplain and 500-year floodplain areas within the AUAR area.

#### Lot D Subarea

The Federal Emergency Management (FEMA) Flood Insurance Rate Map (FIRM) panel 27137C3788E generated through the National Flood Hazard Layer (NFHL) mapping tool <sup>18</sup> indicates that the southern and eastern portions of the Lot D subarea is within Zone AE (coastal floodplain), an area regulated 100-year floodplain (one percent annual chance of flooding). The remainder of the Lot D subarea is within Zone X (area of minimal flood hazard). Appendix D provides the FEMA FIRMette for the Lot D subarea.

# Essentia Subarea

The FEMA FIRM panels 27137C3786E and 27137C3790E generated through the NFHL mapping tool indicates that the Essentia subarea is within Zone X (area of minimal flood hazard). Appendix D provides the FEMA FIRMette for the Essentia subarea.

#### 1st Steet Subarea

The FEMA FIRM panels 27137C3788E and 27137C3786E generated through the NFHL mapping tool indicate that the 1st Street subarea is within Zone X (area of minimal flood hazard). Appendix D provides the FEMA FIRMette for the 1st Street subarea.

#### Secondary Subarea

The FEMA FIRM panel 27137C3790E generated through the NFHL mapping tool indicates that the Secondary subarea is within Zone X (area of minimal flood hazard). Appendix D provides the FEMA

<sup>&</sup>lt;sup>2</sup>Total Maximum Daily Load (TMDL)

<sup>&</sup>lt;sup>18</sup> FEMA. NFHL Viewer. 2025. Available at: <a href="https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd">https://hazards-fema.maps.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd</a>. Accessed October 2025.

FIRMette for the Secondary subarea.

#### **AUAR Scope**

As part of the Draft AUAR, further analysis of the identified water resources will be conducted as needed. Avoidance, minimization, and mitigation strategies will also be identified to address potential impacts to the identified water resources.

ii. Groundwater – aquifers, springs, seeps. Include: 1) depth to groundwater; 2) if Project is within a MDH wellhead protection area; 3) identification of any onsite and/or nearby wells, including unique numbers and well logs if available. If there are no wells known on site or nearby, explain the methodology used to determine this.

A review of the MDH MWI identified 23 verified wells within the AUAR area. 19 These wells are presented in Table 11 and Figure 9, Appendix B.

#### Lot D Subarea

A review of the MDH MWI identified no wells within the Lot D subarea. Based on a review of some wells located near the Lot D subarea, the depth to static water level ranges from approximately two to six feet.

#### Essentia Subarea

A review of the MDH MWI identified 10 verified wells within the Essentia subarea. Based on a review of the wells located in the Essentia subarea, where reported, the depth to static water level ranges from approximately six to nine feet.

#### 1st Street Subarea

A review of the MDH MWI identified 13 verified wells within the 1<sup>st</sup> Street subarea. Based on a review of the wells located in the 1<sup>st</sup> Street Subarea, where reported, the depth to static water level ranges from approximately six to 10 feet.

## Secondary Subarea

A review of the MDH MWI identified no verified wells within the Secondary subarea. Based on a review of the wells located in the Secondary subarea, which is adjacent to the Secondary subarea, where reported, the depth to static water ranges from approximately six to nine feet.

Table 11. MDH Well Records within the AUAR area

Well ID	Use Type	Status	Depth (ft.)	Static Water Level (ft.)
Essentia Subarea				
704162	Elevator	Active	50	-
758411	Monitoring	Sealed	9	6
669263	Monitoring	Sealed	12	-
669264	Monitoring	Sealed	12	-
698994	Monitoring	Sealed	10.5	9
669262	Monitoring	Sealed	12	-

<sup>&</sup>lt;sup>19</sup> MDH. Minnesota Well Index (MWI) Version 2.2.0. undated. Available at: <a href="https://www.health.state.mn.us/communities/environment/water/mwi/index.html">https://www.health.state.mn.us/communities/environment/water/mwi/index.html</a>. Accessed September 2025.

Well ID	Use Type	Status	Depth (ft.)	Static Water Level (ft.)
704151	Elevator	Active	24	-
704152	Elevator	Active	42	-
739033	Elevator	Active	60	-
739032	Elevator	Active	54	-
1 <sup>st</sup> Street Subarea				
701046	Monitoring	Sealed	10	-
701047	Monitoring	Sealed	13	-
703163	Monitoring	Sealed	16	10
454658	Air Conditioning	Sealed	312	-
533479	Elevator	Active	35	-
739031	Elevator	Active	56	-
644513	Domestic	Active	11	-
704170	Elevator	Active	42	6
533478	Elevator	Active	34	-
739042	Elevator	Active	49	-
739041	Elevator	Active	49	10
533480	Elevator	Active	36	-
764826	Elevator	Active	34	-

According to the MDH Source Water Protection Map, the AUAR area is not within a MDH Wellhead Protection Area (WPA) or Drinking Water Supply Management Area (DWSMA). The AUAR area is within a Historical Source Water Assessment Area for surface water.<sup>20</sup>

#### AUAR Scope

The Draft AUAR will address the potential of the development scenarios to impact groundwater resources.

- b. Describe effects from Project activities on water resources and measures to minimize or mitigate the effects in Item b.i. through Item b.iv. below.
  - Wastewater For each of the following, describe the sources, quantities and composition of all sanitary, municipal/domestic and industrial wastewater produced or treated at the site.
    - 1) If the wastewater discharge is to a publicly owned treatment facility, identify any pretreatment measures and the ability of the facility to handle the added water andwaste loadings, including any effects on, or required expansion of, municipal wastewater infrastructure.

The Western Lake Superior Sanitary District (WLSSD) serves a 530-square mile area that includes 17 municipal customers, including the City of Duluth. WLSSD conveys and treats approximately 36 million gallons per day (MGD) of wastewater. The flow and peak flow design

<sup>&</sup>lt;sup>20</sup> DNR. Source Water Protection Web Map Viewer. undated. Available at: https://experience.arcgis.com/experience/14825b159b2e4dc686736d98e39ebce7. Accessed October 2025.

capacity of the wastewater treatment facility (WWTF) is 48.4 MGD and 100 MGD, respectively.<sup>21</sup> The Total suspended solids (TSS) and biochemical oxygen demand (BOD) design capacity of the WWTF is 112,000 lbs. per day and 121,000 lbs. per day, respectively.

The City of Duluth owns, operates, and maintains 53 wastewater pumping stations including five storage facilities with a storage capacity of 14 million gallons. The City's sanitary sewer infrastructure system is comprised of approximately 440 miles of collection sewer interceptors. Under existing conditions, the AUAR area is comprised of developed land that is connected to the City's sanitary sewer infrastructure.

#### **AUAR Scope**

The Draft AUAR will evaluate projected wastewater flows and loads generated by Development Scenario B and will qualitatively describe potential constraints of the existing wastewater system. Potential mitigation strategies required for the sanitary sewer system will be described in the Draft AUAR.

2) If the wastewater discharge is to a subsurface sewage treatment systems (SSTS), describe the system used, the design flow, and suitability of site conditions for such a system. If septic systems are part of the Project, describe the availability of septage disposal options within the region to handle the ongoing amounts generated as a result of the Project. Consider the effects of current Minnesota climate trends and anticipated changes in rainfall frequency, intensity and amount with this discussion.

A subsurface sewage treatment system would not be proposed for Development Scenario B. The AUAR area would not be allowed to utilize SSTS, per City of Duluth ordinance, disallowing SSTS in areas served by municipal sewer.

3) If the wastewater discharge is to surface water, identify the wastewater treatment methods and identify discharge points and proposed effluent limitations to mitigate impacts. Discuss any effects to surface or groundwater from wastewater discharges, taking into consideration how current Minnesota climate trends and anticipated climate change in the general location of the Project may influence the effects.

Wastewater conveyed and treated by WLSSD is ultimately discharged into the St. Louis River. WLSSD treatment system staff closely monitor effluent discharged to the St. Louis River to prevent pollution. The WLSSD laboratory conducts regular sampling of effluent to ensure compliance with all State and Federal water quality standards.

#### **AUAR Scope**

The Draft AUAR will include a discussion of potential effects of wastewater discharge to surface water and considerations of climate trends on wastewater infrastructure and operations.

ii. Stormwater - Describe changes in surface hydrology resulting from change of land cover. Describe the routes and receiving water bodies for runoff from the Project site (major downstream water bodies as well as the immediate receiving waters). Discuss environmental effects from stormwater discharges on receiving waters post construction including how the Project will affect runoff volume, discharge rate and change in pollutants. Consider the effects of current Minnesota climate trends and anticipated changes in rainfall frequency, intensity and amount with this discussion. For Projects requiring NPDES/SDS Construction Stormwater permit coverage, state the total number of acres that will be disturbed by the Project and describe the stormwater pollution prevention plan (SWPPP), including specific best management practices to address soil erosion and sedimentation during and after Project construction. Discuss permanent stormwater management plans, including methods of

<sup>&</sup>lt;sup>21</sup> WLSSD. Comprehensive Wastewater Plan. Adopted in 2023, amended in 2025. Available at: <a href="https://wlssd.com/wp-content/uploads/2025/04/WLSSD-Wastewater-Comprehensive-Plan-Amended-2025.pdf">https://wlssd.com/wp-content/uploads/2025/04/WLSSD-Wastewater-Comprehensive-Plan-Amended-2025.pdf</a>. Accessed October 2025.

achieving volume reduction to restore or maintain the natural hydrology of the site using green infrastructure practices or other stormwater management practices. Identify any receiving waters that have construction-related water impairments or are classified as special as defined in the Construction Stormwater permit. Describe additional requirements for special and/or impaired waters.

#### **Existing Conditions**

#### Lot D Subarea

Lot D subarea is located along Duluth's waterfront in the Bayfront District adjacent to Lake Superior. The subarea is approximately 44 percent impervious, primarily consisting of a cement slab and associated roadways. The area contains contaminated soils, which is planned for remediation in 2026. The proposed remediation plan includes encapsulating the contaminated soil and constructing new development atop the resulting soil cap.

#### Essentia Subarea

The Essentia subarea encompasses approximately 83 acres with approximately 85 percent impervious surface coverage. The area includes three primary land use zones: institutional mixed-use, neighborhood mixed use and urban residential.

#### 1st Street Subarea

The 1st Street subarea covers approximately 141 acres with approximately 85 percent impervious surface. Land use within this area is predominantly commercial business.

#### Secondary Subarea

The Secondary subarea spans approximately 92 acres with approximately 74 percent impervious surface coverage. The area includes a mix of institutional mixed-use and residential land uses.

#### **Proposed Conditions**

Development in all four subareas will be required to comply with applicable stormwater management requirements and Duluth zoning regulations. Available information for the areas indicates limited stormwater best management practice (BMP) measures are currently present in the subareas. A few large-scale sediment channels are present under I-35 that were constructed to manage runoff generated from the public roads, however, these channels also receive runoff that drains down the hillside from 6th Avenue West to 1st Avenue East. All potential and future development within the AUAR area is located below the bluff line in downtown Duluth, within one mile of Lake Superior, a designated impaired water and identified as a wetland in the NWI. Due to the area's history of industrial activity, numerous MPCA-listed contamination sites may require further investigation and mitigation. All future development within the AUAR area must comply with regulations from the City of Duluth, MPCA, DNR, and USACE as applicable. While general stormwater management standards apply across all subareas, mitigation will be anticipated in the AUAR and site-specific requirements may be addressed with AUAR updates as development plans are refined. AUAR updates as development plans are refined.

Stormwater management must meet both temporary and permanent requirements for volume control, rate control, and water quality treatment, as outlined in:

- City of Duluth Natural Resources Overlay (Section 50-18), which includes additional standards for areas below the bluff line.
- MPCA's NPDES/SDS Construction Stormwater Permit, including Section 23 provisions for discharges to Lake Superior, a designated Outstanding Resource Water.

### Lot D Subarea

Inland's preliminary concept plan proposes two multifamily buildings and a hotel with parking. Lot D, an undeveloped parcel, may be subject to stricter water quality standards than redevelopment sites under city rules. Due to its proximity to Lake Superior the development will need to consider shoreland setback requirements and floodplain fill/mitigation.

### Essentia Subarea

The Essentia subarea includes 18 potential redevelopment sites. Due to the variability of development plans and site-specific conditions related to stormwater infrastructure implementation, most sites will require an individual treatment system. Adjacent lots developed in similar time frames may benefit from regional stormwater treatment systems, which allow for shared infrastructure and reduce the need for 95 percent of impervious runoff capture at each site if it is managed within a regional treatment watershed. However, these systems require increased coordination with the City and property owners to identify limitations to development and responsibilities of shared systems.

### 1st Street Subarea

The 1st Street subarea anticipates redevelopment of properties with high impervious cover (85 percent or greater) such as existing parking lots, vacant land, or unoccupied buildings. These areas are expected to be converted to mixed-use residential and commercial land uses, which typically have a maximum impervious percentage of 85 percent. As a result, changes to impervious areas – whether decreasing or increasing - will impact the stormwater requirements (e.g. rate and water quality) and selection of appropriate stormwater BMP(s) (e.g. pond or pond with filter bench). Similar to the Essentia subarea, identifying opportunities for regional treatment would be beneficial if impervious areas increase from existing conditions. This depends on the availability of land and future development plans for adjacent parcels.

### Secondary Subarea

While most of the Secondary Redevelopment Area watershed drains directly to Lake Superior, the northern portion of the site is adjacent to Chester Creek, a designated trout stream. It is anticipated that additional site-specific stormwater BMPs requirements in proximity to Chester Creek would be required related to temperature and construction timing.

### **AUAR Scope**

Generally, filtration practices are utilized within the City of Duluth for stormwater management due to the soil types, existing shallow and exposed bedrock, and shallow groundwater conditions. Therefore, infiltration-based BMPs may be infeasible across much of the AUAR area. Additionally, special design considerations may be required near contaminated sites. Therefore, hydraulic and water quality modeling would be needed to determine appropriate BMP sizing and design criteria. These efforts will also incorporate climate resilience strategies to address future precipitation patterns and extreme weather events.

iii. Water appropriation - Describe if the Project proposes to appropriate surface or groundwater (including dewatering). Describe the source, quantity, duration, use and purpose of the water use and if a MnDNR water appropriation permit is required. Describe any well abandonment. If connecting to an existing municipal water supply, identify the wells to be used as a water source and any effects on, or required expansion of, municipal water infrastructure. Discuss environmental effects from water appropriation, including an assessment of the water resources available for appropriation. Discuss how the proposed water use is resilient in the event of changes in total precipitation, large precipitation events, drought, increased temperatures, variable surface water flows and elevations, and longer growing seasons. Identify any measures to avoid, minimize, or mitigate environmental effects from the water

appropriation. Describe contingency plans should the appropriation volume increase beyond infrastructure capacity or water supply for the Project diminish in quantity or quality, such as reuse of water, connections with another water source, or emergency connections.

The AUAR area is connected to municipal water services. The City of Duluth owns, operates, and maintains the Lakewood Water Treatment Plant which provides city water sourced from Lake Superior. The City also owns, operates, and maintains 15 water reservoirs. The water system is capable of providing a maximum of approximately 68 MGD of treated water. On average, the Lakewood Water Treatment Plant provides approximately 13 MGD of treated water. Projected water demands for the area would be utilized in planning additional distribution infrastructure. Any new distribution infrastructure would be constructed in accordance with the City of Duluth's current Water Master Plan or Comprehensive Plan and according to the City's Engineering Guidelines

### **AUAR Scope**

Projected water demands for Development Scenario B and the capacity of the City's water system will be evaluated in the Draft AUAR. The AUAR will include a discussion of the influence of climate change and resiliency associated with the development scenario water use.

### iv. Surface Waters

a) Wetlands - Describe any anticipated physical effects or alterations to wetland features such as draining, filling, permanent inundation, dredging and vegetative removal. Discuss direct and indirect environmental effects from physical modification of wetlands, including the anticipated effects that any proposed wetland alterations may have to the host watershed, taking into consideration how current Minnesota climate trends and anticipated climate change in the general location of the Project may influence the effects. Identify measures to avoid (e.g., available alternatives that were considered), minimize, or mitigate environmental effects to wetlands. Discuss whether any required compensatory wetland mitigation for unavoidable wetland impacts will occur in the same minor or major watershed and identify those probable locations.

Impacts to wetlands are regulated by the Minnesota Wetland Conservation Act (WCA) and the USACE under Section 404 of the Clean Water Act. The City of Duluth is the WCA local governmental unit (LGU) for the AUAR area. If wetland impacts associated with future development of the AUAR area are unavoidable, a wetland replacement plan will be required. Future developers would be required to demonstrate avoidance and minimization of wetland impacts to the greatest practicable extent. The USACE, LGU, and other appropriate stakeholders would be consulted during this process. The AUAR area is located within Bank Service Area (BSA) 1. Purchase of wetland bank credits may be used to provide mitigation if future proposed development were to result in unavoidable wetland impacts.

### **AUAR Scope**

The Draft AUAR will include a desktop-level evaluation of potential impacts to wetlands within the AUAR area resulting from the development scenarios. Mitigation strategies will identify measures for avoidance, minimization, and mitigation for potential wetland impacts in accordance with local, state, and federal regulations.

b) Other surface waters- Describe any anticipated physical effects or alterations to surface water features (lakes, streams, ponds, intermittent channels, county/judicial ditches) such as draining, filling, permanent inundation, dredging, diking, stream diversion, impoundment, aquatic plant removal and riparian alteration. Discuss direct and indirect environmental effects from physical modification of water features, taking into consideration how current Minnesota climate trends and anticipated climate change in the general location of the Project may influence the effects. Identify measures to avoid, minimize, or mitigate environmental effects to surface water features, including in-water Best Management Practices that are proposed to avoid or minimize turbidity/

sedimentation while physically altering thewater features. Discuss how the Project will change the number or type of watercraft on any water body, including current and Projected watercraft usage.

### **AUAR Scope**

As part of the Draft AUAR, potential impacts to surface waters resulting from Development Scenario B will be evaluated and measures to avoid, minimize, or mitigate impacts will be identified as applicable. BMPs will be proposed that are consistent with the requirements of the local, state, and federal regulations. The Draft AUAR will include a discussion of the potential for climate change to influence the impacts of future development within the AUAR area.

### 13. Contamination/Hazardous Materials/Wastes

a. Pre-Project site conditions - Describe existing contamination or potential environmental hazards on or in close proximity to the Project site such as soil or ground water contamination, abandoned dumps, closed landfills, existing or abandoned storage tanks, and hazardous liquid or gas pipelines. Discuss any potential environmental effects from pre-Project site conditions that would be caused or exacerbated by Project construction and operation. Identify measures to avoid, minimize or mitigate adverse effects from existing contamination or potential environmental hazards. Include development of a Contingency Plan or Response Action Plan.

A review of MPCA's *What's in My Neighborhood* (WIMN) database<sup>22</sup> was conducted to identify documented potentially contaminated sites within or in the vicinity of the AUAR area. Appendix F tabulates data from the WIMN database and Figure 13; Appendix B illustrates the location of potentially contaminated sites in close proximity to the AUAR area.

An additional review of the Minnesota Department of Agriculture (MDA) WIMN database<sup>23</sup> was conducted to identify documented potentially contaminated sites within or in the vicinity of the AUAR area. Three MDA spill or release sites were identified within the AUAR area or within a quarter-mile radius.

Lot D has a complex history of industrial use including lime manufacturing, scrap metal handling, oil storage, electrical equipment manufacturing, and warehouse/cold storage operations between the late 1800s and 1980s. Multiple environmental site assessments and investigations have been conducted since the early 1990s. These studies have identified contamination in soil, groundwater, and soil vapor, including exceedances of state and federal screening values for metals (arsenic, lead, mercury, cadmium, manganese), petroleum, hydrocarbons, polycyclic aromatic hydrocarbons (PAHs), dioxins/furans, and volatile organic compounds. Soil vapor investigations have also indicated potential vapor intrusion risks.<sup>24</sup>

Remedial actions have been implemented in both upland and adjacent harbor areas. In 2016, soils with elevated arsenic and PAHs were excavated, and a clean fill cap was placed over portions of the property. In 2018, the MPCA directed dredging and capping of approximately 6,700 cubic yards of contaminated sediment, addressing impacts from PAHs, PCBs, metals, and dioxins. Despite these actions, residual contamination remains in the Lot D subarea. A Response Action Plan and Construction Contingency Plan (CCP) was approved by the MPCA (dated October 7, 2025). The RAP/CCP identifies soil response actions related to site preparation. An implementation report describing completed response actions, sampling results, soil management and disposal and imported soils will be submitted to the MPCA.

More broadly, development activities across the AUAR area may also involve demolition of existing structures, which presents additional considerations related to regulated hazardous building materials. If future development proposes demolition of existing buildings within the AUAR area, there is potential for regulated hazardous building materials to be encountered. Common regulated materials in older

<sup>&</sup>lt;sup>22</sup> MPCA, 2025. What's in My Neighborhood. Available at: What's in My Neighborhood | Minnesota Pollution Control Agency (state.mn.us). Accessed October 2025.

<sup>&</sup>lt;sup>23</sup> MDA, 2025. What's in my Neighborhood? – Agricultural. Available at: What's In My Neighborhood (arcgis.com). Accessed October 2025.

<sup>&</sup>lt;sup>24</sup> Barr Engineering Co. 2024. Lot D Historical and Contamination Summary. Memorandum prepared for the City of Duluth, May 21, 2024.

structures include asbestos-containing materials, lead-based paint, mercury thermostats, fluorescent light ballasts containing PCBs, and other items subject to federal and state management requirements.

### **AUAR Scope**

As part of the Draft AUAR, further review of available desktop resources will be conducted. The potential to encounter contamination and hazardous materials during site demolition and construction activities will be evaluated. Mitigation strategies consistent with state and federal laws will be developed for the Draft AUAR.

b. Project related generation/storage of solid wastes - Describe solid wastes generated/stored during construction and/or operation of the Project. Indicate method of disposal. Discuss potential environmental effects from solid waste handling, storage and disposal. Identify measures to avoid, minimize or mitigate adverse effects from the generation/storage of solid waste including source reduction and recycling.

### **AUAR Scope**

The Draft AUAR will identify solid waste that could be generated or stored from future development within the AUAR area, along with requirements for proper storage and disposal in accordance with state and federal regulations.

c. Project related use/storage of hazardous materials - Describe chemicals/hazardous materials used/stored during construction and/or operation of the Project including method of storage. Indicate the number, location and size of any new above or below ground tanks to store petroleum or other materials. Indicate the number, location, size and age of existing tanks on the property that the Project will use. Discuss potential environmental effects from accidental spill or release of hazardous materials. Identify measures to avoid, minimize or mitigate adverse effects from the use/storage of chemicals/hazardous materials including source reduction and recycling. Include development of a spill prevention plan.

# **AUAR Scope**

The Draft AUAR will identify potential use and storage of hazardous materials and petroleum products from future development within the AUAR area, as well as requirements for their proper management in accordance with state and federal regulations.

d. Project related generation/storage of hazardous wastes - Describe hazardous wastes generated/stored during construction and/or operation of the Project. Indicate method of disposal. Discuss potential environmental effects from hazardous waste handling, storage, and disposal. Identify measures to avoid, minimize or mitigate adverse effects from the generation/storage of hazardous waste including source reduction and recycling

### **AUAR Scope**

The Draft AUAR will identify potential generation and storage of hazardous wastes from future development within the AUAR area, along with requirements for managing these materials in accordance with state and federal regulations.

### 14. Fish, Wildlife, Plant Communities, and Sensitive Ecological Resources (Rare Features)

a. Describe fish and wildlife resources as well as habitats and vegetation on or near the site.

The AUAR area consists of a developed, urban environment predominately comprised of impervious surfaces, with some limited wooded and wetland areas. Approximately 81 percent of the AUAR area consists of paved roadways and buildings based on land cover data. Vegetated areas within the AUAR area primarily consist of landscaped lawn. Figure 3, Appendix B illustrates land cover types within the

AUAR area based on geospatial data. Item 8 (Cover Types) details land cover types identified within the AUAR area.

Wetland and vegetated areas within the AUAR may provide limited foraging or roaming habitat for a variety of urban wildlife species, including squirrels, rabbits, deer, coyotes, foxes, passerine birds, raptors, and other small mammals. Minor water features (e.g., intermittent water collection features, recognized as rain puddles or similar) could provide limited habitat for aquatic species such as turtles, fish, frogs, and toads within the AUAR area. Chester Creek, a designated trout stream, intersects the northern portion of the Secondary subarea. Lake Superior and the St. louis River Estuary provide habitat for aquatic species, including Lake Sturgeon, a State Species Concern Species. Given the urban environment of the AUAR area, limited habitat resources are present within the AUAR area due to the isolation of habitat and extent of past disturbance from development.

b. Describe rare features state-listed (endangered, threatened or special concern) species, native plant communities, Minnesota Biological Survey Sites of Biodiversity Significance, and other sensitive ecological resources on or within close proximity to the site. Provide the license agreement number and/or correspondence number from which the data were obtained and attach the Natural Heritage Review letter from the MnDNR. Indicate if any additional habitat or species survey work has been conducted within the site and describe the results.

### Native Plant Communities and Sites of Biodiversity Significance

Based on a review of the DNR Minnesota Conservation Explorer (MCE) portal and NHIS database, no native plant communities are present within one mile of the AUAR area. One Minnesota Biological Survey (MBS) site is located in proximity to the AUAR area.

One MBS site (Duluth Lakewalk to Lester River) borders the AUAR area starting in the 1<sup>st</sup> Street subarea and extends to the northern boundary of the Secondary subarea, along the Lake Superior shoreline. This MBS site has been determined to be below the minimum biodiversity threshold for statewide significance.

A formal NHIS review request was submitted to the DNR through the Minnesota Conservation Explorer (MCE) system for the AUAR area. An initial response for the AUAR area (MCE No. 2025-00850) was received from the DNR on October 15, 2025, and indicated that the review will be further evaluated by DNR NHIS staff. Appendix G provides the initial DNR MCE response letter. The final DNR NHIS review letter will be included with the Draft AUAR.

### State - Listed Species

The NHIS search did indicate records within the AUAR area and its one-mile buffer zone. Records of no rare species, one threatened species, and six special concern species were identified within the AUAR area and one mile of the AUAR area:

### Within AUAR Area

• Lake sturgeon (Acipenser fulvescens) – Special Concern

### Within One-Mile Buffer of AUAR Area

- Least Moonwort (*Botrychium simplex*)– Special Concern
- Shortjaw Cisco (Coregonus zenithicus) Special Concern
- Peregrine Falcon (Falco peregrinus) Special Concern
- American Eel (Anguilla rostrata) Special Concern
- Lake Chub (Couesius plumbeus) Special Concern
- Common Tern (Sterna Hirundo) Threatened

### Federally – Listed Species

A review of the USFWS Information for Planning and Consultation (IPaC) tool identified four federally listed species and two proposed for federal listing with the potential to occur within the AUAR area, which

are listed below. Appendix G includes the species lists generated through the USFWS IPaC review tool.

- Canada lynx (Lynx canadensis) Threatened, Critical Habitat
- Gray wolf (Canus lupus) Threatened
- Monarch butterfly (Danaus plexippus) Proposed Threatened
- Suckley's Cuckoo Bumble Bee (Bombus suckleyi) Proposed Endangered
- Rufa red knot (Calidris canutus rufa) Threatened
- Piping Plover (Charadrius melodus) Endangered

### Migratory Birds

Twenty one migratory species have the potential to occur within the AUAR area. Suitable nesting habitat and construction timing will be considered when preparing the Draft AUAR to determine whether the development scenarios may affect nesting migratory Birds of Conservation Concern (BCC) in accordance with the Migratory Bird Treaty Act.

Nineteen migratory bird species listed as USFWS Birds of Conservation Concern (BCC) and two eagle species have the potential to occur within the AUAR area according to the USFWS IPaC review (Appendix G). These species and their habitat requirements are detailed in Table 12 using data from the Cornell Lab of Ornithology. <sup>25</sup> The Draft AUAR will assess the habitat requirements for nesting, foraging, and/or migration, as applicable, for each bird species in Table 12.

Duluth is located within the Mississippi Flyway, one of four major migration paths used by birds during spring and fall migration. When migrating birds reach neighboring Lake Superior, many species are more likely to follow the lakeshore than cross open water; flying over land provides opportunities to stop and refuel while the open water frequently does not. Therefore, raptors are funneled over Hawk Ridge, a migration observatory in Duluth, each fall. Given that the AUAR area includes the Lake Superior shoreline, it is anticipated that large numbers of migrating birds pass over or near the AUAR area each spring and fall.

Table 12. Migratory Birds Listed as BCC with the Potential to Occur within the AUAR area

Common Name	Scientific Name
Bald Eagle*	Haliaeetus leucocephalus
Black Tern	Chlidonias niger surinamenisis
Black-billed Cuckoo	Coccyzus erythropthalmus
Bobolink	Dolichonyx oryzivorus
Canada Warbler	Cardellina canadensis
Chimney Swift	Chaetura pelagica
Common Tern	Sterna hirundo
Connecticut Warbler	Oporornis agilis
Eastern Whip-poor-will	Antrostomus vociferus
Evening Grosbeak	Coccothraustes vespertinus
Golden Eagle*	Aquila chrysaetos
Golden-winged Warbler	Vermivora chrysoptera
Le Conte's Sparrow	Ammospiza leconteii
Lesser Yellowlegs	Tringa flavipes
Long-eared Owl	Asio otus
Olive-sided Flycatcher	Contopus cooperi
Pectoral Sandpiper	Calidris melanotos

<sup>&</sup>lt;sup>25</sup> Cornell Lab of Ornithology, 2024. All About Birds. Ithaca, New York. Available at: <a href="https://www.allaboutbirds.org/news/#">https://www.allaboutbirds.org/news/#</a>. Accessed October 2025.

Common Name	Scientific Name	
Ruddy Turnstone	Arenaria interpres morinella	
Veery	Catharus fuscescens fuscescens	
Whimbrel	Numenius phaeopus hudsonicus	
Wood Thrush	Hylocichla mustelina	
*These species are not listed as BBC but warrant special attention under the Bald and Golden Eagle Protection Act (BGEPA).		

c. Discuss how the identified fish, wildlife, plant communities, rare features and ecosystems may be affected by the Project including how current Minnesota climate trends and anticipated climate change in the general location of the Project may influence the effects. Include a discussion on introduction and spread of invasive species from the Project construction and operation. Separately discuss effects to known threatened and endangered species.

### **AUAR Scope**

A desktop assessment (i.e., using aerial photographs and publicly available information) will be completed to evaluate the potential for impacts to fish, wildlife, plant communities, threatened and endangered species, migratory birds, rare features, and ecosystems as a result of Development Scenario B.

The Draft AUAR will identify habitat requirements for state and federally listed species: the lake sturgeon, least moonwort, shortjaw cisco, peregrine falcon, American eel, lake chub, common tern, Canada lynx, gray wolf, monarch butterfly, Suckley's cuckoo bumble bee, rufa red knot, and piping plover. The Draft AUAR will assess potential impacts to these species and determine if suitable habitat for these species will be impacted by future development within the AUAR area. The Draft AUAR will also discuss how climate trends may influence the effects of future development on these species.

Construction activities that involve soil disturbance can result in the introduction and spread of invasive species. The Draft AUAR will identify potential permit requirements related to noxious weeds and invasive species management and will provide a discussion of recommended BMPs during construction and operation.

d. Identify measures that will be taken to avoid, minimize, or mitigate the adverse effects to fish, wildlife, plant communities, ecosystems, and sensitive ecological resources.

### **AUAR Scope**

The Draft AUAR will evaluate the potential for future development within the AUAR area to affect suitable habitat for protected species and mitigation strategies to avoid, minimize, or mitigate potential impacts as applicable. Mitigation strategies will include considerations for bird-safe building design recommendations to minimize potential impacts to migratory birds.

### 15. Historic Properties

Describe any historic structures, archeological sites, and/or traditional cultural properties on or in close proximity to the site. Include: 1) historic designations, 2) known artifact areas, and 3) architectural features. Attach letter received from the State Historic Preservation Office (SHPO). Discuss any anticipated effects on historic properties during Project construction and operation. Identify measures that will be taken to avoid, minimize, or mitigate adverse effects on historic properties.

The AUAR area is primarily comprised of a developed, urban area which has been previously disturbed. As described in Item 10 (Land Use), the majority of the AUAR area consists of a mix of residential, commercial, and institutional uses. The Lot D subarea is a vacant, former industrial property.

The Minnesota Office of the State Archaeologist (OSA) portal provides an inventory of publicly-available archaeological and cultural resource sites mapped at the Public Land Survey System (PLSS) township-level. Based on review of this database, there are two OSA sites extend into the 1st Street and Essentia subareas.

Publicly available data from the Minnesota Statewide Historic Inventory portal (MnSHIP) was also reviewed to identify historic sites and districts within the AUAR area. A total of 475 records were reported in the AUAR area. Appendix H presents the publicly available data obtained for the MnSHIP portal database for each subarea.

### **AUAR Scope**

The Draft AUAR will include a detailed desktop review of the Minnesota SHPO and OSA databases, local historic landmark and historic district data, and other applicable resources to identify to evaluate the potential for cultural resources to be affected by development within the AUAR area. The need for additional cultural resources investigations will be discussed as a part of the mitigation plan for the Draft AUAR. Comments on the Scoping EAW received from SHPO will be considered as a part of the development of the Draft AUAR.

### 16. Visual

Describe any scenic views or vistas on or near the Project site. Describe any Project related visual effects such as vapor plumes or glare from intense lights. Discuss the potential visual effects from the Project. Identify any measures to avoid, minimize, or mitigate visual effects.

### **AUAR Scope**

The AUAR area consists of a developed, urban environment. The natural environment is largely limited to landscaped vegetation within limited lawn space and wooded areas. The AUAR area includes approximately two miles of Lake Superior shoreline. Residential neighborhoods surround the AUAR area.

The analysis in the Draft AUAR will identify any scenic views of community importance that should be protected and/or mitigated as part of the AUAR. Potential visual effects of future development within the AUAR area will be qualitatively assessed in the Draft AUAR. Mitigation measures may include recommendations for zoning overlays or other interventions to protect views of community importance, landscape screening, vegetative buffers, adjustment of lighting recommendations, and other measures in accordance with the City's zoning code.

### 17. Air

a. Stationary source emissions - Describe the type, sources, quantities and compositions of any emissions from stationary sources such as boilers or exhaust stacks. Include any hazardous air pollutants, criteria pollutants. Discuss effects to air quality including any sensitive receptors, human health or applicable regulatory criteria. Include a discussion of any methods used assess the Project's effect on air quality and the results of that assessment. Identify pollution control equipment and other measures that will be taken to avoid, minimize, or mitigate adverse effects from stationary source emissions.

In accordance with the EQB's AUAR guidance document<sup>26</sup>, this item is not applicable to an AUAR as any stationary air emission sources large enough to merit environmental review would require individual review.

### **AUAR Scope**

The Draft AUAR will include a qualitative discussion of potential sources of low-level air emissions typically associated with the development scenarios. Development Scenario B does not propose

<sup>&</sup>lt;sup>26</sup> EQB. Alternative Urban Areawide Review Documents: Recommended Content and Format. Updated September 2008. https://www.eqb.state.mn.us/sites/eqb/files/documents/AUAR%20guidance%20%28form%29%20-9-09.pdf. Accessed September 2025.

industrial uses that would have the potential to result in new stationary source emissions.

b. Vehicle emissions - Describe the effect of the Project's traffic generation on air emissions. Discuss the Project's vehicle-related emissions effect on air quality. Identify measures (e.g. traffic operational improvements, diesel idling minimization plan) that will be taken to minimize or mitigate vehicle-related emissions.

Motorized vehicles affect air quality by emitting airborne pollutants. The changes in traffic volumes, travel patterns, and roadway locations for development Scenario B may affect air quality by changing the number of vehicles and the congestion levels in the AUAR area. It is not anticipated that Scenario B would include transportation improvement projects that would be considered regionally significant per 40 CFR Part 93.

Criteria pollutants identified by the U.S. Environmental Protection Agency (EPA) are ozone, particulate matter (PM), carbon monoxide (CO), nitrogen dioxide (NO<sub>2</sub>), lead, and sulfur dioxide (SO<sub>2</sub>). In Minnesota, air quality analysis for transportation projects primarily addresses localized CO emissions and Mobile Source Air Toxics (MSATs). The AUAR area (St. Louis County) is not located within a nonattainment area for criteria pollutants. The AUAR area is located within a maintenance area for Carbon Monoxide (1971 standard), designated in June 1994.<sup>27</sup>

### **AUAR Scope**

The Draft AUAR will include a qualitative vehicle emissions assessment conducted in accordance with MnDOT air quality analysis guidance.<sup>28</sup> It is not anticipated that a quantitative air quality analysis for CO or MSATs would be required.

c. Dust and odors - Describe sources, characteristics, duration, quantities, and intensity of dust and odors generated during Project construction and operation. (Fugitive dust may be discussed under item 17a). Discuss the effect of dust and odors in the vicinity of the Project including nearby sensitive receptors and quality of life. Identify measures that will be taken to minimize or mitigate the effects of dust and odors.

### **AUAR Scope**

Dust and odors may be of concern during construction of future development projects. The Draft AUAR will document city ordinances and codes pertaining to dust and odors and identify sensitive receptors in the vicinity of the AUAR area. Minimization and mitigation strategies for the AUAR area will be developed.

### 18. Greenhouse Gas (GHG) Emissions/Carbon Footprint

a. GHG Quantification: For all proposed Projects, provide quantification and discussion of Project GHG emissions. Include additional rows in the tables as necessary to provide Project-specific emission sources. Describe the methods used to quantify emissions. If calculation methods are not readily available to quantify GHG emissions for a source, describe the process used to come to that conclusion and any GHG emission sources not included in the total calculation.

## **AUAR Scope**

The Minnesota Environmental Quality Board's (EQB's) EAW climate adaptation and resilience guidance (June 2024)<sup>29</sup> will be used to develop the carbon footprint for the Draft AUAR. Greenhouse gas emissions will be calculated for existing conditions (baseline, development Scenario A) and the construction and

https://www.eqb.state.mn.us/sites/eqb/files/2024 eaw climate guidance 2.pdf. Accessed September 2025.

<sup>&</sup>lt;sup>27</sup>Environmental Protection Agency. EPA Green Book. Updated August 2025. Available at: <a href="https://www3.epa.gov/airguality/greenbook/anayo">https://www3.epa.gov/airguality/greenbook/anayo</a> mn.html. Accessed September 2025.

<sup>&</sup>lt;sup>28</sup> MnDOT. Air Quality Process. <a href="http://www.dot.state.mn.us/project-development/subject-guidance/air-quality/process.html">http://www.dot.state.mn.us/project-development/subject-guidance/air-quality/process.html</a>. Accessed September 2025.

<sup>&</sup>lt;sup>29</sup> EQB. Environmental Assessment Worksheet (EAW) Guidance. June 2024

operation of Development Scenario B. Land use changes will also be included in the greenhouse gas quantification.

Readily available emission calculation tools such as U.S. EPA's Simplified Greenhouse Gas Emissions Calculator (SGEC) Tool or other acceptable methods would be used for the calculations. The SGEC Tool uses building square footage to estimate natural gas and electricity usage for various building types. Construction emissions would be calculated for each development scenario based on the number and type of mobile equipment needed. Greenhouse gas emissions from the equipment exhaust would be calculated using U.S. EPA emission factors.

Summary tables will be provided for the development scenarios, summarizing construction and operation emissions.

### b. GHG Assessment

i. Describe any mitigation considered to reduce the Project's GHG emissions.

### **AUAR Scope**

Reductions in greenhouse gas emissions associated with Development Scenario B compared to the baseline Development Scenario A will be described in the Draft AUAR. Potential mitigation measures will be identified, such as energy efficient lighting or other building efficiency specifications. Specific mitigation measures would be identified at the time that specific projects are proposed within the AUAR.

ii. Describe and quantify reductions from selected mitigation, if proposed to reduce the Project's GHG emissions. Explain why the selected mitigation was preferred.

### **AUAR Scope**

Potential opportunities for GHG emissions reductions will be qualitatively evaluated as part of the Draft AUAR. At the time that specific projects are proposed within the AUAR and design details are available, potential GHG emissions reductions may be quantified.

iii. Quantify the proposed Projects predicted net lifetime GHG emissions (total tons/# of years) and how those predicted emissions may affect achievement of the Minnesota Next Generation Energy Act goals and/or other more stringent state or local GHG reduction goals.

### **AUAR Scope**

The net lifetime greenhouse gas emissions will be presented for development scenarios, along with a discussion of how the scenarios affect the state's greenhouse gas reduction goals.

### 19. Noise

Describe sources, characteristics, duration, quantities, and intensity of noise generated during Project construction and operation. Discuss the effect of noise in the vicinity of the Project including 1) existing noise levels/sources in the area, 2) nearby sensitive receptors, 3) conformance to state noise standards, and 4) quality of life. Identify measures that will be taken to minimize or mitigate the effects of noise.

In accordance with the EQB's AUAR guidance document<sup>30</sup>, it is not required to address construction noise unless there is some unusual reason to do so. No unusual circumstances are anticipated for the development scenarios that would warrant conducting a quantitative noise analysis.

The State of Minnesota's noise rules (Minn. Rules Ch. 7030) establish noise limits by noise area classifications

<sup>&</sup>lt;sup>30</sup> EQB. Alternative Urban Areawide Review Documents: Recommended Content and Format. Updated September 2008. https://www.eqb.state.mn.us/sites/default/files/documents/AUAR%20guidance%20%28form%29%20-9-09.pdf

(NACs) based on land use at the location of the person that hears noise. The MPCA enforces noise standards at industrial facilities for which it has issued an air permit. MnDOT is responsible for state highway noise mitigation and coordinates with the Federal Highway Administration (FHWA) and the MPCA to evaluate road projects for noise impacts and possible mitigation measures.

Noise impacts in Minnesota are evaluated by measuring and/or modeling the noise levels that are exceeded 10 percent and 50 percent of the time during the hours of the day and/or night that have the loudest scenario. These numbers are identified as the L10 and L50 levels, respectively. The L10 value is the noise level that is exceeded for a total of 10 percent, or six minutes, of an hour. The L50 value is the noise level that is exceeded for a total of 50 percent, or 30 minutes, of an hour.

For traffic noise analyses, traffic volume, types of vehicles, operating speed, topography, and distance from the road to the receptor influences the traffic noise level at the receptor. The sound level decreases as distance from a source increases. A general rule regarding sound level decrease due to increasing distance from a line source (roadway) that is commonly used is: beyond approximately 50 feet from the sound source, each doubling of distance from the line source over hard ground (such as pavement or water) will reduce the sound level by 3 dBA, whereas each doubling of distance over soft ground (such as vegetated or grassy ground) results in a sound level decrease of 4.5 dBA.

### 1) Existing noise levels/sources in the area

Existing noise is dominated by I-35 through downtown Duluth, Mesaba Avenue, London Road, and downtown arterial streets. Secondary sources include port and industrial activity along the waterfront, commercial loading/unloading activities in downtown, and event activity at the Bayfront Festival Park and Canal Park.

### Lot D Subarea

Current noise levels are influenced by adjacent port facilities, I-35 vehicle traffic, Bayfront Festival Park traffic and event noise, and rail corridors.

### Essentia Subarea

The existing medical campus produces noise from patient and visitor vehicle traffic, ambulance and emergency vehicles, and service deliveries.

### 1st Street Subarea

Noise is currently generated by vehicle traffic, transit operations, and downtown commercial activity.

### Secondary Subarea

East of downtown, traffic on London Road and adjacent commercial uses are the dominant noise contributors.

### 2) Nearby sensitive receptors

Sensitive receptors within and adjacent to the AUAR area include residential neighborhoods west of downtown, hillside neighborhoods overlooking the central business district, residences and hotels in Canal Park, the Essentia Health Medical Campus, nearby schools and waterfront recreational areas.

### Lot D Subarea

Sensitive receptors in proximity include Canal Park hotels and residences, and recreational/event users at Bayfront Festival Park. Pier B Hotel is adjacent to the Lot D subarea.

### Essentia Subarea

Sensitive receptors would include patients and facilities at the hospital and medical campus, and hotels and residences, including the Sheraton Duluth Hotel, and nearby residential neighborhoods.

### 1st Street Subarea

Receptors include mixed-use, residential buildings, and hotels within the corridor and adjacent hillside neighborhoods. Hotels in the 1<sup>st</sup> Street subarea include the Radisson Hotel Duluth – Harborview and Holiday Inn & Suites Downtown.

### Secondary Subarea

Receptors include residential blocks east of downtown, St. Luke's Hospital, schools along London Road, and parks and trails along the Lakewalk.

### 3) Conformance to State noise standards

Minnesota's noise pollution rules $^{31}$  are based on statistical measurements that describe noise levels over a one-hour monitoring period. Two key values are used:  $L_{10}$ , the sound level exceeded 10 percent of the time (equivalent to six minutes per hour), and  $L_{50}$  the sound level exceeded 50 percent of the time (30 minutes per hour). The rules do not establish an absolute maximum noise level.

For residential locations (Noise Area Classification 1), the daytime limits (7:00 a.m. - 10:00 p.m.) are 65 dBA for L<sub>10</sub> and 60 dBA for L<sub>50</sub> while the nighttime limits (10:00 p.m. - 7:00 a.m.) are 55 dBA for L<sub>10</sub> and 50 dBA for L<sub>50</sub>. In practice, this means that during a one-hour period, daytime noise levels cannot exceed 65 dBA for more than 10 percent of the time or 60 dBA for more than 50 percent of the time. Table 12 provides a summary of the Noise Area Classifications and associated standards.

**Table 13. Noise Area Classifications** 

NAC Common land use associated with the Noise Area Classification	Daytime (dBA)		Nighttime (dBA)		
	Noise Area Classification	L <sub>10</sub>	L <sub>50</sub>	L <sub>10</sub>	L <sub>50</sub>
1	Residential housing, religious activities, camping and picnicking areas, health services, hotels, educational services	65	60	55	50
2	Retail, business and government services, recreational activities, transit passenger terminals	70	65	70	65
3	Manufacturing, fairgrounds and amusement parks, agricultural and forestry activities	80	75	80	75

NACs are determined by the land use at the location where the noise is received, which does not always correspond to the zoning designation of the area. As a result, noise generated by an industrial facility adjacent to residential properties is subject to NAC 1 standards if it can be heard on those residential parcels.

By state law, all future development within the AUAR area must comply with Minnesota's noise standards. In addition, future land uses must comply with local noise requirements under Duluth's Legislative Code, which incorporates the City's ordinances.

# **AUAR Scope**

<sup>&</sup>lt;sup>31</sup> More information on Minnesota Noise rules, Minn. Rules Ch. 7030, may be found at: <a href="https://www.pca.state.mn.us/sites/default/files/p-gen6-01.pdf">https://www.pca.state.mn.us/sites/default/files/p-gen6-01.pdf</a>

Area-specific evaluations in the Draft AUAR will assess whether operational noise from maximum development could approach NAC limits. Where necessary, design strategies (setbacks, orientation, landscaping) or operational measures will be identified to maintain compliance.

### Quality of life

Maximum development would likely increase background noise levels. However, these changes are anticipated to remain consistent with those of a typical urban environment. Quality of life considerations would focus on residential livability in adjacent hillside neighborhoods, lodging and residential uses in Canal Park, the sensitivity of medical campus operations within the Essentia Health Medical Campus, and recreational use of the waterfront and Lakewalk.

### **AUAR Scope**

The Draft AUAR will evaluate the potential quality of life impacts resulting from operational noise generated by the development scenarios. Mitigation strategies will be identified as applicable.

### 20. Transportation

a. Describe traffic-related aspects of Project construction and operation. Include: 1) existing and proposed additional parking spaces, 2) estimated total average daily traffic generated, 3) estimated maximum peak hour traffic generated and time of occurrence, 4) indicate source of trip generation rates used in the estimates, and 5) availability of transit and/or other alternative transportation modes.

### **AUAR Scope**

Per EQB's AUAR Recommended Content and Format guidance<sup>32</sup>, a traffic analysis is required in accordance with the Minnesota Department of Transportation (MnDOT) Traffic Impact Study (TIS) Guidance<sup>33</sup> and local guidance. MnDOT guidance establishes that a TIS is triggered if development generates more than 250 peak-hour vehicle trips or 2,500 average daily trips.

Given the scale of the AUAR area and that, with the exception of Lot D, specific development plans are not currently available, a comprehensive TIS will not be prepared for the entire AUAR area. Instead, the Draft AUAR will provide a qualitative discussion of the existing transportation network and the capacity of major roadway corridors.

For the Lot D subarea, a concept plan is currently proposed by Inland and a TIS will be prepared for the development for Lot D. The TIS will assess the following study intersections:

- Garfield Avenue/Railroad Street
- Railroad Street/5th Avenue W
- Harbor Drive/5th Avenue W
- I-35 northbound ramps/Harbor Drive
- I-35 southbound ramps/Harbor Drive
- Railroad Street/Harbor Drive
- b. Discuss the effect on traffic congestion on affected roads and describe any traffic improvements necessary. The analysis must discuss the Project's impact on the regional transportation system. If the peak hour traffic generated exceeds 250 vehicles or the total daily trips exceeds 2,500, a traffic impact study must be prepared as part of the EAW. Use the format and procedures described in the Minnesota Department of Transportation's Access Management Manual, Chapter 5 (available at: http://www.dot.state.mn.us/accessmanagement/resources.html) or a similar local guidance.

<sup>32</sup> Minnesota Environmental Quality Board (EQB). Recommended Content and Format for AUAR Documents. September 2008.

<sup>&</sup>lt;sup>33</sup> Minnesota Department of Transportation (MnDOT). *Traffic Impact Study (TIS) Guidance*. Available at: <a href="http://www.dot.state.mn.us/accessmanagement/resources.html">http://www.dot.state.mn.us/accessmanagement/resources.html</a>. Accessed October 2025

### **AUAR Scope**

The Draft AUAR will evaluate the potential effects of Development Scenario B on traffic congestion and roadway performance, focusing on major corridors such as I-35, Mesaba Avenue, London Road, and key downtown arterials. For the overall AUAR area, this analysis will remain qualitative, emphasizing network capacity and existing travel patterns.

For Lot D, the dedicated TIS will provide a quantitative assessment of traffic operations at the identified intersections. The analysis will develop in peak-hour trip generation estimates for the proposed development and evaluate intersection operations for the existing and proposed conditions.

c. Identify measures that will be taken to minimize or mitigate Project related transportation effects.

### **AUAR Scope**

As part of the TIS to be prepared for the Lot D subarea, mitigation measures will be identified if warranted by study results.

### 21. Cumulative Potential Effects

(Preparers can leave this item blank if cumulative potential effects are addressed under the applicable EAW Items)

a. Describe the geographic scales and timeframes of the Project related environmental effects that could combine with other environmental effects resulting in cumulative potential effects.

### **AUAR Scope**

The cumulative potential effects analysis will consider land adjacent to and within approximately a one-mile radius of the AUAR area. This scale captures the neighborhoods, commercial districts, waterfront, and transportation corridors most likely to experience the combined effects of the development within the AUAR area. Maximum development under Development Scenario B is anticipated to occur in phases over several years, depending on market conditions. The cumulative potential effects analysis will consider reasonably foreseeable projects that are funded or planned for construction within the next ten years.

b. Describe any reasonably foreseeable future Projects (for which a basis of expectation has been laid) that may interact with environmental effects of the proposed Project within the geographic scales and timeframes identified above.

### **AUAR Scope**

The Draft AUAR will include a review of reasonably foreseeable projects that may interact with environmental effects of the development scenarios within the identified geographic scale and timeframe. Desktop sources to be consulted will include the EQB's Environmental Review Projects Database, <sup>34</sup> the City of Duluth's capital improvement and redevelopment planning documents, MnDOT construction schedules, and St. Louis County public works projects. Additional input will be obtained from City of Duluth staff regarding current and planned development, transportation improvements, and downtown infrastructure projects.

c. Discuss the nature of the cumulative potential effects and summarize any other available information relevant to determining whether there is potential for significant environmental effects due to these cumulative effects.

<sup>&</sup>lt;sup>34</sup> EQB. Environmental Review Projects Database. https://webapp.pca.state.mn.us/egb-search/search

### **AUAR Scope**

If reasonably foreseeable projects are identified under Item 21.a, the Draft AUAR will evaluate how their environmental effects could interact with those of the development scenarios.

### 22. Other Potential Environmental Effects

If the Project may cause any additional environmental effects not addressed by items 1 to 19, describe the effects here, discuss how the environment will be affected, and identify measures that will be taken to minimize and mitigate these effects.

No other potential environmental effects are anticipated that are not addressed by Items 1 through 21.

# Appendix A

List of Parcels within the AUAR area

Subarea	Parcel ID No.
1st St	010-0173-00040
1st St	010-0410-00010
1st St	010-0410-00020
1st St	010-0410-00050
1st St	010-0410-00055
1st St	010-0410-00080
1st St	010-0410-00150
1st St	010-0410-00180
1st St	010-0410-00210
1st St	010-0410-00220
1st St	010-0410-00240
1st St	010-0410-00250
1st St	010-0410-00270
1st St	010-0410-00320
1st St	010-0410-00390
1st St	010-0410-00420
1st St	010-0410-00530
1st St	010-0410-00540
1st St	010-0410-00550
1st St	010-0410-00570
1st St	010-0410-00580
1st St	010-0410-00590
1st St	010-0410-00630
1st St	010-0410-00640
1st St	010-0410-00650
1st St	010-0410-00660
1st St	010-0410-00680
1st St	010-0410-00690
1st St	010-0410-00700
1st St	010-0410-00710
1st St	010-0410-00720
1st St	010-0410-00730
1st St	010-0410-00750
1st St	010-0410-00760
1st St	010-0410-00780
1st St	010-0410-00790
1st St	010-0410-00800
1st St	010-0410-00840
1st St	010-0410-00860
1st St	010-0410-00880
1st St	010-0410-00930
1st St	010-0410-00990
1st St	010-0410-01035
1st St	010-0410-01090
1st St	010-0410-01110
1st St	010-0410-01130
1st St	010-0410-01150
1st St	010-0410-01170
1st St	010-0410-01200
1st St	010-0410-01210
1st St	010-0410-01250

Subarea	Parcel ID No.
1st St	010-0410-01290
1st St	010-0410-01330
1st St	010-0410-01340
1st St	010-0410-01350
1st St	010-0410-01370
1st St	010-0410-01390
1st St	010-0410-01411
1st St	010-0910-00020
1st St	010-0910-00090
1st St	010-0910-00180
1st St	010-0910-00200
1st St	010-0910-00220
1st St	010-0910-00230
1st St	010-0910-00240
1st St	010-0910-00260
1st St	010-0910-00270
1st St	010-0910-00280
1st St	010-0910-00290
1st St	010-0910-00420
1st St	010-0910-00435
1st St	010-0920-00020
1st St	010-0920-00030
1st St	010-0920-00050
1st St	010-0920-00060
1st St	010-0920-00070
1st St	010-0920-00080
1st St	010-0920-00120
1st St	010-0920-00125
1st St	010-0920-00130
1st St	010-0920-00140
1st St	010-0920-00160
1st St	010-0920-00180
1st St	010-0920-00210
1st St	010-0920-00230
1st St	010-0920-00260
1st St	010-0920-00270
1st St	010-0920-00280
1st St	010-0920-00300
1st St	010-0920-00320
1st St	010-0920-00410
1st St	010-0920-00421
1st St	010-0920-00422
1st St	010-0920-00440
1st St	010-0920-00450
1st St	010-0920-00460
1st St	010-0920-00470
1st St	010-0920-00480
1st St	010-0920-00490
1st St	010-0920-00500
1st St	010-0920-00510
1st St	010-0920-00540

Subarea	Parcel ID No.
1st St	010-0920-00550
1st St	010-0920-00625
1st St	010-0930-00010
1st St	010-0930-00030
1st St	010-0930-00040
1st St	010-0930-00050
1st St	010-0930-00060
1st St	010-0930-00070
1st St	010-0930-00090
1st St	010-0930-00095
1st St	010-0930-00170
1st St	010-0930-00175
1st St	010-0930-00240
1st St	010-0930-00270
1st St	010-0930-00290
1st St	010-0930-00320
1st St	010-0930-00330
1st St	010-0930-00340
1st St	010-0930-00440
1st St	010-0930-00452
1st St	010-0930-00500
1st St	010-0930-00510
1st St	010-0930-00520
1st St	010-0930-00530
1st St	010-0930-00535
1st St	010-0930-00540
1st St	010-0930-00550
1st St	010-0930-00560
1st St	010-0930-00580
1st St	010-0930-00600
1st St	010-0930-00620
1st St	010-0930-00622
1st St	010-0930-00630
1st St	010-0930-00640
1st St	010-0930-00650
1st St	010-0930-00670
1st St	010-0930-00680
1st St	010-0930-00700
1st St	010-0930-00720
1st St	010-0930-00740
1st St	010-0930-00760
1st St	010-0930-00780
1st St	010-0930-00800
1st St	010-0930-00810
1st St	010-0930-00840
1st St	010-0940-00010
1st St	010-0940-00030
1st St	010-0940-00040
1st St	010-0940-00060
1st St	010-0940-00062
1st St	010-0940-00065

Subarea	Parcel ID No.
1st St	010-0940-00066
1st St	010-0940-00085
1st St	010-0940-00086
1st St	010-0940-00090
1st St	010-0940-00130
1st St	010-0940-00150
1st St	010-0940-00160
1st St	010-0940-00180
1st St	010-0940-00200
1st St	010-0940-00220
1st St	010-0940-00240
1st St	010-0940-00290
1st St	010-0940-00300
1st St	010-0940-00302
1st St	010-0940-00303
1st St	010-0940-00320
1st St	010-0940-00330
1st St	010-0940-00340
1st St	010-0940-00350
1st St	010-0940-00360
1st St	010-0940-00380
1st St	010-0940-00420
1st St	010-0940-00430
1st St	010-0940-00450
1st St	010-0940-00460
1st St	010-0940-00480
1st St	010-0940-00570
1st St	010-0940-00580
1st St	010-0940-00590
1st St	010-0940-00610
1st St	010-0940-00630
1st St	010-0940-00650
1st St	010-0940-00670
1st St	010-0940-00680
1st St	010-0940-00690
1st St	010-0940-00700
1st St	010-0940-00710
1st St	010-0940-00712
1st St	010-0940-00720
1st St	010-0940-00725
1st St	010-0940-00730
1st St	010-0940-00770
1st St	010-0940-00790
1st St	010-0940-00820
1st St	010-0940-00840
1st St	010-0940-00850
1st St	010-0940-00860
1st St	010-0940-00870
1st St	010-0940-00880
1st St	010-0940-00920
1st St	010-0940-00960

1st St       01         1st St       01         1st St       01	arcel ID No. 10-0940-00980
1st St         01           1st St         01	
1st St 01	10-0940-00985
	10-0940-01020
1st St   01	10-0940-01070
	10-0940-01100
	10-0940-01120
	10-0940-01130
	10-0940-01150
	10-0940-01170
	10-0940-01200
	10-0940-01245
	10-0940-01250
	10-0940-01255
	10-0950-00520
	10-0950-00550
	10-0950-00560
	10-0950-00570
	10-0950-00580
	10-0950-00590
	10-0950-00600
	10-0950-00620
	10-0950-00622
	10-0950-00660
	10-0950-00700
	10-0950-00720
1st St 01	10-0950-00740
1st St 01	10-0950-00790
1st St 01	10-0950-00820
1st St 01	10-0950-00830
1st St 01	10-0950-00850
1st St 01	10-0950-00870
1st St 01	10-0950-00880
1st St 01	10-0960-00490
1st St 01	10-0960-00510
1st St 01	10-0960-00530
1st St 01	10-0960-00560
1st St 01	10-0960-00580
1st St 01	10-0960-00600
1st St 01	10-0960-00640
1st St 01	10-0960-00760
1st St 01	10-0960-00790
1st St 01	10-0960-00800
1st St 01	10-0960-00820
1st St 01	10-0960-00830
1st St 01	10-0960-00850
1st St 01	10-0960-00870
1st St 01	10-0960-00890
1st St 01	10-0960-01010
1st St 01	10-0960-01050
1st St 01	10-0960-01055
1st St 01	10-0960-01060

Subarea	Parcel ID No.
1st St	010-0960-01070
1st St	010-0960-01080
1st St	010-1250-00300
1st St	010-1270-00050
1st St	010-1230-00052
1st St	010-1230-00055
1st St	010-1230-00083
1st St	010-1230-00085
1st St	010-1230-00087
1st St	010-1230-00088
1st St	010-1230-00089
1st St	010-1230-00140
1st St	010-1230-00145
1st St	010-1230-00200
1st St	010-1230-00201
1st St	010-1230-00220
1st St	010-1230-00230
1st St	010-1230-00250
1st St	010-1230-00260
1st St	010-1230-00280
1st St	010-1230-00380
1st St	010-1230-00440
1st St	010-1230-00480
1st St	010-1230-00490
1st St	010-1230-00500
1st St	010-1230-00550
1st St	010-1230-00580
1st St	010-1230-00660
1st St	010-1230-00670
1st St	010-1230-01700
1st St	010-1230-01710
1st St	010-1230-01720
1st St	010-1230-01900
1st St	010-1230-01902
1st St	010-1230-01910
1st St	010-1230-01960
1st St	010-1230-02000
1st St	010-1230-02002
1st St	010-1230-02100
1st St	010-1230-02105
1st St	010-1230-02330
1st St	010-1230-02340
1st St	010-1230-02360
1st St	010-1230-02380
1st St	010-1230-02400
1st St	010-1230-02460
1st St	010-2710-06505
1st St	010-2710-06506
1st St	010-2710-06507
1st St	010-3595-00010
1st St	

Subarea	Parcel ID No.
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1st St	010-3595-00020
1st St	010-3595-00030
1st St	010-3595-00040
1st St	010-3595-00050
1st St	010-3943-00010
1st St	010-3957-00010
1st St	010-3957-00020
1st St	010-3964-00050
1st St	010-4448-00001
1st St	Unidentified
1st St	Unidentified
1st St	010-0410-00120
1st St	010-0410-00130
Essentia	010-0172-00930
Essentia	010-0172-00940
Essentia	010-0172-00950
Essentia	010-0990-00320
Essentia	010-0990-00420
Essentia	010-0990-00440
Essentia	010-0990-00460
Essentia	010-0990-00490
Essentia	010-0990-00510
Essentia	010-0990-00520
Essentia	010-0990-00540
Essentia	010-0990-00570
Essentia	010-0990-00580
Essentia	010-0990-00585
Essentia	010-0990-00610
Essentia	010-0990-00620
Essentia	010-0990-01120
Essentia	010-0990-01180
Essentia	010-0990-01210
Essentia	010-0990-01310
Essentia	010-0990-01320
Essentia	010-0990-01350
Essentia	010-0990-01360
Essentia	010-0930-00370
Essentia	010-1010-00810
Essentia	010-1010-00860
Essentia	010-1010-00870
Essentia	010-1010-00880
Essentia	010-1010-00900
Essentia	010-1010-00930
Essentia	010-1010-00950
Essentia	010-1010-00960
Essentia	010-1010-00970
Essentia	010-1010-00980
Essentia	010-1010-01700
Essentia	010-1010-01710
Essentia	010-1010-01760

Cubaras	Parcel ID No.
Subarea Essentia	
	010-1010-01800
Essentia	010-1010-01815
Essentia	010-1010-01830
Essentia	010-1010-01920
Essentia	010-1010-01930
Essentia	010-1010-01940
Essentia	010-1010-01950
Essentia	010-0950-00330
Essentia	010-0950-00980
Essentia	010-0950-01010
Essentia	010-0950-01020
Essentia	010-0950-01030
Essentia	010-0950-01040
Essentia	010-0970-00320
Essentia	010-0970-00340
Essentia	010-0970-00360
Essentia	010-0970-00370
Essentia	010-0970-00390
Essentia	010-0970-00400
Essentia	010-0970-00520
Essentia	010-0970-00780
Essentia	010-0970-00860
Essentia	010-0970-00930
Essentia	010-3820-01321
Essentia	010-3820-01330
Essentia	010-3820-01340
Essentia	010-3820-01342
Essentia	010-3820-01500
Essentia	010-3820-01520
Essentia	010-3820-01530
Essentia	010-3830-00200
Essentia	010-3830-00290
Essentia	010-3830-00310
Essentia	010-3830-02500
Essentia	010-3830-02520
Essentia	010-3830-02560
Essentia	010-3830-02580
Essentia	010-3830-02650
Essentia	010-3830-02750
Essentia	010-3830-02860
Essentia	010-3830-02870
Essentia	010-3830-02900
Essentia	010-3830-02940
Essentia	010-3830-03050
Essentia	010-3830-03090
Essentia	010-3830-03100
Essentia	010-3830-03110
Essentia	010-3830-03120
Essentia	010-3830-03140
Essentia	010-3830-03150
Essentia	010-3830-03170

Subaraa	Parcel ID No.
Subarea Essentia	
	010-3830-03240
Essentia	010-3830-03260
Essentia	010-3830-03360
Essentia	010-3830-03770
Essentia	010-3830-03780
Essentia	010-3830-03800
Essentia	010-3830-03810
Essentia	010-3830-03820
Essentia	010-3830-03830
Essentia	010-3830-03850
Essentia	010-3830-03870
Essentia	010-3830-03880
Essentia	010-3830-06160
Essentia	010-3830-06180
Essentia	010-3830-06190
Essentia	010-3830-06200
Essentia	010-3830-06205
Essentia	010-3830-06240
Essentia	010-3830-06360
Essentia	010-3830-06400
Essentia	010-3830-06760
Essentia	010-3830-06900
Essentia	010-3830-06930
Essentia	010-3830-07000
Essentia	010-3830-07020
Essentia	010-3830-17840
Essentia	010-3830-17860
Essentia	010-3830-17870
Essentia	010-3830-17880
Essentia	010-3830-17890
Essentia	010-3830-17910
Essentia	010-3830-17940
Essentia	010-3830-17970
Essentia	010-3830-18000
Essentia	010-3830-18010
Essentia	010-3830-18020
Essentia	010-3830-18030
Essentia	010-3830-18050
Essentia	010-3830-07030
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Essentia	010-3830-07200
Essentia	010-3915-00070
Essentia	010-3915-00080
Essentia	010-3830-09870
Essentia	010-3830-09980
Essentia	010-3830-10060
Essentia	010-3830-10110
Essentia	010-3830-10155
Essentia	010-3830-10160
Essentia	010-3830-10380
Essentia	010-3830-10420

Subarea	Parcel ID No.
Essentia	010-3830-10540
Essentia	010-3830-10590
Essentia	010-3830-10595
Essentia	010-3830-10600
Essentia	010-3830-10620
Essentia	010-3830-10640
Essentia	010-3830-10650
Essentia	010-3830-10670
Essentia	010-3830-10690
Essentia	010-3830-10691
Essentia	010-3830-13880
Essentia	010-3830-13889
Essentia	010-3830-13890
Essentia	010-3830-13940
Essentia	010-3830-13970
Essentia	010-3830-13980
Essentia	010-3830-14070
Essentia	010-3830-14100
Essentia	010-3830-14110
Essentia	010-3830-14140
Essentia	010-3830-14190
Essentia	010-3830-14230
Essentia	010-3830-14410
Essentia	010-0160-00590
Essentia	010-3830-00320
Lot D	010-0200-01490
Lot D	010-0210-00010
Lot D	010-0210-00220
Lot D	010-0210-00340
Lot D	Unsurveyed Land
Lot D	Unsurveyed Land
Lot D	010-0210-00300
Secondary	010-0190-00030
Secondary	010-0190-00050
Secondary	010-0190-00060
Secondary	010-0190-00140
Secondary	010-0190-00150
Secondary	010-0190-00170
Secondary	010-0190-00180
Secondary	010-0190-00200
Secondary	010-0190-00250
Secondary	010-0190-00290
Secondary	010-0190-00330
Secondary	010-0190-00560
Secondary	010-0190-00590
Secondary	010-0190-00600
Secondary	010-0190-00610
Secondary	010-0190-00640
Secondary	010-0190-00650
Secondary	010-0190-00750
Secondary	010-0190-00770

Subarea	Parcel ID No.
Secondary	010-0190-00790
Secondary	010-0190-00840
Secondary	010-0190-00860
Secondary	010-0190-00890
Secondary	010-0190-01120
Secondary	010-0190-01140
Secondary	010-0190-01160
Secondary	010-0190-01220
Secondary	010-0190-01250
Secondary	010-3830-00970
Secondary	010-3830-01090
Secondary	010-3830-01110
Secondary	010-3830-01120
Secondary	010-3830-01140
Secondary	010-3830-01150
Secondary	010-3830-01160
Secondary	010-3830-01170
Secondary	010-3830-01180
Secondary	010-3830-01190
Secondary	010-3830-01220
Secondary	010-3830-01230
Secondary	010-3830-01240
Secondary	010-3830-01250
Secondary	010-3830-01302
Secondary	010-3830-01530
Secondary	010-3830-01540
Secondary	010-3830-01560
Secondary	010-3830-01600
Secondary	010-3830-01620
Secondary	010-3830-01645
Secondary	010-3830-01660
Secondary	010-3830-01670
Secondary	010-3830-01675
Secondary	010-3830-01680
Secondary	010-3830-01740
Secondary	010-3830-01800
Secondary	010-3830-01820
Secondary	010-3830-01880
Secondary	010-3830-02000
Secondary	010-3830-02070
Secondary	010-3830-02080
Secondary	010-3830-02100
Secondary	010-3830-02110
Secondary	010-3830-02120
Secondary	010-3830-02130
Secondary	010-3830-02162
Secondary	010-3830-02195
Secondary	010-3830-02280
Secondary	010-3830-02340
Secondary	010-3830-02370

Secondary         010-3830-02430           Secondary         010-3830-02450           Secondary         010-3830-02470           Secondary         010-3830-03920           Secondary         010-3830-03955           Secondary         010-3830-03965           Secondary         010-3830-03980           Secondary         010-3830-04000           Secondary         010-3830-04010           Secondary         010-3830-04010           Secondary         010-3830-04020           Secondary         010-3830-04070           Secondary         010-3830-04080           Secondary         010-3830-04090           Secondary         010-3830-04409           Secondary         010-3830-04409           Secondary         010-3830-04409           Secondary         010-3830-04509           Secondary         010-3830-05409           Secondary         010-3830-05409	Subarea	Parcel ID No.
Secondary         010-3830-02450           Secondary         010-3830-02470           Secondary         010-3830-03920           Secondary         010-3830-03920           Secondary         010-3830-03965           Secondary         010-3830-03965           Secondary         010-3830-04000           Secondary         010-3830-04000           Secondary         010-3830-04010           Secondary         010-3830-04070           Secondary         010-3830-04070           Secondary         010-3830-04080           Secondary         010-3830-04690           Secondary         010-3830-04695           Secondary         010-3830-04695           Secondary         010-3830-04695           Secondary         010-3830-05409           Secondary         010-3830-05400           Secondary         010-3830-05400           Secondary         010-3830-05400		
Secondary         010-3830-02450           Secondary         010-3830-03920           Secondary         010-3830-03955           Secondary         010-3830-03965           Secondary         010-3830-03965           Secondary         010-3830-04000           Secondary         010-3830-04010           Secondary         010-3830-04010           Secondary         010-3830-04070           Secondary         010-3830-04070           Secondary         010-3830-04070           Secondary         010-3830-04407           Secondary         010-3830-04440           Secondary         010-3830-04460           Secondary         010-3830-04690           Secondary         010-3830-04690           Secondary         010-3830-04695           Secondary         010-3830-04695           Secondary         010-3830-04696           Secondary         010-3830-04696           Secondary         010-3830-04696           Secondary         010-3830-04696           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-0540           Secondary         010-3830-0540           <	,	
Secondary 010-3830-03920 Secondary 010-3830-03920 Secondary 010-3830-03955 Secondary 010-3830-03955 Secondary 010-3830-03985 Secondary 010-3830-04000 Secondary 010-3830-04000 Secondary 010-3830-04010 Secondary 010-3830-04010 Secondary 010-3830-04010 Secondary 010-3830-04070 Secondary 010-3830-04070 Secondary 010-3830-04070 Secondary 010-3830-04080 Secondary 010-3830-04240 Secondary 010-3830-04480 Secondary 010-3830-04480 Secondary 010-3830-04480 Secondary 010-3830-04690 Secondary 010-3830-04690 Secondary 010-3830-04690 Secondary 010-3830-0580 Secondary 010-3830-05400 Secondary 010-3830-05400 Secondary 010-3830-05500 Secondary 010-3830-05500 Secondary 010-3830-05510 Secondary 010-3830-05500 Secondary 010-3830-05600 Secondary 010-3830-05900 Secondary 010-3830-05900 Secondary 010-3830-05900 Secondary 010-3830-05900 Sec	,	
Secondary         010-3830-03920           Secondary         010-3830-03955           Secondary         010-3830-03965           Secondary         010-3830-03980           Secondary         010-3830-04000           Secondary         010-3830-04010           Secondary         010-3830-04070           Secondary         010-3830-04070           Secondary         010-3830-04070           Secondary         010-3830-04080           Secondary         010-3830-04400           Secondary         010-3830-04400           Secondary         010-3830-04400           Secondary         010-3830-04440           Secondary         010-3830-0490           Secondary         010-3830-0490           Secondary         010-3830-0490           Secondary         010-3830-0490           Secondary         010-3830-05140           Secondary         010-3830-05140           Secondary         010-3830-05420           Secondary         010-3830-05420           Secondary         010-3830-05450           Secondary         010-3830-05450           Secondary         010-3830-05510           Secondary         010-3830-05510 <td< td=""><td>,</td><td></td></td<>	,	
Secondary 010-3830-03965 Secondary 010-3830-03965 Secondary 010-3830-03980 Secondary 010-3830-04000 Secondary 010-3830-04010 Secondary 010-3830-04010 Secondary 010-3830-04010 Secondary 010-3830-04020 Secondary 010-3830-04070 Secondary 010-3830-04080 Secondary 010-3830-04080 Secondary 010-3830-04800 Secondary 010-3830-04800 Secondary 010-3830-04800 Secondary 010-3830-04800 Secondary 010-3830-04890 Secondary 010-3830-04890 Secondary 010-3830-04890 Secondary 010-3830-04890 Secondary 010-3830-05800 Secondary 010-3830-05800 Secondary 010-3830-05800 Secondary 010-3830-05400 Secondary 010-3830-05400 Secondary 010-3830-05400 Secondary 010-3830-05400 Secondary 010-3830-05500 Secondary 010-3830-05300 Secondary 010-3830-05300 Secondary 010-3830-05300 Secondary 010-3830-05300 Secondary 010-3830-05	<u> </u>	
Secondary	,	
Secondary         010-3830-04000           Secondary         010-3830-04000           Secondary         010-3830-04000           Secondary         010-3830-04020           Secondary         010-3830-04080           Secondary         010-3830-04240           Secondary         010-3830-04460           Secondary         010-3830-04690           Secondary         010-3830-04690           Secondary         010-3830-04690           Secondary         010-3830-04690           Secondary         010-3830-04690           Secondary         010-3830-0580           Secondary         010-3830-0580           Secondary         010-3830-0580           Secondary         010-3830-0520           Secondary         010-3830-0520           Secondary         010-3830-05420           Secondary         010-3830-05420           Secondary         010-3830-05400           Secondary         010-3830-05400           Secondary         010-3830-05400           Secondary         010-3830-05510           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05530	•	
Secondary         010-3830-04000           Secondary         010-3830-04010           Secondary         010-3830-04020           Secondary         010-3830-04020           Secondary         010-3830-04080           Secondary         010-3830-04240           Secondary         010-3830-04480           Secondary         010-3830-04695           Secondary         010-3830-04695           Secondary         010-3830-04695           Secondary         010-3830-04940           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05400           Secondary         010-3830-05400           Secondary         010-3830-05400           Secondary         010-3830-05400           Secondary         010-3830-05500           Secondary         010-3830-05500           Secondary         010-3830-05500           Secondary         010-3830-05500           Secondary         010-3830-05500	, and the second	
Secondary         010-3830-04010           Secondary         010-3830-04020           Secondary         010-3830-04070           Secondary         010-3830-04080           Secondary         010-3830-04240           Secondary         010-3830-04460           Secondary         010-3830-04690           Secondary         010-3830-04695           Secondary         010-3830-04890           Secondary         010-3830-0580           Secondary         010-3830-0580           Secondary         010-3830-05400           Secondary         010-3830-05500           Secondary         010-3830-05500           Secondary         010-3830-0550           Secondary         010-3830-05500           Secondary         010-3830-05600 <t< td=""><td>,</td><td></td></t<>	,	
Secondary         010-3830-04070           Secondary         010-3830-04070           Secondary         010-3830-04240           Secondary         010-3830-04460           Secondary         010-3830-04695           Secondary         010-3830-04695           Secondary         010-3830-05680           Secondary         010-3830-05980           Secondary         010-3830-05980           Secondary         010-3830-0520           Secondary         010-3830-0540           Secondary         010-3830-05420           Secondary         010-3830-05420           Secondary         010-3830-05420           Secondary         010-3830-05450           Secondary         010-3830-05450           Secondary         010-3830-05450           Secondary         010-3830-05450           Secondary         010-3830-05400           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05530           Secondary         010-3830-0550           Secondary         010-3830-0550           Secondary         010-3830-05600 <td< td=""><td>,</td><td></td></td<>	,	
Secondary         010-3830-04080           Secondary         010-3830-04240           Secondary         010-3830-04240           Secondary         010-3830-0460           Secondary         010-3830-04690           Secondary         010-3830-04940           Secondary         010-3830-05080           Secondary         010-3830-05140           Secondary         010-3830-0520           Secondary         010-3830-0520           Secondary         010-3830-05420           Secondary         010-3830-05450           Secondary         010-3830-05450           Secondary         010-3830-05450           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05520           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05530           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600 <t< td=""><td>,</td><td></td></t<>	,	
Secondary         010-3830-04240           Secondary         010-3830-04240           Secondary         010-3830-04690           Secondary         010-3830-04690           Secondary         010-3830-04940           Secondary         010-3830-0580           Secondary         010-3830-0580           Secondary         010-3830-0520           Secondary         010-3830-0520           Secondary         010-3830-0520           Secondary         010-3830-05420           Secondary         010-3830-05420           Secondary         010-3830-05420           Secondary         010-3830-05420           Secondary         010-3830-0540           Secondary         010-3830-0540           Secondary         010-3830-0540           Secondary         010-3830-05540           Secondary         010-3830-05520           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05580           Secondary         010-3830-05580           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-0560           Seco	,	
Secondary         010-3830-04240           Secondary         010-3830-04660           Secondary         010-3830-04695           Secondary         010-3830-0580           Secondary         010-3830-0580           Secondary         010-3830-0580           Secondary         010-3830-05280           Secondary         010-3830-05280           Secondary         010-3830-05420           Secondary         010-3830-05450           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05580           Secondary         010-3830-05580           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600 <t< td=""><td>,</td><td></td></t<>	,	
Secondary         010-3830-04460           Secondary         010-3830-04690           Secondary         010-3830-04996           Secondary         010-3830-0540           Secondary         010-3830-0580           Secondary         010-3830-05140           Secondary         010-3830-05280           Secondary         010-3830-05280           Secondary         010-3830-05420           Secondary         010-3830-05450           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05530           Secondary         010-3830-05580           Secondary         010-3830-05580           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05660           Secondary         010-3830-05780           Secondary         010-3830-05780           <	,	
Secondary         010-3830-04690           Secondary         010-3830-04695           Secondary         010-3830-04940           Secondary         010-3830-05080           Secondary         010-3830-05140           Secondary         010-3830-05280           Secondary         010-3830-05450           Secondary         010-3830-05450           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05500           Secondary         010-3830-05580           Secondary         010-3830-05580           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05650           Secondary         010-3830-05650           Secondary         010-3830-05650           Secondary         010-3830-05650           Secondary         010-3830-05730           Secondary         010-3830-05800	,	
Secondary         010-3830-04695           Secondary         010-3830-05080           Secondary         010-3830-05080           Secondary         010-3830-05140           Secondary         010-3830-05280           Secondary         010-3830-05420           Secondary         010-3830-05420           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05510           Secondary         010-3830-05510           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05550           Secondary         010-3830-05550           Secondary         010-3830-05560           Secondary         010-3830-05680           Secondary         010-3830-05600           Secondary         010-3830-05640           Secondary         010-3830-05660           Secondary         010-3830-05660           Secondary         010-3830-05695           Secondary         010-3830-05730           Secondary         010-3830-05780           Secondary         010-3830-05800           Secondary         010-3830-05800	,	
Secondary         010-3830-05080           Secondary         010-3830-05080           Secondary         010-3830-05280           Secondary         010-3830-05280           Secondary         010-3830-05420           Secondary         010-3830-05450           Secondary         010-3830-05450           Secondary         010-3830-05490           Secondary         010-3830-05510           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05550           Secondary         010-3830-05550           Secondary         010-3830-05580           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05605           Secondary         010-3830-05730           Secondary         010-3830-05770           Secondary         010-3830-05780           Secondary         010-3830-05800           Secondary         010-3830-05800	•	
Secondary         010-3830-05080           Secondary         010-3830-05280           Secondary         010-3830-05280           Secondary         010-3830-05420           Secondary         010-3830-05450           Secondary         010-3830-05450           Secondary         010-3830-05480           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05520           Secondary         010-3830-05550           Secondary         010-3830-05550           Secondary         010-3830-05560           Secondary         010-3830-05580           Secondary         010-3830-05600           Secondary         010-3830-05620           Secondary         010-3830-05620           Secondary         010-3830-05620           Secondary         010-3830-05620           Secondary         010-3830-05620           Secondary         010-3830-05620           Secondary         010-3830-05650           Secondary         010-3830-05650           Secondary         010-3830-05730           Secondary         010-3830-05730           Secondary         010-3830-05800		
Secondary         010-3830-05140           Secondary         010-3830-05280           Secondary         010-3830-05420           Secondary         010-3830-05450           Secondary         010-3830-05480           Secondary         010-3830-05540           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05550           Secondary         010-3830-05560           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05620           Secondary         010-3830-05640           Secondary         010-3830-05650           Secondary         010-3830-05650           Secondary         010-3830-05665           Secondary         010-3830-05675           Secondary         010-3830-05730           Secondary         010-3830-05780           Secondary         010-3830-05780           Secondary         010-3830-05800           Secondary         010-3830-05930           Secondary         010-3830-05930		
Secondary         010-3830-05280           Secondary         010-3830-05420           Secondary         010-3830-05450           Secondary         010-3830-05480           Secondary         010-3830-05490           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05530           Secondary         010-3830-05500           Secondary         010-3830-05500           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05600           Secondary         010-3830-05730           Secondary         010-3830-05730           Secondary         010-3830-05770           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-05930	·	
Secondary         010-3830-05420           Secondary         010-3830-05480           Secondary         010-3830-05480           Secondary         010-3830-05490           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05500           Secondary         010-3830-05500           Secondary         010-3830-05500           Secondary         010-3830-05600           Secondary         010-3830-05605           Secondary         010-3830-05730           Secondary         010-3830-05780           Secondary         010-3830-05780           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-05930		
Secondary         010-3830-05450           Secondary         010-3830-05480           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05550           Secondary         010-3830-05560           Secondary         010-3830-05600           Secondary         010-3830-05620           Secondary         010-3830-05620           Secondary         010-3830-05640           Secondary         010-3830-05650           Secondary         010-3830-05675           Secondary         010-3830-05675           Secondary         010-3830-05730           Secondary         010-3830-05770           Secondary         010-3830-05770           Secondary         010-3830-05780           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-07200           Secondary         010-3830-07200		
Secondary         010-3830-05480           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05550           Secondary         010-3830-05580           Secondary         010-3830-05600           Secondary         010-3830-05620           Secondary         010-3830-05640           Secondary         010-3830-05650           Secondary         010-3830-05650           Secondary         010-3830-05675           Secondary         010-3830-05675           Secondary         010-3830-05730           Secondary         010-3830-05770           Secondary         010-3830-05770           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-07290           Secondary         010-3830-07280	•	
Secondary         010-3830-05490           Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05550           Secondary         010-3830-05680           Secondary         010-3830-05600           Secondary         010-3830-05620           Secondary         010-3830-05620           Secondary         010-3830-05650           Secondary         010-3830-05675           Secondary         010-3830-05675           Secondary         010-3830-05730           Secondary         010-3830-05770           Secondary         010-3830-05780           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-05980           Secondary         010-3830-07980           Secondary         010-3830-07980           Secondary         010-3830-07250           Secondary         010-3830-07290           Secondary         010-3830-07290	, and the second	
Secondary         010-3830-05510           Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05550           Secondary         010-3830-05680           Secondary         010-3830-05600           Secondary         010-3830-05620           Secondary         010-3830-05640           Secondary         010-3830-05650           Secondary         010-3830-05675           Secondary         010-3830-05695           Secondary         010-3830-05730           Secondary         010-3830-05770           Secondary         010-3830-05780           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-05980           Secondary         010-3830-07980           Secondary         010-3830-07290           Secondary         010-3830-07290           Secondary         010-3830-07290           Secondary         010-3830-07290           Secondary         010-3830-07330	•	
Secondary         010-3830-05520           Secondary         010-3830-05530           Secondary         010-3830-05550           Secondary         010-3830-05600           Secondary         010-3830-05620           Secondary         010-3830-05620           Secondary         010-3830-05640           Secondary         010-3830-05650           Secondary         010-3830-05675           Secondary         010-3830-05695           Secondary         010-3830-05730           Secondary         010-3830-05770           Secondary         010-3830-05780           Secondary         010-3830-05800           Secondary         010-3830-05800           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-05930           Secondary         010-3830-05980           Secondary         010-3830-07590           Secondary         010-3830-07250           Secondary         010-3830-07290           Secondary         010-3830-07290           Secondary         010-3830-07330	, and the second	
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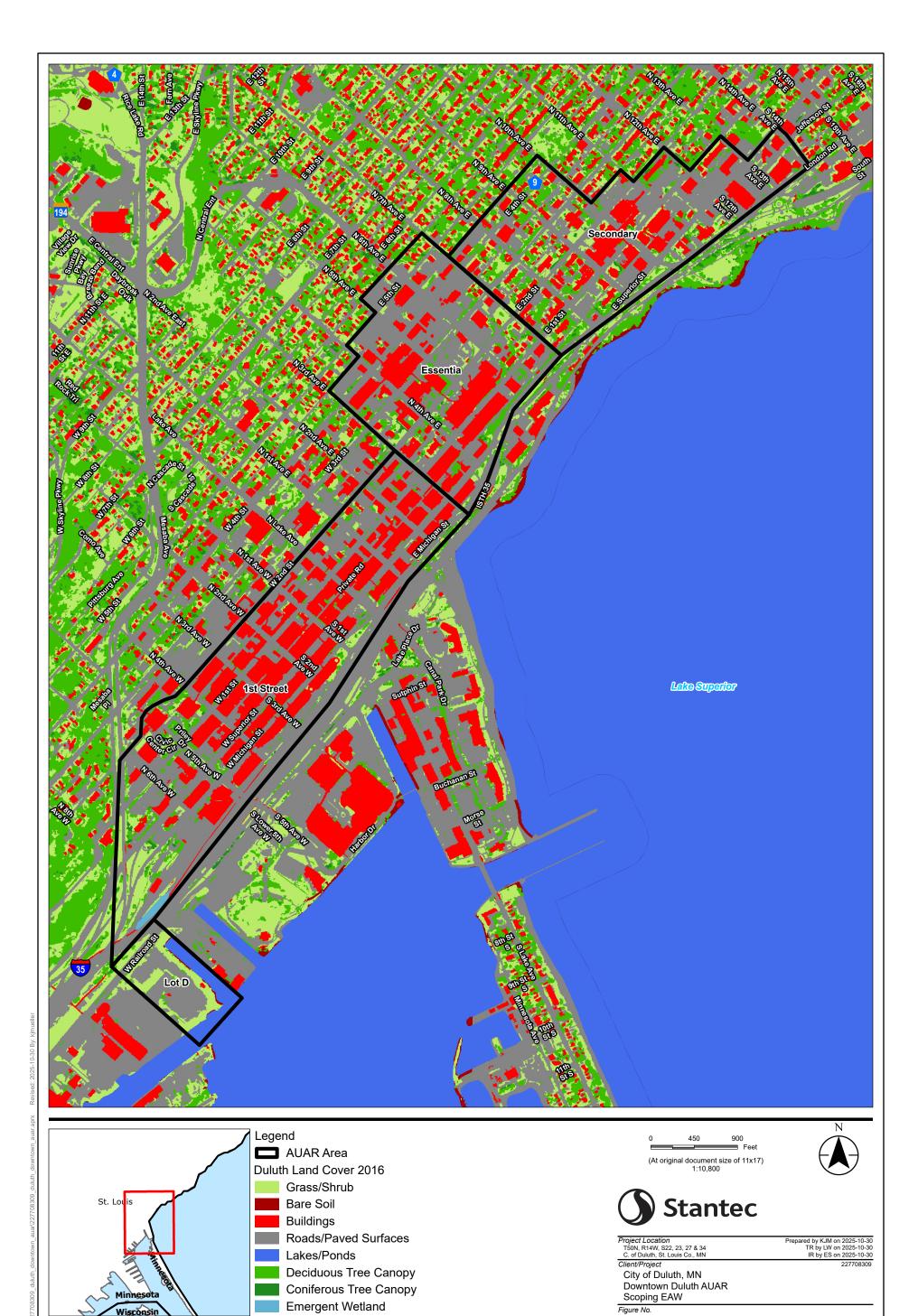
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Secondary	010-3830-07480
Secondary	010-3830-07490
Secondary	010-3830-07500
Secondary	010-3830-07510
Secondary	010-3830-07520
Secondary	010-3830-07560
Secondary	010-3830-07580
Secondary	010-3830-07590
•	010-3830-07630
Secondary	010-3630-07630
Secondary	
Secondary	010-3830-07730 010-3830-07840
Secondary	010-3830-07900
Secondary	
Secondary	010-3830-09450
Secondary	010-3830-09471
Secondary	010-3830-09480
Secondary	010-3830-09510
Secondary	010-3830-09520
Secondary	010-3830-09530
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Secondary	010-3830-09580
Secondary	010-3830-09600
Secondary	010-3830-09630
Secondary	010-3830-09632
Secondary	010-3830-09642
Secondary	010-3830-09660
Secondary	010-3830-09670
Secondary	010-3830-09680
Secondary	010-3830-09720
Secondary	010-3830-09760
Secondary	010-3830-09770
Secondary	010-3830-09780
Secondary	010-3830-09790
Secondary	010-3830-09800
Secondary	010-3830-09810
Secondary	010-3830-09820
Secondary	010-3830-09830
Secondary	010-3830-09840
Secondary	010-3830-09860
Secondary	010-3830-09860
Secondary	010-3830-10710
Secondary	010-3830-10720
Secondary	010-3830-10730

Subarea	Parcel ID No.
	010-3830-10750
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Secondary	010-3830-10770 010-3830-10840
Secondary	010-3830-10840
Secondary	
Secondary	010-3830-10880
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Secondary	010-3830-10930
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Secondary	010-3830-10980
Secondary	010-3830-11000
Secondary	010-3830-11010
Secondary	010-3830-11020
Secondary	010-3830-11030
Secondary	010-3830-11040
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Secondary	010-3830-11120
Secondary	010-3830-11160
Secondary	010-3830-11190
Secondary	010-3830-11210
Secondary	010-3830-11220
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Secondary	010-3830-11330
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Secondary	010-3860-00160
Secondary	010-3860-00180
Secondary	010-3860-00210
Secondary	010-3860-00220
Secondary	010-3830-13180
Secondary	010-3830-13230
Secondary	010-3830-13250
Secondary	010-3830-13260
Secondary	010-3830-13300
Secondary	010-3830-13350
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Secondary	010-3830-13560
Secondary	010-3830-13610
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Secondary	010-3830-13820
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Secondary	010-3830-13830
Secondary	010-3830-14560
Secondary	010-3830-14570
Secondary	010-3830-14630
Secondary	010-3830-14640
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# Appendix B Figures

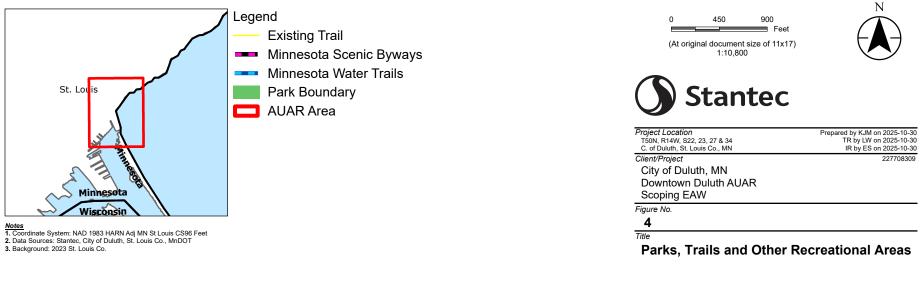


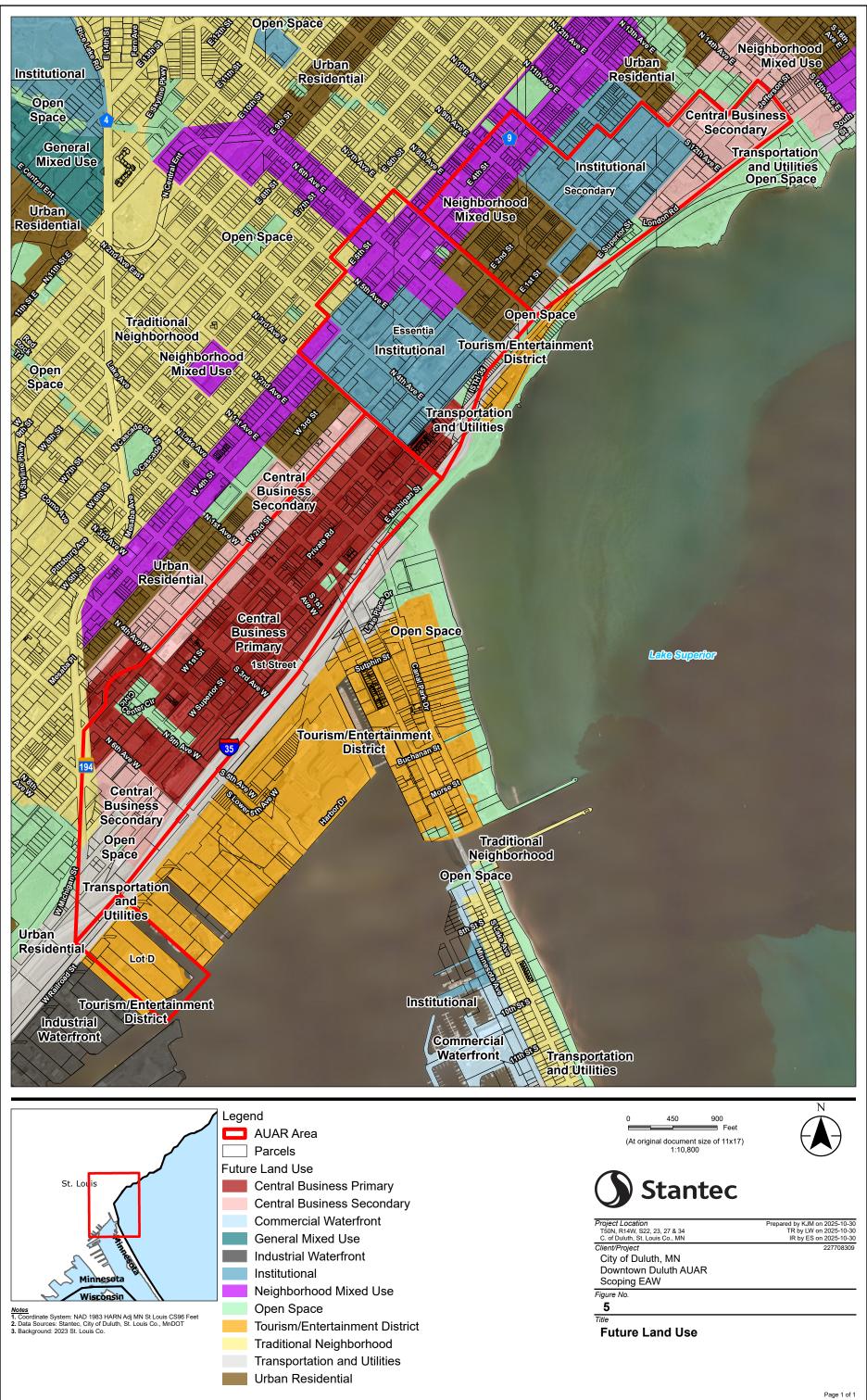


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**Land Cover** 

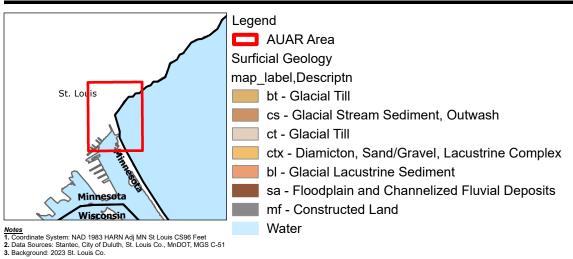
Notes
1. Coordinate System: NAD 1983 HARN Adj MN St Louis CS96 Feet
2. Data Sources: Stantec, City of Duluth, St. Louis Co., MnDOT
3. Background: UMN Duluth 1-meter Land Cover 2016











(At original document size of 11x17) 1:10,800





Project Location T50N, R14W, S22, 23, 27 & 34 C. of Duluth. St. Louis Co MN	Prepared by KJM on 2025-10-30 TR by LW on 2025-10-30 IR by ES on 2025-10-30
Client/Project	227708309
City of Duluth, MN	
Downtown Duluth AUAR	
Scoping EAW	
Figure No.	
7	

**Surface Geology Map** 



Page 1 of 1

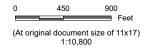


Legend AUAR Area

Field Verified Wells

Domestic

- Monitoring Well
  - **Environmental Bore Hole** Air Conditioning
- Elevator







Prepared by KJM on 2025-10-30 TR by LW on 2025-10-30 IR by ES on 2025-10-30



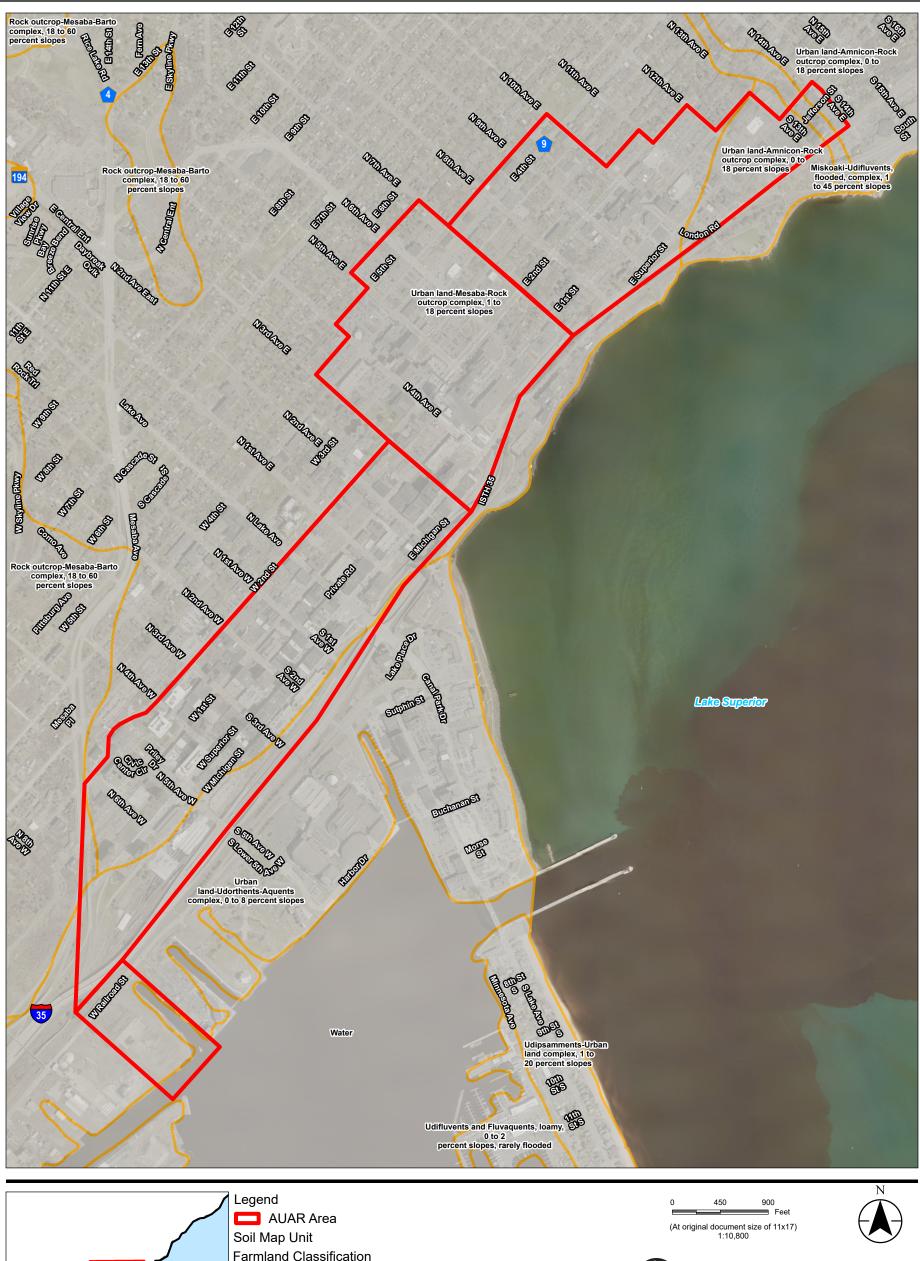
Project Location	
T50N, R14W, S22, 23, 27 & 34	
C. of Duluth, St. Louis Co., MN	
Client/Project	_

City of Duluth, MN Downtown Duluth AUAR Scoping EAW

Figure No.

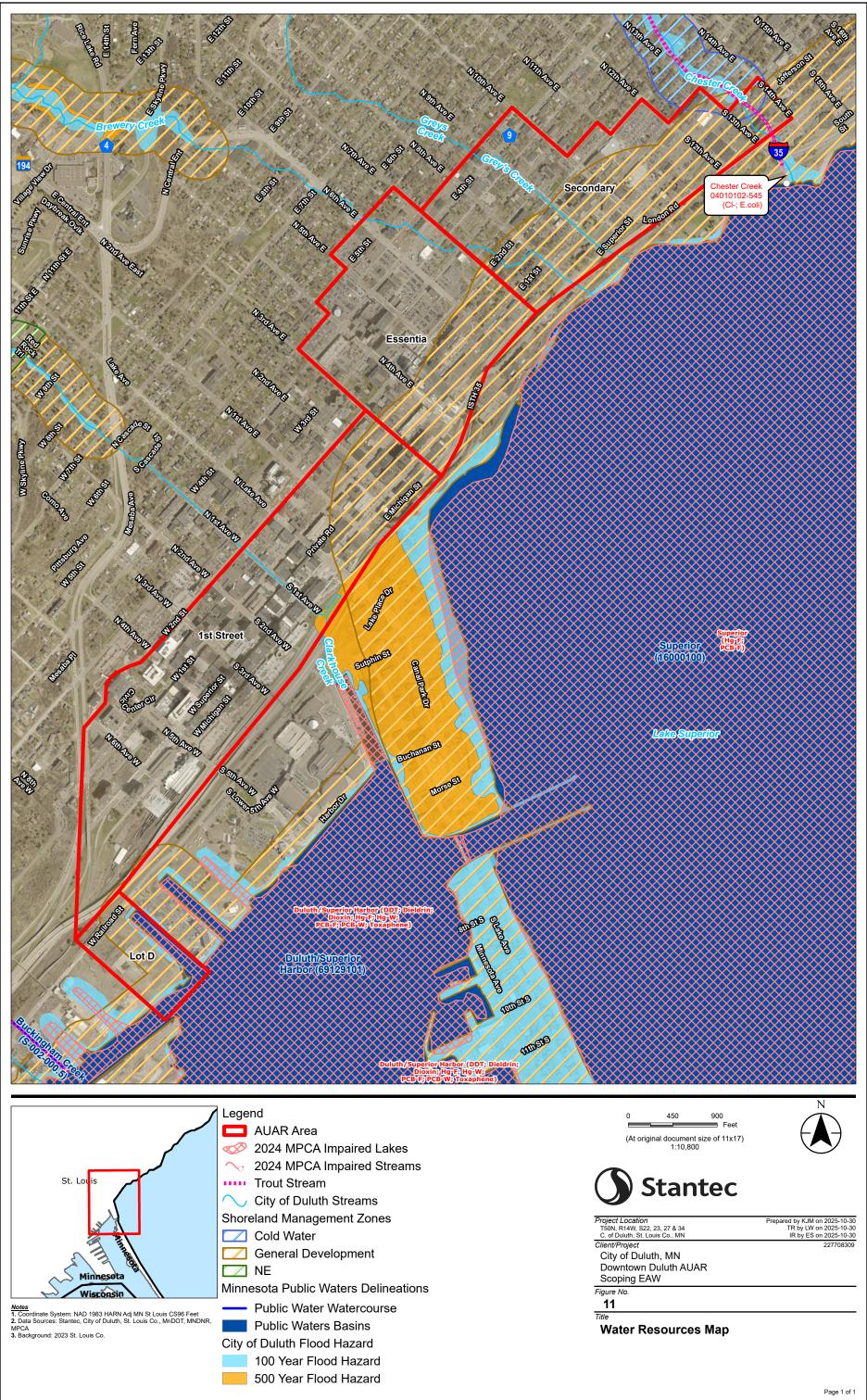
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**Minnesota Well Index** 

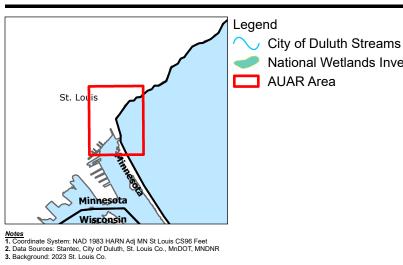




Page 1 of 1







City of Duluth Streams

National Wetlands Inventory Feature





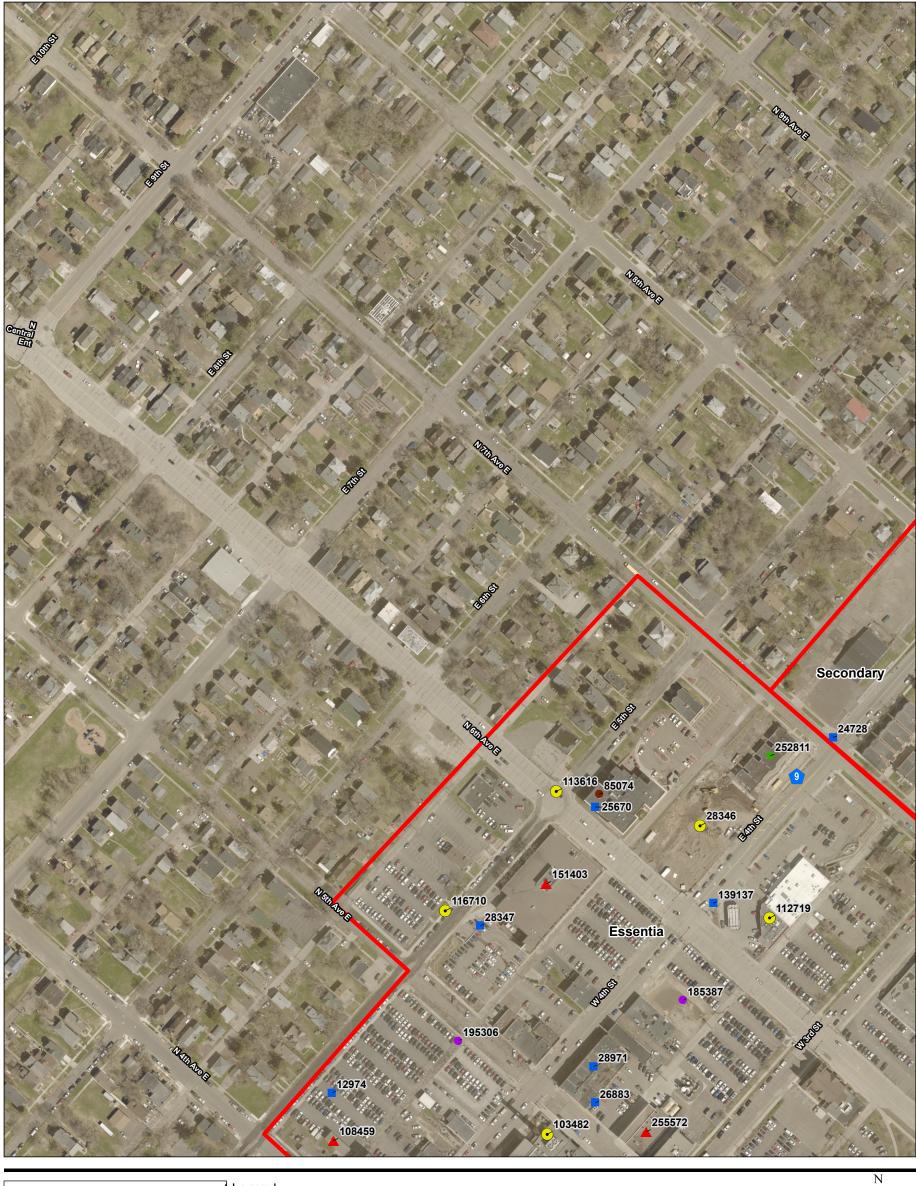
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T50N, R14W, S22, 23, 27 & 34	TR by LW on 2025-10-3
C. of Duluth, St. Louis Co., MN	IR by ES on 2025-10-3
Client/Project	22770830
City of Duluth, MN	

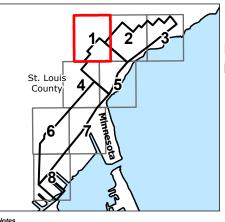
Downtown Duluth AUAR
Scoping EAW

Figure No.

12 Title

**Wetlands Map** 





Legend
AUAR Area
MPCA Sites

Program Name
• Multiple Programs

Hazardous Waste

Investigation and Cleanup

Solid Waste

StormwaterTanks

(At original document size of 11x17) 1:2,400





Project Location
T50N, R14W, S22, 23, 27 & 34
C. of Duluth, St. Louis Co., MN

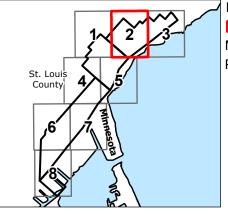
Prepared by KJM on 2025-10-30 TR by LW on 2025-10-30 IR by ES on 2025-10-30

City of Duluth, MN Downtown Duluth AUAR Scoping EAW

Figure No.

13 itle





**MPCA Sites** 

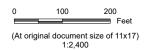
Program Name Multiple Programs

Hazardous Waste

Investigation and Cleanup

Solid Waste Stormwater

Tanks





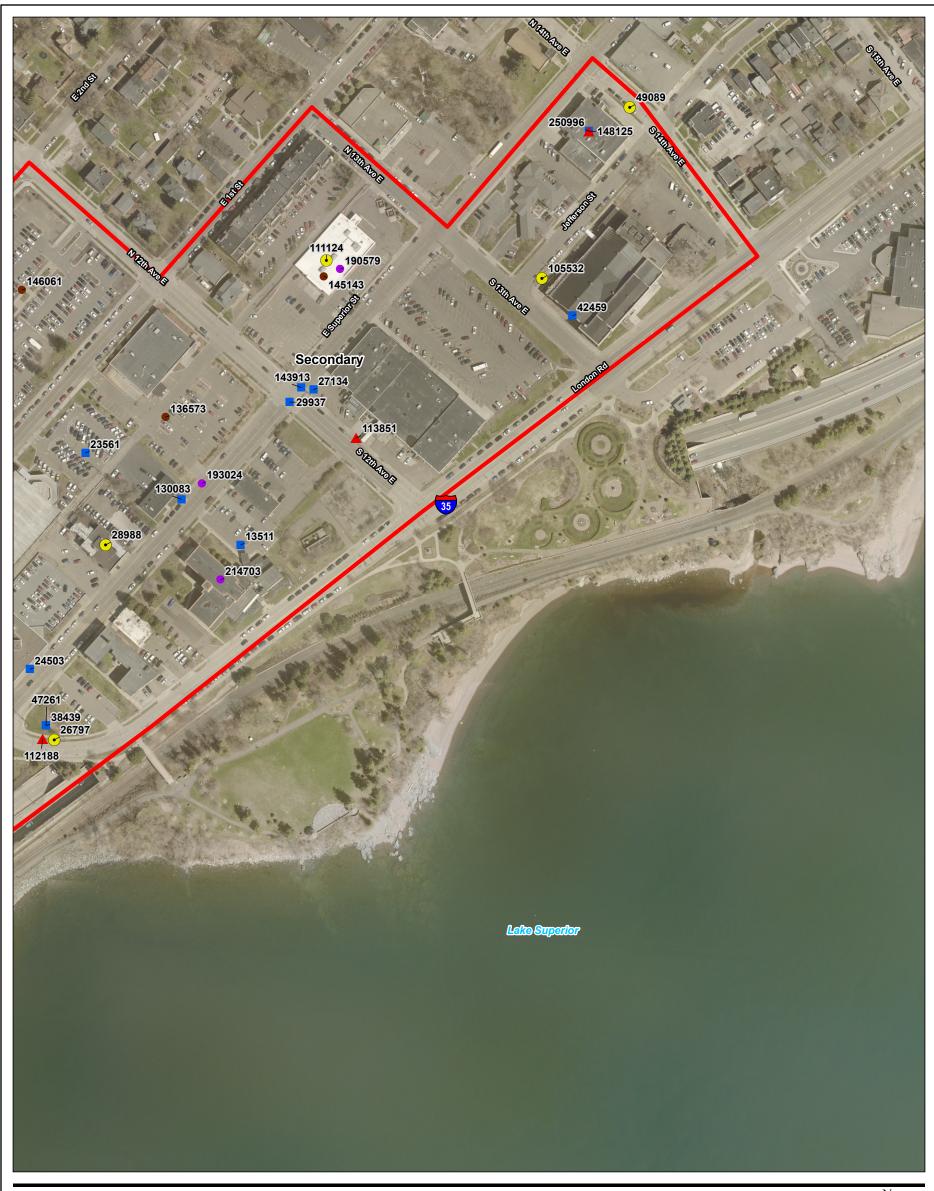


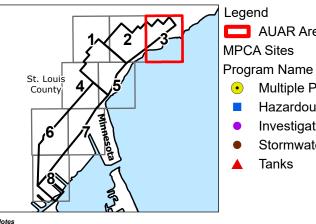
Project Location
T50N, R14W, S22, 23, 27 & 34
C. of Duluth, St. Louis Co., MN

Prepared by KJM on 2025-10-30 TR by LW on 2025-10-30 IR by ES on 2025-10-30 City of Duluth, MN

Downtown Duluth AUAR Scoping EAW

Figure No. 13





Legend AUAR Area MPCA Sites

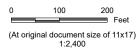
Multiple Programs

Hazardous Waste

Investigation and Cleanup

Stormwater

Tanks





Project Location T50N, R14W, S22, 23, 27 & 34 C. of Duluth, St. Louis Co., MN

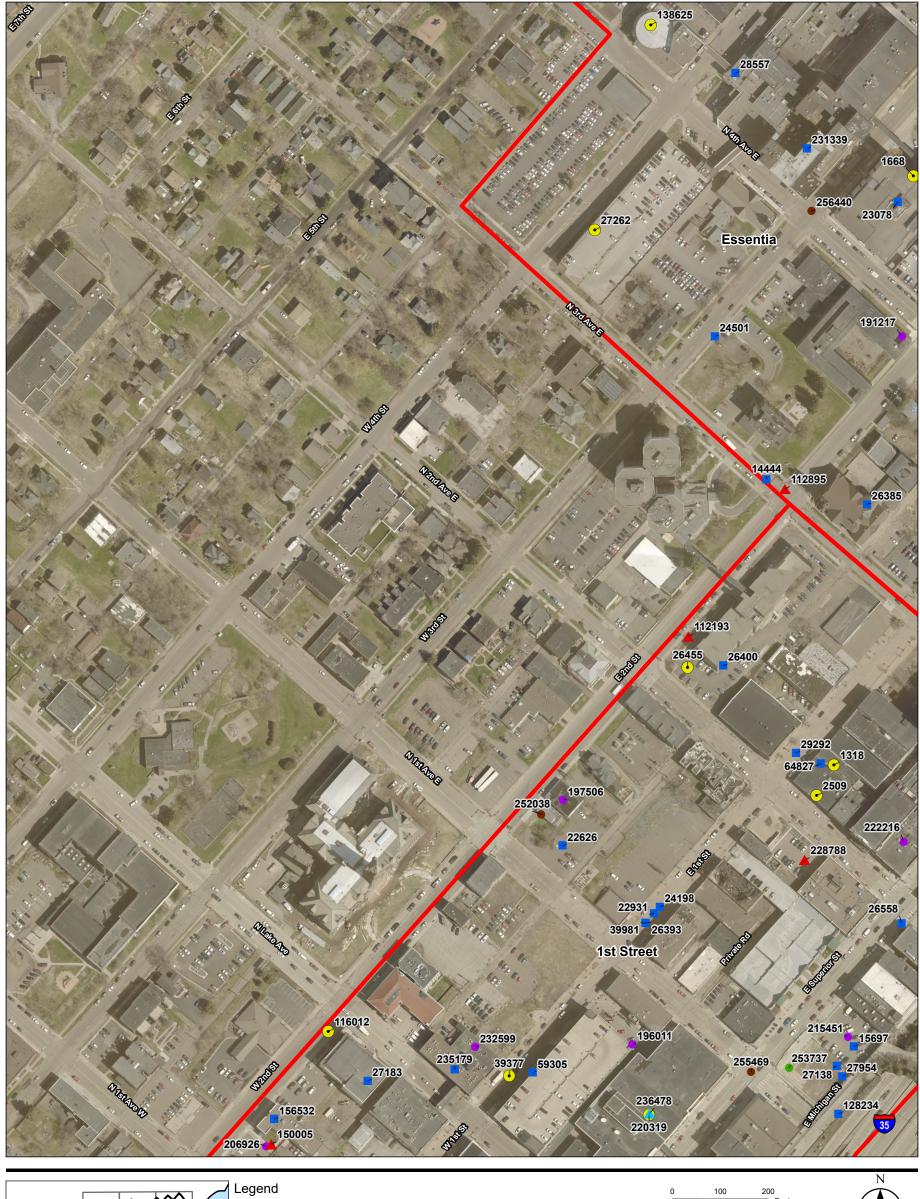
City of Duluth, MN Downtown Duluth AUAR Scoping EAW

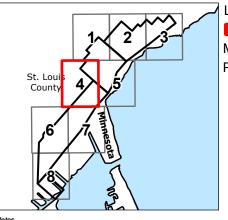
Figure No.

13

**MPCA Potentially Contaminated Sites** 

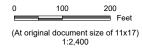
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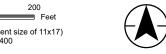




Legend
AUAR Area
MPCA Sites
Program Name

- Multiple Programs
- Hazardous Waste
- Investigation and Cleanup
- Solid Waste
- Stormwater
- ▲ Tanks
- Water Quality







 Project Location
 Prepared by KJM on 2025-10-30

 T50N, R14W, S22, 23, 27 & 34
 TR by LW on 2025-10-30

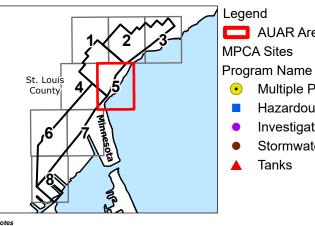
 C. of Duluth, St. Louis Co., MN
 IR by ES on 2025-10-30

 Client/Project
 227708309

City of Duluth, MN Downtown Duluth AUAR Scoping EAW

Figure No.

13 itle



Legend AUAR Area **MPCA Sites** 

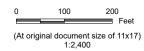
Multiple Programs

Hazardous Waste

Investigation and Cleanup

Stormwater

Tanks





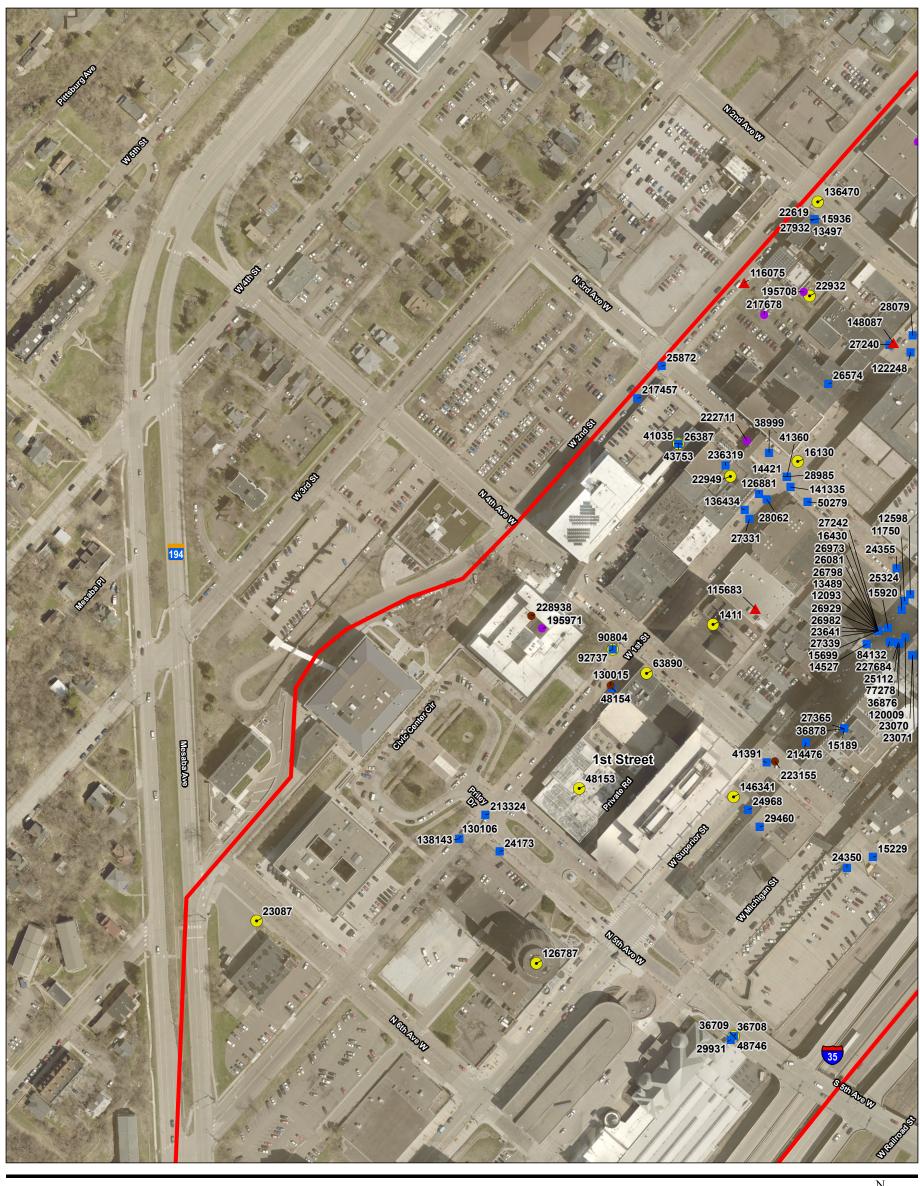


Project Location
T50N, R14W, S22, 23, 27 & 34
C. of Duluth, St. Louis Co., MN

Prepared by KJM on 2025-10-30 TR by LW on 2025-10-30 IR by ES on 2025-10-30 City of Duluth, MN

Downtown Duluth AUAR Scoping EAW

Figure No. 13

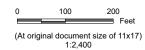




Legend
AUAR Area
MPCA Sites
Program Name

• Multiple Programs

- Hazardous Waste
- Investigation and Cleanup
- Stormwater
- Tanks





Prepared by KJM on 2025-10-30 TR by LW on 2025-10-30 IR by ES on 2025-10-30

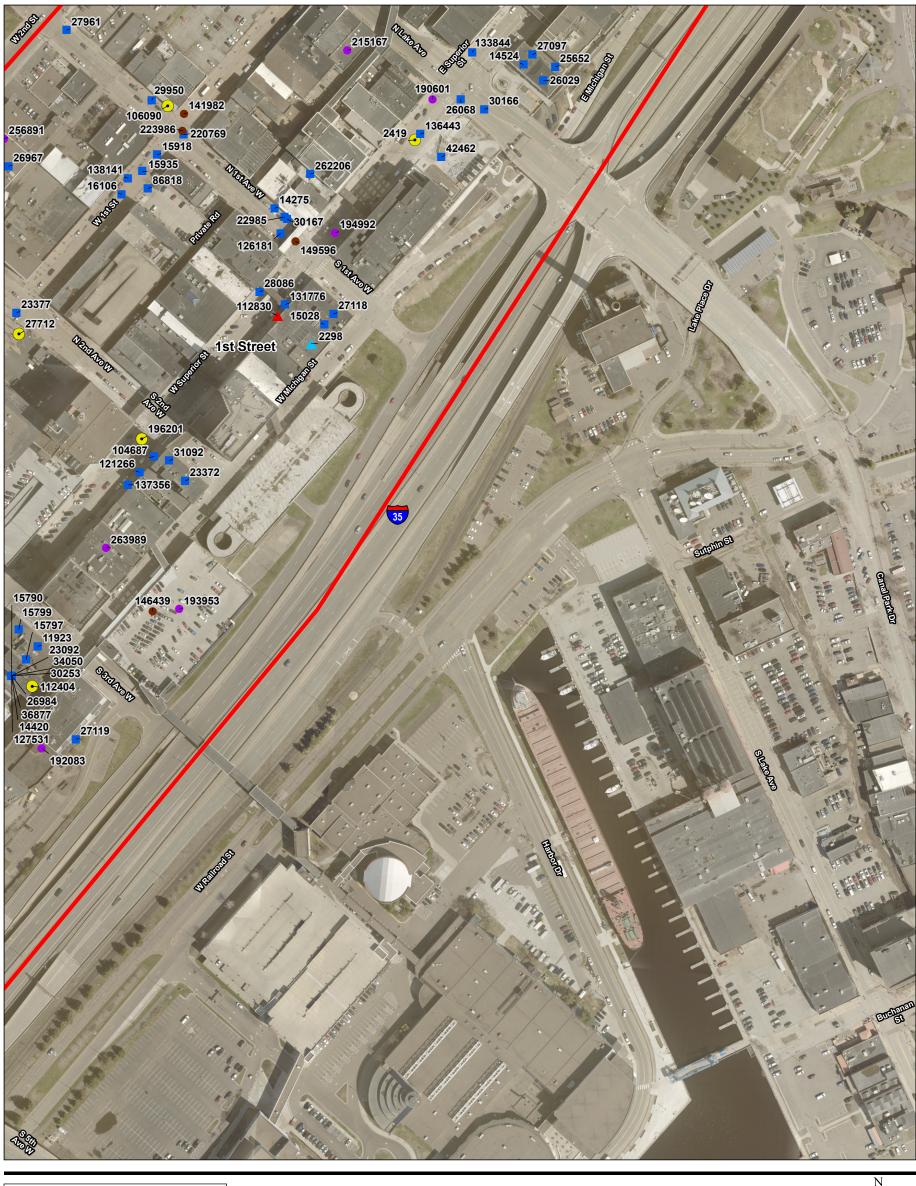


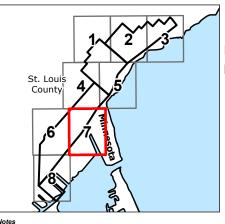
Project Location T50N, R14W, S22, 23, 27 & 34 C. of Duluth, St. Louis Co., MN Client/Project

City of Duluth, MN Downtown Duluth AUAR Scoping EAW

Figure No.

13





Legend AUAR Area MPCA Sites Program Name

Multiple Programs

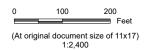
Hazardous Waste

Investigation and Cleanup

Stormwater

Tanks

Water Quality





ared by KJM on 2025-10-30 TR by LW on 2025-10-30 IR by ES on 2025-10-30

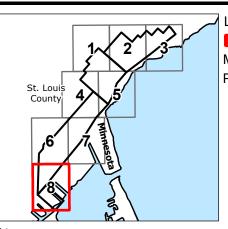


Project Location
T50N, R14W, S22, 23, 27 & 34
C. of Duluth, St. Louis Co., MN

City of Duluth, MN Downtown Duluth AUAR Scoping EAW

Figure No.

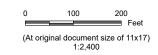
13



Legend
AUAR Area
MPCA Sites

Program Name

- Multiple Programs
- Investigation and Cleanup
  - Stormwater





Prepared by KJM on 2025-10-30 TR by LW on 2025-10-30 IR by ES on 2025-10-30



Project Location
T50N, R14W, S22, 23, 27 & 34
C. of Duluth, St. Louis Co., MN
Client/Project

City of Duluth, MN Downtown Duluth AUAR Scoping EAW

Figure No.

13 itle

**MPCA Potentially Contaminated Sites** 

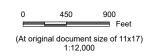
Page 8 of 8





.egend	
<del>{</del>	Transportation Study Intersections
	AUAR Area

Map ID	Intersection
01	Garfield Avenue/Railroad Street
02	Railroad Street/5th Avenue W
03	Harbor Drive/5th Avenue W
04	I-35 northbound ramps/Harbor Drive
05	I-35 southbound ramps/Harbor Drive
06	Railroad Street/Harbor Drive



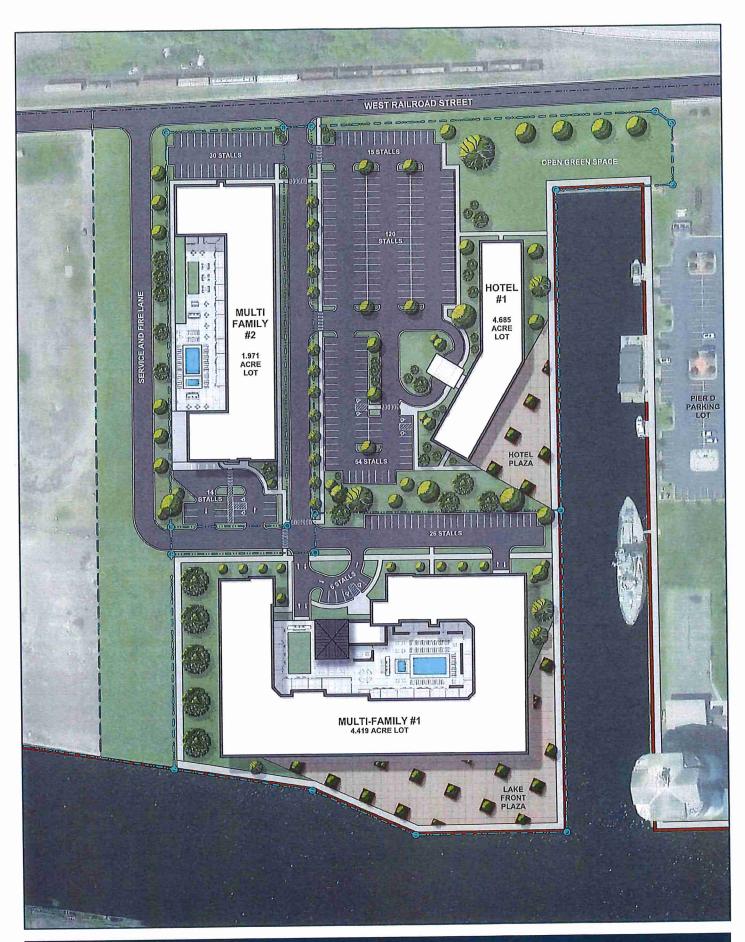




C. of Duluth, St. Louis Co., MN IR by ES on 2025-10-3	Project Location	Prepared by KJM on 2025-10-30
Client/Project 22770830 City of Duluth, MN Downtown Duluth AUAR Scoping EAW Figure No. 14	T50N, R14W, S22, 23, 27 & 34	TR by LW on 2025-10-30
City of Duluth, MN Downtown Duluth AUAR Scoping EAW  Figure No. 14	C. of Duluth, St. Louis Co., MN	IR by ES on 2025-10-30
Downtown Duluth AUAR Scoping EAW  Figure No.  14	Client/Project	227708309
Scoping EAW Figure No. 14	City of Duluth, MN	
Figure No.	Downtown Duluth AUAR	
14	Scoping EAW	
_ • •	Figure No.	
Title	_14	
	Title	

**Transportation Study Intersections** 

# **Appendix C**Lot D Concept Plan



# Appendix D FEMA FIRMette

# National Flood Hazard Layer FIRMette

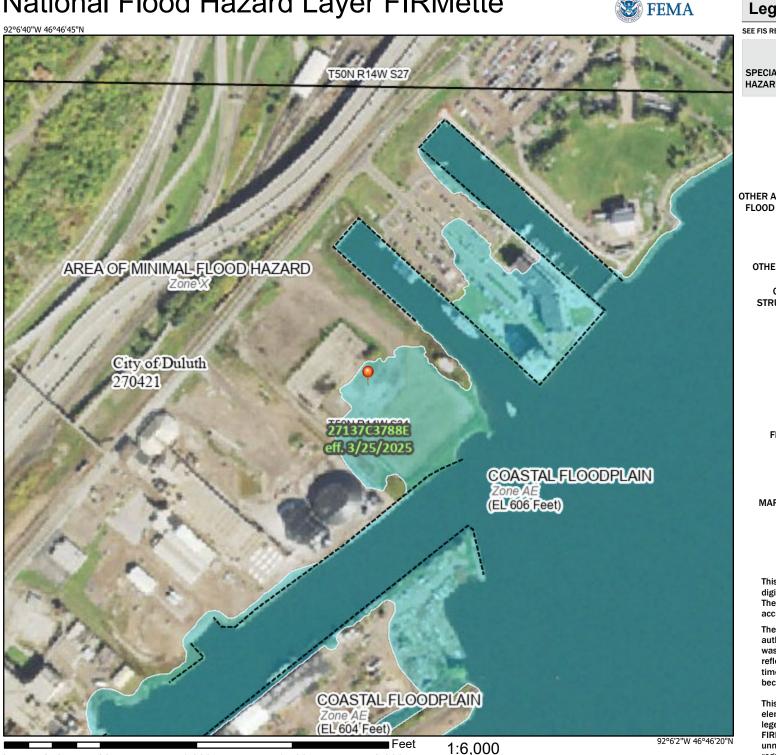
250

500

1,000

1,500

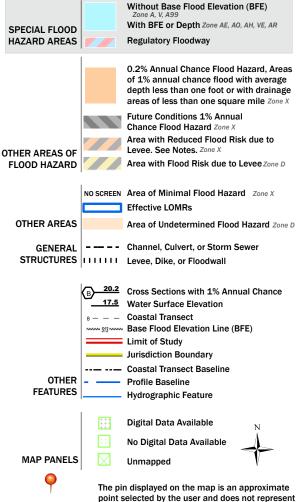




2,000

#### Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/3/2025 at 2:47 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

# National Flood Hazard Layer FIRMette

250

500

1,000

1.500

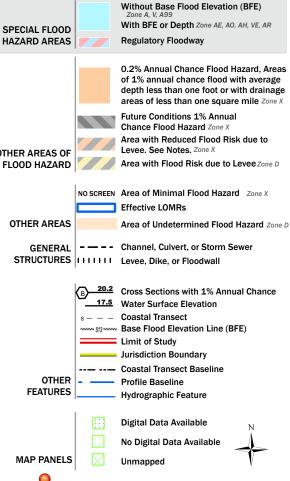




2.000

#### Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The pin displayed on the map is an approximate point selected by the user and does not represent

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/3/2025 at 3:15 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

# National Flood Hazard Layer FIRMette



#### Legend SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD **HAZARD AREAS** Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D -- - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** ₩ 513 W Base Flood Elevation Line (BFE) Limit of Study **Jurisdiction Boundary Coastal Transect Baseline** OTHER Profile Baseline **FEATURES** Hydrographic Feature

Digital Data Available

No Digital Data Available

Unmapped

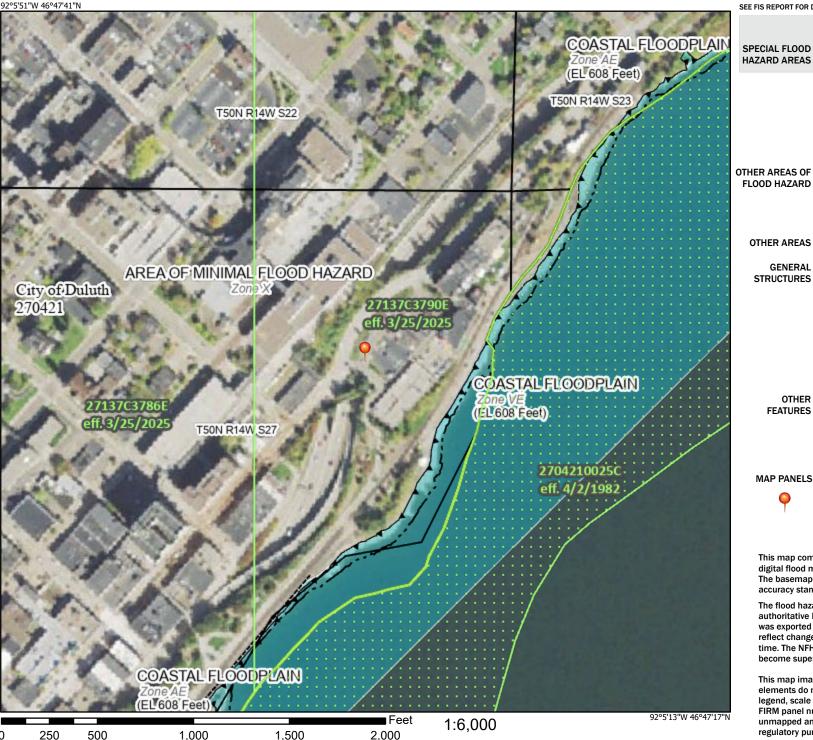
The pin displayed on the map is an approximate point selected by the user and does not represent

an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/3/2025 at 3:10 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



# Appendix E MDH Well Log Reports

454658

St. Louis

County

Quad ID

Quad

Duluth 244D

MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** 

10/31/1990

Update

**Received Date** 12/05/2019

Well Name	Township	Range	Dir Section	Subsec	ction	Use		Status	Well Depth	Depth Completed	<b>Date Well Completed</b>	Lic/Reg. No.	
BOWMAN	50	14	W 27	CABO	CDC	air conditionii	ng	S	312 ft.	312 ft.	05/11/1989	69183	
Elevation 697 ft.	Elev. Method	LiD	AR 1m DEM (M	NDNR)		Aquifer	Duluth C	omplex	Depth to Bedrock	10 ft Open Hole	25 - 312 ft <b>Sta</b> t	tic Water Level	ft
Field Located By	Minnesota C	Geologica	Survey	Lo	cate Meth	od Digitiz	ation (Scree	n) - Map (1:24	1,000) (15 meters	Universal Transve	erse Mercator (UTM) - NAD	083 - Zone 15 -	
Unique No. Verified	Address veri	fication		Inj	out Source	e Minnes	sota Geologi	ical Survey		UTM Easting (X)	568310		
Geological Interpretation	n Am	y Block		Inj	out Date	04/24/2	2018			UTM Northing (Y	518160		
Agency (Interpretation)										Interpretaion Met	hod Geologic stud	ly 1:24k to 1:100k	
				Dept	h (ft.)		Elev	vation (ft.)					
Geological Material	C	olor	Hardness	From	To	Thickness	From	To	Stratigraphy	Primary Lithology	Secondary	Minor Lithology	
SAND FILL	В	ROWN	SOFT	0	10	10	697	687	man-made fill	fill	sand		
GABBRO	В	LACK	MEDIUM	10	312	302	687	385	Duluth Complex	icelandite	volcanics,		
Minnesota We	ll Index -	Strati	granhy R	enort				4540	658			Printed on 09/30	0/202
TITITICSULA VVC	II IIIucx -	buau	grapny N	cport				10 10				Finited on 09/30	<i>J/ 2</i> 02

Quad 533478

County

Quad ID

St. Louis

Duluth 244D

MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** 

06/16/1994

Update

**Received Date** 12/05/2019

Well Name	Township	Range	Dir Section	Subsec	ction	Use		Status	s Well Depth	Dept	h Completed	Date Well Completed	Lic/Reg. No.	
3	50	14	W 27	ACAC	CBC	elevator		A	34 ft.	33.5	ft.	12/28/1993	L0006	
Elevation 648 ft.	Elev. Method	LiD	AR 1m DEM (MI	NDNR)		Aquifer			Depth to Bedrock	0	ft Open Hole	- ft	Static Water Level	ft
Field Located By	County Plan	ning & Z	oning	Lo	cate Meth	nod GPS S	A Off (average	ged) (15 mete	ers)		Universal Transv	rerse Mercator (UTM) - 1	NAD83 - Zone 15 -	
Unique No. Verified	Address veri	fication		Inj	out Source	e Minne	sota Geologic	al Survey			UTM Easting (X)	568855		
Geological Interpretation	Am	y Block		Inj	out Date	04/06/	2018	·			UTM Northing (	Y) 518202		
Agency (Interpretation)											Interpretaion Me	thod Geologic	study 1:24k to 1:100k	
				Dept	h (ft.)		Eleva	ntion (ft.)						
Geological Material	C	olor	Hardness	From	To	Thickness	From	To	Stratigraphy	F	rimary Lithology	Secondary	Minor Lithology	
FRACTURED BEDROO	CK R	ED		0	5	5	648	643	upper southwest vol	c b	asalt	basaltic ande	esite	
BLUE GRANITE	В	LUE		5	34	29	643	614	upper southwest vol	c t	asalt	basaltic ande	esite	
Minnesota Well	Index -	Strati	granhy R	enort				533	478				Printed on 09/3	20/202
TITITICSULA VICII	muca -	Suau	graphy ix	cport					., 0				Printed on 09/3	0/202

533479

County Quad

Quad ID

St. Louis

244D

Duluth

WELL AND BORING RECORD Minnesota Statutes Chapter 1031

MINNESOTA DEPARTMENT OF HEALTH

**Entry Date** 

06/16/1994

Update

**Received Date** 12/05/2019

Well Name JAUSS, JAMES	Township 50	Range 14	Dir Section W 27	Subsec		Use		Statu	Well Depth 35 ft.	<b>Depth</b> 34.5 1	Completed	Date Wel	ll Completed	Lic/J	Reg. No.
JAUSS, JAMES	30	14	W 21	CACE	ADC	elevator		A	55 II.	34.3 1	11.	02/04/15	994	LUU	J6
Elevation 650 ft.	Elev. Method	LiDA	AR 1m DEM (MN	IDNR)		Aquifer			Depth to Bedrock	18	ft Open Hole	-	ft	Static Water Level	ft
Field Located By	County Plan	ning & Zo	oning	Lo	cate Meth	od GPS S	A Off (averag	ed) (15 met	ers)		Universal Transv	verse Merca	ntor (UTM)	- NAD83 - Zone 15 -	
Unique No. Verified	Address veri	fication		Inj	out Source	Minne	sota Geologica	al Survey			UTM Easting (X	)	568412		
Geological Interpretation	ı Am	y Block		Inj	out Date	04/06/	2018				UTM Northing (	<b>Y</b> )	518145		
Agency (Interpretation)											Interpretaion Me	ethod	Geologic	e study 1:24k to 1:100k	
				Dept	h (ft.)		Eleva	tion (ft.)							
Geological Material	Co	olor	Hardness	From	To	Thickness	From	To	Stratigraphy	Pr	rimary Lithology	:	Secondary	Minor Lithe	ology
SAND & COBBLES				0	18	18	650	632	sand +larger	sa	ınd		cobble		
ROCK	Bl	LUE		18	35	17	632	615	upper southwest vol	c ic	elandite				
Minnogoto Wo	II Indov	Ctrati	monhy D	onont				533	479					5	00/00/000
Minnesota We	n maex -	Surau	grapny <b>K</b>	eport				333	T17					Printed	on 09/30/2025

533480

County

St. Louis

Quad ID Duluth
Quad ID 244D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** 

07/03/1995

Update

**Received Date** 12/05/2019

Well Name	Township	Range	Dir Section	Subsec	ction	Use		Status	s Well Depth	Depth Completed	Date Well Completed	Lic/Reg. No.	
NEW APOLLO APT.	50	14	W 27	ACAI	3CD	elevator		A	36 ft.	36 ft.	07/27/1994	L0006	
Elevation 654 ft.	Elev. Metho	od LiDa	AR 1m DEM (M	NDNR)		Aquifer			Depth to Bedrock	2 ft Open Hole	- ft Statio	c Water Level	
Field Located By	County Pl	lanning & Z	oning	Lo	cate Metl	nod GPS S	A Off (average	ged) (15 met	ers)	Universal Transv	erse Mercator (UTM) - NAD8	3 - Zone 15 -	
Unique No. Verified	Address v	erification		Inj	out Sourc	e Minne	sota Geologic	cal Survey		UTM Easting (X)	568874		
Geological Interpretation	A	Amy Block		Inj	out Date	04/06/	2018			UTM Northing (Y	518207		
Agency (Interpretation)										Interpretaion Me	<b>chod</b> Geologic study	1:24k to 1:100k	
				Dept	h (ft.)		Eleva	ation (ft.)					
Geological Material		Color	Hardness	From	To	Thickness	From	To	Stratigraphy	Primary Lithology	Secondary	Minor Lithology	
CLAYEY SAND & COI	BBLES	BROWN		0	2	2	654	652	pebbly sand/silt/clay-	sand	cobble	clay	
GRANITE		BLUE	HARD	2	36	34	652	618	upper southwest volc	basalt	basaltic andesite		
Minnesota Well	l Index	- Strati	graphy R	eport				533	480			Printed on 09/30/	1/20

644513

County St. Louis
Quad Duluth

244D

Quad ID

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** 

05/29/2001

Update

**Received Date** 12/05/2019

	Township 50	Range	Dir Section W 27	Subse		Use domestic		Status A	Well Depth	Depth 11 ft.	Completed	Date Well Completed 04/08/2000	Lic/Reg. No. L0004
	Elev. Method		AR 1m DEM (M			Aquifer			Depth to Bedrock	4	ft Open Hole		tic Water Level
	County Plan Address ver An	-	oning	Inj	cate Meth put Source put Date	0.00	A Off (averag sota Geologic	- ' '	ers)		Universal Transv UTM Easting (X)	300311	083 - Zone 15 -
Agency (Interpretation)						04/00/.					Interpretaion Me		ly 1:24k to 1:100k
Geological Material	C	olor	Hardness	Dept From	h (ft.) To	Thickness	Eleva From	tion (ft.) To	Stratigraphy	Pr	imary Lithology	Secondary	Minor Lithology
CLAY/GRAVEL	R	ED	MEDIUM	0	4	4	642	638	pebbly sand/silt/clay-	cla	ay	gravel	30
KEWEENAWAN FORM	IATION B	LACK	HARD	4	11	7	638	631	upper southwest volc	ice	elandite		
Minnesota Well	Indev -	Stratio	oranhy R	enort				644	513				Printed on 00/20/2
Willingsota Well	mucx -	Suan	graphy K	срогі				011					Printed on 09/30/2

County 701046 Quad

St. Louis

Duluth

244D

Quad ID

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** Update

02/21/2008

07/05/2007

**Received Date** 

_	
Date	02/26/2019

Well Name	Township	Range	Dir Section	Subsec	tion	Use		Status	Well Depth	Depth Completed	<b>Date Well Completed</b>	Lic/Reg. No.	•
MW-2	50	14	W 27	CDBE	BCA	monitor well		S	10 ft.	9.31 ft.	06/28/2007	1381	
Elevation 644 ft.	Elev. Method	LiDA	AR 1m DEM (MI	NDNR)		Aquifer			Depth to Bedrock	ft Open Hole	- ft S	tatic Water Level	ft
Field Located By	Minnesota (	Geological	Survey	Lo	cate Metho	od Digitiz	ation (Sc	reen) - Map (1:12	2,000) (>15	Universal Transv	verse Mercator (UTM) - NA	AD83 - Zone 15 -	
Unique No. Verified	Site Plan			Inp	out Source	Minnes	ota Geol	ogical Survey		UTM Easting (X	568268		
<b>Geological Interpretation</b>	ı Brı	ice Bloom	gren	Inp	out Date	03/17/2	2016			UTM Northing (	Y) 518129		
Agency (Interpretation)										Interpretaion Me	ethod Geologic stu	udy 1:24k to 1:100k	
				Dept	h (ft.)		I	Elevation (ft.)					
Geological Material	C	olor	Hardness	From	To	Thickness	From	To	Stratigraphy	Primary Lithology	Secondary	Minor Lithology	
SANDY FILL MATEIA	AL B	ROWN	SOFT	0	10	10	644	634	man-made fill	fill	sand	clay	
Minnesota Wel	ll Index -	Strati	graphy R	eport				7010	046			Printed on 09/3	30/2025

701047

County

St. Louis

Duluth Quad 244D Quad ID

WELL AND BORING RECORD Minnesota Statutes Chapter 1031

MINNESOTA DEPARTMENT OF HEALTH

**Entry Date** 

Update

07/05/2007

**Received Date** 

02/26/2019

Well Name	Township	Range	Dir Section	Subsec	ction	Use		Status	s Well Depth	Depth Completed	Date Well Completed	Lic/Reg. No.	
MW-3	50	14	W 27	CDBI	3CA	monitor well		S	13 ft.	12.17 ft.	06/28/2007	1381	
Elevation 644 ft.	Elev. Method	<b>l</b> LiDA	AR 1m DEM (MI	NDNR)		Aquifer	Quat. Wa	ter Table	Depth to Bedrock	ft Open Hole	- ft St	atic Water Level	ft
Field Located By	Minnesota	Geological	Survey	Lo	cate Meth	od Digitiza	ation (Screen	n) - Map (1:1	2,000) (>15	Universal Transv	verse Mercator (UTM) - NA	D83 - Zone 15 -	
Unique No. Verified	Site Plan			Inj	put Sourc	e Minnes	ota Geologi	cal Survey		UTM Easting (X	568284		
Geological Interpretation	ı Bı	ruce Bloom	gren	Inj	put Date	03/17/2	016			UTM Northing (	Y) 518128		
Agency (Interpretation)										Interpretaion Mo	ethod Geologic stu	dy 1:24k to 1:100k	
				Dept	h (ft.)		Elev	ation (ft.)					
Geological Material	(	Color	Hardness	From	To	Thickness	From	To	Stratigraphy	Primary Lithology	Secondary	Minor Lithology	
SANDY FILL MATER	IAL I	BROWN	SOFT	0	3	3	644	641	man-made fill	fill	sand		
CLAY W/SAND & SII	LT FIRM I	RED/BRN		3	13	10	641	631	clay/sand/silt-no pe	eb. clay	sand	silt	
Minnesota We	ll Index -	- Strati	graphy R	eport				<b>701</b>	047			Printed on 09/30/	)/2025

703163

County Quad

Quad ID

St. Louis

Duluth 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** Update

02/28/2008

**Received Date** 

06/27/2007 02/26/2019

Well Name	Township	Range	Dir Section	Subsec	ction	Use		Status	Well Depth	Depth Completed	<b>Date Well Completed</b>	1	ic/Reg. No.	
MW-1	50	14	W 27	CDBE	BCA	monitor well		S	16 ft.	16 ft.	05/04/2007		1688	
Elevation 643 ft.	Elev. Method	LiDA	R 1m DEM (MN	IDNR)		Aquifer	Quat. Wate	er Table	Depth to Bedrock	ft Open Hole	- ft	Static Water Level	10	ft
Field Located By	Minnesota G	eological	Survey	Lo	cate Metho	od Digitiza	tion (Screen	) - Map (1:12	2,000) (>15	Universal Transve	erse Mercator (UTM) -	NAD83 - Zone 15 -		
Unique No. Verified	Site Plan			Inp	out Source	Minnes	ota Geologic	al Survey		UTM Easting (X)	568281			
<b>Geological Interpretation</b>	Brud	e Bloom	gren	Inp	out Date	03/17/2	016			UTM Northing (Y	518129			
Agency (Interpretation)										Interpretaion Met	hod Geologic	study 1:24k to 1:10	)k	
				Dept	h (ft.)		Eleva	tion (ft.)						
Geological Material	Co	lor	Hardness	From	To	Thickness	From	To	Stratigraphy	Primary Lithology	Secondary	Minor I	ithology	
SAND/GRAVEL	BF	ROWN	SOFT	0	16	16	643	627	sand +larger-brown	sand	gravel			
Minnesota Wel	l Index - :	Stratio	oranhy R	enort				7031	163			Dein	ted on 09/30	0/2025

704170

County Quad

Quad ID

St. Louis

Duluth 244D WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

MINNESOTA DEPARTMENT OF HEALTH

**Entry Date** 

Update 01

**Received Date** 

01/17/2006 12/05/2019

Well Name A & L DOWNTOWN	Township 50	Range 14	Dir Section W 27	Subsec ACBI		Use elevator		Statu: A	Well Depth 42 ft.	Deptl 42 ft.	a Completed	Date Well 0	•	d		c/ <b>Reg. No.</b>	
Elevation 655 ft.	Elev. Method	LiDA	AR 1m DEM (M	NDNR)		Aquifer			Depth to Bedrock	2	ft Open Hole	-	ft	Static Wat	ter Level	6	ft
Field Located By Unique No. Verified	County Plan Address veri	_	oning		cate Meth	0100	A Off (avera	ged) (15 met	ers)		Universal Transv UTM Easting (X)		r (UTM) 568790	- NAD83 - Z	one 15 -		
Geological Interpretation Agency (Interpretation)		y Block		_	out Date	04/06/2	U	cai Survey			UTM Northing (Y	Y)	518196	c study 1:24	k to 1·100	ć	
8V F				Dept	h (ft.)		Eleva	ation (ft.)					Georogi	e staay 112.	1110 11100		
Geological Material	Co	olor	Hardness	From	To	Thickness	From	To	Stratigraphy	P	rimary Lithology	Sec	condary		Minor Li	thology	
CONCRETE	Gl	RAY	M.HARD	0	2	2	655	653	pavement	pa	vement (man-mad	e)					
ROCK	Gl	RAY	HARD	2	42	40	653	613	upper southwest vole	c ba	nsalt						
Minnesota Wel	l Index -	Strati	graphy R	eport				<b>704</b>	170						Printe	ed on 09/3	0/202:

739031

County Quad

Quad ID

St. Louis

Duluth 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** 

Update

05/08/2006

**Received Date** 

12/05/2019

Well Name SHERMAN	Township 50	Range 14	Dir Section W 27	Subsec CAA(		Use elevator		Status A	Well Depth 56 ft.		<b>Depth Completed</b> 56 ft.	Date Well C	-	1	Lic/Reg. No.	
Elevation 639 ft.	Elev. Method	LiDA	AR 1m DEM (M	NDNR)		Aquifer			Depth to Bedro	ck (	O ft Open Hole	-	ft	Static Water Level		ft
Field Located By Unique No. Verified Geological Interpretation	County Plan Address veri Am	_	oning	Inj	cate Meth out Source out Date	0100	sota Geologi	ged) (15 mete cal Survey	ers)		UTM Easting (X) UTM Northing (	Y)	568517 518156	- NAD83 - Zone 15 -		
Agency (Interpretation)					1 (84)		TOL	(84)			Interpretaion Me	thod	Geologi	c study 1:24k to 1:10	00k	
Geological Material	Co	olor	Hardness	From	h (ft.) To	Thickness	From	ation (ft.) To	Stratigraphy		Primary Lithology	Sec	condary	Minor	Lithology	
GRANITE	G	RAY	HARD	0	28	28	639	611	upper southwest	volc	icelandite					
GRANITE	R	ED	HARD	28	56	28	611	583	upper southwest	volc	volcanics,					
Minnesota We	ll Index -	Strati	graphy R	eport				739	031					Pri	inted on 09/30	)/2025

739041

County Duluth Quad

St. Louis

244D Quad ID

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** 

06/29/2009

Update 10/29/2007 12/05/2019 **Received Date** 

Well Name A & L PROPERTIES	Township 50	Range 14	Dir Section W 27	Subse ACD		Use elevator		Status A	Well Depth 49 ft.	<b>Dep</b>	<b>pth Completed</b> ft.	Date We	ell Complete	d	1	Lic/Reg. No. 1832	
Elevation 614 ft.	Elev. Method	LiD	AR 1m DEM (M	NDNR)		Aquifer	upper south	hwest	Depth to Bedrock	2	ft Open Hole	-	ft	Static W	ater Level	10	ft
Field Located By Unique No. Verified Geological Interpretation Agency (Interpretation)	County Plan Address veri Am	_	oning	In	ocate Meth put Source put Date	0122	A Off (averagesota Geologica 2017	, ,	ers)		Universal Transv UTM Easting (X) UTM Northing (Y Interpretaion Me	7)	568951 518195		<b>Zone 15 -</b> 24k to 1:10	0k	
				Dep	th (ft.)		Elevat	tion (ft.)									
Geological Material	Co	olor	Hardness	From	To	Thickness	From	To	Stratigraphy		Primary Lithology		Secondary		Minor l	Lithology	
GRAVEL	G	RAY	MEDIUM	0	2	2	614	612	gravel (+larger)-gr	ay	gravel						
BROKEN ROCK	D	K. GRY	MEDIUM	2	9	7	612	605	upper southwest vo	olc	basalt		basaltic and	desite	crevice	,	
GRANITE	D	K. GRY	HARD	9	49	40	605	565	upper southwest vo	olc	basalt		basaltic and	desite			
Minnesota We	ll Index -	Strati	graphy R	Report				739	041						Prir	nted on 09/30	)/2025

739042

St. Louis County Quad

Duluth 244D Quad ID

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** Update

06/30/2009

10/29/2007

12/05/2019

Well Name	Township	Range	Dir Section	Subse	ction	Use		Status	Well Depth	Depth Completed	<b>Date Well Completed</b>	Lic/Reg. No.
A & L PROPERTIES	50	14	W 27	ACD.	ABB	elevator		A	49 ft.	49 ft.	10/18/2007	1832
Elevation 615 ft.	Elev. Method	LiDA	AR 1m DEM (M	NDNR)		Aquifer	upper soutl	hwest	Depth to Bedrock	2 ft Open Hole	- ft Static	Water Level 10 ft
Field Located By	County Plann	ing & Zo	oning	Lo	ocate Metho	od GPS S	A Off (averag	ed) (15 mete	ers)	Universal Transve	rse Mercator (UTM) - NAD83	- Zone 15 -
Unique No. Verified	Address verifi	cation		In	put Source	Minne	sota Geologica	al Survey		UTM Easting (X)	568946	
<b>Geological Interpretation</b>	Amy	Block		In	put Date	10/11/	2017			UTM Northing (Y)	518195	
Agency (Interpretation)										Interpretaion Met	hod Geologic study 1	:24k to 1:100k
				Dept	th (ft.)		Eleva	tion (ft.)				
Geological Material	Cole	or	Hardness	From	To	Thickness	From	To	Stratigraphy	Primary Lithology	Secondary	Minor Lithology
GRAVEL	GR	AY	MEDIUM	0	2	2	615	613	gravel (+larger)-gray	gravel		
BROKEN ROCK	DK	. GRY	MEDIUM	2	8	6	613	607	upper southwest volc	basalt	basaltic andesite	crevice
GRANITE	DK	. GRY	HARD	8	49	41	607	566	upper southwest volc	basalt	basaltic andesite	
Minnesota Wel	l Index - S	Strati	graphy R					7390	042			Printed on 09/30/202

764826

County St. I Quad Duly

Quad ID

St. Louis

Duluth 244D MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

Entry Date Update 07/28/2009

10/23/2009

Received Date

12/05/2019

Well Name	Township	Range	Dir Section	Subsec	ction	Use		Status	Well Depth	Depth Completed	<b>Date Well Completed</b>	Lic/Reg. No.	
HURLBUT-ZEPPA	50	14	W 27	ADBI	3BA	elevator		A	34 ft.	34 ft.	03/03/2009	1832	
Elevation 628 ft.	Elev. Method	LiDA	AR 1m DEM (Mî	NDNR)		Aquifer			Depth to Bedrock	0 ft Open Hole	- ft Statio	e Water Level	ft
Field Located By	Minnesota G	eological	Survey	Lo	cate Meth	od Digitiz	zation (Screen	n) - Map (1:12	2,000) (>15	Universal Transv	erse Mercator (UTM) - NAD8	3 - Zone 15 -	
Unique No. Verified	Address verit	fication		Inj	out Sourc	e Minne	sota Geologic	cal Survey		UTM Easting (X)	569103		
Geological Interpretation	Am	y Block		Inj	out Date	04/28/	2016			UTM Northing (Y	518213		
Agency (Interpretation)										Interpretaion Met	thod Geologic study	1:24k to 1:100k	
				Dept	h (ft.)		Eleva	ation (ft.)					
Geological Material	Co	lor	Hardness	From	To	Thickness	From	To	Stratigraphy	Primary Lithology	Secondary	Minor Lithology	
BROKEN GRANITE	BI	LACK	HARD	0	5	5	628	623	upper southwest volc	basalt	basaltic andesite	crevice	
GRANITE	BI	LACK	HARD	5	34	29	623	594	upper southwest volc	basalt	basaltic andesite		
													—
Minnesota Wel	ll Index -	Strati	graphy R	eport				764	826			Printed on 09/30/	/202

454658

County St. Louis
Quad Duluth
Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date 10/31/1990 12/05/2019

Well Name Township Range Dir Section Subsection BOWMAN 50 14 W 27 CABCDC	Well Dept 312 ft.	th Depth Completed Date Well Completed 312 ft. 05/11/1989
Elevation 697 ft. Elev. Method LiDAR 1m DEM (MNDNR)	Drill Meth	
Address	Use air	conditioning Status Sealed
Well 330 2ND ST W DULUTH MN 55802		ofractured? Yes No From To
Contact 700 FIRST BANK PL DULUTH MN 55802	Casing Ty	
Stratigraphy Information	Drive Sho	
	rdness Casing Dia	_
	OFT 6 in. To	o 25 ft. 19.4 lbs./ft. 6 in. To 312 ft.
GABBRO IV 312 BEACK ME	Open Hole	e From 25 ft. To 312 ft.
	Screen?	Type Make
	Static Wa	ter Level
	Pumping	Level (below land surface)
		Completion
		pter manufacturer Model ng Protection X 12 in. above grade
		rade (Environmental Wells and Borings ONLY)
		Information Well Grouted? Yes X No Not Specified
	<u>100</u>	Known Source of Contamination  feet East Direction Septic tank/drain field Type  nfected upon completion? X Yes No
	Pump  Manufactt  Model Nu	Not Installed Date Installed urer's name  mber HP Volt
	Length of	· · · · · · · · · · · · · · · · · · ·
	Abandone	ed
	Variance	erty have any not in use and not sealed well(s)?  Yes X No
		iance granted from the MDH for this well? Yes No
	Miscellan	
	First Bedro	ock upper southwest volc Aquifer Duluth Complex Duluth Complex Depth to Bedrock 10 ft
	Located by	Burdin Complex
Remarks HOLE PRODUCED VERY LITTLE WATER, WAS ABANDONED.	Locate Me	thod Digitization (Screen) - Map (1:24,000) (15 meters or
WELL SEALED 5-12-1989 BY 69183.	System Unique Nu	UTM - NAD83, Zone 15, Meters X 568310 Y 5181602 umber Verification Address verification Input Date 04/24/2018
	Angled D	11001000 (01110011011)
	Well Con	tractor
	Peterser	a Well Co. 69183 PETERSEN, D.
	License	e Business Lic. or Reg. No. Name of Driller
Minnesota Well Index Report	454658	Printed on 09/30/2025 HE-01205-15

533478

County St. Louis
Quad Duluth

Quad ID 244D

### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date 06/16/1994 12/05/2019

Well Name	Township 50	Range	Dir Secti W 27	on Subse		Well Depth 34 ft.	<b>Depth</b> 33.5 ft	Completed	<b>Date Wel</b> 12/28/199	ll Completed	
	648 ft. <b>Elev. Me</b>					Drill Method	Non-specified R		12/28/199 Ill Fluid Foam	73	
Address	040 It. Elev. Me	ınou	LiDAR 1m D	EM (MNDNR	.)	Use elevat		totaly Dri	ii Fiuid Foam	Status	Active
	22 1 CT CT F										Active
C/W	32 1ST ST E	DULUTI	1 MN 55802			Well Hydrofra		es No	From	То	
Ctrationanh	Information					Casing Type Drive Shoe?		No Al	Joint bove/Below		
Straugrapny Geological M	I <b>nformation</b> Iaterial	From	To (ft.)	Color	Hardness	Casing Diame		NO L. AL	JOVE/ DEIOW	Hole Diameter	r
_	D BEDROCK	0	5	RED		16 in. To	32 ft. 62.5 l	lbs./ft.			33.5 ft.
BLUE GRAN	NITE	5	34	BLUE							
						Open Hole	From	ft. To		ft.	
						Screen?	Typ		Make	11.	
							_				
						Static Water	Lovol				
						Static Water	Level				
						Pumping Le	vel (below land sur	rface)			
						Wellhead C	_				
						Pitless adapte		12 in ab	Mo ove grade	del	
							Protection e (Environmental V				
						Grouting In	formation We	ell Grouted?	Yes No	Not S <sub>1</sub>	pecified
						Material		Amount		From To	
						neat cement		20 S	acks	0 ft. 32	5 ft.
						Nearest Kno	own Source of Con	tamination			
								irection			Type
						Well disinfe	cted upon completi	ion?	Yes	No	**
						Pump Manufacturer	Not Instal	led Date I	nstalled		
						Model Numb		HP	Volt		
						Length of dro	op pipe ft	t Capacity		Syp	
						Abandoned					
							y have any not in use a	and not sealed well(	s)?	Yes	No
						Variance Was a varian	ce granted from the M	IDH for this wall?		Yes	No.
						Miscellaneo		iDIT for this well:		] 103 [	No
						First Bedrock		st volc	Aquifer		
						Last Strat	upper southwes		Depth to Bedr	rock 0	ft
Remarks						Located by		Geological Surve	•		
Kemai Ka						Locate Metho System	GPS SA O: UTM - NAD83, Zo	off (averaged) (15	meters) X 56885	5 Y 518	2026
						1 -	per Verification	Address verifi	_		/06/2018
						Angled Dril				31/	
						Well Contra	ctor				
							ntracting, Inc	L	0006	ZIMBAUI	ER, R.
						Licensee E	Susiness	Lic. or R	eg. No.	Name of D	riller
					=00	1450					
Minnesot	ta Well Index	Repor	rt		533	3478					on 09/30/2025
		1.					1				HF-01205-15

533479

County St. Louis
Quad Duluth

Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date 06/16/1994 12/05/2019

HE-01205-15

Well Name Township Range Dir Section Subsection JAUSS, JAMES 50 14 W 27 CACAI	•	<b>Depth Completed</b> 34.5 ft.	<b>Date Well Completed</b> 02/04/1994
	Drill Method		Drill Fluid Foam
Elevation 650 ft. Elev. Method LiDAR Im DEM (MNDNR)  Address	Use eleva		Status Active
	Well Hydrof		
Contact 1931 2ND ST E DULUTH MN 55812  Well 403 SUPERIOR ST W DULUTH MN 55802		165 110	From To
Well 403 SUPERIOR ST W DULUTH MN 55802  Stratigraphy Information	Casing Typ Drive Shoe	· — —	Joint Above/Below
Geological Material From To (ft.) Color	Hardness Casing Dian		Hole Diameter
SAND & COBBLES 0 18	12 in. To	34 ft. lbs./ft.	20 in. To 34.5 ft.
ROCK 18 35 BLUE	20 in. To	18 ft. lbs./ft.	
	Open Hole	From ft.	To ft.
	Screen?	Туре	Make
	Static Wate	r Level	
	Pumping L	evel (below land surface)	
		er manufacturer	Model . above grade
		de (Environmental Wells and Bor	<u> </u>
	Grouting In		X Yes No Not Specified
	Material neat cemen	t Amc	ount From To Sacks 0 ft. 34.5 ft.
		own Source of Contamination feet Direction fected upon completion?	Type No
	Pump  Manufactur  Model Num	er's name	ate Installed  Volt
	Length of d		g.p. Typ
	Abandoned		
	Variance Was a varia	nce granted from the MDH for this we	II? Yes No
	Miscellane First Bedroc Last Strat Located by		Aquifer Depth to Bedrock 18 ft
Remarks		od GPS SA Off (averaged) UTM - NAD83, Zone 15, Meters aber Verification Address vo	(15 meters) X 568412 Y 5181452
	Angled Dri	II Hole	
	Well Conti Rudy's Co Licensee	ontracting, Inc	L0006 ZIMBAUER, R. or Reg. No. Name of Driller
Minnesota Well Index Report	533479		Printed on 09/30/2025

533480

Minnesota Well Index Report

County St. Louis
Quad Duluth

Quad ID 244D

### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date 07/03/1995 12/05/2019

Printed on 09/30/2025

HE-01205-15

**Received Date** 

Well Depth **Date Well Completed** Well Name Township Range Dir Section Subsection Depth Completed NEW APOLLO W 27 ACABCD 36 ft. 36 ft. 07/27/1994 14 Drill Fluid Foam **Drill Method** Non-specified Rotary Elevation 654 ft. Elev. Method LiDAR 1m DEM (MNDNR) Address Use elevator Status Active Well Well Hydrofractured? 102 1ST ST E DULUTH MN 55802 Yes No From To P.O. BOX 39 DULUTH MN 55802 Contact Casing Type Single casing **Joint** Welded X Drive Shoe? Stratigraphy Information Yes No Above/Below Geological Material From To (ft.) Color Hardness Casing Diameter Weight **Hole Diameter** CLAYEY SAND & 0 2 **BROWN** 16 in. To 35 ft. lbs./ft. 19 in. To 36 ft. GRANITE 2 36 **BLUE** HARD Open Hole То From ft. ft. Make Screen? Type Static Water Level Pumping Level (below land surface) Wellhead Completion Pitless adapter manufacturer Model Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY) Well Grouted? X Yes **Grouting Information** No Not Specified To Material Amount From ft. 36 neat cement 30 Sacks 0 ft. **Nearest Known Source of Contamination** Direction feet Type Well disinfected upon completion? Yes No Pump Date Installed Not Installed Manufacturer's name HP Model Number Volt Length of drop pipe Capacity g.p. Typ Abandoned Does property have any not in use and not sealed well(s)? Yes No Variance Was a variance granted from the MDH for this well? No Miscellaneous First Bedrock Aquifer upper southwest volc Last Strat upper southwest volc Depth to Bedrock ft Minnesota Geological Survey Located by GPS SA Off (averaged) (15 meters) Locate Method START OF HOLE IN APPROX. 12 FT BELOW NORTH SIDEWALK. UTM - NAD83, Zone 15, Meters X 568874 System Y 5182072 Unique Number Verification Input Date Address verification 04/06/2018 **Angled Drill Hole** Well Contractor Rudy's Contracting, Inc L0006 ZIMBAUER, R. Licensee Business Lic. or Reg. No. Name of Driller 533480

567858

County St. Louis

Quad Quad ID

# MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

**Entry Date** 

09/16/2008

**Update Date** 

12/05/2019

Well Name MW-2 CITY OF	Township Range 50 14	Dir Section W 27	Subsection null	Well Depth null		Depth Complete null	d Date	Well Comple	ted
Elevation	Elev. Method	<b>VV</b> 21	nun	Drill Method		nun	Drill Fluid		
Address	Diev. Method			Use			Dim i miu	Statu	is
C/W	411 W. 1ST. ST MN			Well Hydrofra	actured?	Yes No	o From		
C/ **	411 W. 151. 51 WIIV			Casing Type		ies No	Joint	1	Го
Stratigraphy Info	rmation			Drive Shoe?		No	Above/Belov	7	
				Open Hole	From	ft.	To	ft.	
				Screen?		Туре	Make		
				Static Water	r Level				
				Pumping Le	evel (below l	and surface)			
				Wellhead C	ompletion				
				Pitless adapte				Model	
					Protection de (Environn	12 nental Wells and B	in. above grade orings ONLY)		
				Grouting In		Well Grouted?		No X No	ot Specified
					g				
					eet	of Contamination  Direction	1		Туре
					ected upon co		Yes	No	1,100
				Pump Manufacture	r's name		Date Installed		
				Model Numb		HP ft Capacity		Volt Typ	
				Abandoned		н сириску	g.p.	Тур	
						t in use and not sealed	d well(s)?	Y	Yes No
				Variance Was a varian	ace granted fro	m the MDH for this v	well?	Yes	☐ No
				Miscellaneo First Bedrock Last Strat Located by			Aquife		ft
Remarks MW-2 NOT INSTAI	LLED			Locate Metho System Unique Numb		AD83, Zone 15, Mete	ers X	Y Input Date	
				Angled Dril	ll Hole				
				Well Contra	actor				
				Earth Burr	ners, Inc.		M0142		
				Licensee E	Business	Lic	c. or Reg. No.	Name o	of Driller
Minnesota V	Vell Index Repo	rt	56	67858				Prin	nted on 09/30/2025 HE-01205-15

644513

County St. Louis
Quad Duluth
Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date (Update Date

05/29/2001 12/05/2019

HE-01205-15

Well Name Town OFFICE DEPOT, 50	nship Range	Dir Section W 27	Subsection CAADBA	Well Depth 11 ft.	<b>De</b> j	pth Completed	Date W	Vell Completed	
Elevation 642 ft. El	ev. Method	LiDAR 1m DEM	(MNDNR)	Drill Method	Cable Tool		Drill Fluid		
Address				Use domes	stic			Status	Active
Contact 2200 C	OLD GERMANT	OWN RD DEL	RAY BEACH FL 33445	Well Hydrofra	actured?	Yes No	From	То	
Well 207W	SUPERIOR ST	DULUTH MN 5	5802	Casing Type	Step down		Joint	Welded	
Stratigraphy Information	on			Drive Shoe?	· —	No	Above/Below		
Geological Material	From	` ′	olor Hardness	Casing Diame	eter Weigh	ıt		Hole Diameter	
CLAY/GRAVEL	0	4 RE		16 in. To	11 ft. 62.5			24 in. To	11 ft.
KEWEENAWAN	4	11 BL	ACK HARD	24 in. To	5 ft. 63.4	lbs./ft.			
				Open Hole Screen?	From T	ft. 'ype	To Make	ft.	
				Static Water	Level				
				Pumping Le	vel (below land	surface)			
				Casing	ompletion r manufacturer Protection le (Environmenta		above grade	Model	
				Grouting Inf				lo Not Sr	ecified
				Material		Amo		From To	
				neat cement		16	Sacks	0 ft. 11	ft.
				fe	own Source of C	Direction	Yes	☐ No	Туре
				Pump Manufacturer			te Installed		
				Model Numb Length of dro		HP ft Capacity	V o	oit Typ	
				Abandoned	y have any not in u		g.p.	Yes	☐ No
				Variance	on arouted from the	MDU for this1	19	Yes	<b>K</b> No
				Miscellaneo	ce granted from the	INDU TOL THIS ME	1:	1 1 0 8	K No
Remarks				First Bedrock Last Strat Located by	upper south upper south Minneso	west volc ota Geological S	•	edrock 4	ft
PIT 5 FT. BELOW GRADE					UTM - NAD83	Off (averaged) 5, Zone 15, Meters Address ve	X 568	_	1647 06/2018
				Angled Drill	l Hole				
				Well Contra					
				Midwest D Licensee B		Lic.	L0004 or Reg. No.	STANGRI Name of Dr	
Minnesota Well l	Index Repo	rt	644	4513				Printed o	n 09/30/2025

701046

County St. Louis
Quad Duluth
Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date 02/21/2008 02/26/2019

HE-01205-15

**Received Date** 07/05/2007

Well Name Township MW-2 50	Range Dir Section W 27	on Subsection CDBBCA	Well Depth 10 ft.	<b>Depth Complete</b> 9.31 ft.	od Date Wei 06/28/200	ll Completed 07	
Elevation 644 ft. Elev. Met			Drill Method		Drill Fluid		
Address			Use monit	tor well		Status Sealed	
Well 505 SUPERIO	R ST W DULUTH M	N 55802	Well Hydrofr	actured? Yes No	o X From	То	_
			Casing Type		Joint		_
Stratigraphy Information			Drive Shoe?	Yes No	Above/Below		
Geological Material SANDY FILL MATEIAL	` ′	Color Hards BROWN SOFT	Casing Diam	=		Hole Diameter	
SANDT FILE MATEIAL	0 10	DROWN SOL	2 in. To	4.3 ft. 0 lbs./ft.		4.2 in. To 9.3 ft.	
			Open Hole	From ft.	То	ft.	
				Type plastic		OHNSON	
			Diameter 2 in.	Slot/Gauze Length 10 5 ft.	Set 4.3 ft.	9.3 ft.	
			Static Wate	r Level			_
			Pumping Le	evel (below land surface)			_
			I — ·	er manufacturer	Moin. above grade	odel	
			X At-grad	de (Environmental Wells and B			
			Grouting In  Material bentonite		mount	From To 0.5 ft. 3.3 ft.	
			<u>20</u> f	own Source of Contamination Feet South Direction ected upon completion?	n Yes 🕽	Type 【 No	
			Pump Manufacture Model Numl	r's name	Date Installed Volt	t	
			Length of dr	op pipe ft Capacity	g.p. T	Гур	
			Abandoned Does proper	ty have any not in use and not sealed	d well(s)?	Yes X No	
			Variance	y nave any not in use and not search		103 🔀 110	_
			Was a variar	ace granted from the MDH for this v	well?	Yes X No	
			Miscellaned First Bedrocl Last Strat Located by		Aquifer Depth to Bedi 1 Survey	rock ft	
Remarks SEALED 02-04-2010 BY 1381. NO WATER ENCOUNTERED.			Locate Methors System Unique Num	2	- Map (1:12,000) (>1 ers X 56826		
			Angled Dril	5110 1 1111	<u> </u>	05/11/2010	_
			Well Contra				
			Twin Port Licensee I	s Testing, Inc. Business Lic	1381 c. or Reg. No.	DINNAN, L.  Name of Driller	
Minnesota Well Index	Report		701046			Printed on 09/30/2023	5

701047

County St. Louis
Quad Duluth

Quad ID 244D

### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

**Entry Date** 

**Update Date** 02/26/2019 **Received Date** 07/05/2007

HE-01205-15

Well Name Dir Section Subsection Well Depth **Depth Completed Date Well Completed** Township Range MW-3 50 W 27 CDBBCA 13 ft. 12.17 ft. 06/28/2007 14 644 ft. Elev. Method **Drill Method** Elevation Auger (non-specified) LiDAR 1m DEM (MNDNR) **Drill Fluid** Address monitor well Status Sealed Well Well Hydrofractured? 505 SUPERIOR ST W DULUTH MN 55802 X Yes [ From No To Joint Casing Type Single casing **Drive Shoe?** No Yes Above/Below Stratigraphy Information Geological Material To (ft.) Color Hardness From **Casing Diameter** Weight Hole Diameter SANDY FILL MATERIAL 0 3 **BROWN** SOFT 2 in. To 12.2 ft. 0 lbs./ft. 4.2 in. To 12.1 ft. CLAY W/SAND & SILT 3 13 RED/BRN Open Hole To ft. From ft. Type Make JOHNSON Screen? plastic X Diameter Slot/Gauze Length Set in. 10 5 ft. 7.2 ft. 12.2 ft. Static Water Level Pumping Level (below land surface) Wellhead Completion Pitless adapter manufacturer Model Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY) Well Grouted? X Yes **Grouting Information** No Not Specified Material From To Amount 0.8 ft. 5.1 bentonite 0.5 ft. Sacks Nearest Known Source of Contamination North Direction feet Type Well disinfected upon completion? Yes X No Pump Not Installed Date Installed Manufacturer's name HP Model Number Volt Length of drop pipe ft Capacity Тур g.p. Abandoned Does property have any not in use and not sealed well(s)? Yes X No Variance Was a variance granted from the MDH for this well? Yes X No Miscellaneous First Bedrock Aquifer Quat. Water Last Strat Depth to Bedrock ft clay/sand/silt-no peb. Located by Minnesota Geological Survey Remarks Locate Method Digitization (Screen) - Map (1:12,000) (>15 meters) SEALED 02-04-2010 BY 1381. UTM - NAD83, Zone 15, Meters System X 568284 Y 5181281 NO WATER ENCOUNTERED. Unique Number Verification Input Date Site Plan 03/17/2016 Angled Drill Hole Well Contractor Twin Ports Testing, Inc. DINNAN, L. 1381 Name of Driller Licensee Business Lic. or Reg. No. 701047 Printed on 09/30/2025 Minnesota Well Index Report

704170

County St. Louis
Quad Duluth

Quad ID 244D

### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

**Entry Date** 

**Update Date** 12/05/2019 **Received Date** 01/17/2006

HE-01205-15

Well Name Well Depth **Date Well Completed** Township Range Dir Section Subsection Depth Completed A&L 50 W 27 ACBDCD 42 ft. 42 ft. 01/05/2006 14 Drill Method Elevation 655 ft. Elev. Method Non-specified Rotary Drill Fluid LiDAR 1m DEM (MNDNR) Address Use elevator Status Active Contact Well Hydrofractured? 16W 1ST ST DULUTH MN 55802 Yes No X From To Well 10W 1ST ST DULUTH MN 55805 Casing Type Step down **Joint** Welded Drive Shoe? Yes X Stratigraphy Information Above/Below Geological Material From To (ft.) Color Hardness Casing Diameter Weight **Hole Diameter** CONCRETE M.HARD 0 2 **GRAY** 16 in. To 42 ft. 62.6 lbs./ft. 19. in. To 42 ft. ROCK 2 42 **GRAY** HARD in. To 20 ft. 52.7 lbs./ft. Open Hole То From ft. ft. Make Screen? Type Static Water Level 01/05/2006 land surface Measure Pumping Level (below land surface) Wellhead Completion Pitless adapter manufacturer Model 12 in. above grade Casing Protection At-grade (Environmental Wells and Borings ONLY) Well Grouted? X Yes **Grouting Information** No Not Specified Material Amount From To ft. 42 neat cement 2.25 Cubic yards ft. **Nearest Known Source of Contamination** Direction feet Type Well disinfected upon completion? Yes No Pump Date Installed Not Installed Manufacturer's name HP Model Number Volt Length of drop pipe Capacity g.p. Typ Abandoned Does property have any not in use and not sealed well(s)? Yes No Variance Was a variance granted from the MDH for this well? Yes X No Miscellaneous First Bedrock Aquifer upper southwest volc Last Strat upper southwest volc Depth to Bedrock ft Minnesota Geological Survey Located by Remarks GPS SA Off (averaged) (15 meters) Locate Method UTM - NAD83, Zone 15, Meters System X 568790 Y 5181966 Unique Number Verification Input Date Address verification 04/06/2018 **Angled Drill Hole** Well Contractor United Drilling, Inc. L0008 GRABER, K. Licensee Business Lic. or Reg. No. Name of Driller 704170 Printed on 09/30/2025 Minnesota Well Index Report

739031

County St. Louis
Quad Duluth

Quad ID 244D

### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

**Entry Date** 

**Update Date** 12/05/2019 **Received Date** 05/08/2006

HE-01205-15

Well Name Well Depth **Date Well Completed** Township Range Dir Section Subsection Depth Completed SHERMAN 50 14 W 27 CAACDC 56 ft. 56 ft. 04/28/2006 Drill Method Elevation 639 ft. Elev. Method Non-specified Rotary Drill Fluid LiDAR 1m DEM (MNDNR) Address Use elevator Status Active Contact Well Hydrofractured? 233 PARK AV S DULUTH MN Yes No X From To Well 301 SUPERIOR ST E DULUTH MN 55802 Casing Type Step down **Joint** Welded Drive Shoe? Yes X Stratigraphy Information Above/Below Geological Material From To (ft.) Color Hardness Casing Diameter Weight **Hole Diameter** GRANITE HARD 0 **GRAY** 28 18 in. To 56 ft. 82.2 lbs./ft. 24 in. To 56 ft. GRANITE 28 56 RED HARD 24 in. To ft. 63.4 lbs./ft. Open Hole То From ft. ft. Make Screen? Type Static Water Level Pumping Level (below land surface) Wellhead Completion Pitless adapter manufacturer Model 12 in. above grade Casing Protection At-grade (Environmental Wells and Borings ONLY) Well Grouted? X Yes **Grouting Information** No Not Specified Material Amount From To ft. 56 neat cement Cubic yards ft. **Nearest Known Source of Contamination** Direction feet Type Well disinfected upon completion? Yes No Pump Date Installed Not Installed Manufacturer's name HP Model Number Volt Length of drop pipe Capacity g.p. Typ Abandoned Does property have any not in use and not sealed well(s)? Yes No Variance Was a variance granted from the MDH for this well? Yes X No Miscellaneous First Bedrock Aquifer upper southwest volc Last Strat upper southwest volc Depth to Bedrock ft Minnesota Geological Survey Located by Remarks GPS SA Off (averaged) (15 meters) Locate Method UTM - NAD83, Zone 15, Meters System X 568517 Y 5181566 Unique Number Verification Input Date Address verification 04/06/2018 **Angled Drill Hole** Well Contractor United Drilling, Inc. L0008 LUTZ, D. Licensee Business Lic. or Reg. No. Name of Driller 739031 Printed on 09/30/2025 Minnesota Well Index Report

739041

Minnesota Well Index Report

County St. Louis Quad Duluth Quad ID 244D

#### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

**Entry Date Update Date** 

06/29/2009 12/05/2019

HE-01205-15

**Received Date** 10/29/2007

Well Name Dir Section Subsection Well Depth **Depth Completed Date Well Completed** Township Range 50 W 27 49 ft. 49 ft. 10/10/2007 A & L 14 **ACDABB** Drill Method 614 ft. Elev. Method Elevation Non-specified Rotary LiDAR 1m DEM (MNDNR) **Drill Fluid** Address Status Active elevator Well Hydrofractured? C/W 38 SUPERIOR ST E DULUTH MN 55807 X Yes From No To Joint Casing Type Step down Welded Yes X **Drive Shoe?** No Above/Below Stratigraphy Information Geological Material To (ft.) Color Hardness From **Casing Diameter** Weight Hole Diameter GRAVEL 0 2 GRAY **MEDIUM** 16 in. To ft. 62.6 lbs./ft. 19. in. To 49 ft. BROKEN ROCK 2 9 DK. GRY MEDIUM 20 in. To ft. 52.7 lbs./ft. GRANITE 9 49 DK. GRY HARD Open Hole To ft. From ft. Type Make Screen? Static Water Level 10/10/2007 ft. land surface Measure Pumping Level (below land surface) Wellhead Completion Pitless adapter manufacturer Model Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY) Well Grouted? X Yes **Grouting Information** No Not Specified Material Amount From To ft. 49 1.75 Cubic yards ft. neat cement Nearest Known Source of Contamination Direction feet Type Well disinfected upon completion? Yes No Pump Not Installed Date Installed Manufacturer's name HP Model Number Volt Length of drop pipe ft Capacity Тур g.p. Abandoned Does property have any not in use and not sealed well(s)? Yes No Variance Was a variance granted from the MDH for this well? Yes X No Miscellaneous First Bedrock upper southwest volc Aquifer upper southwest Last Strat Depth to Bedrock upper southwest volc ft Located by Minnesota Geological Survey Remarks Locate Method GPS SA Off (averaged) (15 meters) HARD ROCK. UTM - NAD83, Zone 15, Meters System X 568951 Y 5181951 Unique Number Verification Address verification Input Date 10/11/2017 Angled Drill Hole Well Contractor United Drilling, Inc. SIMON, G. 1832 Name of Driller Licensee Business Lic. or Reg. No. 739041 Printed on 09/30/2025

739042

County St. Louis
Quad Duluth
Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date 06/30/2009 12/05/2019

**Received Date** 10/29/2007

Well Name	Township	Range	Dir Secti			Well Depth		epth Completed		Vell Completed	
A & L	50	14	W 27	ACDA		49 ft.		ft.	10/18/2	2007	
	ft. Elev. Met	thod	LiDAR 1m D	EM (MNDNR	2)	Drill Method	Non-specifi	ed Rotary	Drill Fluid	C44	A -4:
Address						Use elevate				Status	Active
C/W	38 SUPERIOR	R ST E DI	JLUTH MN	55807		Well Hydrofra		Yes No		To	
Stratigraphy Inf	ormation					Casing Type Drive Shoe?		No	Joint Above/Below	Welded	
Geological Mater		From	To (ft.)	Color	Hardness	Casing Diame			ADDVC/Delow	Hole Diamete	er
GRAVEL		0	2	GRAY	MEDIUM	16 in. To	_	.6 lbs./ft.			49 ft.
BROKEN ROCK		2	8	DK. GRY	MEDIUM	20 in. To	8 ft. 52.	.7 lbs./ft.			
GRANITE		8	49	DK. GRY	HARD						
						Open Hole	From	ft.	То	ft.	
						Screen?		Type	Make		
						Static Water					
						10 ft.	land surfac	e	Measure	10/18/2007	
						Pumping Le	vel (below lan	d surface)			
						Wellhead Co	ompletion				
						Pitless adapter				Model	
							Protection le (Environmen	⊥ 12 ir atal Wells and Bo	n. above grade		
						Grouting Inf		Well Grouted?		No Not S	pecified
						Material		Am	ount	From T	o 'o
						neat cement		1.75	5 Cubic yards	ft. 49	9 ft.
						Nearest Kno	own Source of	Contamination			
							eet	Direction			Type
						Well disinfe	ected upon com	pletion?	Yes	No	
						Pump		nstalled D	ate Installed		
						Manufacturer Model Numb		HP	V	olt	
						Length of dro		ft Capacity	g.p.	Тур	
						Abandoned					
							y have any not in	use and not sealed	well(s)?	Yes	No
						Variance Was a variance	ce granted from t	he MDH for this we	al19	Yes	<b>X</b> No
						Miscellaneou		ne mbii ioi una we		103	NO NO
						First Bedrock		hwest volc	Aquifer	upper southwe	est
						Last Strat	upper sout	hwest volc	Depth to B		ft
Remarks						Located by Locate Metho		sota Geological	•		
HARD ROCK.						System	OLDD	A Off (averaged) 83, Zone 15, Meters		946 Y 518	81954
							ber Verification			_	/11/2017
						Angled Drill	Hole				
						Well Contra					
						United Dri		т:	1832	SIMON Name of D	
						Licensee B	ousmess	Lic.	or Reg. No.	Name of D	nnier
					73	9042				***	00/20/202
Minnesota V	Well Index	Repor	t			·				Printed	on 09/30/2025 HE-01205-15

764826

County St. Louis
Quad Duluth
Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date

07/28/2009 12/05/2019

HE-01205-15

**Received Date** 10/23/2009

Well Name Township HURLBUT- 50	Range 14	Dir Sectio W 27	n Subsect ADBB		Well Depth 34 ft.		Depth Completed 34 ft.	Date V 03/03/2	Vell Complete	d
Elevation 628 ft. Elev. Me		LiDAR 1m DE			Drill Method			Drill Fluid	2009	
Address			avi (ivii ibi iii)	,	Use elevat				Status	Active
C/W 222 SUPERIO	OR ST E D	III.IITH MN	1 55802		Well Hydrofra		Yes No	X From	То	
222 561 214	011 01 00	020111111	. 22002		Casing Type			Joint	Welded	
Stratigraphy Information					Drive Shoe?		No X	Above/Below	Welded	
Geological Material	From	` '	Color	Hardness	Casing Diame	eter We	ight		Hole Diame	ter
BROKEN GRANITE	0		BLACK	HARD	16 in. To		2.6 lbs./ft.		20 in. To	34 ft.
GRANITE	5	34	BLACK	HARD	20 in. To	5 ft. 52	2.7 lbs./ft.			
					Open Hole	From	ft.	То	ft.	
					Screen?		Type	Make		
					Static Water	r Level				
					Pumping Le	evel (below lar	nd surface)			
					Wellhead Co	ompletion				
						r manufacturer		N	Model	
						Protection le (Environme	12 in ental Wells and Bo	n. above grade rings ONLY)		
					Grouting In	formation	Well Grouted?	X Yes 1	_	Specified
					Material neat cement		Amo 1.5	Ount Cubic yards	From ft. 3	To 34 ft.
					fe	own Source of eet ected upon cor	f Contamination Direction	☐ Yes	□ No	Туре
					Pump  Manufacturer	X Not		ate Installed		
					Model Numb		HP	V	olt	
					Length of dro	op pipe	ft Capacity	g.p.	Тур	
					Abandoned Does property	y have any not i	n use and not sealed	well(s)?	Yes	s No
					Variance					
							the MDH for this we	:11?	Yes	<b>X</b> No
					Miscellaneo First Bedrock		d 1	Aquifer		
					Last Strat	upper sou	thwest volc	Depth to B		ft
D 1					Located by	Minn	nesota Geological S	Survey		
Remarks					Locate Metho	21510	ization (Screen) - I			100101
					System Unique Numb	ber Verification	D83, Zone 15, Meters			182134 4/28/2016
					Angled Drill		ridicss v	Ciffication	1 0	4/20/2010
					W P C					
					Well Contra  United Dri  Licensee E	illing, Inc.	Lic.	1832 or Reg. No.	LANGSE Name of 1	
Minnesota Well Index	Repor	t		76	4826				Printed	1 on 09/30/2025

703163

County St. Louis
Quad Duluth
Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date

02/28/2008 02/26/2019

HE-01205-15

Received Date 06/27/2007

Well Name Township Range Dir Sec MW-1 50 14 W 27	tion Subsection CDBBCA	Well Depth 16 ft.		<b>Depth Completed</b> 6 ft.	Date V 05/04/2	Well Complete 2007	d
	DEM (MNDNR)	Drill Method		n-specified)	Drill Fluid		
Address		Use monit	or well			Status	Sealed
Well 505 SUPERIOR ST W DULUTH	MN 55812	Well Hydrofra	actured?	Yes No	X From	То	
		Casing Type	Single ca	sing	Joint		
Stratigraphy Information		Drive Shoe?	Yes	No X	Above/Below		
Geological Material From To (ft.) SAND/GRAVEL 0 16	Color Hardness BROWN SOFT	Casing Diame		ight		Hole Diame	
SAND/GRAVEE 0 10	BROWN SOIT	3 in. To	6 ft. 0	lbs./ft.		8.2 in. To	16 ft.
		Open Hole	From	ft.	То	ft.	
		Screen? Diameter	X Slot/Gauze	<b>Type</b> plastic Length	Make Set	JOHNSON	
		3 in.	10	10 ft.	6 ft.	16 ft.	
		Static Water	r Level				
		10 ft.	land surfa	ce	Measure	05/04/2007	7
		Pumping Le	vel (below lar	nd surface)			
		Wellhead C	ompletion				
			r manufacturer			Model	
			Protection	12 ir ntal Wells and Bo	n. above grade		
		Grouting In		Well Grouted?		No Not	Specified
		Material high solids b	pentonite	Am. 0.5	ount Sacks	From ft. 4	To 4 ft.
		<u>5</u> fo	eet <u>E</u> ected upon cor	f Contamination ast Direction npletion?	Yes	X No	Tanks Type
		Pump Manufacture		Installed D	ate Installed		
		Model Numb		HP		olt	
		Length of dro  Abandoned	ор ріре	ft Capacity	g.p.	Тур	
			y have any not i	n use and not sealed	well(s)?	Yes	s 🗶 No
		Variance					
				the MDH for this we	ell? 	Yes	<b>X</b> No
		Miscellaneo First Bedrock Last Strat Located by	sand +lar	ger-brown esota Geological S	Depth to B	Quat. Water Bedrock	ft
<b>Remarks</b> SEALED 02-14-2010 BY 1381.		Locate Metho	od Digiti	zation (Screen) - I	Map (1:12,000) (		
SEALED 02-14-2010 BT 1301.		System Unique Numb	UTM - NAD ber Verification	983, Zone 15, Meters Site Plan	200		181291 3/17/2016
		Angled Dril	l Hole				
		Well Contra	actor				
		Environme Licensee E		Lic.	1688 or Reg. No.	DANSER Name of I	
Minnesota Well Index Report	70	03163				Printed	d on 09/30/2025

704151

County

Quad

Quad ID

St. Louis

Duluth 244D

#### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** 

Update

**Received Date** 

12/07/2004 12/05/2019

Well Name ST. MARY'S	Township 50	Range 14	Dir Section W 27	Subsec AAB		Use elevator		Statu A	Well Dept. 24 ft.	h Dep 24	th Completed	<b>Date Well Completed</b> 11/09/2004	Lic/Reg. No. L0008
Elevation 687 ft.	Elev. Method	LiD	AR 1m DEM (M	NDNR)		Aquifer			Depth to Bedro	ck ()	ft Open Hole	- ft	Static Water Level ft
Field Located By Unique No. Verified	County Plan	ning & Z	oning		cate Meth	2181111	,	creen) - Map (1:1	2,000) (>15		Universal Transv UTM Easting (X)	rerse Mercator (UTM) - 1	NAD83 - Zone 15 -
Geological Interpretation	Plat Book Am	y Block		•	out Date	04/06/2		ological Survey			UTM Northing (	Y) 518248	
Agency (Interpretation)											Interpretaion Me	thod Geologic	study 1:24k to 1:100k
				Dept	h (ft.)			Elevation (ft.)					
Geological Material	Co	olor	Hardness	From	To	Thickness	From	To	Stratigraphy		Primary Lithology	Secondary	Minor Lithology
GRANITE	G	RAY	V.HARD	0	24	24	687	663	upper southwest	volc	basalt		
Minnesota Wel	l Index -	Strati	graphy R	eport				704	151				Printed on 09/30/2025

704152

County

Quad ID

Quad

St. Louis

Duluth 244D

WELL AND BORING RECORD Minnesota Statutes Chapter 1031

MINNESOTA DEPARTMENT OF HEALTH

**Entry Date** 

Update

12/07/2004

**Received Date** 

12/05/2019

Well Name ST. MARY'S	Township 50	Range 14	Dir Section W 27	Subsec	an	Use elevator		Status A	Well Deptl	<b>De</b> <sub>1</sub> 42	pth Completed ft.	Date Well Complete	ed	Lic/Reg. No. L0008
Elevation 684 ft.	Elev. Method	LiDA	R 1m DEM (M	NDNR)		Aquifer			Depth to Bedro	<b>ek</b> 0	ft Open Hole	- f	Static Water Leve	el ft
Field Located By Unique No. Verified Geological Interpretation Agency (Interpretation)	County Plan Plat Book Am	ning & Zo	oning	Inj	cate Metho out Source out Date	01001	A Off (averaged ota Geological 018		ers)		Universal Transv UTM Easting (X UTM Northing ( Interpretaion Mo	Y) 518240	)	
Geological Material	Co	olor	Hardness	Dept From	h (ft.) To	Thickness	Elevatio From	n (ft.) To	Stratigraphy		Primary Lithology	Secondary	Mino	or Lithology
GRANITE	Gl	RAY	V.HARD	0	42	42	684	642	upper southwest	volc	basalt			
Minnegata Wel	ll Indov	Strati	wanhy D	anant				704	152					
Minnesota Wel	n muex -	Su'au	grapily <b>K</b>	eport				/ UT	154				Р	rinted on 09/30/2025

704162

County

St. Louis

Quad ID Duluth
Quad ID 244D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** 

Update

te 04/28/2005

Received Date

Date 12/05/2019

Well Name	Township	Range	Dir Section	Subsec	ction	Use		Status	Well Depth	<b>Depth Completed</b>	<b>Date Well Completed</b>	Lic/Reg. No.	
VP DEVELOPMENT	50	14	W 22	DCA	ADA	elevator		A	50 ft.	50 ft.	04/22/2005	L0008	
Elevation 821 ft.	Elev. Method	LiDA	AR 1m DEM (M	NDNR)		Aquifer			Depth to Bedrock	5 ft Open Hole	- ft Sta	tic Water Level	ft
Field Located By	County Plan	ning & Zo	oning	Lo	cate Meth	od GPS SA	A Off (averaged)	(15 mete	ers)	Universal Transv	verse Mercator (UTM) - NAI	083 - Zone 15 -	
Unique No. Verified	Address veri	fication		Inj	out Source	Minnes	ota Geological S	Survey		UTM Easting (X	569012		
<b>Geological Interpretation</b>	Am	y Block		Inj	out Date	04/06/2	2018			UTM Northing (	Y) 518289		
Agency (Interpretation)										Interpretaion Me	ethod Geologic stud	ly 1:24k to 1:100k	
				Dept	h (ft.)		Elevation	(ft.)					
Geological Material	Co	olor	Hardness	From	To	Thickness	From	To	Stratigraphy	Primary Lithology	Secondary	Minor Lithology	
SANDY CLAY	BI	ROWN	SOFT	0	5	5	821	816	clay+sand-brown	clay	sand		
GRANITE	Gl	RAY	HARD	5	50	45	816	771	upper southwest volc	basalt			
N/:	II T., J.,	C4 4 <b>!</b>	b D					704	162				
Minnesota Wel	n maex -	Strati	grapny <b>K</b>	eport				/ UT	104			Printed on 09/30/2	2025

739032

County Quad

St. Louis

Duluth 244D Quad ID

#### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** 

Update 04/11/2006

12/05/2019 **Received Date** 

Well Name	Township	Range	Dir Section	Subsec	tion	Use		Status	Well Depth	Depth	Completed	<b>Date Well Completed</b>	Lic/Reg. No.	
CITY OF DULUTH	50	14	W 27	AACE	BCD	elevator		A	54 ft.	54 ft.		03/23/2006	L0008	
Elevation 663 ft.	Elev. Method	LiDA	AR 1m DEM (MI	NDNR)		Aquifer			Depth to Bedrock	0	ft Open Hole	- ft Sta	atic Water Level	ft
Field Located By	County Plan	ning & Zo	oning	Lo	cate Metho	d GPS SA	Off (averag	ged) (15 mete	ers)		Universal Transv	verse Mercator (UTM) - NAI	D83 - Zone 15 -	
Unique No. Verified	Address veri	fication		Inp	out Source	Minnes	ota Geologic	al Survey			UTM Easting (X)	569073		
Geological Interpretation	n Am	y Block		Inp	out Date	04/06/2	018				UTM Northing (	Y) 518226		
Agency (Interpretation)											Interpretaion Me	ethod Geologic stud	dy 1:24k to 1:100k	
				Dept	h (ft.)		Eleva	tion (ft.)						
Geological Material	Co	olor	Hardness	From	To	Thickness	From	To	Stratigraphy	Pr	imary Lithology	Secondary	Minor Lithology	
GRANITE	R	ED/BLK	HARD	0	54	54	663	609	upper southwest vol	le ba	salt	basaltic andesite	e	
Minnesota We	ll Index -	Strati	graphy R	eport				739	032				Printed on 09/30/2	2025

739033

County Quad

Quad ID

St. Louis

Duluth

244D

MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD

Minnesota Statutes Chapter 1031

**Entry Date** 

08/03/2006

04/11/2006 Update

**Received Date** 

12/05/2019

Well Name	Township	Range	Dir Section	Subse	ction	Use		Status	Well Depth	Dept	h Completed	Date Well	Completed	l	Lic/Reg. No.	
CITY OF DULUTH	50	14	W 27	AAC	BDC	elevator		A	60 ft.	60 ft	t.	03/23/200	6		L0008	
Elevation 662 ft.	Elev. Method	LiDA	R 1m DEM (M	NDNR)		Aquifer			Depth to Bedrock	0	ft Open Hole	-	ft	Static Water Le	vel	ft
Field Located By	County Plann	ning & Zo	oning	Lo	cate Metho	d GPS SA	Off (averaged)	15 meters	s)		Universal Transv	erse Mercato	or (UTM) -	NAD83 - Zone 15	5 -	
Unique No. Verified	Address verif	ication		In	put Source	Minneso	ta Geological Su	ırvey			UTM Easting (X	)	569091			
Geological Interpretation	Amy	Block		In	put Date	04/06/20	18				UTM Northing (	Y)	518227			
Agency (Interpretation)											Interpretaion Me	thod	Geologic	study 1:24k to 1	1:100k	
				Dept	h (ft.)		Elevation	ft.)								
Geological Material	Col	lor	Hardness	From	To	Thickness	From	Го	Stratigraphy	F	Primary Lithology	Se	condary	Mir	nor Lithology	
GRANITE	RE	D/BLK	HARD	0	60	60	662	502	upper southwest ve	olc b	oasalt	ba	saltic and	lesite		
Minnesota Wel	ll Index - S	Stratis	raphy F	Report				7390	33						Printed on 09/30	0/2025
Tylinicsota ***C	II III CA	Juan	51 aprily 1	срог											Timed on 09/30	3/2023

533481

County St. Louis
Quad

Quad ID

### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

**Entry Date** 

04/01/2013

HE-01205-15

**Update Date** 02/09/2018 **Received Date** 10/23/2008

Well Name Dir Section Subsection Well Depth **Depth Completed Date Well Completed** Township Range ANDA W 22 DDD 7.5 ft. 07/00/1994 14 7.5 ft. **Drill Method Drill Fluid** Elevation Elev. Method Address Use elevator Status Sealed Well Hydrofractured? Well 730 2ND ST E DULUTH MN Yes From No To Joint Casing Type Single casing **Drive Shoe?** No Yes Above/Below Stratigraphy Information **Casing Diameter** Weight 20 in. To 7.5 ft. lbs./ft. Open Hole To ft. From ft. Type Make Screen? Static Water Level 10/12/2006 ft. land surface Measure Pumping Level (below land surface) Wellhead Completion Pitless adapter manufacturer Model Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY) Well Grouted? X Yes **Grouting Information** No Not Specified Material From To Amount ft. 7.5 12 ft. neat cement Sacks Nearest Known Source of Contamination feet Type Well disinfected upon completion? Yes No Pump Not Installed Date Installed Manufacturer's name HP Model Number Volt Length of drop pipe ft Capacity Тур g.p. Abandoned Does property have any not in use and not sealed well(s)? Yes X No Variance Was a variance granted from the MDH for this well? Yes No Miscellaneous First Bedrock Aquifer Last Strat Depth to Bedrock ft Located by Remarks Locate Method ORIGINAL USE: ELEVATOR SHAFT. UTM - NAD83, Zone 15, Meters X Y System ORIGINAL UNIQUE NO. FROM JULY 1994 WAS 533481. MDH SHOWS Unique Number Verification Input Date CANCELLED. Angled Drill Hole Well Contractor Dennys Drilling, Inc. 1779 KOEPP, D. Licensee Business Name of Driller Lic. or Reg. No. 533481 Printed on 09/30/2025 Minnesota Well Index Report

669262

County St. Louis
Quad Duluth

Quad ID 244D

### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

 Entry Date
 12/13/2001

 Update Date
 02/26/2019

 Received Date
 10/16/2001

Well Name Well Depth **Date Well Completed** Township Range Dir Section Subsection Depth Completed MW-3 50 W 22 DDBCDB 12 ft. 12 ft. 09/24/2001 14 Elevation Drill Method Auger (non-specified) 789 ft. Elev. Method Drill Fluid LiDAR 1m DEM (MNDNR) Address Use monitor well Status Sealed Well Well Hydrofractured? 602 4TH ST E DULUTH MN 55805 Yes No X From To 4997 MILLER TRUNK HY HERMANTOWN MN 55811 Contact Casing Type Single casing **Joint** Drive Shoe? Stratigraphy Information Yes No Above/Below Geological Material From To (ft.) Color Hardness Casing Diameter Weight **Hole Diameter** SANDY CLAY 0 8 **MEDIUM BROWN** 2 in. To 3 ft. lbs./ft. 8 in. To 12 ft. CLAY 8 12 **BROWN** HARD Open Hole To From ft. ft. plastic Make JOHNSON (SCH 40) Screen? Type X Slot/Gauze Set Diameter Length 2 in. 10 9 3 ft. 12 ft. Static Water Level Pumping Level (below land surface) Wellhead Completion Pitless adapter manufacturer Model Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY) Well Grouted? X Yes **Grouting Information** No Not Specified Material Amount From To 0 ft. 3 high solids bentonite Sacks ft. **Nearest Known Source of Contamination** Direction feet Type Well disinfected upon completion? Yes No Pump Date Installed Not Installed Manufacturer's name HP Model Number Volt Length of drop pipe Capacity g.p. Typ Abandoned Yes X No Does property have any not in use and not sealed well(s)? Variance Was a variance granted from the MDH for this well? Yes X No Miscellaneous First Bedrock Aquifer Quat. Water Last Strat Depth to Bedrock ft clay-brown Located by Minnesota Geological Survey Remarks Locate Method Digitization (Screen) - Map (1:12,000) (>15 meters) SEALED 05-19-2008 BY 1767. UTM - NAD83, Zone 15, Meters System X 569094 Y 5182808 Unique Number Verification Input Date Site Plan 03/17/2016 **Angled Drill Hole** Well Contractor Bergerson-Caswell 27058 LENZMEIER, D. Licensee Business Lic. or Reg. No. Name of Driller 669262 Printed on 09/30/2025 Minnesota Well Index Report HE-01205-15

669263

County St. Louis
Quad Duluth

Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date

**Received Date** 

12/13/2001 02/26/2019 10/16/2001

Well Name	Township	Range	Dir Section	Subsection	Well Depth		Depth Completed		Vell Completed	
MW-1 Elevation	50 793 ft. <b>Elev. Met</b>	14	W 22	DDBCBD	12 ft.  Drill Method		12 ft. n-specified)	09/24/2  Drill Fluid	2001	
Address	773 II. Elev. Mei	illou	LiDAR 1m DEM (	MINDINK)	Use monit		n-specified)	Dim ridia	Status	Sealed
Well	602 4TH ST E	ידון ווכן	LI MNI 55005		Well Hydrofra		<b>37</b>	V F		Scarca
Contact				TOWN MN 55811	Casing Type		Yes No	X From Joint	То	
	y Information	From	To (ft.) Col		Drive Shoe?	Yes	No	Above/Below		
CLAY	lateriai	0	` ′	OWN MEDIUM	Casing Diame	eter We	e <b>ight</b> lbs./ft.			
					Open Hole Screen? Diameter 2 in.  Static Water	From  X Slot/Gauze 10	ft. <b>Type</b> plastic  Length  9 ft.	To Make Set 3 ft.	ft. JOHNSON 12 ft.	
						vel (below la	nd surface)			
					Casing  At-grad	r manufacturer Protection le (Environme	ental Wells and Bor	. above grade ings ONLY)	Model	
					Grouting Int Material high solids b		Well Grouted? Amo		No Not S From T 0 ft. 3	pecified o ft.
					fe	eet ected upon cor	f Contamination Direction mpletion?	Yes	☐ No	Type
					Pump  Manufacturer  Model Numb  Length of dro	r's name er	Installed Da  HP ft Capacity	te Installed V g.p.	olt Typ	
					Abandoned Does property	y have any not	in use and not sealed v	vell(s)?	Yes	<b>X</b> No
					Variance Was a variance	ce granted from	the MDH for this wel	11?	Yes	X No
					Miscellaneou First Bedrock Last Strat Located by	clay-brov	vn nesota Geological S	Depth to B	Quat. Water redrock	ft
Remarks SEALED 05-1	9-2008 BY 1767.				Locate Methology System Unique Numb Angled Drill	od Digit UTM - NAI per Verification	ization (Screen) - N D83, Zone 15, Meters	Map (1:12,000) ( X 569	076 Y 518	32825 /17/2016
					Well Contra					
					Bergerson- Licensee E		Lic. (	27058 or Reg. No.	LENZMEI Name of D	
Minneso	ta Well Index	Repor	t	66	9263				Printed of	on 09/30/2025

669264

County St. Louis
Quad Duluth

Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date

**Received Date** 

12/13/2001 02/26/2019 10/16/2001

Well NameTownshipRangeDir SectionSubsectionMW-25014W 22DDBCAC	Well Depth 12 ft.	Depth Completed 12 ft.	<b>Date Wel</b> 09/24/200	l Completed
Elevation 772 ft. Elev. Method LiDAR Im DEM (MNDNR)	Drill Method	Auger (non-specified)	Drill Fluid	
Address	Use monitor	•		Status Sealed
Well 602 4TH ST E DULUTH MN 55805	Well Hydrofract	ured? Yes No	X From	То
Contact 4997 MILLER TRUNK HY HERMANTOWN MN 5	5811 Casing Type	Single casing	Joint	10
Stratigraphy Information	Drive Shoe?	Yes No	Above/Below	
	cdness Casing Diamete	o .		
SAND 0 5 BROWN ME BROWN CLAY 5 12 BROWN HA	DIUM 2 in. To 3	ft. lbs./ft.		
BROWN CLAT 3 12 BROWN HA				
	Open Hole Screen?	From ft. <b>Type</b> plastic	To Make JO	ft. OHNSON
		Slot/Gauze Length	Set	MINSON
	2 in. 1	0 9 ft.	3 ft.	12 ft.
	Static Water L	evel		
	Pumping Leve	l (below land surface)		
	Wellhead Con	ıpletion		
	Pitless adapter m		Mo	del
	Casing Pr	otection 12 ir (Environmental Wells and Bo	n. above grade rings ONLY)	
	Grouting Info		X Yes No	Not Specified
	Material			From To
	high solids ber	ntonite 1	Sacks	0 ft. 3 ft.
	Nearest Know	n Source of Contamination		
	feet Wall disinfact		□ Vac □	Туре
	Pump  Manufacturer's		Yesate Installed	No
	Model Number		Volt	
	Length of drop	pipe ft Capacity	g.p. T	yp
	Abandoned Does property h	ave any not in use and not sealed	well(s)?	Yes X No
	Variance	and mot in use and not sedicu		
		granted from the MDH for this we	ell?	Yes No
	Miscellaneous			
	First Bedrock Last Strat	-1 h	Aquifer ( Depth to Bedr	Quat. Water
	Last Strat  Located by	clay-brown Minnesota Geological S	-	ock ft
Remarks	Locate Method	Digitization (Screen) - I	Map (1:12,000) (>1	5 meters)
SEALED 05-19-2008 BY 1767.	System	UTM - NAD83, Zone 15, Meters	X 56908	8 Y 5182825
	Unique Number  Angled Drill H	5110 1 11111	Inpi	ut Date 03/17/2016
	ingled Dilli I			
	Well Contract	or		
	Bergerson-C		27058	LENZMEIER, D.
	Licensee Bus	siness Lic.	or Reg. No.	Name of Driller
Minnesota Well Index Report	669264			Printed on 09/30/20 HE-01205-

698994

County St. Louis
Quad Duluth
Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

**Entry Date** 

**Update Date** 03/09/2017 **Received Date** 03/18/2004

Well Name Township Range Dir Section Subsection MW-5 50 14 W 22 DDBDBA		<b>Depth Completed</b> 10.5 ft.	Date Well Completed 02/10/2004	
Elevation 764 ft. Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method	Auger (non-specified)	Drill Fluid	
Address	Use monit			Sealed
Well 407 3RD ST E DULUTH MN 55805	Well Hydrofr		X From To	
	Casing Type		Joint	
Stratigraphy Information	Drive Shoe?		Above/Below	
. ,	ardness Casing Diam	eter Weight	Hole Diameter	
SANDY CLAY 0 4 RED/BRN H.	_ m. 10	5.5 ft. 0 lbs./ft.	8 in. To 0	ft.
SANDY CLAY WOOD 4 8 RED/BRN H.				
WET SANDY CLAY 8 11 RED/BRN H.	ARD			
	Open Hole	From ft.	To ft.	
		Type plastic	Make JOHNSON	
	Diameter 2 in.	Slot/Gauze Length 10 5 ft.	Set 5.5 ft. 10.5 ft.	
	Static Water	: Level		
	9 ft.	land surface	Measure 02/10/2004	
	Pumping I a	vel (below land surface)		
	1 umping Le	ver (below failu surface)		
	Wellhead C	omplotion		
	l l	r manufacturer	Model	
			. above grade	
		le (Environmental Wells and Bor		
	Grouting In		X Yes No Not Spec	cified
	Material bentonite	Amo 0.5		£.
	neat cement		Sacks 3.5 ft. 4.5 Sacks ft. 3.5	ft. ft.
		-	Julius III Silo	10.
	Nearest Kno	own Source of Contamination		
		eet Direction	_	Type
		ected upon completion?	Yes X No	
	Pump  Manufacture		ate Installed	
	Model Numb	er HP	Volt	
	Length of dre	pp pipe ft Capacity	g.p. Typ	
	Abandoned			_
		y have any not in use and not sealed v	vell(s)? Yes Yes	K No
	Variance Was a varian	ce granted from the MDH for this we	II? Yes 🗶	No
	Miscellaneo			No
	First Bedrock		Aquifer Quat. Water	
	Last Strat	clay+sand	Depth to Bedrock	ft
Remarks	Located by	Minnesota Geological S	•	
GEOLOGICAL MATERIALS: WET SANDY CLAY WOOD FROM 8 TO 10.3	Locate Metho	Digitization (Screen) - N UTM - NAD83, Zone 15, Meters	Map (1:12,000) (>15 meters)	140
SEALED 05-19-2008 BY 1767.	System	per Verification Site Plan	X 569161 Y 51828 Input Date 03/17	348 7/2016
	Angled Dril	5110 1 1411		/2010
	12agica Din	+ <del></del>		
	Well Contra	nctor		
	Thein Wel		34625 HILBRANDS	S, B.
	Licensee I	Business Lic.	or Reg. No. Name of Drill	er
	(00004			
Minnesota Well Index Report	698994		Printed on (	09/30/2025

704151

County St. Louis
Quad Duluth

Quad ID 244D

### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

**Entry Date** 

**Update Date** 12/05/2019 **Received Date** 12/07/2004

HE-01205-15

Well Name Dir Section Subsection Well Depth **Depth Completed Date Well Completed** Township Range ST. MARY'S W 27 24 ft. 24 ft. 11/09/2004 14 AABADD Drill Method 687 ft. Elev. Method Elevation Non-specified Rotary LiDAR 1m DEM (MNDNR) **Drill Fluid** Address Use Status Active elevator Well Hydrofractured? Well 402 1ST ST E DULUTH MN 55802 X Yes From No To Casing Type Step down **Joint** Welded Yes X Drive Shoe? No Above/Below Stratigraphy Information Geological Material From To (ft.) Color Hardness **Casing Diameter** Weight GRANITE 0 24 **GRAY** V.HARD 16 in. To ft. 62.6 lbs./ft. 20 in. To ft. 52.7 lbs./ft. Open Hole To ft. From ft. Type Make Screen? Static Water Level Pumping Level (below land surface) Wellhead Completion Pitless adapter manufacturer Model Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY) Well Grouted? X Yes **Grouting Information** No Not Specified Material From To Amount ft. 24 18 ft. neat cement Sacks Nearest Known Source of Contamination Direction feet Type Well disinfected upon completion? Yes No Pump Not Installed Date Installed Manufacturer's name HP Model Number Volt Length of drop pipe ft Capacity Тур g.p. Abandoned Does property have any not in use and not sealed well(s)? Yes No Variance Was a variance granted from the MDH for this well? Yes No Miscellaneous First Bedrock upper southwest volc Aquifer Last Strat Depth to Bedrock ft upper southwest volc Located by Minnesota Geological Survey Remarks Locate Method Digitization (Screen) - Map (1:12,000) (>15 meters) BROKEN ROCK FROM 19 TO 21 FT, BACK INTO SOLID. UTM - NAD83, Zone 15, Meters System X 569253 Y 5182485 Unique Number Verification Plat Book Input Date 04/06/2018 Angled Drill Hole Well Contractor United Drilling, Inc. L0008 SCHERER, B. Name of Driller Licensee Business Lic. or Reg. No. 704151 Printed on 09/30/2025 Minnesota Well Index Report

704152

County St. Louis
Quad Duluth

Quad ID 244D

### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

**Entry Date** 

**Update Date** 12/05/2019 **Received Date** 12/07/2004

HE-01205-15

Well Name Dir Section Subsection Well Depth **Depth Completed Date Well Completed** Township Range ST. MARY'S W 27 42 ft. 11/10/2004 14 AABDCB 42 ft. **Drill Method** 684 ft. Elev. Method Elevation **Drill Fluid** LiDAR 1m DEM (MNDNR) Air Rotary Address Use Status Active elevator Well Hydrofractured? Well 402 1ST ST E DULUTH MN 55802 X Yes [ From No To Joint Casing Type Step down Welded Yes X Drive Shoe? No Above/Below Stratigraphy Information Geological Material From To (ft.) Color Hardness **Casing Diameter** Weight GRANITE 0 42 **GRAY** V.HARD 16 in. To ft. 62.6 lbs./ft. 20 in. To ft. 52.7 lbs./ft. Open Hole To ft. From ft. Type Make Screen? Static Water Level Pumping Level (below land surface) Wellhead Completion Pitless adapter manufacturer Model Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY) Well Grouted? X Yes **Grouting Information** No Not Specified To Material From Amount ft. 42 2 ft. neat cement Sacks Nearest Known Source of Contamination Direction feet Type Well disinfected upon completion? Yes No Pump Not Installed Date Installed Manufacturer's name HP Model Number Volt Length of drop pipe ft Capacity Тур g.p. Abandoned Does property have any not in use and not sealed well(s)? Yes No Variance Was a variance granted from the MDH for this well? Yes No Miscellaneous First Bedrock upper southwest volc Aquifer Last Strat Depth to Bedrock upper southwest volc ft Located by Minnesota Geological Survey Remarks Locate Method GPS SA Off (averaged) (15 meters) BROKEN ROCK FROM 19 TO 21 FT, BACK INTO SOLID. UTM - NAD83, Zone 15, Meters System X 569180 Y 5182404 Unique Number Verification Input Date Plat Book 04/06/2018 Angled Drill Hole Well Contractor United Drilling, Inc. L0008 SCHERER, B. Name of Driller Licensee Business Lic. or Reg. No. 704152 Printed on 09/30/2025 Minnesota Well Index Report

704162

County St. Louis
Quad Duluth

Quad ID 244D

### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

**Entry Date** 

**Update Date** 12/05/2019 **Received Date** 04/28/2005

HE-01205-15

Well Name Dir Section Subsection Well Depth **Depth Completed Date Well Completed** Township Range VP 50 W 22 50 ft. 50 ft. 04/22/2005 14 **DCAADA** Drill Method Elevation 821 ft. Elev. Method Non-specified Rotary LiDAR 1m DEM (MNDNR) **Drill Fluid** Address Status Active elevator Well Hydrofractured? Well 602 5TH ST E DULUTH MN 55805 X From Yes No To Casing Type Step down **Joint** Welded Yes X Drive Shoe? No Above/Below Stratigraphy Information Geological Material From To (ft.) Color Hardness **Casing Diameter** Weight SANDY CLAY 0 5 **BROWN** SOFT 16 in. To 50 ft. 62.6 lbs./ft. GRANITE 5 50 **GRAY** HARD 20 in. To ft. 52.7 lbs./ft. 5 Open Hole To ft. From ft. Type Make Screen? Static Water Level Pumping Level (below land surface) Wellhead Completion Pitless adapter manufacturer Model Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY) Well Grouted? X Yes **Grouting Information** No Not Specified Material Amount From To ft. 50 ft. neat cement Cubic yards Nearest Known Source of Contamination Direction feet Type Well disinfected upon completion? Yes No Pump Not Installed Date Installed Manufacturer's name HP Model Number Volt Length of drop pipe ft Capacity Тур g.p. Abandoned Does property have any not in use and not sealed well(s)? Yes No Variance Was a variance granted from the MDH for this well? Yes X No Miscellaneous First Bedrock upper southwest volc Aquifer Last Strat Depth to Bedrock upper southwest volc ft Located by Minnesota Geological Survey Remarks Locate Method GPS SA Off (averaged) (15 meters) DRY HOLE. UTM - NAD83, Zone 15, Meters System X 569012 Y 5182896 Unique Number Verification Address verification Input Date 04/06/2018 Angled Drill Hole Well Contractor GRABER, K. United Drilling, Inc. L0008 Licensee Business Lic. or Reg. No. Name of Driller 704162 Printed on 09/30/2025 Minnesota Well Index Report

739032

County St. Louis
Quad Duluth

Quad ID 244D

### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

**Entry Date** 

**Update Date** 12/05/2019 **Received Date** 04/11/2006

HE-01205-15

Well Name Dir Section Subsection Well Depth **Depth Completed Date Well Completed** Township Range CITY OF 50 W 27 AACBCD 54 ft. 54 ft. 03/23/2006 14 Drill Method 663 ft. Elev. Method Elevation Non-specified Rotary LiDAR 1m DEM (MNDNR) **Drill Fluid** Address Use Status Active elevator Well Hydrofractured? Well 302 1ST ST E DULUTH MN 55805 X Yes No From To Joint Casing Type Single casing Welded Yes X Drive Shoe? No Above/Below Stratigraphy Information Geological Material From To (ft.) Color Hardness **Casing Diameter** Weight Hole Diameter GRANITE 0 54 RED/BLK HARD 18 in. To 54 ft. 70.6 lbs./ft. 24 in. To 54 ft. Open Hole To ft. From ft. Type Make Screen? Static Water Level Pumping Level (below land surface) Wellhead Completion Pitless adapter manufacturer Model Casing Protection 12 in. above grade At-grade (Environmental Wells and Borings ONLY) Well Grouted? X Yes **Grouting Information** No Not Specified Material Amount From To ft. 54 neat cement 3 ft. Cubic yards Nearest Known Source of Contamination Direction feet Type Well disinfected upon completion? Yes No Pump Not Installed Date Installed Manufacturer's name HP Model Number Volt Length of drop pipe ft Capacity Тур g.p. Abandoned Does property have any not in use and not sealed well(s)? Yes No Variance Was a variance granted from the MDH for this well? Yes X No Miscellaneous First Bedrock upper southwest volc Aquifer Last Strat Depth to Bedrock upper southwest volc ft Located by Minnesota Geological Survey Remarks Locate Method GPS SA Off (averaged) (15 meters) NO DRILL CASING. UTM - NAD83, Zone 15, Meters System X 569073 Y 5182268 Unique Number Verification Address verification Input Date 04/06/2018 Angled Drill Hole Well Contractor United Drilling, Inc. L0008 LANGSDORF, A. Lic. or Reg. No. Name of Driller Licensee Business 739032 Printed on 09/30/2025 Minnesota Well Index Report

739033

County St. Louis
Quad Duluth
Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date 08/03/2006

**Update Date** 12/05/2019 **Received Date** 04/11/2006

Well Name Township CITY OF 50	Range Dir Section Subsection 14 W 27 AACBDC	_	Depth Completed Date Well Completed 60 ft. 03/23/2006
Elevation 662 ft. Elev. Me		Drill Method	
Address	EIDTIK TIII DEM (MINDINK)	Use eleva	· · · · · · · · · · · · · · · · · · ·
Well 302 1ST ST E	E DULUTH MN 55805	Well Hydrofi	ractured? Yes No X From To
		Casing Typ	
Stratigraphy Information		Drive Shoe	? Yes X No Above/Below
Geological Material GRANITE		ardness Casing Dian	_
GRANIIE	0 60 RED/BLK H	ARD 18 in. To	60 ft. 70.6 lbs./ft. 24 in. To 60 ft.
		Open Hole	From ft. To ft.
		Screen?	Type Make
		Static Water	r Level
		Pumping L	evel (below land surface)
		Wellhead (	Completion
			er manufacturer Model
			Protection
		Grouting In	
		Material	Amount From To
		neat cemen	t 3.25 Cubic yards ft. 60 ft.
		Nearest Kn	own Source of Contamination
			feet Direction Type
		Pump	ected upon completion? Yes No  Not Installed Date Installed
		Manufacture	
		Model Num	
		Length of de Abandoned	
			ty have any not in use and not sealed well(s)?  Yes No
		Variance	
			nce granted from the MDH for this well? Yes X No
		Miscellaneo First Bedroc	
		Last Strat	upper southwest voic Pepth to Bedrock 0 ft
Remarks		Located by	Minnesota Geological Survey
NO DRILL CASING.		Locate Meth System	od GPS SA Off (averaged) (15 meters) UTM - NAD83, Zone 15, Meters X 569091 Y 5182277
		*	aber Verification Address verification Input Date 04/06/2018
		Angled Dri	ll Hole
		Well Contr	
		United Di Licensee	illing, Inc. L0008 LANGSDORF, A.  Business Lic. or Reg. No. Name of Driller
Minnesete Well Index	z Panort	739033	Printed on 09/30/2025
Minnesota Well Index	A Report		HE-01205-15

758411

County St. Louis
Quad Duluth
Quad ID 244D

## MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date Update Date

**Received Date** 

02/26/2013 02/26/2019 10/17/2008

Well Name		Township	Range	Dir Secti W 22	on Subse		Well Depth 9 ft.	Dep 9 ft.	th Completed	Date V	Vell Completed	i
		Elev. Me					Drill Method	Auger (non-sp	acified)	Drill Fluid	2007	
Elevation	/94 11.	Elev. Me	etnou j	LiDAR Im D	EM (MNDNI	<del>(</del> )			ecified)	Drill Fluid	C4-4	C1 - 4
Address							Use monite				Status	Sealed
Well	60	1 4TH ST	E DULUTI	H MN 5580	5		Well Hydrofra		Yes No	X From	To	
							Casing Type			Joint		
Stratigraph Geological N		nation	From	To (ft.)	Color	Hardness	Drive Shoe?	Yes	No X	Above/Below		
FILL	viateriai		0	10 (11.)	BLACK	SOFT	Casing Diame	_			Hole Diamet	
CLAY			1	2	BROWN	SOFT	2 in. To	4 ft.	lbs./ft.		8.5 in. To	9 ft.
NO DATA			2	3	DROWN	5011						
SAND			3	9	BROWN	SOFT						
							Open Hole	From	ft.	То	ft.	
							Screen?	•	v <b>pe</b> plastic	Make	ECT	
							Diameter 2 in.		Length 5 ft.	Set 4 ft.	9 ft.	
							2	10	<i>5</i> 11.	. 10.	, 10.	
							Static Water	Level				
							6 ft.	land surface		Measure	11/21/2007	7
							Pumping Le	vel (below land s	surface)			
							Wellhead Co	_				
							Pitless adapter		☐ 12·		Model	
								Protection e (Environmental		above grade		
							Grouting Inf		Well Grouted?		No X Not	Specified
							Material		Amo			Го
							bentonite				1 ft. 3	
							Nearest Kno	wn Source of Co	ontamination			
							fe	eet	Direction			Type
							Well disinfe	cted upon compl	etion?	Yes	No	
							Pump	X Not Inst	alled D	ate Installed		
							Manufacturer					
							Model Numb		HP		olt	
							Length of dro	р ріре	ft Capacity	g.p.	Тур	
							Abandoned Does property	have any not in us	e and not sealed	well(s)?	Yes	No No
							Variance	, mare any not in us	and not scared		res	
								ce granted from the	MDH for this we	11?	Yes	<b>X</b> No
							Miscellaneou					
							First Bedrock			Aquifer	Quat. Water	
							Last Strat	sand-brown		Depth to B		ft
Domon!							Located by		ta Geological S			
Remarks SEALED 9-2	6-2008 BY	7 1635.					Locate Metho	Digitizat		Map (1:12,000) (		000
	500 10 1						System Unique Numb	UTM - NAD83, per Verification	Zone 15, Meters			82857
									Site Plan		mput Date ()	3/17/2016
							Angled Drill	11016				
							Well Contra	etor				
							Northeast 7			1635	SECAE	RAS
							Licensee B		Lic.	or Reg. No.	Name of I	
								**		<i>G</i>		-
Minneso	ota We	ell Index	k Report	t		75	58411				Printed	on 09/30/202
			-1									HE-01205-1

## Appendix F

List of MPCA WIMN Sites within the AUAR area

#### MPCA Potentially Contaminated Sites within One-Quarter Mile of the AUAR area

Site ID	Site Name	MPCA Program	Status
Lot D St	ıbarea		
205357	Bayfront Lot D	Brownfields (5)	Active
192538	SLIP 3	Environmental Review	Active
Essentia	a Subarea		<u></u>
215131	Hacienda Del Sol	Brownfields	Inactive
146463	E 1st St Medical Parking Facility	Petroleum Remediation     Underground Tanks	Inactive
16441	Northland Chiropractic Center	Hazardous Waste	Inactive
23329	Lake Superior Cust Photolab Inc	Hazardous Waste	Inactive
109460	Voyageur Motel/lakewalk Inn	Brownfields     Petroleum Remediation     Underground Tanks	Inactive
26385	State Farm Mutual Insurance	Hazardous Waste	Inactive
56856	Northern Access Transportation	Hazardous Waste	Inactive
112895	Grandview Manor	Underground Tanks	Inactive
14444	Harbor Centers Inc	Hazardous Waste	Inactive
23708	A Quality Lube Center	<ul><li>Aboveground Tanks</li><li>Hazardous Waste</li></ul>	Inactive
27688	Dunbar's Auto Body	Hazardous Waste	Inactive
1998	Rainbow Auto Body Inc	Air Quality     Hazardous Waste	Inactive
191217	SMDC Campus Addition	Brownfields     Site Assessment	Inactive
24501	Saint Anns Home & Residence	Hazardous Waste	Inactive
256441	Essentia Health-Duluth	Hazardous Waste	Inactive
109580	Miller Dwan Medical Center	Aboveground Tanks     Underground Tanks	Inactive
213953	Essentia Health Duluth 1st Street Pharmacy	Hazardous Waste	Inactive
27262	Kaarbo's Auto Repair Inc	<ul><li>Aboveground Tanks</li><li>Hazardous Waste</li></ul>	Inactive
23379	Joes Peerless Auto Body	<ul><li> Hazardous Waste</li><li> Underground Tanks</li></ul>	Inactive
23078	Essentia Health Duluth 3rd Street Pharmacy	Hazardous Waste	Inactive
24220	Miller Dwan Medical Center	Hazardous Waste	Inactive
1668	Saint Mary's Medical Center	<ul><li>Air Quality</li><li>Hazardous Waste</li><li>Site Assessment</li><li>Solid Waste</li></ul>	Inactive
231339	Life Link III-Duluth Base	Hazardous Waste	Inactive
256068	Essentia Health Duluth 2nd Street Pharmacy	Hazardous Waste	Inactive
11766	Twice But Nice	Hazardous Waste	Inactive

Site ID	Site Name	MPCA Program	Status
130013	Former American Linen Building	Underground Tanks	Inactive
25057	Downtown Service Skafte Ent	Hazardous Waste	Inactive
28557	Chart & Mohs Dentistry PA	Hazardous Waste	Inactive
23552	Expert Tire - Duluth	Hazardous Waste	Inactive
16411	Polinsky Medical Rehabilitation Center	Hazardous Waste	Inactive
138625	Support Services Building	<ul><li>Aboveground Tanks</li><li>Petroleum Remediation</li><li>Underground Tanks</li></ul>	Inactive
27239	Johnson-Crawford Funeral Home	Hazardous Waste	Inactive
108459	Saint Mary's Medical Center	Aboveground Tanks	Inactive
103482	Saint Mary's Medical Center	Petroleum Remediation     Underground Tanks	Inactive
255572	Essentia Health	Aboveground Tanks	Inactive
26883	Fifield Portrait Design	Hazardous Waste	Inactive
12974	Midtown Auto Service	Hazardous Waste	Inactive
28971	Daugherty Hardware & Appliances	Hazardous Waste	Inactive
195306	Na Auto Electric	Petroleum Remediation	Inactive
250020	Aspirus St. Luke's Behavioral Health Clinic - Duluth	Hazardous Waste	Inactive
185387	Bell Building	Petroleum Remediation	Inactive
28347	Auto Medics	Hazardous Waste	Inactive
112719	Speedway #4896	Petroleum Remediation     Underground Tanks	Inactive
116710	Spur Station #4885	Petroleum Remediation     Underground Tanks	Inactive
139137	Whole Foods Coop	Hazardous Waste	Inactive
151403	Involta Duluth 6th Ave	Aboveground Tanks	Inactive
28346	Brewery Creek Apartments LLLP	<ul> <li>Aboveground Tanks</li> <li>Brownfields</li> <li>Hazardous Waste</li> <li>Petroleum Remediation</li> <li>Solid Waste</li> <li>Underground Tanks</li> </ul>	Inactive
25670	Holiday Stationstore 089	Hazardous Waste	Inactive
113616	Holiday Stationstore #89	<ul><li>Petroleum Remediation</li><li>Underground Tanks</li></ul>	Inactive
252811	Portland Land Co LLC	Solid Waste	Inactive
1st Stre	et Subarea		
262165	Mesaba Ave Bridge/Filling Station	Petroleum Remediation	Active
27709	Lenox Place	Brownfields (2) • Hazardous Waste	Inactive
27338	Gateway Tower	Brownfields (2)     Hazardous Waste	Inactive
29931	The Depot	Hazardous Waste	Inactive
	•	•	

Site ID	Site Name	MPCA Program	Status
36708	Northshore Scenic Railroad	Hazardous Waste	Inactive
48746	Duluth Art Institute	Hazardous Waste	Active
36709	Saint Louis County Heritage & Arts Center	Hazardous Waste     Wastewater	Inactive
126787	Radisson Hotel	Aboveground Tanks     Petroleum Remediation     Underground Tanks	Active
23087	Duluth Fire Department	Aboveground Tanks     Hazardous Waste     Petroleum Remediation     Underground Tanks	Active
24350	Wahl & Wahl Inc	Hazardous Waste	Inactive
15229	Otis Elevator	Hazardous Waste	Inactive
24173	USDA NRCS	Hazardous Waste	Active
130106	Atlas Abatement & Contracting LLC - Duluth	Hazardous Waste	Active
138143	Gerald W Heaney Federal Building	Hazardous Waste	Active
29460	425 Development	Hazardous Waste	Active
213324	Lake Superior Consulting - Landsmenn Building	Hazardous Waste	Active
24968	Lutheran Social Service	Hazardous Waste	Inactive
146341	Maurices Headquarters	Brownfields	Active
48153	ISD 709 DNT Building	Hazardous Waste     Industrial Stormwater     Site Assessment	Active
41391	Saint Louis County Safety & Risk	Hazardous Waste	Inactive
192083	Medical Arts Annex	Petroleum Remediation	Active
214476	Genoa Healthcare	Hazardous Waste	Active
27119	Stewart Taylor Company	Hazardous Waste	Inactive
27365	Midwest Podiatry Centers - Duluth	Hazardous Waste	Active
36878	Aspirus St. Luke's Eye Care - Duluth	Hazardous Waste	Inactive
15189	Bluestone OMS	Hazardous Waste	Active
112404	Medical Arts Garage	Aboveground Tanks     Petroleum Remediation     Underground Tanks	Active
48154	Ray Bob & Associates Inc	Hazardous Waste	Inactive
130015	Duluth Budgeteer	Industrial Stormwater	Active
30253	Michael Bussa DDS	Hazardous Waste	Active
127531	Downtown Dental Care of Duluth	Hazardous Waste	Active
14420	PS Rudie Medical Clinic - Suite 302	Hazardous Waste	Inactive
26984	Robert D Le Vasseur DDS	Hazardous Waste	Inactive
34050	Steven D Johnson DDS	Hazardous Waste	Active
23092	The Dental Specialists Duluth	Hazardous Waste	Active
15790	William J Schuldt DDS PA	Hazardous Waste	Active
36877	Wolf Frank MD	Hazardous Waste	Inactive

Site ID	Site Name	MPCA Program	Status
63890	Duluth News Tribune	<ul><li>Industrial Stormwater</li><li>Petroleum Remediation</li><li>Underground Tanks</li></ul>	Active
15797	Secretarial Services	Hazardous Waste	Inactive
23071	Duluth Camera Exchange 1	Hazardous Waste	Inactive
23070	Duluth Camera Exchange	Hazardous Waste	Inactive
92737	Duluth City of	Hazardous Waste	Active
90804	Duluth city of	MS4     Wastewater	Active
11923	Oneida Realty Co	Hazardous Waste	Active
77278	Sandelin Rodney E DDS	Hazardous Waste	Inactive
36876	Sarvela Leonard A DDS	Hazardous Waste	Inactive
14527	First Properties	Hazardous Waste	Inactive
227684	Oneida Realty	Hazardous Waste	Active
25112	Madison Nelson Family Dental	Hazardous Waste	Active
84132	Douglas M Erickson DDS MS Inc	Hazardous Waste	Active
120009	Saint Luke's Medical Arts Clinic	Hazardous Waste	Active
15799	Security Jewelers	Hazardous Waste	Active
26929	Patterson Family Dental	Hazardous Waste	Active
26798	Young Allen A DDS	Hazardous Waste	Inactive
16430	Northern Oral & Maxillofacial Surgeons	Hazardous Waste	Inactive
23641	Eugene T Altiere DDS MS	Hazardous Waste	Active
26982	Layon Roger E DDS	Hazardous Waste	Inactive
27242	Johnson William O DDS	Hazardous Waste	Inactive
26081	J Marco Hearing Service	Hazardous Waste	Inactive
12093	Medical Arts Orthodontic Lab	Hazardous Waste	Inactive
13489	Northern Prosthodontics	Hazardous Waste	Inactive
15699	Northern Endodontics Associates Ltd	Hazardous Waste	Inactive
26973	Park Dental Downtown Duluth	Hazardous Waste	Active
27339	Wayne C Gatlin DDS	Hazardous Waste	Active
195971	City Hall And Police Garage	Petroleum Remediation	Active
15920	Jewelers Bench	Hazardous Waste	Active
1411	Qwest Corp dba CenturyLink QC - Duluth	<ul><li>Aboveground Tanks</li><li>Air Quality</li><li>Hazardous Waste</li></ul>	Active
193953	DTA Multimodal Transportation Center	Brownfields (2)	Active
25324	Toys For Keeps	Hazardous Waste	Inactive
115683	At&t Building	Underground Tanks	Active
11750	Shoreline Dental Associates Downtown	Hazardous Waste	Inactive
12598	Reporters Diversified Service	Hazardous Waste	Inactive
24355	Third Avenue Dental Clinic	Hazardous Waste	Inactive

Site ID	Site Name	MPCA Program	Status
263989	The Herald Building	Brownfields (2)	Active
27331	Garrett Hr	Hazardous Waste	Inactive
136434	Saint Louis County Public Health	Hazardous Waste	Active
50279	Lake Superior Painting	Hazardous Waste	Inactive
28062	Telespectrum Communications	Hazardous Waste	Inactive
126881	Nalco Co - Duluth	Hazardous Waste	Inactive
137356	Innovative Living Inc	Hazardous Waste	Active
141335	Duluth Area Family YMCA	Hazardous Waste	Active
23372	Jiran D H Design Inc	Hazardous Waste	Inactive
28985	Decora Painting & Wallcovering	Hazardous Waste	Inactive
14421	Psycholgist	Hazardous Waste	Inactive
41360	MSA Professional Services	Hazardous Waste	Inactive
22949	Hawley Music Inc	Brownfields     Hazardous Waste	Inactive
121266	Duluth Budgeteer News	Hazardous Waste	Inactive
236319	Duluth Board of Trade Lofts	Hazardous Waste	Active
31092	D T A Transit Center	Hazardous Waste	Inactive
16130	Former Peter Pan Cleaners	<ul><li>Brownfields</li><li>Emergency Response</li><li>Hazardous Waste</li><li>Site Assessment</li></ul>	Active
104687	Ace Hardware Downtown	Hazardous Waste	Active
38999	Arrowhead Printing	Hazardous Waste	Inactive
26387	State Labor & Industry Dept	Hazardous Waste	Inactive
43753	Oneida Realty Co - Duluth	<ul><li>Aboveground Tanks</li><li>Hazardous Waste</li><li>Underground Tanks</li></ul>	Active
41035	St. Louis County GSC	Hazardous Waste	Inactive
196201	NorShor Theatre	Brownfields     Hazardous Waste	Active
222711	Board of Trade Building	Brownfields	Active
217457	Saint Louis County GSC	Hazardous Waste	Active
26574	Advantage Hearing Center	Hazardous Waste	Inactive
25872	Whitefish Mfg Co	Hazardous Waste	Inactive
122248	Twi Port Mailing	Hazardous Waste	Inactive
2298	Great Lakes Gas Transmission LP	Wastewater	Active
27240	Johnson Supply Co	Hazardous Waste	Active
148087	Saint Louis County Public Works Garage	Aboveground Tanks	Active
27712	Leones Tailors Cleaners Shop	Brownfields     Hazardous Waste	Inactive
28079	Skywalk Chiropractic	Hazardous Waste	Inactive
15028	Sawmill Unpainted Furniture	Hazardous Waste	Inactive

Site ID	Site Name	MPCA Program	Status
112830	Us Bank	Underground Tanks	Inactive
27118	Stewart Taylor Co	Hazardous Waste	Active
23377	JNT Printery Co Inc	Hazardous Waste	Inactive
217678	Duluth Board of Trade Building Parking Lot	Brownfields	Active
131776	Sheldon Group Inc Pressroom	Hazardous Waste	Active
22932	Duluth Auto Repair & Quick Lube	<ul><li>Aboveground Tanks</li><li>Hazardous Waste</li><li>Petroleum Remediation</li><li>Underground Tanks</li></ul>	Inactive
28086	US Bank - Duluth	Hazardous Waste	Active
195708	Parking Lot	Petroleum Remediation	Active
116075	Como Quick Lube - City Center	Underground Tanks	Inactive
126181	Cooper Enterprises	Hazardous Waste	Inactive
194992	Superior Street Reconstruction Corridor	Brownfields (2)	Inactive
13497	Planned Parenthood - Duluth	Hazardous Waste	Inactive
30167	Etcetera Studio & Gallery	Hazardous Waste	Inactive
22985	Gopher Shoe Repair Co Inc	Hazardous Waste	Inactive
15936	Wilson Environmental Laboratories Inc	Hazardous Waste	Inactive
22619	Arrowhead Security Systems Inc	Hazardous Waste	Inactive
27932	Courage Center	Hazardous Waste	Inactive
14275	Printing Express The	Hazardous Waste	Inactive
136470	American Indian Community Housing Organization	Hazardous Waste     Petroleum Remediation     Underground Tanks	Inactive
16106	Paper Hog Inc	Hazardous Waste	Active
86818	New Garrick Building	Hazardous Waste	Active
138141	Advanstar	Hazardous Waste	Active
262206	Children's Dental Services	Hazardous Waste	Active
15935	Insty Prints Litho Printing	Hazardous Waste	Inactive
26967	Us Dea	Hazardous Waste	Inactive
42462	Earth Burners Inc	Hazardous Waste	Inactive
15918	Jersey City	Hazardous Waste	Inactive
2419	Minnesota Power Inc- General Office	<ul><li> Hazardous Waste</li><li> Site Assessment</li><li> Wastewater</li></ul>	Active
256891	Human Development Center	Petroleum Remediation     Site Assessment	Active
220769	PETSMART 2735	Hazardous Waste	Active
136443	Aspirus St. Luke's Clinic - Duluth - 26 E Superior St	Hazardous Waste	Active
30166	Eslabon Designer Jewelry	Hazardous Waste	Inactive
106090	Women In Construction Co LLC	Hazardous Waste     Petroleum Remediation     Site Assessment	Inactive

Site ID	Site Name	MPCA Program	Status
29950	Commercial Electric Company	Hazardous Waste	Inactive
190601	Lakehead Pipe Line Company	Petroleum Remediation	Active
26068	Southwest Windpower	Hazardous Waste	Inactive
26029	Masters Piano Shop The	Hazardous Waste	Inactive
25652	Carters Spring	Hazardous Waste	Inactive
14524	Music Center	Hazardous Waste	Inactive
27097	Johns Used Furniture	Hazardous Waste	Inactive
133844	EMR Inc	Hazardous Waste	Active
215167	Lewis Lake Avenue Building	Brownfields	Active
27961	Carlton & Co	Hazardous Waste	Inactive
206926	The Scottish Rite Foundation	Petroleum Remediation	Active
150005	Former Service Station	Underground Tanks	Active
156532	Scottish Rite Clinic	Hazardous Waste	Active
220319	Enbridge Energy Line 3 Replacement Project	<ul><li>Integrated Remediation</li><li>Wastewater</li></ul>	Inactive
128234	Jes Durfee Glass Art	Hazardous Waste	Active
236478	Enbridge Energy LP - Former Brunos Truck Stop	Wastewater	Active
27183	Fuhr Printing Co Inc	Hazardous Waste	Inactive
27954	Carlson & Kirwan Inc	Hazardous Waste	Inactive
39377	Duluth Soft Center	Hazardous Waste	Inactive
		Underground Tanks	
59305	WE Health Clinic	Hazardous Waste	Active
235179	Cove Apartments	Hazardous Waste	Active
253737	North Creek Investors II LLC	Solid Waste	Active
27138	Superior Computer Prod Inc	Hazardous Waste	Inactive
232599	Proposed 1st Aveue Lofts	Brownfields	Active
15697	Northern Electric Supply C	Hazardous Waste	Inactive
196011	Duluth Technology Village - City Block	Petroleum Remediation	Active
215451	Former Muffler Clinic	Brownfields     Petroleum Remediation	Active
116012	Teachers Credit Union	<ul><li>Petroleum Remediation</li><li>Underground Tanks</li></ul>	Inactive
26558	Johnson's Auto Repair of Duluth	Hazardous Waste	Inactive
26393	Den's AutoBody	Hazardous Waste	Active
39981	Automotive Maintenance & Repair	Hazardous Waste	Inactive
28366	Balcum Appliance Inc	Hazardous Waste	Inactive
22931	Duluth Auto Body	Hazardous Waste	Inactive
24198	Viking Micrographics	Hazardous Waste	Inactive
23341	Tv Spotlight Inc	Hazardous Waste	Inactive
25868	Whirlwind Power Co	Hazardous Waste	Inactive
228788	Former Carter Hotel	Underground Tanks	Active

Site ID	Site Name	MPCA Program	Status
22626	Winslow's Inc	Hazardous Waste	Inactive
222216	Temple Opera Block	Brownfields	Active
232507	Zeitgiest Building - Superior St Utlty Reconstruction Proj	Underground Tanks	Active
197506	Former Ncr	Brownfields     Site Assessment	Active
2509	Gene's Auto Body	Air Quality     Hazardous Waste	Active
23711	A1 Auto Body	Hazardous Waste	Inactive
1318	202 E 1st LLC	Air Quality     Hazardous Waste	Active
64827	SMDC	Hazardous Waste	Inactive
29292	Clean As New Auto Cleaning	Hazardous Waste	Inactive
24721	Greysolon Plaza Property	Brownfields (2)     Hazardous Waste     Petroleum Remediation     Underground Tanks	Active
16117	Paul Bunyan Press	Hazardous Waste	Inactive
24529	Arrowhead Hearing Aid Cente	Hazardous Waste	Inactive
186951	Sheraton Hotel/Condominiums	Brownfields	Active
193848	Greysolon Plaza Parking Lot	Brownfields     Site Assessment	Active
26455	HealthEast Transportation	Aboveground Tanks     Hazardous Waste	Active
26400	Housing & Redevelopment Authority Duluth	Hazardous Waste	Active
112193	King Manor	Underground Tanks	Inactive
Seconda	ary Subarea	•	,
194260	Duluth Gas Mfg Site	CERCLIS Site	Active
196404	JAS Duluth LLC Property	Petroleum Remediation     Underground Tanks	Active
193704	Apartment Complex	Petroleum Remediation	Active
127456	Sir Benedicts Tavern On The Lake	Underground Tanks	Inactive
114321	Formerly Service Station	Underground Tanks	Inactive
34697	Wick Marvin G Dental Office	Hazardous Waste	Inactive
108514	Pat Schelhom Property-apt Comp	Underground Tanks	Inactive
195630	Shehon Property	Petroleum Remediation	Active
24518	C & H Automotive Service	Hazardous Waste	Inactive
108525	Louis Pichetti Est (henlock Gar)	Petroleum Remediation     Site Assessment     Underground Tanks	Inactive
27341	General Cleaning Specialists	Hazardous Waste	Inactive
27651	Fochs & Associates Inc Adve	Hazardous Waste	Inactive
201505	Northland Medical Center South Lmtd	Petroleum Remediation	Active
252046	Saint Lukes Hospital of Duluth	Solid Waste	Active

Profession Affairs Of Duluth Inc   Hazardous Waste   Inactive	Site ID	Site Name	MPCA Program	Status
24728 Guardian Pest Solutions Inc 30159 Pavilion Surgery Center LLC 4 Hazardous Waste Active 12976 Midwest Engine Rebuilders 26797 Yorkleigh Apartments 4 Brownfields 4 Hazardous Waste Active 112188 Gaidas Amoco Gas Station 5 Hazardous Waste Inactive 112188 Gaidas Amoco Gas Station 6 Underground Tanks Inactive 112188 Gaidas Amoco Gas Station 7 Underground Tanks Inactive 112188 Gaidas Amoco Gas Station 8 Hazardous Waste Inactive 123085 Duluth Family Practice Center Hazardous Waste Inactive 124503 Saint Germain Co 1 Hazardous Waste Inactive 1 Hazardous Waste Petroleum Remediation 1 Underground Tanks 1 Hazardous Waste Petroleum Remediation 1 Hazardous Waste Hazardous Waste Inactive 1 Hazardous Waste Hazardous Waste Inactive 1 Hazardous Waste Inac	24483	Sorcerer Lures	Hazardous Waste	Inactive
Pavilion Surgery Center LLC	27657	Foreign Affairs Of Duluth Inc	Hazardous Waste	Inactive
12976   Midwest Engine Rebuilders   Hazardous Waste   Active	24728	Guardian Pest Solutions Inc	Hazardous Waste	Active
Porkleigh Apartments   Brownfields   Hazardous Waste   Hazardous	30159	Pavilion Surgery Center LLC	Hazardous Waste	Active
Hazardous Waste   Hazardous Waste   Hazardous Waste   Hazardous Waste   Hazardous Waste   Inactive   Hazardous Waste   Inactive   Ha	12976	Midwest Engine Rebuilders	Hazardous Waste	Active
Haighs Electric Service   Hazardous Waste   Inactive	26797	Yorkleigh Apartments		Inactive
47261       Waynes Radiator       • Hazardous Waste       Inactive         23085       Duluth Family Practice Center       • Hazardous Waste       Active         24503       Saint Germain Co       • Hazardous Waste       Inactive         47262       Litmans Garage       • Brownfields • Hazardous Waste • Petroleum Remediation       Inactive         194636       Pavillion 2       • Petroleum Remediation       Active         195695       Saint Lukes Hospital Parking Lot       • Petroleum Remediation       Active         14860       Aspirus St. Lukes Hospital       • Aboveground Tanks • Brownfields • Hazardous Waste       Active         12100       Somers James M DDS MS PA       • Hazardous Waste       Inactive         16443       Northland Ear Nose & Throat       • Hazardous Waste       Inactive         1924       Oral & Maxillofacial Surgical       • Hazardous Waste       Inactive         27684       Duluth Urology Group Ltd       • Hazardous Waste       Inactive         13348       Saint Luke's Obstetrics & Gynecology Associates       • Hazardous Waste       Inactive         16431       Northern Photo       • Hazardous Waste       Inactive         139590       Orthopedic Associates       • Hazardous Waste       Inactive         14946       Oral	112188	Gaidas Amoco Gas Station	Underground Tanks	Inactive
Duluth Family Practice Center  24503 Saint Germain Co  47262 Litmans Garage  Litmans Garage  Petroleum Remediation -Underground Tanks  Petroleum Remediation -Active  -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation -Active -Petroleum Remediation	38439	Haighs Electric Service	Hazardous Waste	Inactive
24503 Saint Germain Co 47262 Litmans Garage 47262 Petroleum Remediation 47262 Litmans Garage 47262 Petroleum Remediation 47262 Petroleu	47261	Waynes Radiator	Hazardous Waste	Inactive
Litmans Garage  - Brownfields - Hazardous Waste - Petroleum Remediation - Underground Tanks  - Petroleum Remediation - Underground Tanks  - Petroleum Remediation - Underground Tanks  - Petroleum Remediation - Active  - Petroleum Remediation - Active - Petroleum Remediation - Petroleum Remediation - Active - Petroleum Remediation - Petroleum Remediation - Petroleum Remediation - Active - Petroleum Remediation - Petroleum Remediation - Petroleum Remediation - Petroleum Remediation - Active - Petroleum Remediation - Petroleum Re	23085	Duluth Family Practice Center	Hazardous Waste	Active
+ Hazardous Waste - Petroleum Remediation - Underground Tanks  194636 Pavillion 2 - Petroleum Remediation - Underground Tanks - Petroleum Remediation - Active - Petroleum Remediation - Petroleum Rem	24503	Saint Germain Co	Hazardous Waste	Inactive
195695 Saint Lukes Hospital Parking Lot  14860 Aspirus St. Lukes Hospital  Aspirus St. Lukes Hospital  Aspirus St. Lukes Hospital  Active  Brownfields  Hazardous Waste  Underground Tanks  Hazardous Waste  Hazardous Waste  Inactive  16443 Northland Ear Nose & Throat  Hazardous Waste  Inactive  1924 Oral & Maxillofacial Surgical  Hazardous Waste  Inactive  13348 Saint Luke's Obstetrics & Gynecology Associates  Saint Lukes Center for Diagnostic Imaging  Hazardous Waste  Inactive  16431 Northern Photo  Hazardous Waste  Inactive  Hazardous Waste  Active  16446 Oral & Maxillofacial Surgical Associates  Hazardous Waste  Hazardous Waste  Active  191429 Saint Lukes Hospital  Petroleum Remediation  Active  134035 Jefferson Square  Underground Tanks  Inactive  Hazardous Waste  Hazar	47262	Litmans Garage	Hazardous Waste     Petroleum Remediation	Inactive
Aspirus St. Lukes Hospital  Aspirus St. Lukes Hospital  Active  Brownfields  Hazardous Waste  Underground Tanks  Hazardous Waste  Inactive  Hazardous Waste  Hazardous Waste  Hazardous Waste  Inactive  Hazardous Waste  Hazardous Waste  Inactive  Hazardous Waste	194636	Pavillion 2	Petroleum Remediation	Active
**Brownfields** Hazardous Waste **Underground Tanks**  12100 Somers James M DDS MS PA **Hazardous Waste **Inactive**  16443 Northland Ear Nose & Throat **Hazardous Waste **Active**  11924 Oral & Maxillofacial Surgical **Hazardous Waste **Inactive**  27684 Duluth Urology Group Ltd **Hazardous Waste **Inactive**  13348 Saint Luke's Obstetrics & Gynecology Associates **Hazardous Waste **Inactive**  125021 Saint Lukes Center for Diagnostic Imaging **Hazardous Waste **Inactive**  16431 Northern Photo **Hazardous Waste **Inactive**  139590 Orthopedic Associates **Hazardous Waste **Underground Tanks**  139590 Orthopedic Associates **Hazardous Waste **Active**  16446 Oral & Maxillofacial Surgical Associates **Hazardous Waste **Active**  191429 Saint Lukes Hospital **Petroleum Remediation **Active**  134035 Jefferson Square **Underground Tanks **Inactive**  41034 Duluth Detoxifcation Center **Petroleum Remediation **Inactive**  109975 Duluth Family Practice Center **Petroleum Remediation **Inactive**  1214703 First Lutheran Church **Petroleum Remediation **Active**  121403 First Lutheran Church **Petroleum Remediation **Active**  122603 First Lutheran Church **Petroleum Remediation **Active**  122703 First Lutheran Church **Petroleum Remediation **Active**  122804 First Lutheran Church **Petroleum Remediation **Active**  124703 First Lutheran Church **Petroleum Remediation **Active**  124703 First Lutheran Church **Petroleum Remediation **Active**  125021 First Lutheran Church **Petroleum Remediation **Active**  126022 First Lutheran Church **Petroleum Remediation **Active**  12703 First Lutheran Church **Petroleum Remediation **Active**  12703 First Lutheran Church **Petroleum Remediation **Active**	195695	Saint Lukes Hospital Parking Lot	Petroleum Remediation	Active
Northland Ear Nose & Throat  1924 Oral & Maxillofacial Surgical  27684 Duluth Urology Group Ltd  13348 Saint Luke's Obstetrics & Gynecology Associates  125021 Saint Lukes Center for Diagnostic Imaging  16431 Northern Photo  139590 Orthopedic Associates  14azardous Waste  15d446 Oral & Maxillofacial Surgical Associates  16d446 Ora	14860	Aspirus St. Lukes Hospital	Brownfields     Hazardous Waste	Active
11924 Oral & Maxillofacial Surgical	12100	Somers James M DDS MS PA	Hazardous Waste	Inactive
Duluth Urology Group Ltd  Saint Luke's Obstetrics & Gynecology Associates  Hazardous Waste  Inactive  Hazardous Waste  Underground Tanks  Hazardous Waste  Hazardous Waste  Hazardous Waste  Hazardous Waste  Hazardous Waste  Hazardous Waste  Active  Hazardous Waste  Hazardous Waste  Active  Hazardous Waste  Active  Hazardous Waste  Active  Hazardous Waste  Active  Hazardous Waste  Hazardous Waste  Active  Hazardous Waste	16443	Northland Ear Nose & Throat	Hazardous Waste	Active
13348 Saint Luke's Obstetrics & Gynecology Associates  125021 Saint Lukes Center for Diagnostic Imaging  16431 Northern Photo  139590 Orthopedic Associates  16446 Oral & Maxillofacial Surgical Associates  16447 Northland Pharmacy  16448 Saint Lukes Hospital  16449 Saint Lukes Hospital  16440 Petroleum Remediation  16440 Petroleum Rem	11924	Oral & Maxillofacial Surgical	Hazardous Waste	Inactive
125021 Saint Lukes Center for Diagnostic Imaging  • Hazardous Waste • Underground Tanks  139590 Orthopedic Associates  • Hazardous Waste • Underground Tanks  • Hazardous Waste • Underground Tanks  • Hazardous Waste • Active  16446 Oral & Maxillofacial Surgical Associates  • Hazardous Waste • Hazardous Waste  • Active  125637 Northland Pharmacy • Hazardous Waste  • Petroleum Remediation • Petroleum Remediation  • Hazardous Waste  • Petroleum Remediation • Hazardous Waste  • Underground Tanks • Hazardous Waste  • Underground Tanks • Hazardous Waste  • Hazardous Waste • Underground Tanks • Petroleum Remediation • Active	27684	Duluth Urology Group Ltd	Hazardous Waste	Inactive
16431 Northern Photo  • Hazardous Waste • Underground Tanks  139590 Orthopedic Associates  • Hazardous Waste • Hazardous Waste  • Hazardous Waste • Hazardous Waste  • Hazardous Waste  • Active  225637 Northland Pharmacy • Hazardous Waste  • Hazardous Waste  • Active  191429 Saint Lukes Hospital • Petroleum Remediation  • Hazardous Waste  • Underground Tanks • Underground Tanks • Hazardous Waste  • Underground Tanks • Hazardous Waste  • Underground Tanks • Hazardous Waste  • Hazardous Waste	13348	Saint Luke's Obstetrics & Gynecology Associates	Hazardous Waste	Inactive
<ul> <li>Underground Tanks</li> <li>139590 Orthopedic Associates</li> <li>Hazardous Waste Active</li> <li>16446 Oral &amp; Maxillofacial Surgical Associates</li> <li>Hazardous Waste Active</li> <li>191429 Saint Lukes Hospital</li> <li>Petroleum Remediation Active</li> <li>134035 Jefferson Square</li> <li>Underground Tanks Inactive</li> <li>109975 Duluth Detoxifcation Center</li> <li>Hazardous Waste Inactive</li> <li>Petroleum Remediation Inactive</li> <li>Petroleum Remediation Inactive</li> <li>Petroleum Remediation Active</li> </ul>	125021	Saint Lukes Center for Diagnostic Imaging	Hazardous Waste	Inactive
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41034 Duluth Detoxifcation Center	191429	Saint Lukes Hospital	Petroleum Remediation	Active
109975 Duluth Family Practice Center • Petroleum Remediation Inactive 214703 First Lutheran Church • Petroleum Remediation Active	134035	•	Underground Tanks	Inactive
214703 First Lutheran Church • Petroleum Remediation Active	41034	Duluth Detoxifcation Center	Hazardous Waste	Inactive
	109975	Duluth Family Practice Center	Petroleum Remediation	Inactive
253861 Genoa Healthcare • Hazardous Waste Active	214703	First Lutheran Church	Petroleum Remediation	Active
	253861	Genoa Healthcare	Hazardous Waste	Active

Site ID	Site Name	MPCA Program	Status
28988	Dee Independent Cleaners	<ul><li>Brownfields</li><li>Hazardous Waste</li><li>Petroleum Remediation</li><li>Site Assessment</li><li>Underground Tanks</li></ul>	Active
13511	Plaza Dental Center	Hazardous Waste	Inactive
28092	Basgen Photography Inc	Hazardous Waste	Inactive
26456	Hearing Associates	Hazardous Waste	Inactive
130083	Walgreen's Store 13877	Hazardous Waste	Active
133110	Saint Lukes Hospital Apartments	Hazardous Waste	Active
193024	Heikkila Property	Petroleum Remediation	Active
23561	Family Chiropractic	Hazardous Waste	Inactive
113851	Plaza Shopping Center	Underground Tanks	Inactive
29937	Cm Business Equipment	Hazardous Waste	Inactive
27134	Sunset Antiques	Hazardous Waste	Inactive
143913	O'Reilly Auto Parts - 1543	Hazardous Waste	Active
42459	Duluth Public Works Dept Central Tool	Hazardous Waste	Inactive
105532	City Of Duluth-street Maintenance-dist 3	Aboveground Tanks     Petroleum Remediation     Underground Tanks	Active
190579	Proposed CVS Pharmacy Store 6691	Brownfields (2)     Petroleum Remediation	Active
111124	Former SuperAmerica 4895	Hazardous Waste     Petroleum Remediation     Underground Tanks	Active
250996	Alaskef Coffee Building	Hazardous Waste	Active
148125	Former Car Dealership	Underground Tanks	Inactive
49089	Center for Alcohol & Drug Treatment	Aboveground Tanks     Hazardous Waste     Petroleum Remediation     Underground Tanks	Inactive

# Appendix G

USFWS IPaC Unofficial Species List and DNR NHIS Review Letter



## Formal Natural Heritage Review - Cover Page

See next page for results of review. A draft watermark means the project details have not been finalized and the results are not official.

Project Name: Downtown Duluth AUAR

Project Proposer: City of Duluth

Project Type: Development, Mixed Use

**Project Type Activities:** Lakeshore; Wetland impacts (e.g., dewatering, tiling, drainage, discharge, excavation, fill, runoff, sedimentation, changes in hydrology); Waterbody or watercourse impacts (e.g.,

dewatering, discharge, excavation, fill, runoff, sedimentation, changes in hydrology));Tree

Removal; Structure Removal or Bridge Removal; Grading

TRS: T50 R14 S22, T50 R14 S23, T50 R14 S27, T50 R14 S34

County(s): St. Louis

**DNR Admin Region(s):** Northeast

Reason Requested: Other

**Project Description:** The City of Duluth is preparing an AUAR for an approximately 335-acre area encompassing the traditional downtown, Essentia Health Medical Campus and surrounding ...

**Existing Land Uses:** Land use within the AUAR area includes a mix of residential, commercial, institutional, and limited industrial activities. Some sections of the AUAR area ...

**Landcover / Habitat Impacted:** The AUAR area is consists of a developed, urban environment predominately comprised of impervious surfaces, with limited wooded and wetland areas. Approximately ...

**Waterbodies Affected:** Lot D includes the Lake Superior shoreline. As part of the planned redevelopment of the project, it is anticipated that improvements would be made to the ...

**Groundwater Resources Affected:** Future development within the AUAR area may require temporary dewatering during construction, which would need to be confirmed at the time a project is proposed.

Previous Natural Heritage Review: No

Previous Habitat Assessments / Surveys: No

#### **SUMMARY OF AUTOMATED RESULTS**

Category	Results	Response By Category
Project Details	Comments	Lakeshore - Recommendations Tree Removal - Recommendations
Ecologically Significant Area	Comments	MBS Sites - Recommendations Potential Local Conservation Value Lakes - Recommendations
State-Listed Endangered or Threatened Species	Needs Further Review	State-protected Species - Needs Further Review

Downtown Duluth AUAR MCE #: 2025-00850 Page 2 of 5

Category	Results	Response By Category
State-Listed Species of Special Concern	Comments	Recommendations
Federally Listed Species	No Records	Visit IPaC For Federal Review



October 15, 2025

**Project Name:** Downtown Duluth AUAR

Project Proposer: City of Duluth

Project Type: Development, Mixed Use

Project ID: MCE #2025-00850

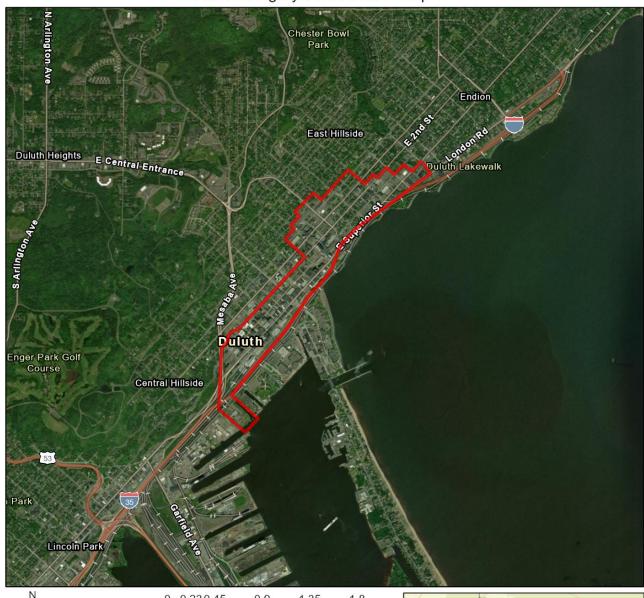
#### **AUTOMATED RESULTS: FURTHER REVIEW IS NEEDED**

As requested, the above project has undergone an automated review for potential impacts to rare features. Based on this review, one or more rare features may be impacted by the proposed project and further review by the Natural Heritage Review Team is needed. You will receive a separate notification email when the review process is complete and the Natural Heritage Review letter has been posted.

Please refer to the table on the cover page of this report for a summary of potential impacts to rare features. For additional information or planning purposes, use the Explore Page in Minnesota Conservation Explorer to view the potentially impacted rare features or to create a Conservation Planning Report for the proposed project.

If you have additional information to help resolve the potential impacts listed in the summary results, please attach related project documentation in the Edit Details tab of the Project page. Relevant information includes, but is not limited to, additional project details, completed habitat assessments, or survey results. This additional information will be considered during the project review.

# Downtown Duluth AUAR Aerial Imagery With Locator Map





Project Type: Development, Mixed Use

Project Size (acres): 334.05

County(s): St. Louis

TRS: T50 R14 S22, T50 R14 S23, T50 R14 S27, T50 R14 S34

Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, USFWS St. Louis County (MN), MN Dept Natural Resources, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA,



# Downtown Duluth AUAR USA Topo Basemap With Locator Map



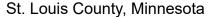
#### **IPaC**

# IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

## Location





## Local office

Minnesota-Wisconsin Ecological Services Field Office

**4** (952) 858-0793

3815 American Blvd East Bloomington, MN 55425-1659

# Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

- 1. Draw the project location and click CONTINUE.
- 2. Click DEFINE PROJECT.
- 3. Log in (if directed to do so).
- 4. Provide a name and description for your project.
- 5. Click REQUEST SPECIES LIST.

Listed species<sup>1</sup> and their critical habitats are managed by the <u>Ecological Services Program</u> of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries<sup>2</sup>).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact <u>NOAA Fisheries</u> for <u>species under their jurisdiction</u>.

- Species listed under the <u>Endangered Species Act</u> are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the <u>listing status page</u> for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
- 2. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

## **Mammals**

NAME STATUS

Canada Lynx Lynx canadensis

Threatened

There is **final** critical habitat for this species. Your location overlaps the critical habitat.

https://ecos.fws.gov/ecp/species/3652

Gray Wolf Canis lupus

Threatened

There is **final** critical habitat for this species. Your location does not overlap the critical habitat.

https://ecos.fws.gov/ecp/species/4488

## **Birds**

NAME STATUS

Piping Plover Charadrius melodus

Endangered

There is **final** critical habitat for this species. Your location does not overlap the critical habitat.

https://ecos.fws.gov/ecp/species/6039

Rufa Red Knot Calidris canutus rufa

Threatened

Wherever found

There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat.

https://ecos.fws.gov/ecp/species/1864

## Insects

NAME STATUS

Monarch Butterfly Danaus plexippus

Proposed Threatened

Wherever found

There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat.

https://ecos.fws.gov/ecp/species/9743

Suckley's Cuckoo Bumble Bee Bombus suckleyi

No critical habitat has been designated for this species.

https://ecos.fws.gov/ecp/species/10885

Proposed Endangered

## Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

This location overlaps the critical habitat for the following species:

NAME	TYPE
Canada Lynx Lynx canadensis	Final
https://ecos.fws.gov/ecp/species/3652#crithab	

# Bald & Golden Eagles

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act <sup>2</sup> and the Migratory Bird Treaty Act (MBTA) <sup>1</sup>. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

Additional information can be found using the following links:

- Eagle Management <a href="https://www.fws.gov/program/eagle-management">https://www.fws.gov/program/eagle-management</a>
- Measures for avoiding and minimizing impacts to birds
   https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds
   <a href="https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf">https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf</a>
- Supplemental Information for Migratory Birds and Eagles in IPaC
   <a href="https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action">https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action</a>

There are Bald Eagles and/or Golden Eagles in your project area.

#### **Measures for Proactively Minimizing Eagle Impacts**

For information on how to best avoid and minimize disturbance to nesting bald eagles, please review the <u>National Bald Eagle Management Guidelines</u>. You may employ the timing and activity-specific distance recommendations in this document when designing your project/activity to avoid and minimize eagle impacts. For bald eagle information specific to Alaska, please refer to <u>Bald Eagle Nesting and Sensitivity to Human Activity</u>.

The FWS does not currently have guidelines for avoiding and minimizing disturbance to nesting Golden Eagles. For site-specific recommendations regarding nesting Golden Eagles, please consult with the appropriate Regional Migratory Bird Office or Ecological Services Field Office.

If disturbance or take of eagles cannot be avoided, an <u>incidental take permit</u> may be available to authorize any take that results from, but is not the purpose of, an otherwise lawful activity. For assistance making this determination for Bald Eagles, visit the <u>Do I Need A Permit Tool</u>. For assistance making this determination for golden eagles, please consult with the appropriate Regional <u>Migratory Bird Office</u> or <u>Ecological Services Field Office</u>.

#### **Ensure Your Eagle List is Accurate and Complete**

If your project area is in a poorly surveyed area in IPaC, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the <a href="Supplemental Information">Supplemental Information</a> on <a href="Migratory Birds">Migratory Birds</a> and <a href="Eagles">Eagles</a>, to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to bald or golden eagles on your list, see the "Probability of Presence Summary" below to see when these bald or golden eagles are most likely to be present and breeding in your project area.

#### **Review the FAQs**

The FAQs below provide important additional information and resources.

NAME BREEDING SEASON

#### Bald Eagle Haliaeetus leucocephalus

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

https://ecos.fws.gov/ecp/species/1626

#### Breeds Dec 1 to Aug 31

#### Golden Eagle Aquila chrysaetos

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

https://ecos.fws.gov/ecp/species/1680

#### Breeds Jan 1 to Aug 31

## **Probability of Presence Summary**

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental"

<u>Information on Migratory Birds and Eagles"</u>, specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

#### **Probability of Presence (**■**)**

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

- 1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
- 2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
- 3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

## Breeding Season (

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

#### Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

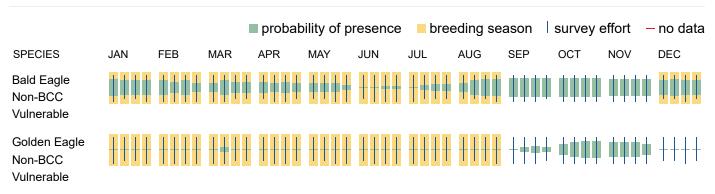
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

#### No Data (-)

A week is marked as having no data if there were no survey events for that week.

#### **Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



## Bald & Golden Eagles FAQs

# What does IPaC use to generate the potential presence of bald and golden eagles in my specified location?

The potential for eagle presence is derived from data provided by the <u>Avian Knowledge Network (AKN)</u>. The AKN data is based on a growing collection of <u>survey, banding, and citizen science datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are an eagle (<u>Bald and Golden Eagle Protection Act</u> requirements may apply).

#### Proper interpretation and use of your eagle report

On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort line or no data line (red horizontal) means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide you in knowing when to implement avoidance and minimization measures to eliminate or reduce potential impacts from your project activities or get the appropriate permits should presence be confirmed.

#### How do I know if eagles are breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the <u>RAIL Tool</u> and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If an eagle on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

#### Interpreting the Probability of Presence Graphs

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

#### **Breeding Season ()**

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

#### Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

#### No Data ()

A week is marked as having no data if there were no survey events for that week.

#### **Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

# Migratory birds

The Migratory Bird Treaty Act (MBTA) <sup>1</sup> prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service).

- 1. The Migratory Birds Treaty Act of 1918.
- 2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Eagle Management <a href="https://www.fws.gov/program/eagle-management">https://www.fws.gov/program/eagle-management</a>
- Measures for avoiding and minimizing impacts to birds
   https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC <a href="https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action">https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action</a>

#### **Measures for Proactively Minimizing Migratory Bird Impacts**

Your IPaC Migratory Bird list showcases <u>birds of concern</u>, including <u>Birds of Conservation</u> <u>Concern (BCC)</u>, in your project location. This is not a comprehensive list of all birds found in your project area. However, you can help proactively minimize significant impacts to all birds at your project location by implementing the measures in the <u>Nationwide avoidance and minimization</u> <u>measures for birds</u> document, and any other project-specific avoidance and minimization measures suggested at the link <u>Measures for avoiding and minimizing impacts to birds</u> for the birds of concern on your list below.

#### **Ensure Your Migratory Bird List is Accurate and Complete**

If your project area is in a poorly surveyed area, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the <u>Supplemental Information on Migratory Birds and Eagles document</u>, to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

#### Review the FAQs

The FAQs below provide important additional information and resources.

NAME	BREEDING SEASON
Bald Eagle Haliaeetus leucocephalus  This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. <a href="https://ecos.fws.gov/ecp/species/1626">https://ecos.fws.gov/ecp/species/1626</a>	Breeds Dec 1 to Aug 31
Black Tern Chlidonias niger surinamenisis  This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <a href="https://ecos.fws.gov/ecp/species/3093">https://ecos.fws.gov/ecp/species/3093</a>	Breeds May 15 to Aug 20
Black-billed Cuckoo Coccyzus erythropthalmus  This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <a href="https://ecos.fws.gov/ecp/species/9399">https://ecos.fws.gov/ecp/species/9399</a>	Breeds May 15 to Oct 10

#### Bobolink Dolichonyx oryzivorus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 20 to Jul 31

#### Canada Warbler Cardellina canadensis

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 20 to Aug 10

#### Chimney Swift Chaetura pelagica

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds Mar 15 to Aug 25

#### Common Tern Sterna hirundo

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/4963

Breeds May 1 to Aug 31

#### Connecticut Warbler Oporornis agilis

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds Jun 15 to Aug 10

#### Eastern Whip-poor-will Antrostomus vociferus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 1 to Aug 20

#### Evening Grosbeak Coccothraustes vespertinus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 15 to Aug 10

#### Golden Eagle Aquila chrysaetos

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

Breeds Jan 1 to Aug 31

https://ecos.fws.gov/ecp/species/1680

#### Golden-winged Warbler Vermivora chrysoptera

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

https://ecos.fws.gov/ecp/species/8745

Breeds May 1 to Jul 20

#### Le Conte's Sparrow Ammospiza leconteii

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds Jun 1 to Aug 15

#### Lesser Yellowlegs Tringa flavipes

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

https://ecos.fws.gov/ecp/species/9679

Breeds elsewhere

#### Long-eared Owl asio otus

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

https://ecos.fws.gov/ecp/species/3631

Breeds Mar 1 to Jul 15

#### Olive-sided Flycatcher Contopus cooperi

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

https://ecos.fws.gov/ecp/species/3914

Breeds May 20 to Aug 31

#### Pectoral Sandpiper Calidris melanotos

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds elsewhere

#### Ruddy Turnstone Arenaria interpres morinella

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Breeds elsewhere

#### Veery Catharus fuscescens fuscescens

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Breeds May 15 to Jul 15

#### Whimbrel Numenius phaeopus hudsonicus

This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Breeds elsewhere

#### Wood Thrush Hylocichla mustelina

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Breeds May 10 to Aug 31

## **Probability of Presence Summary**

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

#### Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

- 1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
- 2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
- 3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

### Breeding Season (

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

#### Survey Effort (I)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

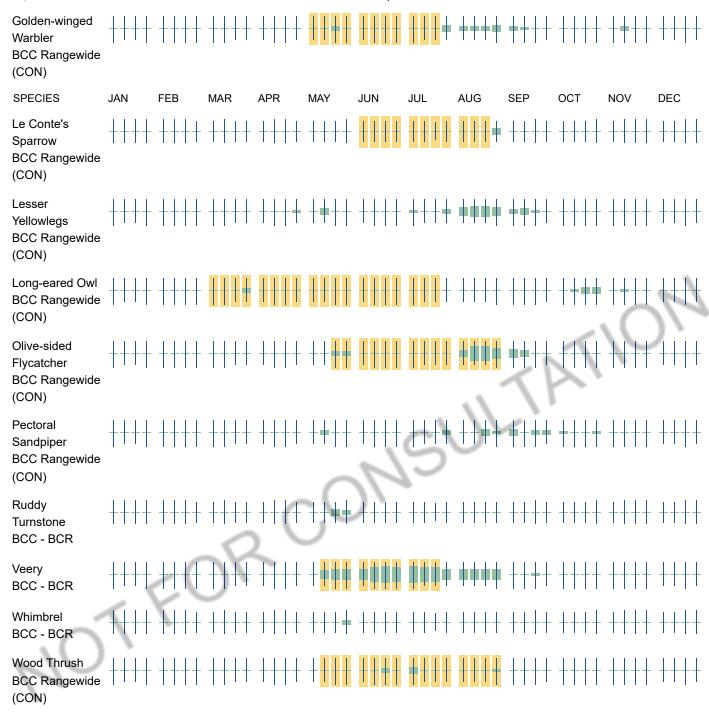
#### No Data (-)

A week is marked as having no data if there were no survey events for that week.

#### **Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





### Migratory Bird FAQs

Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Avoidance & Minimization Measures for Birds describes measures that can help avoid and minimize impacts to all birds at any location year-round. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is one of the most effective ways to minimize impacts. To see when birds are most likely to occur and breed in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

## What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of <u>Birds of Conservation Concern (BCC)</u> and other species that may warrant special attention in your project location, such as those listed under the Endangered Species Act or the <u>Bald and Golden Eagle Protection Act</u> and those species marked as "Vulnerable". See the FAQ "What are the levels of concern for migratory birds?" for more information on the levels of concern covered in the IPaC migratory bird species list.

The migratory bird list generated for your project is derived from data provided by the <u>Avian Knowledge Network (AKN)</u>. The AKN data is based on a growing collection of <u>survey, banding, and citizen science datasets</u> and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) with which your project intersects. These species have been identified as warranting special attention because they are BCC species in that area, an eagle (<u>Bald and Golden Eagle Protection Act</u> requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, and to verify survey effort when no results present, please visit the <u>Rapid Avian Information Locator (RAIL) Tool</u>.

#### Why are subspecies showing up on my list?

Subspecies profiles are included on the list of species present in your project area because observations in the AKN for **the species** are being detected. If the species are present, that means that the subspecies may also be present. If a subspecies shows up on your list, you may need to rely on other resources to determine if that subspecies may be present (e.g. your local FWS field office, state surveys, your own surveys).

# What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the <u>Avian Knowledge Network (AKN)</u>. This data is derived from a growing collection of <u>survey, banding, and citizen science datasets</u>.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

#### How do I know if a bird is breeding, wintering, or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating, or resident), you may query your location using the RAIL Tool and view the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your IPaC migratory bird species list has a breeding season associated with it (indicated by yellow vertical bars on the phenology graph in your "IPaC PROBABILITY OF PRESENCE SUMMARY" at the top of your results list), there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

#### What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

- 1. "BCC Rangewide" birds are <u>Birds of Conservation Concern</u> (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
- 2. "BCC BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
- 3. "Non-BCC Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the <u>Bald and Golden Eagle Protection Act</u> requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially BCC species. For more information on avoidance and minimization measures you can implement to help avoid and minimize migratory bird impacts, please see the FAQ "Tell me more about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

#### Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the <u>Northeast Ocean Data Portal</u>. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the <u>NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.</u>

#### Proper interpretation and use of your migratory bird report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please look carefully at the survey effort (indicated by the black vertical line) and for the existence of the "no data" indicator (a red horizontal line). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list does not represent all birds present in your project area. It is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list and associated information help you know what to look for to confirm presence and helps guide implementation of avoidance and minimization measures to eliminate or reduce potential impacts from your project activities, should presence be confirmed. To learn more about avoidance and minimization measures, visit the FAQ "Tell me about avoidance and minimization measures I can implement to avoid or minimize impacts to migratory birds".

#### **Interpreting the Probability of Presence Graphs**

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. A taller bar indicates a higher probability of species presence. The survey effort can be used to establish a level of confidence in the presence score.

How is the probability of presence score calculated? The calculation is done in three steps:

The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.

The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

#### **Breeding Season ()**

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

#### Survey Effort ()

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

#### No Data ()

A week is marked as having no data if there were no survey events for that week.

#### **Survey Timeframe**

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.

# Facilities

# National Wildlife Refuge lands

Any activity proposed on lands managed by the <u>National Wildlife Refuge</u> system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

## Fish hatcheries

There are no fish hatcheries at this location.

# Wetlands in the National Wetlands Inventory (NWI)

Impacts to <u>NWI wetlands</u> and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local <u>U.S. Army Corps of Engineers District</u>.

#### Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the <a href="NWI map">NWI map</a> to view wetlands at this location.

#### **Data limitations**

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

#### **Data exclusions**

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

#### **Data precautions**

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in

activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATIO

# **Appendix H**MnSHIP Sites within the AUAR area

Resource No.	Name	Resource Type	Address/Location	NRHP Eligibility
Lot D Subarea (2 Resource		rtocouroo rypo	rtaal 000/200ation	THE LINGUISM
SL-DUL-00056	Huron-Portland Cement	Building	8th Ave. W. and waterfront	Not Eligible
SL-DUL-02441	U.S. Coast Guard Cutter	Structure (Boat)	Waterfront (No address)	Potentially Eligible
Essentia Subarea (134 Re	Sundew esources)	·	·	· -
SL-DUL-04120	Bridge 69817	Transportation, Road-Related	Michigan Street and I-35	Potentially Eligible
GL-DGL-04120	Mutual Auto Company-Bresnan	(Vehicular)	Interchange	Toteritally Eligible
SL-DUL-00212	Communications	Commerce/Trade, Specialty Store	302 Superior St. E.	Listed
SL-DUL-00213	Burrell and Harmon Metal Work	Commerce/Trade, Specialty Store	308 Superior St. E.	Listed
SL-DUL-00214	Hotel Florham	Commerce/Trade, Specialty Store	310-312 Superior St. E.	Listed
3L-D0L-00214		Commerce/ frade, Specially Store	310-312 Superior St. L.	Listed
SL-DUL-00215	Northwest Cadillac Company	Commerce/Trade, Specialty Store	314 Superior St. E.	Listed
SL-DUL-00180	Commercial building	Commerce/Trade, Specialty Store	309-317 Superior St. E.	Not Eligible
SL-DUL-00216	McNamara Automobiles	Commerce/Trade, Specialty Store	318 Superior St. E.	Listed
SL-DUL-00217	Buffalo Saloon	Commerce/Trade, Specialty Store	320 Superior St. E.	Listed
SL-DUL-00815	Monte Carlo Apartments	Domestic, Multiple Dwelling	324-326 E. Superior St.	Not Eligible
SL-DUL-00814	Commercial building		322 Superior St. E.	Not Eligible
			·	1
SL-DUL-00181	Carlson Bakery  Vacant lot - Paul Bunyan		319 Superior St. E.	Listed
SL-DUL-00182	Printing	Commerce/Trade, Specialty Store	321 Superior St. E.	Listed
SL-DUL-00183	Parker Millinery	Commerce/Trade, Specialty Store	323 Superior St. E.	Listed
SL-DUL-00184	The Voyageur Motel	Domestic, Hotel	331 Superior St. E.	Not Eligible
SL-DUL-00817	Mathhiason Tire Company	Commerce/Trade, Specialty Store	400 Superior St. E.	Not Eligible
SL-DUL-00819	Kenzen Used Cars	Commerce/Trade, Specialty Store	410 Superior St. E.	Not Eligible
SL-DUL-00821	Branch's Hall	Commerce/Trade, Specialty Store	416 Superior St. E.	Not Eligible
SL-DUL-00822	Kenzen Auto Sales	Commerce/Trade, Specialty Store	430 Superior St. E.	Not Eligible
SL-DUL-00116	House	Domestic, Single Dwelling	311 1st St. E.	Not Eligible
SL-DUL-00818	Dodge Block	Commerce/Trade, Specialty Store	401-407 Superior St. E.	Not Eligible
SL-DUL-00115	brownstone apartments	Domestic, Multiple Dwelling	309 1/2 1st St. E.	Not Eligible
SL-DUL-00117	Duplex	Domestic, Multiple Dwelling	315 1st St. E.	Not Eligible
SL-DUL-00118	Duplex	Domestic, Multiple Dwelling	317 1st St. E.	Not Eligible
SL-DUL-00244	Harbor View Apartments	Domestic, Multiple Dwelling	17-19 North 4th Ave. E.	Not Eligible
SL-DUL-00119	New York apartments	Domestic, Multiple Dwelling	319-321 1st St. E.	Not Eligible
SL-DUL-00121	Duplex	Domestic, Multiple Dwelling	323 1st St. E.	Not Eligible
SL-DUL-01075	Kellerhais Auto Body	Domestic, Secondary Structure	402 1st St. E.	Not Eligible
SL-DUL-00122	House	Domestic, Single Dwelling	325 1st St. E.	Not Eligible
SL-DUL-00245	Harbor View Apartments	Domestic, Multiple Dwelling	21-23 North 4th Ave. E.	Not Eligible
SL-DUL-00820	Arrowhead Glass Company	Commerce/Trade, Specialty Store	415 Superior St. E.	Not Eligible
SL-DUL-00246	Harbor View Apartments	Domestic, Multiple Dwelling	25-27 North 4th Ave. E.	Not Eligible
SL-DUL-00088	First Presbyterian Church	Religion, Religious Facility	302 2nd St. E.	Not Eligible
SL-DUL-00089	Portland Apartments	Domestic, Multiple Dwelling	316 2nd St. E.	Not Eligible
SL-DUL-00123	House	Domestic, Single Dwelling	331 1st St. E.	Not Eligible
SL-DUL-01077			408-410 1st St. E.	
	Duplex	Domestic, Multiple Dwelling		Not Eligible
SL-DUL-01076	House	Domestic, Single Dwelling	406 1st St. E.	Not Eligible
SL-DUL-00247	Harbor View Apartments	Domestic, Multiple Dwelling	29-31 North 4th Ave. E.	Not Eligible
SL-DUL-00248	Harbor View Apartments	Domestic, Multiple Dwelling	33-35 North 4th Ave. E.	Not Eligible
SL-DUL-01079	Berkely Apartments	Domestic, Multiple Dwelling	416-420 1st St. E.	Not Eligible
SL-DUL-00090	house-Almquist insurance	Domestic, Single Dwelling	320 2nd St. E.	Not Eligible
SL-DUL-01078	Warehouse	Commerce/Trade, Warehouse	412 1st St. E.	Not Eligible
SL-DUL-00249	House	Domestic, Single Dwelling	109 North 4th Ave. E.	Not Eligible
SL-DUL-01266	Grandview Manor	Domestic, Multiple Dwelling	301 2nd St. E.	Not Eligible
SL-DUL-01080	House	Domestic, Single Dwelling	422 1st St. E.	Not Eligible
SL-DUL-01081	House	Domestic, Single Dwelling	424 1st St. E.	Not Eligible
SL-DUL-00091	House	Domestic, Single Dwelling	322 2nd St. E.	Not Eligible
SL-DUL-01082	Duluth Auto Body	Domestic, Secondary Structure	426-428 1st St. E.	Not Eligible
SL-DUL-00092	Miller-Dawn Medical	Health Care, Medical Business/Office	330 2nd St. E.	Not Eligible
SL-DUL-02813	Temple Adas Israel Synagogue		302 E 3RD ST	Not Eligible
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Resource No.	Name	Resource Type	Address/Location	NRHP Eligibility
	Bridge 69821 (Brewery Historic	Transportation, Road-Related	I-35 between 4th and 6th	
SL-DUL-03942	District Tunnel/ Superior West	(Vehicular)	Avenues East	Potentially Eligible
SL-DUL-01419	Tunnel)	Domestic, Multiple Dwelling	301-307 3rd St. E.	Not Eligible
SL-DUL-01419	Apartments St. Anne's Home	Domestic, Multiple Dwelling	330 3rd St. E.	Not Eligible Not Eligible
SL-DUL-01268	House	Domestic, Single Dwelling	420 2nd St. E.	Not Eligible  Not Eligible
SL-DUL-01420	Apartments	Domestic, Multiple Dwelling	317 3rd St. E.	Not Eligible
SL-DUL-01592	Messiah Lutheran Church	Religion, Religious Facility	4th St. and 3rd Ave. E.	Not Eligible
SL-DUL-01074	Commercial building		401 1st St. E.	Not Eligible
SL-DUL-01267	Shoreview Apartments	Domestic, Multiple Dwelling	401 2nd St. E.	Not Eligible
SL-DUL-01083	Hampshire Apartments	Domestic, Multiple Dwelling	514-518 1st St. E.	Not Eligible
SL-DUL-02815	Essentia Health-Duluth Clinic 3rd Street Building & Parking Ramp	Health Care, Clinic	400 E 3RD ST	Not Eligible
SL-DUL-02814	St. Mary Star of the Sea Catholic Church (St. Mary's Polish Catholic Church)	Religion, Religious Facility	325 E 3RD ST	Not Eligible
SL-DUL-03751	Essentia Health	Health Care	400 3rd St E	Not Eligible
SL-DUL-02008	House	Domestic, Single Dwelling	329 North 4th Ave. E.	Not Eligible
SL-DUL-01593	Jeffrey Black Building	Commerce/Trade, Specialty Store	332 4th St. E.	Not Eligible
SL-DUL-03746	Commercial building	Commerce/Trade, Specialty Store	532 1st St E	Not Eligible
SL-DUL-01084	Peerless Auto Body	Domestic, Secondary Structure	532 1st St. E.	Not Eligible
SL-DUL-01270	Miller-Dawn Hospital	Health Care, Hospital	504 2nd St. E.	Not Eligible
SL-DUL-02816	St. Mary's Hospital	Health Care, Hospital	407 E 3RD ST	Not Eligible
SL-DUL-01269	House	Domestic, Single Dwelling	501 2nd St. E.	Not Eligible
SL-DUL-02817	Kaarbos Auto Repair	Commerce	331 4th Street East	Not Eligible
SL-DUL-01594	Commercial building	Commerce/Trade, Specialty Store	401 4th St. E.	Not Eligible
SL-DUL-03750	Unknown	-	620 1st St E	Not Eligible
SL-DUL-01085	Apartment	Domestic, Multiple Dwelling	601-603 E 1st St	Not Eligible
SL-DUL-01087	House	Domestic, Single Dwelling	610 1st St. E.	Not Eligible
SL-DUL-01088	Commercial Building	,	614 E 1st St	Not Eligible
SL-DUL-03679	Apartment	Domestic, Multiple Dwelling	605 E 1st St	Not Eligible
SL-DUL-01425	Ashtabula Apartments	Domestic, Multiple Dwelling	502 3rd St. E.	Not Eligible
SL-DUL-03747	Duplex	Domestic, Multiple Dwelling	601-603 1st St E	Not Eligible
SL-DUL-03748	Duplex	Domestic, Multiple Dwelling	605 1st St E	Not Eligible
SL-DUL-03749	Duplex	Domestic, Multiple Dwelling	607-609 1st St E 607-609 E 1st St	Not Eligible
SL-DUL-01086	Apartments	Domestic, Multiple Dwelling		Not Eligible
SL-DUL-01595	Commercial building		407 4th St. E.	Not Eligible
SL-DUL-01271	House	Domestic, Single Dwelling	517 2nd St. E.	Not Eligible
SL-DUL-01868	Apartments	Domestic, Multiple Dwelling	110-114 N 6th Ave E	Not Eligible
SL-DUL-02818 SL-DUL-01092	Goering Bldg. Expert Tire (Commercial	Commerce/Trade, Specialty Store	413 4th Street East 624 E 1st St	Not Eligible  Not Eligible
	Building)			Not Eligible
SL-DUL-02819	Beschenbossel Building	Funerary, Mortuary	415 4th Street East	•
SL-DUL-01272 SL-DUL-01089	Daugherty Funeral Home House	Domestic, Multiple Dwelling	600 2nd St. E. 619 E 1st St	Not Eligible Not Eligible
SL-DUL-01427	Johnson Mortuary	Funerary, Mortuary	514 3rd St. E.	Not Eligible  Not Eligible
SL-DUL-01704	Evergreen Apartments	Domestic, Multiple Dwelling	402-404 5th St. E.	Not Eligible  Not Eligible
SL-DUL-01091	Double House	Domestic, Multiple Dwelling	621-623 E 1st St	Not Eligible
SL-DUL-01090	House	Domestic, Single Dwelling	621 1st St. E.	Not Eligible
SL-DUL-01596	The Barber	Commerce/Trade, Specialty Store	419 4th St. E.	Not Eligible
SL-DUL-04087	Commercial Building	Commerce/Trade, Business	421 East 4th Street	Not Eligible
SL-DUL-01007	Vermillion Trail Marker	-	Washington Ave. & 1st St.	Not Eligible
SL-DUL-01093	Double House	Domestic, Multiple Dwelling	629 E 1st St	Not Eligible
SL-DUL-01873	House	Domestic, Single Dwelling	119 North 7th Ave. E.	Not Eligible
SL-DUL-01870 SL-DUL-03617	Gloria Dei Church Swedish Evangelical Lutheran	Religion, Religious Facility Religion, Religious Facility	219 North 6th Ave. E. 219 N. 6th Ave. E.	Not Eligible  Not Eligible
	Church			<u> </u>
SL-DUL-01426	Fifth Avenue Apartments	Domestic, Multiple Dwelling	503 3rd St. E.	Not Eligible
SL-DUL-02820	Bell Apartment	Domestic, Multiple Dwelling	502 E 4th St.	Not Eligible
SL-DUL-01274	House (parish center)	Religion, Religious Facility	620 E 2nd St	Not Eligible
SL-DUL-02838 SL-DUL-01273	Commercial building House	Commerce/Trade, Specialty Store  Domestic, Single Dwelling	512-514 4th St E 617 2nd St. E.	Not Eligible  Not Eligible
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SL-DUL-02822	Daugherty Bldg.	Commerce/Trade, Specialty Store	516 E 4th St.	Not Eligible

Resource No.	Name	Resource Type	Address/Location	NRHP Eligibility
SL-DUL-01279	Twelve Holy Apostles Greek Orthodox Church	Religion, Religious Facility	632 E 2nd St	Not Eligible
SL-DUL-02836	Bartholdi Block	Commerce/Trade, Specialty Store	501 4th Street East	Not Eligible
SL-DUL-03614	SMDC Health System building	-	412 N. 5th Ave. E.	Not Eligible
SL-DUL-03615	Commercial Building	Commerce	520 E. 4th St.	Not Eligible
SL-DUL-01275	House	Domestic, Single Dwelling	621 E 2nd St	Not Eligible
SL-DUL-01277	House	Domestic, Single Dwelling	629 2nd St. E.	Not Eligible
SL-DUL-01278	House	Domestic, Single Dwelling	631 2nd St. E.	Not Eligible
SL-DUL-03616	Commercial Building	Commerce	526 E. 4th St.	Not Eligible
SL-DUL-02823	Potswald Block	Commerce/Trade, Specialty Store	522 E 4th St.	Not Eligible
SL-DUL-02821	Tufia Bldg.	Commerce/Trade, Specialty Store	513 E 4th St.	Not Eligible
SL-DUL-01276	House	Domestic, Single Dwelling	627 2nd St. E.	Not Eligible
SL-DUL-01429	Kohagen Flats	Domestic, Multiple Dwelling	632 E 3rd St	Potentially Eligible
SL-DUL-03602	Grocery Store	Commerce	610 E. 4th St.	Not Eligible
SL-DUL-01428	Schaf Flats	Domestic, Multiple Dwelling	631 3rd St. E.	Not Eligible
SL-DUL-03601	Commercial Building and Gas Station	Commerce	619 E. 4th St.	Not Eligible
SL-DUL-03613	Auto Repair - Retail Store	Commerce	531 E. 5th St.	Not Eligible
SL-DUL-03618	Brewery Creek Culvert	Transportation, Road-Related (Vehicular)	unknown	Not Eligible
SL-DUL-01709	House	Domestic, Single Dwelling	618 5th St. E.	Not Eligible
SL-DUL-03693	Brooks Terrace	Domestic, Multiple Dwelling	621 E 4th St	Not Eligible
SL-DUL-03612	Automotive Parts Headquarters Inc.	Commerce	502 N. 6th Ave. E.	Not Eligible
SL-DUL-03611	House	Domestic	609 E. 5th St.	Not Eligible
SL-DUL-01711	House	Domestic, Single Dwelling	620 5th St. E.	Not Eligible
SL-DUL-01712	Krause Building	Domestic, Multiple Dwelling	624-626 E 5th St	Not Eligible
SL-DUL-03610	2 Houses	Domestic, Multiple Dwelling	613 E. 5th St.	Not Eligible
SL-DUL-01708	Duplex	Domestic, Multiple Dwelling	617 E 5th St	Not Eligible
SL-DUL-01710	Duplex	Domestic, Multiple Dwelling	619 E 5th St	Not Eligible
SL-DUL-03609	House	Domestic Domestic	623 E. 5th St.	Not Eligible
SL-DUL-03608	House	Domestic	627 E. 5th St.	Not Eligible
SL-DUL-03607	House	Domestic	629 E. 5th St.	Not Eligible
	110000	Domodio	OLO L. OUI OL.	110t Eligible
1st Street Subarea (249 R	esources)			
1 <sup>st</sup> Street Subarea (249 R	esources)	Transportation Road Rolated	I-35 between Mesaba	
1 <sup>st</sup> Street Subarea (249 R SL-DUL-04109	Bridge 69818S	Transportation, Road-Related (Vehicular)	I-35 between Mesaba Avenue and 5th Avenue West	Potentially Eligible
,			Avenue and 5th Avenue	Potentially Eligible  Not Eligible
SL-DUL-04109	Bridge 69818S	(Vehicular)  Transportation, Road-Related	Avenue and 5th Avenue West 0.2 MI N OF JCT TH 35 (carries MN 194 NB over	, 0
SL-DUL-04109 SL-DUL-03038	Bridge 69818S Bridge 69840	(Vehicular)  Transportation, Road-Related (Vehicular)	Avenue and 5th Avenue West 0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171))	Not Eligible
SL-DUL-04109 SL-DUL-03038 SL-DUL-00959	Bridge 69818S  Bridge 69840  Bible House Building	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business	Avenue and 5th Avenue West 0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171)) 715 Superior St. W.	Not Eligible  Not Eligible
SL-DUL-04109 SL-DUL-03038 SL-DUL-00959 SL-DUL-00958	Bridge 69818S  Bridge 69840  Bible House Building  Lenox Place	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related	Avenue and 5th Avenue West  0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171)) 715 Superior St. W. 701 Superior St. W. 5th Avenue West and I-35	Not Eligible  Not Eligible  Not Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-04107	Bridge 69818S  Bridge 69840  Bible House Building  Lenox Place  Bridge 69818B	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Domestic, Multiple Dwelling	Avenue and 5th Avenue West 0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171)) 715 Superior St. W. 701 Superior St. W. 5th Avenue West and I-35 Interchange 600 Superior St W 600-612 Superior St. W.	Not Eligible  Not Eligible  Not Eligible  Potentially Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-04107  SL-DUL-03115	Bridge 69818S  Bridge 69840  Bible House Building Lenox Place  Bridge 69818B  Gateway Tower	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Domestic, Multiple Dwelling  Transportation, Road-Related	Avenue and 5th Avenue West  0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171)) 715 Superior St. W. 701 Superior St. W. 5th Avenue West and I-35 Interchange 600 Superior St W 600-612 Superior St. W. 5th Avenue West and I-35	Not Eligible  Not Eligible  Not Eligible  Potentially Eligible  Not Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-04107  SL-DUL-03115  SL-DUL-00957  SL-DUL-04110	Bridge 69818S  Bridge 69840  Bible House Building Lenox Place Bridge 69818B  Gateway Tower Gateway Towers Apartments Bridge 69870A	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)	Avenue and 5th Avenue West  0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171)) 715 Superior St. W. 701 Superior St. W. 5th Avenue West and I-35 Interchange 600 Superior St. W. 5th Avenue West and I-35 Interchange	Not Eligible  Not Eligible  Not Eligible  Potentially Eligible  Not Eligible  Not Eligible  Potentially Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-04107  SL-DUL-03115  SL-DUL-00957	Bridge 69818S  Bridge 69840  Bible House Building  Lenox Place  Bridge 69818B  Gateway Tower  Gateway Towers Apartments	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Transportation, Road-Related	Avenue and 5th Avenue West  0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171)) 715 Superior St. W. 701 Superior St. W. 5th Avenue West and I-35 Interchange 600 Superior St W 600-612 Superior St. W. 5th Avenue West and I-35	Not Eligible  Not Eligible  Not Eligible  Potentially Eligible  Not Eligible  Not Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-04107  SL-DUL-03115  SL-DUL-00957  SL-DUL-04110  SL-DUL-00658	Bridge 69818S  Bridge 69840  Bible House Building  Lenox Place  Bridge 69818B  Gateway Tower  Gateway Towers Apartments  Bridge 69870A  Dulluth Union Depot	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)	Avenue and 5th Avenue West 0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171)) 715 Superior St. W. 701 Superior St. W. 5th Avenue West and I-35 Interchange 600 Superior St. W. 5th Avenue West and I-35 Interchange 506 Michigan St. unknown 5th Avenue West and I-35	Not Eligible  Not Eligible  Not Eligible  Potentially Eligible  Not Eligible  Not Eligible  Potentially Eligible  Listed
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-04107  SL-DUL-00957  SL-DUL-04110  SL-DUL-00658  SL-DUL-03040	Bridge 69818S  Bridge 69840  Bible House Building Lenox Place Bridge 69818B  Gateway Tower Gateway Towers Apartments Bridge 69870A  Duluth Union Depot 69870	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Transportation, Road-Related (Vehicular)	Avenue and 5th Avenue West  0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171)) 715 Superior St. W. 701 Superior St. W. 5th Avenue West and I-35 Interchange 600 Superior St W 600-612 Superior St. W. 5th Avenue West and I-35 Interchange 506 Michigan St. unknown 5th Avenue West and I-35 Interchange	Not Eligible  Not Eligible  Not Eligible  Potentially Eligible  Not Eligible  Not Eligible  Potentially Eligible  Listed  Not Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-03115  SL-DUL-03115  SL-DUL-04110  SL-DUL-04110  SL-DUL-03040  SL-DUL-04111	Bridge 69818S  Bridge 69840  Bible House Building Lenox Place Bridge 69818B  Gateway Tower Gateway Towers Apartments Bridge 69870A  Duluth Union Depot 69870  Bridge 69870B	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)	Avenue and 5th Avenue West 0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171)) 715 Superior St. W. 701 Superior St. W. 5th Avenue West and I-35 Interchange 600 Superior St W 600-612 Superior St. W. 5th Avenue West and I-35 Interchange 506 Michigan St. unknown 5th Avenue West and I-35 Interchange	Not Eligible Not Eligible Not Eligible Potentially Eligible Not Eligible Not Eligible Potentially Eligible Listed Not Eligible Potentially Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-03115  SL-DUL-0315  SL-DUL-00957  SL-DUL-04110  SL-DUL-0658  SL-DUL-03040  SL-DUL-04111  SL-DUL-02465	Bridge 69818S  Bridge 69840  Bible House Building Lenox Place Bridge 69818B  Gateway Tower Gateway Towers Apartments Bridge 69870A  Duluth Union Depot 69870  Bridge 69870B  William Crooks Locomotive	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Road-Related	Avenue and 5th Avenue West  0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171))  715 Superior St. W.  701 Superior St. W.  5th Avenue West and I-35 Interchange 600 Superior St W 600-612 Superior St. W.  5th Avenue West and I-35 Interchange 506 Michigan St.  unknown  5th Avenue West and I-35 Interchange 5uluth Union Depot - 506 Michigan St.	Not Eligible  Not Eligible  Not Eligible  Potentially Eligible  Not Eligible  Not Eligible  Potentially Eligible  Listed  Not Eligible  Potentially Eligible  Listed  Listed  Listed  Listed
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-03115  SL-DUL-03115  SL-DUL-00957  SL-DUL-04110  SL-DUL-03040  SL-DUL-04111  SL-DUL-02465  SL-DUL-03113	Bridge 69818S  Bridge 69840  Bible House Building Lenox Place Bridge 69818B  Gateway Tower Gateway Towers Apartments Bridge 69870A  Duluth Union Depot 69870  Bridge 69870B  William Crooks Locomotive Parking Structure	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Landscape, Parking Lot	Avenue and 5th Avenue West  0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171))  715 Superior St. W.  701 Superior St. W.  5th Avenue West and I-35 Interchange 600 Superior St W  600-612 Superior St. W.  5th Avenue West and I-35 Interchange 506 Michigan St.  unknown  5th Avenue West and I-35 Interchange 5uluth Union Depot - 506 Michigan St.  N/A Michigan St W	Not Eligible  Not Eligible  Not Eligible  Potentially Eligible  Not Eligible  Not Eligible  Potentially Eligible  Listed  Not Eligible  Potentially Eligible  Listed  Not Eligible  Potentially Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-04107  SL-DUL-03115  SL-DUL-00957  SL-DUL-04110  SL-DUL-04110  SL-DUL-04111  SL-DUL-03040  SL-DUL-04111  SL-DUL-04111  SL-DUL-04111  SL-DUL-02465  SL-DUL-03113  SL-DUL-00955	Bridge 69818S  Bridge 69840  Bible House Building  Lenox Place  Bridge 69818B  Gateway Tower  Gateway Towers Apartments  Bridge 69870A  Duluth Union Depot  69870  Bridge 69870B  William Crooks Locomotive  Parking Structure  Radison Duluth Hotel	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Landscape, Parking Lot  Domestic, Hotel	Avenue and 5th Avenue West 0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171)) 715 Superior St. W. 701 Superior St. W. 5th Avenue West and I-35 Interchange 600 Superior St W 600-612 Superior St. W. 5th Avenue West and I-35 Interchange 506 Michigan St. unknown 5th Avenue West and I-35 Interchange Duluth Union Depot - 506 Michigan St. N/A Michigan St W 505 Superior St. W.	Not Eligible  Not Eligible  Not Eligible  Potentially Eligible  Not Eligible  Not Eligible  Potentially Eligible  Listed  Not Eligible  Potentially Eligible  Listed  Not Eligible  Potentially Eligible  Listed  Not Eligible  Not Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-03115  SL-DUL-03115  SL-DUL-03658  SL-DUL-04110  SL-DUL-03040  SL-DUL-04111  SL-DUL-02465  SL-DUL-03113  SL-DUL-00953	Bridge 69818S  Bridge 69840  Bible House Building Lenox Place Bridge 69818B  Gateway Tower Gateway Towers Apartments  Bridge 69870A  Duluth Union Depot  69870  Bridge 69870B  William Crooks Locomotive  Parking Structure  Radison Duluth Hotel  Ordean Building  Gerald W. Heaney Federal  Building & US Courthouse/US  Custom House/ US Post  Offlice/Civic Center Station  Duplicate Number - See SL-  DUL-01240	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Landscape, Parking Lot  Domestic, Hotel  Commerce/Trade, Business	Avenue and 5th Avenue West  0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171))  715 Superior St. W.  701 Superior St. W.  5th Avenue West and I-35 Interchange 600 Superior St W 600-612 Superior St. W.  5th Avenue West and I-35 Interchange 506 Michigan St.  unknown  5th Avenue West and I-35 Interchange Duluth Union Depot - 506 Michigan St.  N/A Michigan St W 505 Superior St. W.  424 Superior St. W.	Not Eligible Not Eligible Not Eligible Potentially Eligible Not Eligible Not Eligible Not Eligible Potentially Eligible Listed Not Eligible Potentially Eligible Listed Not Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-03115  SL-DUL-00957  SL-DUL-04110  SL-DUL-00658  SL-DUL-03040  SL-DUL-04111  SL-DUL-02465  SL-DUL-03113  SL-DUL-00953  SL-DUL-00953  SL-DUL-01240	Bridge 69818S  Bridge 69840  Bible House Building Lenox Place Bridge 69818B  Gateway Tower Gateway Towers Apartments Bridge 69870A  Duluth Union Depot 69870  Bridge 69870B  William Crooks Locomotive Parking Structure Radison Duluth Hotel Ordean Building Gerald W. Heaney Federal Building & US Courthouse/US Custom House/ US Post Office/Civic Center Station Duplicate Number - See SL-	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Landscape, Parking Lot  Domestic, Hotel  Commerce/Trade, Business  Government, Post Office  Commerce/Trade, Specialty Store	Avenue and 5th Avenue West  0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171))  715 Superior St. W.  701 Superior St. W.  5th Avenue West and I-35 Interchange 600 Superior St W 600-612 Superior St. W.  5th Avenue West and I-35 Interchange 506 Michigan St. unknown  5th Avenue West and I-35 Interchange Duluth Union Depot - 506 Michigan St. N/A Michigan St W 505 Superior St. W.  424 Superior St. W.  unknown  418 Superior St. W.	Not Eligible  Not Eligible  Potentially Eligible  Not Eligible  Not Eligible  Not Eligible  Potentially Eligible  Listed  Not Eligible  Potentially Eligible  Listed  Not Eligible  Listed  Not Eligible  Listed  Not Eligible  Not Eligible  Not Eligible  Not Eligible  Not Eligible  Not Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-04107  SL-DUL-00957  SL-DUL-00957  SL-DUL-04110  SL-DUL-03040  SL-DUL-04111  SL-DUL-02465  SL-DUL-03113  SL-DUL-00953  SL-DUL-00953  SL-DUL-01240  SL-DUL-02375	Bridge 69818S  Bridge 69840  Bible House Building Lenox Place Bridge 69818B  Gateway Tower Gateway Towers Apartments  Bridge 69870A  Duluth Union Depot  69870  Bridge 69870B  William Crooks Locomotive  Parking Structure  Radison Duluth Hotel  Ordean Building  Gerald W. Heaney Federal  Building & US Courthouse/US  Custom House/ US Post  Office/Civic Center Station  Duplicate Number - See SL-  DUL-01240  Duluth Business University	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Landscape, Parking Lot  Domestic, Hotel  Commerce/Trade, Business  Government, Post Office	Avenue and 5th Avenue West  0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171))  715 Superior St. W.  701 Superior St. W.  5th Avenue West and I-35 Interchange 600 Superior St W 600-612 Superior St. W.  5th Avenue West and I-35 Interchange 506 Michigan St. unknown  5th Avenue West and I-35 Interchange Duluth Union Depot - 506 Michigan St. N/A Michigan St W 505 Superior St. W.  424 Superior St. W.	Not Eligible Not Eligible Not Eligible Potentially Eligible Not Eligible Not Eligible Not Eligible Potentially Eligible Listed Not Eligible Potentially Eligible Listed Not Eligible Listed Not Eligible Listed Not Eligible Listed Not Eligible
SL-DUL-04109  SL-DUL-03038  SL-DUL-00959  SL-DUL-00958  SL-DUL-03115  SL-DUL-03115  SL-DUL-04110  SL-DUL-04110  SL-DUL-04111  SL-DUL-03040  SL-DUL-04111  SL-DUL-02465  SL-DUL-03113  SL-DUL-00955  SL-DUL-01240  SL-DUL-01240  SL-DUL-02375  SL-DUL-00952	Bridge 69818S  Bridge 69840  Bible House Building Lenox Place Bridge 69818B  Gateway Tower Gateway Towers Apartments  Bridge 69870A  Duluth Union Depot  69870  Bridge 69870B  William Crooks Locomotive Parking Structure Radison Duluth Hotel  Ordean Building Gerald W. Heaney Federal Building & US Courthouse/US Custom House/ US Post Office/Civic Center Station Duplicate Number - See SL- DUL-01240  Duluth Business University Building	(Vehicular)  Transportation, Road-Related (Vehicular)  Commerce/Trade, Business  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Domestic, Multiple Dwelling  Domestic, Multiple Dwelling  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Road-Related (Vehicular)  Transportation, Rail-Related  Landscape, Parking Lot  Domestic, Hotel  Commerce/Trade, Business  Government, Post Office  Government, Government Office  Commerce/Trade, Specialty Store  Transportation, Road-Related	Avenue and 5th Avenue West  0.2 MI N OF JCT TH 35 (carries MN 194 NB over SUPERIOR ST(MSAS171))  715 Superior St. W.  701 Superior St. W.  5th Avenue West and I-35 Interchange 600 Superior St W 600-612 Superior St. W.  5th Avenue West and I-35 Interchange 506 Michigan St.  unknown  5th Avenue West and I-35 Interchange Duluth Union Depot - 506 Michigan St.  N/A Michigan St W 505 Superior St. W.  424 Superior St. W.  418 Superior St. W.  Skyway Michigan St1 miles	Not Eligible Not Eligible Potentially Eligible Not Eligible Not Eligible Not Eligible Potentially Eligible Potentially Eligible Listed Not Eligible Potentially Eligible Listed Not Eligible

St. Dil. 0984   Children Building	Resource No.	Name	Resource Type	Address/Location	NRHP Eligibility
SL-DUL-09048 Projections Building Dulary Water & Cas Dulary & Cameroon and Culture & Specialty Store & Cas Dulary & Cameroon and Culture & Specialty Store & Cas Dulary & Cameroon and Culture & Specialty Store & Cas Dulary & Cameroon and Culture & Cas Dulary & Cameroon and Culture & Specialty Store & Cas Dulary & Cameroon and Culture & Cas Dulary & Cameroon and Culture & Specialty Store & Cas Dulary & Cameroon and Culture & Specialty Store & Cameroon and Culture & Cameroon and Culture & Specialty Store & Cameroo			••		
Section   Sect	SL-DUL-00950	Palladis Building	,	403 Superior St. W.	Not Eligible
SE-DUL-0128   Department Offices   Commonor (Frade, Businesse   44 feet St. W.   Not Eligible	SL-DUL-00948	ű	l ·	332 Superior St. W.	Not Eligible
Schull-Quoted Medical Arts Building Sunters and Sales is without the Monument-Market of Commerce Trade, Specially Store 333 Superior St. W. Not Eligible StDul00400 Phoorix Building Commerce Trade, Specially Store 313 Superior St. W. Not Eligible StDul00401 Torrey Building Commerce Trade, Specially Store 314-976 Superior St. W. Not Eligible Wardhouse StDul02372 St. Louis County Courthouse Commerce Trade, Specially Store 314-976 Superior St. W. Not Eligible StDul02372 St. Louis County Courthouse Commerce Trade, Specially Store 314-976 Superior St. W. Not Eligible StDul02372 St. Louis County Courthouse Commerce Trade, Specially Store 312 Superior St. W. Not Eligible StDul02372 St. Louis County Courthouse Commerce Trade, Specially Store 312 Superior St. W. Not Eligible StDul0041 Moore Memorial Building Commerce Trade, Specially Store 312 Superior St. W. Not Eligible StDul00404 Commercial building Commerce Trade, Specially Store 312 Superior St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 314 Superior St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 314 Superior St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 314 Superior St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 305 Superior St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 305 Superior St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 305 Superior St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 313-315 Superior St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 313-315 Superior St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 313-315 Superior St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 314 St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 314 St. W. Not Eligible StDul00404 Dept. Commerce Trade, Specially Store 314 St. W. Not Eligible StDul00404 Dept. Comme	SL-DUL-01238		Commerce/Trade, Business	414 1st St. W.	Not Eligible
StDul.10994   Medical Arts Building	SL-DUL-02373	Soldiers and Sailors Monument		unknown	Listed
SL-DUL-01236 Wath Water & Gas SL-DUL-01236 Water No. Gas SL-DUL-01236 Water No. Gas SL-DUL-01236 Torry Building SL-DUL-012372 St. Louis Country Contribuse SL-DUL-012372 St. Louis Country Countrouse SL-DUL-012372 St. Louis Country Countrouse SL-DUL-02372 St. Louis Country Countrouse SL-DUL-02372 St. Louis Country Countrouse SL-DUL-02373 St. Louis Country Countrouse SL-DUL-03963 Bridge 03722 (Skyway) Transportation, Great-Fleated Nethology SL-DUL-03964 Moore Memoral Building Commerce/Trade, Specialty Store SL-DUL-03939 Alworth Building Commerce/Trade, Specialty Store SL-DUL-03939 Alworth Building Commerce/Trade, Specialty Store SL-DUL-03940 Dutin Common Exchange Commerce/Trade, Specialty Store SL-DUL-03940 Beyce Drug Commerce/Trade, Specialty Store SL-DUL-03951 Unadale Building Commerce/Trade, Professional SL-DUL-03951 Unadale Building Commerce/Trade, Professional SL-DUL-03951 Unadale Building Commerce/Trade, Specialty Store SL-DUL-03951 Unadale Building Commerce/Trade, Specialty Store SL-DUL-03951 Unadale Building SL-DUL-03951 Unadale Building SL-DUL-03951 Unadale Studies SL-DUL-03951 U	SL-DUL-00947	Medical Arts Building	,	324 Superior St. W.	Not Eligible
StDuL-0256   Warehouse   Social, Meeting Hall   408-410 Tast St. W. Not Eligible	SL-DUL-00949	Phoenix Building	Commerce/Trade, Specialty Store	333 Superior St. W.	Not Eligible
SL-DUL-01239	SL-DUL-01236		Social, Meeting Hall	408-410 1st St. W.	Not Eligible
SL-DUL-03872 St. Louis Courthy Courthouse Su-DUL-03883 Bridge 93729 (Skyway)  SL-DUL-03883 Bridge 93729 (Skyway)  SL-DUL-03884 More Memorial Building Commerca/Trade, Specialty Store 312 Superior St. W. Not Eligible  SL-DUL-00898 Alworth Building Commerca/Trade, Specialty Store 325 Superior St. W. Not Eligible  SL-DUL-00898 Alworth Building Commerca/Trade, Specialty Store 326 Superior St. W. Not Eligible  SL-DUL-00894 Dututh Common Exchange Commerca/Trade, Specialty Store 326 Superior St. W. Not Eligible  SL-DUL-00945 Dututh Common Exchange Commerca/Trade, Specialty Store 326 Superior St. W. Not Eligible  SL-DUL-00946 Black Steer Commerca/Trade, Specialty Store 326 Superior St. W. Not Eligible  SL-DUL-00947 Lonsdate Building Commerca/Trade, Specialty Store 325 Superior St. W. Not Eligible  SL-DUL-00948 Slick Steer Commerca/Trade, Professional 319 Superior St. W. Not Eligible  SL-DUL-00949 Loubth City Hall Government, City Hall 132 Superior St. W. Not Eligible  SL-DUL-002040 Dututh City Hall Government, City Hall 132 Superior St. W. Not Eligible  SL-DUL-01237 Dututh City Hall Government, City Hall 132 Superior St. W. Not Eligible  SL-DUL-01234 J.J. Summers Agency Commerce/Trade, Specialty Store 325 Superior St. W. Not Eligible  SL-DUL-01234 Northweat Ball Telephone Commerce/Trade, Specialty Store 325 Superior St. W. Not Eligible  SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store 325 Superior St. W. Not Eligible  SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store 325 Superior St. W. Not Eligible  SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 325 Superior St. W. Not Eligible  SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 326 Superior St. W. Not Eligible  SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 326 Superior St. W. Not Eligible  SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 326 Superior St. W. Not Eligible  SL-DUL-01231 Central Garage  SL-DUL-0232 Commercial Building Commerce/Trade, Specialty Store 326 Super		, ,			Ÿ
SL-DUL-03963 Bridge 93729 (Skyway)  ITransportation, Road-Related (Vehicular)  SL-DUL-00941 More Memorial Building  Commerce/Trade, Specialty Store 32 Superior St. W. Not Eligible  SL-DUL-00399 Alvorth Building  Commerce/Trade, Specialty Store 30 300-310 Superior St. W. Not Eligible  SL-DUL-00399 Alvorth Building  Commerce/Trade, Specialty Store 30 300-310 Superior St. W. Not Eligible  SL-DUL-00390 Dulth Common Exchange  Commerce/Trade, Specialty Store 30 Superior St. W. Not Eligible  SL-DUL-00340 Boyce Dug  Commerce/Trade, Specialty Store 30 Superior St. W. Not Eligible  SL-DUL-00341 Black Steer  Commerce/Trade, Specialty Store 30 Superior St. W. Not Eligible  SL-DUL-00342 Commerce/Trade, Professional 315 Superior St. W. Not Eligible  SL-DUL-003437 Commerce/Trade, Specialty Store 30 Superior St. W. Not Eligible  SL-DUL-00344 Bagley & Company Commerce/Trade, Specialty Store 30 Superior St. W. Not Eligible  SL-DUL-00347 Dututh City Hall Government, City Hall 132 Superior St. W. Not Eligible  SL-DUL-01234 J. J. Summers Agency Commerce/Trade, Specialty Store 313-315 Superior St. W. Not Eligible or Listed  SL-DUL-01234 J. Summers Agency Commerce/Trade, Specialty Store 32 1st St. W. Not Eligible or Listed  SL-DUL-01234 Northwest Bell Telephone Commerce/Trade, Specialty Store 32 1st St. W. Not Eligible Institution  SL-DUL-01233 Northwest Bell Telephone Commerce/Trade, Specialty Store 32 1st St. W. Not Eligible  SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store 32 1st St. W. Not Eligible  SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store 32 2st St. W. Not Eligible  SL-DUL-01230 Commercial Building Commerce/Trade, Specialty Store 32 2st St. W. Not Eligible  SL-DUL-01231 Centra St. St. St. St. St. St. St. St. W. Not Eligible  SL-DUL-01232 Commercial Building Commerce/Trade, Specialty Store 32 33 1st St. W. Listed  SL-DUL-01232 Commercial Building Commerce/Trade, Specialty Store 32 30 30 30 30 30 30 30 30 30 30 30 30 30			, ,		
SL-DUL-09393 single 9572 (sykyway)  Alberta SL-DUL-09395 single 9572 (sykyway)  Alberta SL-DUL-09396 More Memorial Building  SL-DUL-09396 Alworth Building  SL-DUL-09399 Alworth Building  SL-DUL-09399 Alworth Building  SL-DUL-09399 Alworth Building  SL-DUL-09399 Commerce/Trade, Specialty Store  SL-DUL-09390 Alworth Building  SL-DUL-09390 Alworth Building  SL-DUL-09390 Commerce/Trade, Specialty Store  SL-DUL-09390 Soyce Drug  Commerce/Trade, Specialty Store  SL-DUL-09391 Chostale Building  Commerce/Trade, Specialty Store  SL-DUL-09391 Chostale Building  Commerce/Trade, Specialty Store  SL-DUL-09392 Chuth City Hall  Government, City Hall  Government, City Hall  Government, City Hall  SL-DUL-09391 Chuth City Hall  Government, City Hall  SL-DUL-09392 Chuth City Hall  Government, City Hall  SL-DUL-09393 Chuth City Hall  Government, City Hall  SL-DUL-09394 SL-DUL-09394 Store  SL-DUL-09394 Saley & Company  Commerce/Trade, Specialty Store  SL-DUL-09394 SL-DUL-09394 Chuth City Hall  Government, City Hall  Government, City Hall  SL-DUL-09394 SL-DUL-09394 Company  Commerce/Trade, Specialty Store  SL-DUL-09395 Norvest Bank Building  Institution  Commerce/Trade, Specialty Store  SL-DUL-09395 Commercial Building  Commerce/Trade, Specialty Store  SL-DUL-09396 Commercial Building  Commerce/Trade, Specialty Store  SL-DUL-09397 Commercial Building  Commerce/Trade, Specialty Store  SL-DUL-09398 Commercial Building  Commerce/Trade, Specialty Store  SL-DUL-09399 Commercial Building  Commerce/Trade, Specialty Store  SL-DUL-09399 Commercial Building  Commerce/Trade, Specialty Store  SL-DUL-09399 Commercial Building  Commerce/Trade, Specialt	SL-DUL-02372	St. Louis County Courthouse		unknown	Listed
SL-DUL-00946 Commercial building Commerce/Trade, Specialty Store SL-DUL-00939 Alworth Building Commerce/Trade, Specialty Store SL-DUL-00945 Duluth Common Exchange Commerce/Trade, Specialty Store SL-DUL-00940 Beyoe Drug Commerce/Trade, Specialty Store SL-DUL-00940 Black Steer Commerce/Trade, Specialty Store SL-DUL-00940 Black Steer Commerce/Trade, Specialty Store SL-DUL-00044 Black Steer Commerce/Trade, Specialty Store SL-DUL-00045 Duluth City Hall Government, City Hall ISS Superior St. W. Not Eligible SL-DUL-000204 Duluth City Hall Government, City Hall ISS Superior St. W. ISS Superior St. W. Not Eligible SL-DUL-00140 Blagley & Company Commerce/Trade, Specialty Store SL-DUL-01237 Duluth City Hall Government, City Hall ISS Superior St. W. Not Eligible SL-DUL-01234 J.J. Summers Agency Commerce/Trade, Specialty Store SL-DUL-01234 Diluth City Hall Government, City Hall ISS Superior St. W. Not Eligible SL-DUL-01234 Norwest Bank Building Commerce/Trade, Specialty Store SL-DUL-01234 Northwest Bell Telephone Commerce/Trade, Specialty Store SL-DUL-02651 Winthrop Building Commerce/Trade, Specialty Store SL-DUL-02651 Winthrop Building Commerce/Trade, Specialty Store SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store SL-DUL-00219 Commercial building Commerce/Trade, Specialty Store SL-DUL-00219 Commercial building Commerce/Trade, Specialty Store SL-DUL-00220 The Herald Building Commerce/Trade, Specialty Store SL-DUL-00220 The Herald Building Commerce/Trade, Specialty Store SL-DUL-00221 Commercial building Commerce/Trade, Specialty Store SL-DUL-00222 Commercial building Commerce/Trade, Specialty Store SL-DUL-00222 Calgae & Princile Block Commerce/Trade, Specialty Store SL-DUL-00223 Commercial building Commerce/Trade, Specialty Store SL-DUL-00224 Calgae & Princile Block Commerce/Trade, Specialty Store SL-DUL-00225 Commercial Building Commerce/Trade, Specialty Store SL-DUL-00226 Campar & Commerce/Trade, Specialty Store SL-DUL-002277 West Hotel Commerce/Trade, Specialty Store SL-DUL-00225 Commercial Building Comme	SL-DUL-03953	Bridge 93729 (Skyway)		Skyway Bridge	Not Eligible
SL-DUL-00939 Akworth Building CommercelTrade, Specialty Store St. W. Not Eligible SL-DUL-00946 Duluth Common Exchange CommercelTrade, Specialty Store St. W. Not Eligible SL-DUL-00944 Black Steer CommercelTrade, Specialty Store St. W. Not Eligible SL-DUL-00944 Black Steer CommercelTrade, Specialty Store St. W. Not Eligible SL-DUL-00944 Black Steer CommercelTrade, Professional St. Dulut-00045 London Eligible CommercelTrade, Professional St. Dulut-00046 Duluth City Hall Government, City Hall Superior St. W. Not Eligible SL-DUL-000494 Bagley & Company CommercelTrade, Specialty Store St. W. Not Eligible SL-DUL-00140 Duluth City Hall Government, City Hall Superior St. W. Not Eligible SL-DUL-01237 Duluth City Hall Government, City Hall 411 1st St. W. Potentialty Eligible or Listed SL-DUL-01234 J.J. Summers Agency CommercelTrade, Specialty Store St. Duluth City Hall Superior St. W. Not Eligible CommercelTrade, Specialty Store St. Duluth City Hall Superior St. W. Not Eligible CommercelTrade, Specialty Store St. Duluth City Hall Superior St. W. Not Eligible Or Listed St. Duluth City Hall Superior St. W. Not Eligible Or Listed St. Duluth City Hall Superior St. W. Not Eligible CommercelTrade, Specialty Store St. Duluth City Hall St. W. Not Eligible CommercelTrade, Specialty Store St. Duluth City Hall St. W. Not Eligible CommercelTrade, Specialty Store St. Duluth Hardware Company/Smith, Farwell & Steele Building CommercelTrade, Specialty Store St. Duluth Hardware Company/Smith, Farwell & Steele Building CommercelTrade, Specialty Store St. Duluth City Hall St. W. Not Eligible StDuluth City Mall Resident St. Duluth City Mall St. Dul	SL-DUL-00941	Moore Memorial Building	Commerce/Trade, Specialty Store	312 Superior St. W.	Not Eligible
SL-DUL-00945 Duluth Common Exchange Commerce/Trade, Specialty Store St. W. Not Eligible St-DUL-00940 Boyce Drug Commerce/Trade, Specialty Store St. W. Not Eligible St-DUL-00944 Black Steer Commerce/Trade, Professional St. Dulu-00947 Duluth City Hall Government, City Hall 132 Superior St. W. Not Eligible StDUL-00942 Bagley & Company Commerce/Trade, Specialty Store St. Dulut-00942 Bagley & Company Commerce/Trade, Specialty Store St. Dulut-00942 Bagley & Company Commerce/Trade, Specialty Store St. Dulut-01237 Duluth City Hall Government, City Hall 411 Hs St. W. Potentialty Eligible or Listed StDUL-01234 J.J. Summers Agency Commerce/Trade, Specialty Store St. Dulut-01243 J.J. Summers Agency Commerce/Trade, Specialty Store St. Dulut-01233 Northwest Ball Telephone Commerce/Trade, Specialty Store St. Dulut-01233 Northwest Ball Telephone Commerce/Trade, Specialty Store St. Dulut-01233 Commercial building Commerce/Trade, Specialty Store St. Dulut-01230 Commercial building Commerce/Trade, Specialty Store St. Dulut-01230 Commercial building Commerce/Trade, Specialty Store St. W. Not Eligible Company StDulut-01230 Commercial building Commerce/Trade, Specialty Store St. Duluth Hardware Company Smith, Farwell & Institution Steele Building StDulut-01232 Commercial building Commerce/Trade, Specialty Store St. W. Not Eligible StDulut-01232 Commercial building Commerce/Trade, Specialty Store St. W. Not Eligible StDulut-01232 Commercial building Commerce/Trade, Specialty Store St. W. Not Eligible StDulut-01232 Duluth YMCA Recreation and Culture, Sports St. W. Not Eligible StDulut-01232 Commercial building Commerce/Trade, Specialty Store St. W. Not Eligible StDulut-01231 Center St. Watterworth & Fee Block Commerce/Trade, Specialty Store St. W. Not Eligible StDulut-01231 Center St. Watterworth & Fee Block Commerce/Trade, Specialty Store St. W. Not Eligible StDulut-01231 Center St. Watterworth & Fee Block Commerce/Trade, Specialty Store St. W. Not Eligible Center St. Watterworth & Fee Block Commerce/Trade, Spec	SL-DUL-00946	Commercial building	Commerce/Trade, Specialty Store	323 Superior St. W.	Not Eligible
SL-DUL-00940 Boyce Drug Commerce/Trade, Specialty Store SL-DUL-00944 Black Steer Commerce/Trade, Restaurant 319 Superior St. W. Not Eligible Commerce/Trade, Professional SL-DUL-00937 Lonsdale Building Commerce/Trade, Professional St. Dul00040 Duluth City Hall Government, City Hall 132 Superior St. W. Not Eligible SL-DUL-00942 Bagley & Company Commerce/Trade, Specialty Store 313-315 Superior St. W. Not Eligible Duluth City Hall Government, City Hall 132 Superior St. W. Not Eligible SL-DUL-01237 Duluth City Hall Government, City Hall 411 145 St. W. Potentially Eligible or Listed Overnment City Hall 221 St. W. Not Eligible Overnment City Hall 222 St. W. Not Eligible Overnment City Hall 222 St. W. Not Eligible Overnment City Hall 223 St. Duluth City Hall 223 St. Duluth City Hall 224 St. W. Not Eligible Overnment City Hall 225 St. Duluth City Hall 225 St. Dul	SL-DUL-00939	Alworth Building	Commerce/Trade, Specialty Store	306-310 Superior St. W.	Not Eligible
SL-DUL-00944 Black Steer Commerce/Trade, Restaurant 319 Superior St. W. Not Eligible Commerce/Trade, Professional 302 Superior St. W. Not Eligible SL-DUL-00924 Duth City Hall Government, City Hall 132 Superior St. W. Not Eligible SL-DUL-00942 Bagley & Company Commerce/Trade, Specialty Store 313-315 Superior St. W. Not Eligible SL-DUL-01237 Duth City Hall Government, City Hall 411 st. St. W. Potentialty Eligible or Listed SL-DUL-01237 Duth City Hall Government, City Hall 411 st. St. W. Potentialty Eligible or Listed SL-DUL-01234 J.J. Surmers Agency Commerce/Trade, Specialty Store 32 st. St. W. Not Eligible SL-DUL-01234 Northwest Bell Telephone Commerce/Trade, Specialty Store SL-DUL-02651 Winthrop Building Commerce/Trade, Specialty Store Commerce/Trade, Specialty Store SL-DUL-02651 Winthrop Building Commerce/Trade, Specialty Store SL-DUL-02651 Commercial building Commerce/Trade, Specialty Store SL-DUL-02651 Commercial building Commerce/Trade, Specialty Store SL-DUL-02651 Duth Hardware Company/Smith, Farwell & Steele Building Commerce/Trade, Specialty Store SL-DUL-00219 Duth Hardware Company/Smith, Farwell & Steele Building Commerce/Trade, Specialty Store SL-DUL-00220 The Herald Building Commerce/Trade, Specialty Store SL-DUL-00220 The Herald Building Commerce/Trade, Specialty Store SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store SL-DUL-00221 Clague & Prinde Block Commerce/Trade, Specialty Store SL-DUL-00222 Clague & Prinde Block Commerce/Trade, Specialty Store SL-DUL-00222 Clague & Prinde Block Commerce/Trade, Specialty Store SL-DUL-00223 Commercial Building (razed)	SL-DUL-00945	Duluth Common Exchange	Commerce/Trade, Specialty Store	321 Superior St. W.	Not Eligible
SL-DUL-00397   Lonsdale Building   Commerce/Trade, Professional   302 Superior St. W.   Not Eligible   SL-DUL-00204   Bagley & Company   Commerce/Trade, Specialty Store   3.315 Superior St. W.   Not Eligible   SL-DUL-01237   Duluth City Hall   Government, City Hall   411 1st St. W.   Potentialty Eligible or Listed   SL-DUL-01238   J.J. Summers Agency   Commerce/Trade, Specialty Store   322 1st St. W.   Not Eligible   SL-DUL-00218   Norwest Bank Building   Commerce/Trade, Specialty Store   322 1st St. W.   Not Eligible   SL-DUL-01233   Northwest Bell Telephone   Commerce/Trade, Specialty Store   322 1st St. W.   Not Eligible   SL-DUL-01233   Commercial building   Commerce/Trade, Specialty Store   322 1st St. W.   Not Eligible   SL-DUL-01230   Commercial building   Commerce/Trade, Specialty Store   325-333 1st St. W   Listed   SL-DUL-01230   Commercial building   Commerce/Trade, Specialty Store   341 1st St. W.   Not Eligible   SL-DUL-00938   Commercial building   Commerce/Trade, Specialty Store   333-305 Superior St. W.   Not Eligible   SL-DUL-00219   Company/Smith, Farwell & Steele Building   Commerce/Trade, Specialty Store   222 Superior St. W.   Not Eligible   SL-DUL-00220   The Herald Building   Commerce/Trade, Specialty Store   220 Superior St. W.   Not Eligible   SL-DUL-01232   Commercial building   Commerce/Trade, Specialty Store   220 Superior St. W.   Not Eligible   SL-DUL-01232   Commercial building   Commerce/Trade, Specialty Store   220 Superior St. W.   Not Eligible   SL-DUL-01232   Commercial building   Commerce/Trade, Specialty Store   231-323 1st St. W.   Not Eligible   SL-DUL-00221   Watterworth & Fee Block   Commerce/Trade, Specialty Store   218 Superior St. W.   Not Eligible   SL-DUL-01231   Central Garage   Recreation and Culture, Sports   218 Superior St. W.   Not Eligible   SL-DUL-0223   Commercial Building (razed)   Commerce/Trade, Specialty Store   214 Superior St. W.   Not Eligible   SL-DUL-02770   Duluth Transit Center - Skyway   Secretation and Culture, Sports   214 Superior St. W.		, ,			9
SL-DUL-00204 Duluth City Hall Government, City Hall 132 Superior St. E. Listed SL-DUL-00942 Bagley & Company Commerce/Trade, Specialty Store 313-315 Superior St. W. Not Eligible SL-DUL-01237 Duluth City Hall Government, City Hall 411 Ist St. W. Not Eligible SL-DUL-01234 J.J. Summers Agency Commerce/Trade, Specialty Store 322 1st St. W. Not Eligible SL-DUL-00218 Norwest Bank Building Commerce/Trade, Specialty Store 322 1st St. W. Not Eligible SL-DUL-01233 Northwest Bell Telephone Commerce/Trade, Specialty Store Company Commerce/Trade, Specialty Store 322 1st St. W. Not Eligible SL-DUL-02651 Winthrop Building Commerce/Trade, Specialty Store 325-333 1st St. W Listed SL-DUL-02651 Winthrop Building Commerce/Trade, Specialty Store 314 1st St. W. Not Eligible SL-DUL-00130 Commercial building Commerce/Trade, Specialty Store 303-305 Superior St. W. Not Eligible SL-DUL-00219 Duluth Hardware Company/Smith, Farwell & Commerce/Trade, Specialty Store 222 Superior St. W. Not Eligible SL-DUL-00220 The Harat Building Commerce/Trade, Specialty Store 322 Superior St. W. Not Eligible SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 323-33 1st St. W. Listed SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 324-323 1st St. W. Listed SL-DUL-01232 Duluth YMCA Receiton and Culture, Sports 521-323 1st St. W. Not Eligible SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store 218 Superior St. W. Not Eligible SL-DUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store 216 Superior St. W. Not Eligible SL-DUL-02770 Duluth Transit Center - Skyway Entlance SL-DUL-00233 Commercial Building (razed) Commerce/Trade, Specialty Store 214 Superior St. W. Not Eligible SL-DUL-00234 Commercial Building (razed) Commerce/Trade, Specialty Store 214 Superior St. W. Not Eligible SL-DUL-00235 Commercial building Commerce/Trade, Specialty Store 209 Superior St. W. Not Eligible SL-DUL-00244 Commercial building Commerce/Trade, Specialty Store 209 Superior St. W. Not Eligible SL-DUL-00255 Commercial building C			. ,		·
SL-DUL-00942 Bagley & Company Commerce/Trade, Specialty Store SL-DUL-01237 Duluth City Hall Government, City Hall 411 1st St. W. Potentially Eligible or Listed SL-DUL-01234 J.J. Summers Agency Commerce/Trade, Specialty Store SL-DUL-00218 Norwest Bank Building Institution Institution Company Company Commerce/Trade, Specialty Store SL-DUL-01233 Company Commerce/Trade, Specialty Store SL-DUL-01233 Commercial building Commerce/Trade, Specialty Store SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store SL-DUL-00938 Commercial building Commerce/Trade, Specialty Store SL-DUL-00219 Commercial building Commerce/Trade, Specialty Store Company/Smith, Famell & Steele Building Commerce/Trade, Specialty Store SL-DUL-00220 The Herald Building Commerce/Trade, Specialty Store SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store SL-DUL-00221 Waterworth & Fee Block Commerce/Trade, Specialty Store SL-DUL-00221 Clague & Prindle Block Commerce/Trade, Specialty Store SL-DUL-00221 Clague & Prindle Block Commerce/Trade, Specialty Store SL-DUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store SL-DUL-00223 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-00223 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-00223 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store SL-DUL-00226 Commercial building Commerce/Trade, Specialty Store SL-DUL-00226 Commercial building Commerce/Trade, Specialty Store SL-DUL-00226 Commercial building Commerce/Trade, Specialty		ŭ			ŭ
SL-DUL-01237 Duluth City Hail Government, City Hail 411 1st St. W. Potentially Eligible or Listed SL-DUL-01234 J.J. Summers Agency Commerce/Trade, Specialty Store SL-DUL-00218 Norwest Bank Building Commerce/Trade, Financial Institution SL-DUL-01233 Commerce/Trade, Specialty Store SL-DUL-01233 Commercial building Commerce/Trade, Specialty Store SL-DUL-02651 Winthrop Building Commerce/Trade, Specialty Store SL-DUL-02652 Commercial building Commerce/Trade, Specialty Store SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store SL-DUL-00130 Commercial building Commerce/Trade, Specialty Store SL-DUL-00219 Duluth Hardware Company/Smith, Farwell & Steele Building Commerce/Trade, Financial Institution SL-DUL-00219 The Herald Building Commerce/Trade, Specialty Store SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store SL-DUL-01232 Duluth YMCA Recreation and Culture, Sports Facility SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store SL-DUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility SL-DUL-02770 Dutth Transit Authority (DTA) Transit Centrer - Skyway Entities SL-DUL-02770 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-02771 Ace Hardware Commerce/Trade, Specialty Store SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-0224 Commercial building Commerce/Trade, Specialty Store SL-DUL-0225 Commercial building Commerce/Trade, Specialty Store SL-DUL-0226 Commercial building Commerce/Trade, Specialty Store SL-DUL-02277 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-0224 Commercial building Commerce/Trade, Specialty Store SL-DUL-0224 Commercial building Commerce/Trade, Speci			, <b>,</b>		
SL-DUL-01234 J.J. Summers Agency Commerce/Trade, Specialty Store 322 1st St. W. Not Eligible SL-DUL-0218 Norwest Bank Building Commerce/Trade, Financial Institution SL-DUL-01233 Northwest Bell Telephone Company Commerce/Trade, Specialty Store 322 1st St. W. Not Eligible SL-DUL-02661 Winthrop Building Commerce/Trade, Specialty Store 325-333 1st St. W Listed SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store 325-333 1st St. W Listed SL-DUL-00938 Commercial building Commerce/Trade, Specialty Store 303-305 Superior St. W. Not Eligible SL-DUL-00219 Duluth Hardware Company/Smith, Farwell & Steele Building Institution Commerce/Trade, Specialty Store 303-305 Superior St. W. Not Eligible SL-DUL-00220 The Herald Building Commerce/Trade, Specialty Store 321-323 1st St. W. Not Eligible SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 321-323 1st St. W. Listed SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 321-323 1st St. W. Not Eligible SL-DUL-01228 Duluth YMCA Recreation and Culture, Sports Facility Store 321-323 1st St. W. Not Eligible SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store 218 Superior St. W. Not Eligible SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility Store 216 Superior St. W. Not Eligible SL-DUL-02770 Duluth Transit Authority (DTA) Transit Centrer - Skyway Entrance SL-DUL-02770 Commercial Building (razed) Commerce/Trade, Specialty Store 214 Superior St. W. Not Eligible SL-DUL-02771 Ace Hardware Commerce/Trade, Specialty Store 212 Superior St. W. Not Eligible SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-0225 Commercial building Commerce/Trade, Specialty Store 212 Superior St. W. Not Eligible SL-DUL-02277 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-0224 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-0225 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-0224 Commercial building Com		3 , , ,		·	<u> </u>
SL-DUL-00218 Norwest Bank Building Institution SL-DUL-01233 Northwest Bell Telephone Commerce/Trade, Specialty Store 322 1st St. W. Not Eligible SL-DUL-02651 Winthrop Building Commerce/Trade, Specialty Store 325-333 1st St. W Listed SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store 315-333 1st St. W Listed SL-DUL-0038 Commercial building Commerce/Trade, Specialty Store 315-333 1st St. W Not Eligible SL-DUL-0038 Commercial building Commerce/Trade, Specialty Store 310-305 Superior St. W. Not Eligible SL-DUL-00219 Commercial building Commerce/Trade, Specialty Store 220 Superior St. W. Not Eligible SL-DUL-00220 The Herald Building Commerce/Trade, Specialty Store 321-323 1st St. W. Not Eligible SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 321-323 1st St. W. Not Eligible SL-DUL-01228 Duluth YMCA Recreation and Culture, Sports 321-323 1st St. W. Not Eligible SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store 216 Superior St. W. Not Eligible SL-DUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store 216 Superior St. W. Not Eligible SL-DUL-01231 Central Garage Recreation and Culture, Sports 315 1st St. W. Not Eligible SL-DUL-02770 Transit Authority (DTA) Transit Center - Skyway Entrance SL-DUL-00223 Commercial Building (razed) Commerce/Trade, Specialty Store 214 Superior St. W. Not Eligible SL-DUL-0036 Lyric Block Commerce/Trade, Specialty Store 212 Superior St. W. Not Eligible SL-DUL-0036 Lyric Block Commerce/Trade, Specialty Store 212 Superior St. W. Not Eligible SL-DUL-00377 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-00377 Commercial building Commerce/Trade, Specialty Store 210 Superior St. W. Not Eligible SL-DUL-0036 Lyric Block Commerce/Trade, Specialty Store 200 Superior St. W. Not Eligible SL-DUL-00325 Commercial building Commerce/Trade, Specialty Store 200 Superior St. W. Not Eligible SL-DUL-00324 Commercial building Commerce/Trade, Specialty Store 210-212 Superior St. W. Not Eligible		Duluth City Hall	Government, City Hall	411 1st St. W.	Potentially Eligible or Listed
SL-DUL-01233 Northwest Bell Telephone Commerce/Trade, Specialty Store SL-DUL-01233 Northwest Bell Telephone Commerce/Trade, Specialty Store SL-DUL-02651 Winthrop Building Commerce/Trade, Specialty Store SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store SL-DUL-00938 Commercial building Commerce/Trade, Specialty Store SL-DUL-00219 Company/Smith, Farwell & Steele Building Commerce/Trade, Financial Institution Steele Building Commerce/Trade, Specialty Store SL-DUL-00220 The Herald Building Commerce/Trade, Specialty Store SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store SL-DUL-01232 Dulluth YMCA Recreation and Culture, Sports Facility SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store SL-DUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility SL-DUL-02770 Transit Center - Skyway Entrance SL-DUL-00223 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-00223 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-00234 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-002770 West Hotel Commerce/Trade, Specialty Store SL-DUL-002772 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-002772 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store SL-DUL-00225 Commercial building Commerce/Trade,	SL-DUL-01234	J.J. Summers Agency		322 1st St. W.	Not Eligible
SL-DUL-02651 Winthrop Building Commerce/Trade, Specialty Store 3.22 ist St. W. Not Eligible SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store 31.4 ist St. W. Not Eligible SL-DUL-0038 Commercial building Commerce/Trade, Specialty Store 31.4 ist St. W. Not Eligible SL-DUL-00219 Company/Smith, Farwell & Steele Building Commerce/Trade, Financial Institution SL-DUL-00219 The Herald Building Commerce/Trade, Specialty Store 220 Superior St. W. Not Eligible SL-DUL-00220 The Herald Building Commerce/Trade, Specialty Store 32.1-32.3 ist St. W. Not Eligible SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 32.1-32.3 ist St. W. Listed SL-DUL-01232 Duluth YMCA Recreation and Culture, Sports Facility SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store 218 Superior St. W. Not Eligible SL-DUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store 218 Superior St. W. Not Eligible SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility SL-DUL-02770 Transit Center - Skyway Entrance SL-DUL-02770 Commercial Building (razed) Commerce/Trade, Specialty Store 214 Superior St. W. Not Eligible SL-DUL-02771 Ace Hardware Commerce/Trade, Specialty Store 214 Superior St. W. Not Eligible SL-DUL-002772 West Hotel Domestic, Hotel 20 Superior St. W. Not Eligible SL-DUL-002772 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 20 Superior St. W. Not Eligible SL-DUL-00226 Commercial building Commerce/Trade, Specialty Store 20 Superior St. W. Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 20 Superior St. W. Not Eligible SL-DUL-00226 Commercial building Commerce/Trade, Specialty Store 20 Superior St. W. Not Eligible SL-DUL-00226 Commercial building Commerce/Trade, Specialty Store 20 Superior St. W. Not Eligible	SL-DUL-00218	· ·		230 Superior St. W.	Not Eligible
SL-DUL-01230 Commercial building Commerce/Trade, Specialty Store SL-DUL-00938 Commercial building Commerce/Trade, Specialty Store SL-DUL-00219 Company/Smith, Farwell & Institution Steele Building Commerce/Trade, Financial Institution Steele Building Commerce/Trade, Specialty Store Steele StDUL-01232 Commercial building Commerce/Trade, Specialty Store StDUL-01228 Duluth YMCA Recreation and Culture, Sports Facility Store StDUL-01221 Watterworth & Fee Block Commerce/Trade, Specialty Store StDUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store StDUL-01231 Central Garage Recreation and Culture, Sports Facility StDUL-01231 Central Garage Recreation and Culture, Sports Facility StDUL-02770 Transit Authority (DTA) Transit Center - Skyway Entrance StDUL-02771 Ace Hardware Commerce/Trade, Specialty Store StW. Not Eligible StDUL-02771 Ace Hardware Commerce/Trade, Specialty Store StW. Not Eligible StDUL-02772 West Hotel Domestic, Hotel 210 Superior StW. Not Eligible StDUL-0225 Commercial building Commerce/Trade, Specialty Store StW. Not Eligible StDUL-0225 Commercial building Commerce/Trade, Specialty Store StW. Not Eligible StDUL-0225 Commercial building Commerce/Trade, Specialty Store StW. Not Eligible StDUL-02224 Commercial building Commerce/Trade, Specialty Store StW. Not Eligible StDUL-02224 Commercial building Commerce/Trade, Specialty Store StW. Not Eligible StDUL-02224 Commercial building Commerce/Trade, Specialty Store StW. Not Eligible StDUL-02224 Commercial building Commerce/Trade, Specialty Store StW. Not Eligible StDUL-02224 Commercial building Commerce/Trade, Specialty Store StW. Not Eligible StDUL-02224 Commercial building Commerce/Trade, Specialty Store	SL-DUL-01233		Commerce/Trade, Specialty Store	322 1st St. W.	Not Eligible
SL-DUL-00938 Commercial building Commerce/Trade, Specialty Store SL-DUL-00219 Company/Smith, Farwell & Steele Building Commerce/Trade, Specialty Store Institution SL-DUL-00220 The Herald Building Commerce/Trade, Specialty Store SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store SL-DUL-01232 Duluth YMCA Recreation and Culture, Sports Facility SL-DUL-01228 Duluth YMCA Recreation and Culture, Sports Facility Store SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility SL-DUL-02770 Transit Center - Skyway Enthance Government, Government Office SL-DUL-0223 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-0223 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-0036 Lyric Block Commerce/Trade, Specialty Store SL-DUL-0036 Lyric Block Commerce/Trade, Specialty Store SL-DUL-00377 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-00277 West Hotel Commerce/Trade, Specialty Store SL-DUL-00277 West Hotel Commerce/Trade, Specialty Store SL-DUL-00275 Commercial building Commerce/Trade, Specialty Store SL-DUL-00275 Commercial building Commerce/Trade, Specialty Store SL-DUL-00225 Commercial building Commerce/Trade, S	SL-DUL-02651	Winthrop Building	Commerce/Trade, Specialty Store	325-333 1st St. W	Listed
SL-DUL-00219 Duluth Hardware Company/Smith, Farwell & Steele Building SL-DUL-00220 The Herald Building Commerce/Trade, Specialty Store 220 Superior St. W. Not Eligible SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 321-323 1st St. W. Listed SL-DUL-01228 Duluth YMCA Recreation and Culture, Sports Facility SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store 218 Superior St. W. Not Eligible SL-DUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store 216 Superior St. W. Not Eligible SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility SL-DUL-02770 Duluth Transit Authority (DTA) Transit Center - Skyway Entrance SL-DUL-0223 Commercial Building (razed) Commerce/Trade, Specialty Store 214 Superior St. W. Not Eligible SL-DUL-02771 Ace Hardware Commerce/Trade, Specialty Store 214 Superior St. W. Not Eligible SL-DUL-00936 Lyric Block Commerce/Trade, Specialty Store 212 Superior St. W. Not Eligible SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 209 Superior St. W. Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-00226 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible	SL-DUL-01230	Commercial building	Commerce/Trade, Specialty Store	314 1st St. W.	Not Eligible
SL-DUL-00220 Commercial building Commerce/Trade, Specialty Store 220 Superior St. W. Not Eligible SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store 321-323 1st St. W. Listed SL-DUL-01228 Duluth YMCA Recreation and Culture, Sports Facility 302 1st St. W. Not Eligible SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store 218 Superior St. W. Not Eligible SL-DUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store 216 Superior St. W. Not Eligible SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility 315 1st St. W. Listed SL-DUL-02770 Duluth Transit Authority (DTA) Transit Center - Skyway Entrance SL-DUL-0223 Commercial Building (razed) Commerce/Trade, Specialty Store 214 Superior St. W. Not Eligible SL-DUL-02771 Ace Hardware Commerce/Trade, Specialty Store 212 Superior St. W. Not Eligible SL-DUL-00366 Lyric Block Commerce/Trade, Specialty Store 212 Superior St. W. Not Eligible SL-DUL-002772 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 209 Superior St. W. Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 209 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 210-212 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 210-212 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 210-212 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 210-212 Superior St. W. Not Eligible	SL-DUL-00938	· ·	Commerce/Trade, Specialty Store	303-305 Superior St. W.	Not Eligible
SL-DUL-01232 Commercial building Commerce/Trade, Specialty Store SL-DUL-01228 Duluth YMCA Recreation and Culture, Sports Facility Store SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store SL-DUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility Store SL-DUL-02770 Transit Center - Skyway Entrance SL-DUL-0223 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-0223 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-02771 Ace Hardware Commerce/Trade, Specialty Store SL-DUL-00366 Lyric Block Commerce/Trade, Specialty Store SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store SL-DUL-0225 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store SL-DUL-0225 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store SL-DUL-0225 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store SL-DUL-0225 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store SL-DUL-0225 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store SL-DUL-0225 Superior St. W. Not Eligible SL-DUL-00224 Superior St. W. Not Eligible SL-DUL-00224 Superior St. W. Not Eligible SL-DUL-00225 Superior St	SL-DUL-00219	Company/Smith, Farwell &	· · · · · · · · · · · · · · · · · · ·	222 Superior St. W.	Not Eligible
SL-DUL-01228  Duluth YMCA  Recreation and Culture, Sports Facility  SL-DUL-00221  Watterworth & Fee Block  Commerce/Trade, Specialty Store  SL-DUL-00222  Clague & Prindle Block  Commerce/Trade, Specialty Store  SL-DUL-01231  Central Garage  Recreation and Culture, Sports Facility  SL-DUL-01231  Central Garage  Recreation and Culture, Sports Facility  SL-DUL-02770  Duluth Transit Authority (DTA) Transit Center - Skyway Entrance  SL-DUL-00223  Commercial Building (razed)  Commerce/Trade, Specialty Store  SL-DUL-02771  Ace Hardware  Commerce/Trade, Specialty Store  SL-DUL-00936  Lyric Block  Commerce/Trade, Specialty Store  Commerce/Trade, Specialty Store  SL-DUL-002772  West Hotel  Domestic, Hotel  SL-DUL-00224  Commercial building  Commerce/Trade, Specialty Store  208 Superior St. W.  Not Eligible  Not Eligible  Not Eligible  Commerce/Trade, Specialty Store  SL-DUL-00225  Commercial building  Commerce/Trade, Specialty Store  SL-DUL-00224  Commercial building  Commerce/Trade, Specialty Store  208 Superior St. W.  Not Eligible  Commerce/Trade, Specialty Store  208 Superior St. W.  Not Eligible  Commerce/Trade, Specialty Store  SL-DUL-00225  Commercial building  Commerce/Trade, Specialty Store  Commerce/Trade, Specialty Store  SL-DUL-00224  Commercial building  Commerce/Trade, Specialty Store  Commerce/	SL-DUL-00220	The Herald Building	Commerce/Trade, Specialty Store	220 Superior St. W.	Not Eligible
SL-DUL-00221 Watterworth & Fee Block Commerce/Trade, Specialty Store 218 Superior St. W. Not Eligible  SL-DUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store 216 Superior St. W. Not Eligible  SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility  SL-DUL-02770 Duluth Transit Authority (DTA) Transit Center - Skyway Entrance  SL-DUL-0223 Commercial Building (razed) Commerce/Trade, Specialty Store 214 Superior St. W. Not Eligible  SL-DUL-02771 Ace Hardware Commerce/Trade, Specialty Store 212 Superior St. W. Not Eligible  SL-DUL-00936 Lyric Block Commerce/Trade, Specialty Store 209 Superior St. W. Not Eligible  SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible  SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible  SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible  SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible	SL-DUL-01232	Commercial building	Commerce/Trade, Specialty Store	321-323 1st St. W.	Listed
SL-DUL-00222 Clague & Prindle Block Commerce/Trade, Specialty Store SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility SL-DUL-02770 Duluth Transit Authority (DTA) Transit Center - Skyway Entrance SL-DUL-00223 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-02771 Ace Hardware Commerce/Trade, Specialty Store SL-DUL-0036 Lyric Block Commerce/Trade, Specialty Store SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 209 Superior St. W. Not Eligible SL-DUL-00226 Commercial building Commerce/Trade, Specialty Store 209 Superior St. W. Not Eligible SL-DUL-00226 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 210-212 Superior St. W. Not Eligible	SL-DUL-01228	Duluth YMCA	· · · · · · · · · · · · · · · · · · ·	302 1st St. W.	Not Eligible
SL-DUL-01231 Central Garage Recreation and Culture, Sports Facility  SL-DUL-02770 Duluth Transit Authority (DTA) Transit Center - Skyway Entrance  SL-DUL-00223 Commercial Building (razed) Commerce/Trade, Specialty Store 214 Superior St. W. Not Eligible  SL-DUL-02771 Ace Hardware Commerce/Trade, Specialty Store 212 Superior St. W. Not Eligible  SL-DUL-00936 Lyric Block Commerce/Trade, Specialty Store 209 Superior St. W. Not Eligible  SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W. Not Eligible  SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible  SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible  SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible	SL-DUL-00221	Watterworth & Fee Block	Commerce/Trade, Specialty Store	218 Superior St. W.	Not Eligible
SL-DUL-02770 Duluth Transit Authority (DTA) Transit Center - Skyway Entrance SL-DUL-0223 Commercial Building (razed) Commerce/Trade, Specialty Store SL-DUL-02771 Ace Hardware Commerce/Trade, Specialty Store SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 209 Superior St. W Not Eligible SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W Not Eligible	SL-DUL-00222	Clague & Prindle Block	Commerce/Trade, Specialty Store	216 Superior St. W.	Not Eligible
Duluth Transit Authority (DTA) Transit Center - Skyway Entrance  SL-DUL-00223  Commercial Building (razed)  Commerce/Trade, Specialty Store  SL-DUL-02771  Ace Hardware  Commerce/Trade, Specialty Store  SL-DUL-00936  Lyric Block  Commerce/Trade, Specialty Store  SL-DUL-02772  West Hotel  Domestic, Hotel  SL-DUL-00225  Commercial building  Commerce/Trade, Specialty Store  212 Superior St. W  Not Eligible  Not Eligible  SL-DUL-02772  West Hotel  Domestic, Hotel  SL-DUL-00225  Commercial building  Commerce/Trade, Specialty Store  208 Superior St. W  Not Eligible  SL-DUL-00224  Commercial building  Commerce/Trade, Specialty Store  208 Superior St. W  Not Eligible  SL-DUL-00224  Commercial building  Commerce/Trade, Specialty Store  210-212 Superior St. W  Not Eligible	SL-DUL-01231	Central Garage	· ·	315 1st St. W.	Listed
SL-DUL-02771 Ace Hardware Commerce/Trade, Specialty Store 212 Superior St. W Not Eligible  SL-DUL-00936 Lyric Block Commerce/Trade, Specialty Store 209 Superior St. W. Not Eligible  SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W Not Eligible  SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible  SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 210-212 Superior St. W. Not Eligible	SL-DUL-02770	Transit Center - Skyway	-	214 Superior St. W	Not Eligible
SL-DUL-00936 Lyric Block Commerce/Trade, Specialty Store 209 Superior St. W. Not Eligible SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 210-212 Superior St. W. Not Eligible	SL-DUL-00223		Commerce/Trade, Specialty Store	214 Superior St. W.	Not Eligible
SL-DUL-02772 West Hotel Domestic, Hotel 210 Superior St. W Not Eligible SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 210-212 Superior St. W. Not Eligible	SL-DUL-02771	Ace Hardware	Commerce/Trade, Specialty Store	212 Superior St. W	Not Eligible
SL-DUL-00225 Commercial building Commerce/Trade, Specialty Store 208 Superior St. W. Not Eligible SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 210-212 Superior St. W. Not Eligible	SL-DUL-00936	Lyric Block	Commerce/Trade, Specialty Store	209 Superior St. W.	Not Eligible
SL-DUL-00224 Commercial building Commerce/Trade, Specialty Store 210-212 Superior St. W. Not Eligible	SL-DUL-02772	West Hotel	Domestic, Hotel	210 Superior St. W	Not Eligible
	SL-DUL-00225	Commercial building	Commerce/Trade, Specialty Store	208 Superior St. W.	Not Eligible
SL-DUL-01229 Elk's Club-Court house bldg Commerce/Trade, Specialty Store 309-311 1st St. W. Listed	SL-DUL-00224	Commercial building	Commerce/Trade, Specialty Store	210-212 Superior St. W.	Not Eligible
	SL-DUL-01229	Elk's Club-Court house bldg	Commerce/Trade, Specialty Store	309-311 1st St. W.	Listed

School-1922	Resource No.	Name	Resource Type	Address/Location	NRHP Eligibility
SLDUL-01277   Subbood Bruiding					
StDul00074   Commercial building			,		
SL-DUL-02073   Commercial building   Commerce/Trade, Specially Store   22-224 tst St. W.   Not Eligible	SL-DUL-00227	Sellwood Building	Commerce/Trade, Specialty Store	202 Superior St. W.	Not Eligible
SL-DUL-02693 Bridge 92849 Name Place Transportation, Road-Related April Mericalari Commerced Trade, Financial 130 Superior St. W. Not Eligible SL-DUL-02185 First Bank Place (Commerced Trade, Financial 130 Superior St. W. Not Eligible SL-DUL-02192 User Designation of the Place of St. Place St. W. St. Place St. Place St. Place St. W. St. Place St. Place St. Place St. Place St. W. St. Place St. Pla	SL-DUL-00074	Commercial building	Commerce/Trade, Specialty Store	226-232 1st St. W.	Not Eligible
SE-LUL-12203 of thigs sudder (Netheilular) (	SL-DUL-00073	Commercial building		222-224 1st St. W.	Not Eligible
SE-DUL-1018	SL-DUL-02503	Bridge 92849		, , ,	Not Eligible
SL-DUL-00068 Salvation Army Commerce	SL-DUL-00185	First Bank Place	7	130 Superior St. W.	Not Eligible
SL-DUL-01244 La Tourneau Printing Company Commerce/Trade, Specialty Store 219-221 1st St. W. Listed SL-DUL-01283 Armstead Building Commerce/Trade, Specialty Store 27 1st St. W. Listed SL-DUL-01293 Armstead Building Commerce/Trade, Specialty Store 27 1st St. W. Listed SL-DUL-01293 Armstead Building Commerce/Trade, Specialty Store 27 1st St. W. Listed SL-DUL-00934 Commerce/Trade, Specialty Store 27 1st St. W. Not Eligible SL-DUL-00935 First Bank Place Commerce/Trade, Specialty Store 118 Superior St. W. Not Eligible SL-DUL-00186 Shope Store Division Commerce/Trade, Specialty Store 114 Superior St. W. Not Eligible SL-DUL-00188 Shope Store Commerce/Trade, Specialty Store 114 Superior St. W. Not Eligible Shope Store Store Shope Store	SL-DUL-01226	Wolvin Building	Commerce/Trade, Specialty Store	225-231 1st St. W.	Listed
SL-DUL-00188 commercial building Saw Mill SL-DUL-01223 Amstead Building Commerce/Trade, Specialty Store 217 1st St. W. Listed SL-DUL-00334 Commercial building Commerce/Trade, Specialty Store 217 1st St. W. Listed SL-DUL-00035 First Bank Place Commerce/Trade, Specialty Store 18 Superior St. W. Not Eligible SL-DUL-00036 Commerce Drive-In Institution Inst	SL-DUL-00068	Salvation Army	Commerce	118 North 3rd Ave. W.	Not Eligible
SL-DUL-01223 Amstead Building CommercelTrade, Specialty Store 12 Superior St. W. Not Eligible  SL-DUL-02034 Commercial building CommercelTrade, Specialty Store 18 Superior St. W. Not Eligible  SL-DUL-02036 First Bank Place CommercelTrade, Specialty Store 18 Superior St. W. Not Eligible  SL-DUL-02036 Commercial building CommercelTrade, Specialty Store 18 Superior St. W. Not Eligible  SL-DUL-02036 Commercial building Swort Shoes  SL-DUL-01241 Central Club Café CommercelTrade, Specialty Store 11 Superior St. W. Not Eligible  SL-DUL-01224 Central Club Café CommercelTrade, Specialty Store 125-127 Superior St. W. Not Eligible  SL-DUL-01225 Commercial building CommercelTrade, Specialty Store 125-127 Superior St. W. Not Eligible  SL-DUL-01389 F.W. Wookvorth CommercelTrade, Specialty Store 125-127 Superior St. W. Not Eligible  SL-DUL-00159 Walgreen's Drug Store CommercelTrade, Specialty Store 12 Superior St. W. Not Eligible  SL-DUL-00155 Walgreen's Drug Store CommercelTrade, Specialty Store 12 Superior St. W. Not Eligible  SL-DUL-00159 George Gray Department Store CommercelTrade, Specialty Store 12 Superior St. W. Not Eligible  SL-DUL-01219 Altman Clothing CommercelTrade, Specialty Store 122 North 3rd Ave. W. Not Eligible  SL-DUL-01219 Altman Clothing CommercelTrade, Specialty Store 122 North 3rd Ave. W. Not Eligible  SL-DUL-0159 George Gray Department Store Superior St. W. Not Eligible  SL-DUL-01619 Altman Clothing CommercelTrade, Specialty Store 122 North 3rd Ave. W. Not Eligible  SL-DUL-00150 George Gray Department Store Superior St. W. Not Eligible  SL-DUL-00150 Farating ramp (Nonoxtan) CommercelTrade, Specialty Store 11 St. Superior St. W. Not Eligible  SL-DUL-00150 Farating ramp (Nonoxtan) CommercelTrade, Specialty Store 11 St. Superior St. W. Not Eligible  SL-DUL-00231 Parking ramp (Nonoxtan) CommercelTrade, Specialty Store 120 Superior St. W. Not Eligible  SL-DUL-00231 Parking ramp (Nonoxtan) CommercelTrade, Specialty Store 190 Superior St. W. Not Eligible  SL-DUL-00230 Commercial building CommercelTrade, Specia	SL-DUL-01224	LeTourneau Printing Company	Commerce/Trade, Specialty Store	219-221 1st St. W.	Listed
SL-DUL-00934 Commercial building Commerce/Trade, Specialty Store SL-DUL-00935 First Bank Place	SL-DUL-00186	<u> </u>	Commerce/Trade, Specialty Store	120 Superior St. W.	Not Eligible
SL-DUL-00935 First Bank Place Commerced Prade, Financial Institution (Commerce Drive) Institution (Comm	SL-DUL-01223	Armstead Building	Commerce/Trade, Specialty Store	217 1st St. W.	Listed
SL-DUL-02006 Northwestern Bank of Commerce Trade, Financial Institution Structure Stru	SL-DUL-00934	Commercial building	Commerce/Trade, Specialty Store	118 Superior St. W.	Not Eligible
Scholure   Commerce   Private   Survey   Surve	SL-DUL-00935	First Bank Place	Institution	131 Superior St. W.	Not Eligible
SL-DUL-00188   Commercial building - Swor Shoes   Commerce/Trade, Specialty Store   14 Superior St. W.   Listed   SL-DUL-00129   F.W. Woolworth   Commerce/Trade, Specialty Store   125-127 Superior St. W.   Not Eligible   SL-DUL-00159   F.W. Woolworth   Commerce/Trade, Specialty Store   104-100 Superior St. W.   Not Eligible   SL-DUL-00155   Walgreen's Drug Store   Commerce/Trade, Specialty Store   123 Superior St. W.   Not Eligible   SL-DUL-00155   Walgreen's Drug Store   Commerce/Trade, Specialty Store   123 Superior St. W.   Not Eligible   SL-DUL-00069   Peter Pan Cleaners   Commerce/Trade, Specialty Store   121 Superior St. W.   Not Eligible   SL-DUL-00120   Gilbert Building   Commerce/Trade, Specialty Store   122 North 3rd Ave. W.   Not Eligible   SL-DUL-011210   Altman Clothing   Commerce/Trade, Specialty Store   209-211 tst. W.   Listed   SL-DUL-00156   George Gray Department Store   Commerce/Trade, Specialty Store   201-207 tst. W.   Not Eligible   SL-DUL-00156   George Gray Department Store   Commerce/Trade, Specialty Store   201-207 tst. W.   Not Eligible   SL-DUL-00150   Harbor Building   Commerce/Trade, Specialty Store   201-207 tst. W.   Not Eligible   SL-DUL-00151   Rarbor Building   Commerce/Trade, Specialty Store   122 Superior St. W.   Not Eligible   SL-DUL-00231   Parking ramp (Nonextant)   Commerce/Trade, Specialty Store   122 Superior St. W.   Not Eligible   SL-DUL-00071   Natchios Greek Restaurant   Commerce/Trade, Restaurant   109 North 2nd Ave. W.   Not Eligible   SL-DUL-00070   Leone's Cleaners and Tailors   Commerce/Trade, Specialty Store   150 North 2nd Ave. W.   Listed   SL-DUL-00230   Commercial building   Commerce/Trade, Specialty Store   150 North 2nd Ave. W.   Listed   SL-DUL-00230   Commercial building   Commerce/Trade, Business   131 tst St. W.   Listed   SL-DUL-00230   Commercial building   Commerce/Trade, Specialty Store   105 Superior St. W.   Not Eligible   SL-DUL-00230   Commercial building   Commerce/Trade, Specialty Store   105 Superior St. W.   Not Eligible   SL-DUL-00230	SL-DUL-02006		Commerce/Trade, Financial	23 North 2nd Ave. W.	Not Eligible
SL-DUL-00228 Commercial building Commerce/Trade, Specialty Store 125-127 Superior St. W. Not Eligible SL-DUL-00189 F.W. Wookworth Commerce/Trade, Specialty Store 104-106 Superior St. W. Not Eligible SL-DUL-00154 Gately Store Commerce/Trade, Specialty Store 123 Superior St. W. Not Eligible SL-DUL-00155 Walgreen's Drug Store Commerce/Trade, Specialty Store 121 Superior St. W. Not Eligible SL-DUL-00089 Peter Pan Cleaners Commerce/Trade, Specialty Store 122 North 3rd Ave. W. Not Eligible SL-DUL-01220 Gilbert Building Commerce/Trade, Specialty Store 209-211 1st St. W. Listed SL-DUL-01219 Altman Clothing Commerce/Trade, Specialty Store 209-211 1st St. W. Listed SL-DUL-00156 George Gray Department Store Store Store 113-119 Superior St. W. Not Eligible SL-DUL-00156 George Gray Department Store Store 113-119 Superior St. W. Not Eligible SL-DUL-00190 Harbor Building - North shore bank of commerce SL-DUL-00150 Store bank of commerce SL-DUL-00151 Natchios Greek Restaurant SL-DUL-00231 Parking ramp (Nonextant) SL-DUL-00231 Aster Theatre Recreation and Culture, Theater Recreation and Culture, Theater Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00030 Commercial building Sub-Dul-00030 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible Sub-Dul-00230 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible Sub-Dul-00230 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible Sub-Dul-00230 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible Sub-Dul-00340 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible Sub-Dul-00340 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible Sub-Dul-00340 Commercial building Commerce/Trade, Specialty Store 105 Superior S	SL-DUL-00188	Commercial building - Swor	Commerce/Trade, Specialty Store	114 Superior St. W.	Not Eligible
SL-DUL-00189 F.W. Woolworth Commerce/Trade, Specialty Store 104-106 Superior St. W. Not Eligible SL-DUL-00154 Gately Store Commerce/Trade, Specialty Store 123 Superior St. W. Not Eligible SL-DUL-00155 Walgreen's Drug Store Commerce/Trade, Specialty Store 121 Superior St. W. Not Eligible 125 SL-DUL-00155 Walgreen's Drug Store Commerce/Trade, Specialty Store 121 Superior St. W. Not Eligible 125 SL-DUL-00120 Gilbert Building Commerce/Trade, Specialty Store 122 North 3rd Ave. W. Not Eligible 125 SL-DUL-01219 Altman Clothing Commerce/Trade, Specialty Store 126 SL-DUL-01219 Altman Clothing Commerce/Trade, Specialty Store 126 SL-DUL-01219 Altman Clothing Commerce/Trade, Department Store 126 SL-DUL-00156 George Gray Department Store 127 Commerce/Trade, Department Store 127 SL-W. Not Eligible 127 SL-DUL-00156 Commercial building - North shore bank of commerce SL-DUL-00153 Commercial building - North shore bank of commerce SL-DUL-00231 Parking ramp (Norextant) SL-DUL-00071 Natchios Greek Restaurant 125 Commerce/Trade, Specialty Store 126-20 North 2nd Ave. W. Not Eligible 125 SL-DUL-00071 Natchios Greek Restaurant 125 Commerce/Trade, Specialty Store 126 North 2nd Ave. W. Listed 125 SL-DUL-00070 Leone's Cleaners and Tailors 125 Commerce/Trade, Specialty Store 126 North 2nd Ave. W. Listed 126 North 2nd Ave. W. Listed 127 SL-DUL-00030 Commercial building 125 Commerce/Trade, Specialty Store 126 North 2nd Ave. W. Listed 127 SL-DUL-00030 Sapha and Company Furniture 126 Commerce/Trade, Specialty Store 127 St. W. Not Eligible 127 SL-DUL-00030 Sapha and Company Furniture 126 Commerce/Trade, Specialty Store 127 St. W. Not Eligible 127 SL-DUL-00124 Commerce/Trade, Specialty Store 127 St. W. Not Eligible 127 SL-DUL-00124 Commercial building 126 Commerce/Trade, Specialty Store 127 St. W. Not Eligible 127 SL-DUL-00125 Deluxe Coney Island-Rowley 207 Sc. Specialty Store 127 St. W. Listed 128 SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant. Commerce/Trade, Specialty Store 128 St. W. Listed 128 SL-DUL-00126 Pasek Pharmacy, Jerry Lee's	SL-DUL-01221	Central Club Café	Commerce/Trade, Specialty Store	213-215 1st St. W.	Listed
SL-DUL-00154 Gately Store Commerce/Trade, Specialty Store 123 Superior St. W. Not Eligible SL-DUL-00165 Walgreen's Drug Store Commerce/Trade, Specialty Store 121 Superior St. W. Not Eligible SL-DUL-00069 Peter Pan Cleaners Commerce/Trade, Specialty Store 122 North 3rd Ave. W. Not Eligible SL-DUL-01220 Gilbert Building Commerce/Trade, Specialty Store 209-211 1st St. W. Listed SL-DUL-01219 Altman Clothing Commerce/Trade, Specialty Store 201-207 1st St. W. Listed SL-DUL-00166 George Gray Department Store StDUL-00165 George Gray Department Store StDUL-00165 Commercial building Commerce/Trade, Specialty Store 201-207 1st St. W. Not Eligible SL-DUL-00163 Commercial building Commerce/Trade, Specialty Store 102 Superior St. W. Not Eligible SL-DUL-00153 Commercial building Commerce/Trade, Specialty Store 129-131 Superior St. W. Not Eligible SL-DUL-00231 Parking ramp (Nonextant) Landscape, Parking Lot 16-20 North 2nd Ave. W. Not Eligible SL-DUL-00077 Aster Theatre Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00157 Aster Theatre Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed SL-DUL-00093 Bayha and Company Furniture Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed SL-DUL-00290 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Listed SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 115 St. W. Listed SL-DUL-00125 Deluxe Corey Island-Rowley Suliding Commerce/Trade, Specialty Store 112 1st St. W. Listed SL-DUL-00126 Commercial building Commerce/Trade, Specialty Store 112 1st St. W. Listed SL-DUL-00127 Deluxe Corey Island-Rowley Suliding Commerce/Trade,	SL-DUL-00228	Commercial building	Commerce/Trade, Specialty Store	125-127 Superior St. W.	Not Eligible
SL-DUL-00155 Walgreen's Drug Store Commerce/Trade, Specialty Store 121 Superior St. W. Not Eligible SL-DUL-00069 Peter Pan Cleaners Commerce/Trade, Specialty Store 122 North 3rd Ave, W. Not Eligible SL-DUL-01220 Gilbert Building Commerce/Trade, Specialty Store 209-211 1st St. W. Listed SL-DUL-01219 Altman Clothing Commerce/Trade, Specialty Store 201-207 1st St. W. Listed SL-DUL-00156 George Gray Department Store Store Commerce/Trade, Specialty Store 113-119 Superior St. W. Not Eligible SL-DUL-00190 Harbor Building North Store SL-DUL-00153 Commercial building North Shore bank of commerce SL-DUL-00153 Parking ramp (Nonextant) Commerce/Trade, Specialty Store 129-131 Superior St. W. Not Eligible SL-DUL-00151 Parking ramp (Nonextant) Commerce/Trade, Specialty Store 139-131 Superior St. W. Not Eligible SL-DUL-00157 Natchios Greek Restaurant Commerce/Trade, Restaurant 190 North 2nd Ave. W. Not Eligible SL-DUL-00157 Aster Theatre Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00070 Leone's Cleaners and Tailors Commerce/Trade, Specialty Store 150 North 2nd Ave. W. Listed SL-DUL-00030 Commercial building Commerce/Trade, Specialty Store 150 North 2nd Ave. W. Listed SL-DUL-00030 Commercial building Commerce/Trade, Specialty Store 150 North 2nd Ave. W. Listed SL-DUL-00030 Bayha and Company Furniture Commerce/Trade, Business 131 1st St. W. Not Eligible SL-DUL-00290 Commercial building Commerce/Trade, Specialty Store 150 Superior St. W. Not Eligible SL-DUL-00390 Association of Duluth (YWCA) Social, Civic 202 2nd St. W. Listed SL-DUL-001416 Bridge 69816E Transportation, Road-Related (Vehicular) Pasek Pharmacy, Jerry Lee's Restaurant, commerce/Trade, Specialty Store 1114-116 1st St. W. Listed SL-DUL-00126 Pasek Pharmacy, Jerry Lee's English Sulding Commerce/Trade, Specialty Store 114-116 1st St. W. Listed SL-DUL-00127 Company/Minnesota Power & Light	SL-DUL-00189	F.W. Woolworth	Commerce/Trade, Specialty Store	104-106 Superior St. W.	Not Eligible
SL-DUL-00069 Peter Pan Cleaners Commerce/Trade, Specialty Store SL-DUL-01220 Gilbert Building Commerce/Trade, Specialty Store 209-211 1st St. W. Listed SL-DUL-01219 Altman Clothing Commerce/Trade, Specialty Store 209-211 1st St. W. Listed SL-DUL-00156 George Gray Department Store Store SL-DUL-00156 George Gray Department Store Commerce/Trade, Department 113-119 Superior St. W. Not Eligible SL-DUL-00190 Harbor Building North Store SL-DUL-00190 Commercel Building North Shore bank of commerce Commerce/Trade, Specialty Store 102 Superior St. W. Not Eligible SL-DUL-00131 Parking ramp (Nonextant) Landscape, Parking Lot 18-20 North 2nd Ave. W. Not Eligible SL-DUL-00231 Parking ramp (Nonextant) Landscape, Parking Lot 18-20 North 2nd Ave. W. Not Eligible SL-DUL-00157 Aster Theatre Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00070 Leone's Cleaners and Tallors Commerce/Trade, Specialty Store 18-20 North 2nd Ave. W. Not Eligible SL-DUL-00030 Commercial building Commerce/Trade, Specialty Store 18-20 North 2nd Ave. W. Listed SL-DUL-00030 Commercial building Commerce/Trade, Specialty Store 18-20 North 2nd Ave. W. Not Eligible SL-DUL-00030 Commercial building Commerce/Trade, Specialty Store 18-20 North 2nd Ave. W. Listed SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 18-20 North 2nd Ave. W. Listed SL-DUL-00239 Commercial building Commerce/Trade, Specialty Store 18-20 North 2nd Ave. W. Listed SL-DUL-00390 Association of Duluth (YWCA) Social, Civic 202 2nd St. W. Listed Listed Vehicular) Note Superior St. W. Not Eligible Note Pasek Pharmacy, Jerry Lee's Restaurant, Commerce/Trade, Specialty Store 18-20 North 2nd Ave. W. Listed SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 18-18-18 1st St. W. Listed SL-DUL-00125 Deluxe Concey Island-Rowley Building Commerce/Trade, Specialty Store 18-18-18 1st St. W. Listed Commerce/Trade, Specialty Store 18-18-18 1st St. W. Listed SL-DUL-00191 Company/Minnesota Power & Light	SL-DUL-00154	Gately Store	Commerce/Trade, Specialty Store	123 Superior St. W.	Not Eligible
SL-DUL-01220 Gilbert Building Commerce/Trade, Specialty Store 209-211 1st St. W. Listed SL-DUL-01219 Altman Clothing Commerce/Trade, Specialty Store 201-207 1st St. W. Listed SL-DUL-00156 George Gray Department Store SL-DUL-00156 George Gray Department Store SL-DUL-00190 Harbor Building Commerce/Trade, Specialty Store 113-119 Superior St. W. Not Eligible SL-DUL-00153 Commercial building - North shore bank of commerce Commerce/Trade, Specialty Store 129-131 Superior St. W. Not Eligible SL-DUL-00231 Parking ramp (Nonextant) Landscape, Parking Lot 16-20 North 2nd Ave. W. Not Eligible SL-DUL-00231 Parking ramp (Nonextant) Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00071 Natchios Greek Restaurant Commerce/Trade, Restaurant 109 North 2nd Ave. W. Listed SL-DUL-00157 Aster Theater Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00070 Leone's Cleaners and Tailors Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed SL-DUL-00230 Commercial building Commerce/Trade, Financial Institution 202 1st St. W. Not Eligible SL-DUL-00230 Commercial building Commerce/Trade, Business 131 1st St. W. Listed SL-DUL-00229 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible SL-DUL-00230 Young Women's Christian Association of Duluth (YWCA) Social, Civic 202 2nd St. W. Listed SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed SL-DUL-00126 Building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed SL-DUL-00126 Company/Minnesota Power & Lindustry/Processing/Extraction, Extractive Facility	SL-DUL-00155	Walgreen's Drug Store	Commerce/Trade, Specialty Store	121 Superior St. W.	Not Eligible
SL-DUL-01219 Altman Clothing Commerce/Trade, Specialty Store 201-207 1st St. W. Listed  SL-DUL-00156 George Gray Department Store Commerce/Trade, Department Store 113-119 Superior St. W. Not Eligible SL-DUL-00190 Harbor Building Commerce/Trade, Specialty Store 102 Superior St. W. Not Eligible SL-DUL-00153 Schommerce Deark of commerce St. Dul-00231 Parking ramp (Nonextant) Landscape, Parking Lot 129-131 Superior St. W. Not Eligible SL-DUL-00231 Parking ramp (Nonextant) Landscape, Parking Lot 16-20 North 2nd Ave. W. Not Eligible SL-DUL-00157 Aster Theatre Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00070 Leone's Cleaners and Tailors Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Not Eligible SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed 115 North 2nd Ave. W. Not Eligible SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Not Eligible SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Not Eligible Institution 202 1st St. W. Not Eligible SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible Not Eligible SL-DUL-00390 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Listed SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed SL-DUL-00126 Deluxe Coney Island-Rowley Building Great Northern Power Company/Minnesota Power & Light Viprocessing/Extraction, Extractive Facility	SL-DUL-00069	Peter Pan Cleaners	Commerce/Trade, Specialty Store	122 North 3rd Ave. W.	Not Eligible
SL-DUL-00156 George Gray Department Store SL-DUL-00190 Harbor Building Commerce/Trade, Specialty Store 102 Superior St. W. Not Eligible SL-DUL-00153 Commercial building - North shore bank of commerce SL-DUL-00153 Parking ramp (Nonextant) SL-DUL-00231 Parking ramp (Nonextant) SL-DUL-00070 Natchios Greek Restaurant SL-DUL-00157 Aster Theatre SL-DUL-00070 Leone's Cleaners and Tailors SL-DUL-00070 Leone's Cleaners and Tailors SL-DUL-00230 Commercial building SL-DUL-00093 Bayha and Company Furniture SL-DUL-00290 Commercial building SL-DUL-00290 Commercial building SL-DUL-00290 Commercial building SL-DUL-02390 Young Women's Christian Association of Duluth (YWCA) SL-DUL-04116 Bridge 69816E SL-DUL-04124 Commercial building SL-DUL-00125 Restaurant, commercial building SL-DUL-00126 Pask Pharmacy, Jerry Lee's Restaurant, commercial building Great Northern Power SL-DUL-00191 Company/Minnesota Power & Light Light SL-DUL-00191 Commerce/Trade, Specialty Store SL-DUL-00191 Commercial building SL-DUL-00191 Commerce/Trade, Specialty Store SL-DUL-00191 Superior St. W. Not Eligible SL-DUL-00191 Superior St.	SL-DUL-01220	Gilbert Building	Commerce/Trade, Specialty Store	209-211 1st St. W.	Listed
SL-DUL-00190 Harbor Building Commerce/Trade, Specialty Store 102 Superior St. W. Not Eligible  SL-DUL-00153 Shore bank of commerce SL-DUL-00231 Parking ramp (Nonextant) Landscape, Parking Lot 16-20 North 2nd Ave. W. Not Eligible  SL-DUL-00071 Natchios Greek Restaurant Commerce/Trade, Restaurant 109 Superior St. W. Not Eligible  SL-DUL-00070 Leone's Cleaners and Tailors Commerce/Trade, Specialty Store 109 Superior St. W. Not Eligible  SL-DUL-00230 Commercial building Commerce/Trade, Restaurant 109 Superior St. W. Not Eligible  SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed  SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed  SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed  SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed  SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed  SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible  SL-DUL-00290 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible  SL-DUL-02390 Young Women's Christian Association of Duluth (YWCA) Social, Civic 202 2nd St. W. Listed  SL-DUL-04116 Bridge 69816E Transportation, Road-Related (Vehicular) Lake Avenue and I-35 Interchange  SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed  SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed  SL-DUL-00125 Deluxe Concey Island-Rowley Building Great Northern Power Company/Minnesota Power & Light Without Processing/Extraction, Extractive Facility Store 114-116 1st St. W. Potentially Eligible	SL-DUL-01219	Altman Clothing	Commerce/Trade, Specialty Store	201-207 1st St. W.	Listed
Commercial building - North shore bank of commerce  SL-DUL-00231 Parking ramp (Nonextant) Landscape, Parking Lot 16-20 North 2nd Ave. W. Listed  SL-DUL-00071 Natchios Greek Restaurant Commerce/Trade, Restaurant 109 North 2nd Ave. W. Listed  SL-DUL-00157 Aster Theatre Recreation and Culture, Theater 109 Superior St. W. Not Eligible  SL-DUL-00070 Leone's Cleaners and Tailors Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed  SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed  SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed  SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed  SL-DUL-00230 Commercial building Commerce/Trade, Business 131 1st St. W. Listed  SL-DUL-0029 Commercial building Commerce/Trade, Business 131 1st St. W. Listed  SL-DUL-0229 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible  SL-DUL-02390 Young Women's Christian Association of Duluth (YWCA) Social, Civic 202 2nd St. W. Listed  SL-DUL-04116 Bridge 69816E (Transportation, Road-Related (Vehicular) Lake Avenue and I-35 Interchange Potentially Eligible  SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed  SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed  SL-DUL-00125 Deluxe Coney Island-Rowley Building Great Northern Power Company/Minnesota Power & Light Commerce/Trade, Specialty Store 112 1st St. W. Listed  SL-DUL-00191 Great Northern Power Company/Minnesota Power & Light Potentially Eligible Extraction, Extractive Facility Eligible	SL-DUL-00156	George Gray Department Store		113-119 Superior St. W.	Not Eligible
SL-DUL-00153 shore bank of commerce Commerce/Trade, Specialty Store 129-131 Superior St. W. Not Eligible SL-DUL-00271 Parking ramp (Nonextant) Landscape, Parking Lot 16-20 North 2nd Ave. W. Not Eligible SL-DUL-00071 Natchios Greek Restaurant Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00157 Aster Theatre Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00070 Leone's Cleaners and Tailors Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed SL-DUL-00230 Commercial building Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed SL-DUL-00230 Bayha and Company Furniture Commerce/Trade, Financial Institution 202 1st St. W. Not Eligible SL-DUL-00229 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible SL-DUL-02390 Young Women's Christian Association of Duluth (YWCA) Scial, Civic 202 2nd St. W. Listed SL-DUL-04116 Bridge 69816E Transportation, Road-Related (Vehicular) Lake Avenue and I-35 Interchange Potentially Eligible (Vehicular) Commerce/Trade, Specialty Store 118-138 1st St. W. Listed SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed SL-DUL-00125 Deluxe Coney Island-Rowley Building Great Northern Power Company/Minnesota Power & Light Potentially Eligible Industry/Processing/Extraction, Extractive Facility	SL-DUL-00190	Harbor Building	Commerce/Trade, Specialty Store	102 Superior St. W.	Not Eligible
SL-DUL-00231 Parking ramp (Nonextant) Landscape, Parking Lot 16-20 North 2nd Ave. W. Not Eligible SL-DUL-00071 Natchios Greek Restaurant Commerce/Trade, Restaurant 109 North 2nd Ave. W. Listed SL-DUL-00157 Aster Theatre Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00070 Leone's Cleaners and Tailors Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed SL-DUL-00230 Commercial building Commerce/Trade, Financial Institution SL-DUL-00093 Bayha and Company Furniture Commerce/Trade, Business 131 1st St. W. Listed SL-DUL-00229 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible SL-DUL-02390 Young Women's Christian Association of Duluth (YWCA) Social, Civic 202 2nd St. W. Listed SL-DUL-04116 Bridge 69816E Transportation, Road-Related (Vehicular) Lake Avenue and I-35 Interchange SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed SL-DUL-00125 Deluxe Coney Island-Rowley Building Great Northern Power Company/Minnesota Power & Light SL-DUL-00191 Great Northern Power Company/Minnesota Power & Light	SL-DUL-00153	· ·	Commerce/Trade, Specialty Store	129-131 Superior St. W.	Not Eligible
SL-DUL-00157 Aster Theatre Recreation and Culture, Theater 109 Superior St. W. Not Eligible SL-DUL-00070 Leone's Cleaners and Tailors Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed SL-DUL-00230 Commercial building Commerce/Trade, Financial Institution 202 1st St. W. Not Eligible SL-DUL-00093 Bayha and Company Furniture Commerce/Trade, Business 131 1st St. W. Listed SL-DUL-00229 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible SL-DUL-002390 Young Women's Christian Association of Duluth (YWCA) Scial, Civic 202 2nd St. W. Listed SL-DUL-04116 Bridge 69816E Transportation, Road-Related (Vehicular) Lake Avenue and I-35 Interchange Potentially Eligible SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store SL-DUL-00125 Deluxe Coney Island-Rowley Building Great Northern Power Company/Minnesota Power & Light Industry/Processing/Extraction, Extractive Facility Potentially Eligible Potentially Eligible Potentially Eligible Potentially Eligible Potentially Eligible	SL-DUL-00231		Landscape, Parking Lot	16-20 North 2nd Ave. W.	Not Eligible
SL-DUL-0070 Leone's Cleaners and Tailors Commerce/Trade, Specialty Store 115 North 2nd Ave. W. Listed  SL-DUL-00230 Commercial building Commerce/Trade, Financial Institution 202 1st St. W. Not Eligible  SL-DUL-00093 Bayha and Company Furniture Commerce/Trade, Business 131 1st St. W. Listed  SL-DUL-00229 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible  SL-DUL-02390 Young Women's Christian Association of Duluth (YWCA) Social, Civic 202 2nd St. W. Listed  SL-DUL-04116 Bridge 69816E Transportation, Road-Related (Vehicular) Lake Avenue and I-35 Interchange Potentially Eligible  SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed  SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed  SL-DUL-00125 Deluxe Coney Island-Rowley Building Great Northern Power Company/Minnesota Power & Industry/Processing/Extraction, Extractive Facility Potentially Eligible		Natchios Greek Restaurant	- '	109 North 2nd Ave. W.	
SL-DUL-00230 Commercial building Commerce/Trade, Financial Institution 202 1st St. W. Not Eligible  SL-DUL-00093 Bayha and Company Furniture Commerce/Trade, Business 131 1st St. W. Listed  SL-DUL-00229 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible  SL-DUL-02390 Young Women's Christian Association of Duluth (YWCA) Social, Civic 202 2nd St. W. Listed  SL-DUL-04116 Bridge 69816E Transportation, Road-Related (Vehicular) Interchange Potentially Eligible  SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed  SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed  SL-DUL-00125 Deluxe Coney Island-Rowley Building Great Northern Power Company/Minnesota Power & Light Eligible Extraction, Extractive Facility Store St. Potentially Eligible Extraction, Extractive Facility	SL-DUL-00157	Aster Theatre	Recreation and Culture, Theater	109 Superior St. W.	Not Eligible
SL-DUL-0093 Bayha and Company Furniture Commerce/Trade, Business 131 1st St. W. Listed  SL-DUL-00229 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible  SL-DUL-02390 Young Women's Christian Association of Duluth (YWCA) Social, Civic 202 2nd St. W. Listed  SL-DUL-04116 Bridge 69816E Transportation, Road-Related (Vehicular) Potentially Eligible  SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed  SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed  SL-DUL-00125 Deluxe Coney Island-Rowley Building Great Northern Power Company/Minnesota Power & Industry/Processing/Extraction, Extractive Facility Store 1105 Superior St. W. Island  SU-DUL-00191 Potentially Eligible Potentially Eligible Superior St. W. Superior St. Potentially Eligible Potentially Eligible St. W. Superior St. Potentially Eligible St. W. Superior St. Potentially Eligible S	SL-DUL-00070	Leone's Cleaners and Tailors		115 North 2nd Ave. W.	Listed
SL-DUL-00229 Commercial building Commerce/Trade, Specialty Store 105 Superior St. W. Not Eligible  SL-DUL-02390 Young Women's Christian Association of Duluth (YWCA) Social, Civic 202 2nd St. W. Listed  SL-DUL-04116 Bridge 69816E Transportation, Road-Related (Vehicular) Lake Avenue and I-35 Interchange  SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed  SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed  SL-DUL-00125 Deluxe Coney Island-Rowley Building Great Northern Power Company/Minnesota Power & Light English Potentially Eligible  SL-DUL-00191 Great Northern Power Extractive Facility Store Extraction, Extractive Facility	SL-DUL-00230	Commercial building		202 1st St. W.	Not Eligible
SL-DUL-02390 Young Women's Christian Association of Duluth (YWCA) Social, Civic  SL-DUL-04116 Bridge 69816E Transportation, Road-Related (Vehicular) Lake Avenue and I-35 Interchange  SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store  SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building  SL-DUL-00125 Deluxe Coney Island-Rowley Building  Great Northern Power Company/Minnesota Power & Light  Listed  Lake Avenue and I-35 Interchange  118-138 1st St. W. Listed  Listed  Listed  Listed  Listed  Listed  Listed  Listed  Listed  Pasek Pharmacy, Jerry Lee's Restaurant, commercial building  SL-DUL-00125 Deluxe Coney Island-Rowley Building  Great Northern Power Company/Minnesota Power & Light  Listed  Potentially Eligible	SL-DUL-00093	Bayha and Company Furniture	Commerce/Trade, Business	131 1st St. W.	Listed
Association of Duluth (YWCA)  SCIAI, CIVIC  SU-DUL-04116  Bridge 69816E  Transportation, Road-Related (Vehicular)  Commercial building  Commerce/Trade, Specialty Store  SL-DUL-00126  Pasek Pharmacy, Jerry Lee's Restaurant, commercial building  SL-DUL-00125  Deluxe Coney Island-Rowley Building  Commerce/Trade, Specialty Store  SL-DUL-00191  Commerce/Trade, Specialty Store  114-116 1st St. W.  Listed  Listed  Commerce/Trade, Specialty Store  112 1st St. W.  Listed  Commerce/Trade, Specialty Store  SL-DUL-00191  Commerce/Trade, Specialty Store  SL-DUL-00191  Commerce/Trade, Specialty Store  Industry/Processing/Extraction, Extractive Facility  30 W Superior St  Potentially Eligible	SL-DUL-00229	Commercial building	Commerce/Trade, Specialty Store	105 Superior St. W.	Not Eligible
SL-DUL-00124 Commercial building Commerce/Trade, Specialty Store 118-138 1st St. W. Listed  SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed  SL-DUL-00125 Deluxe Coney Island-Rowley Building Great Northern Power Company/Minnesota Power & Light Extractive Facility  SL-DUL-00191 Potentially Eligible Potentially Eligible Interchange Potentially Eligible Interchange Potentially Eligible Interchange Potentially Eligible Interchange Potentially Eligible	SL-DUL-02390	9	Social, Civic	202 2nd St. W.	Listed
SL-DUL-00126 Pasek Pharmacy, Jerry Lee's Restaurant, commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed  SL-DUL-00125 Deluxe Coney Island-Rowley Building Commerce/Trade, Specialty Store 112 1st St. W. Listed  SL-DUL-00191 Great Northern Power Company/Minnesota Power & Industry/Processing/Extraction, Extractive Facility Potentially Eligible	SL-DUL-04116	Bridge 69816E			Potentially Eligible
Restaurant,commercial building Commerce/Trade, Specialty Store 114-116 1st St. W. Listed  SL-DUL-00125 Deluxe Coney Island-Rowley Building Commerce/Trade, Specialty Store 112 1st St. W. Listed  SL-DUL-00191 Great Northern Power Company/Minnesota Power & Light Industry/Processing/Extraction, Extractive Facility 30 W Superior St Potentially Eligible	SL-DUL-00124	Commercial building			Listed
SL-DUL-00125  Building  Great Northern Power Company/Minnesota Power & Light  Listed  Listed  Industry/Processing/Extraction, Extractive Facility  30 W Superior St  Potentially Eligible	SL-DUL-00126		Commerce/Trade, Specialty Store	114-116 1st St. W.	Listed
SL-DUL-00191 Great Northern Power Company/Minnesota Power & Light Industry/Processing/Extraction, Extractive Facility 30 W Superior St Potentially Eligible	SL-DUL-00125	1	Commerce/Trade, Specialty Store	112 1st St. W.	Listed
	SL-DUL-00191	Great Northern Power Company/Minnesota Power &		30 W Superior St	Potentially Eligible
	SL-DUL-00158		Commerce/Trade, Specialty Store	31 Superior St. W.	Listed

Resource No.	Name	Resource Type	Address/Location	NRHP Eligibility
SL-DUL-00159	Commercial building	Commerce/Trade, Specialty Store	29 Superior St. W.	Listed
SL-DUL-02004	Gulleson Shoe Store	Commerce/Trade, Specialty Store	21 North 1st Ave. W.	Listed
SL-DUL-00127	Ideal Market & Bakery	Commerce/Trade, Specialty Store	102 1st St. W.	Listed
SL-DUL-01212	Rowley Building	Commerce/Trade, Specialty Store	108 1st St. W.	Not Eligible
SL-DUL-00072	Auto Garage	Transportation, Road-Related (Vehicular)	120-122 North 2nd Ave. W.	Not Eligible
SL-DUL-00160	Commercial building	Commerce/Trade, Specialty Store	25 Superior St. W.	Listed
SL-DUL-02391	Duplicate Number - See SL- DUL-000127 (Ideal Market & Bakery)	Commerce/Trade, Specialty Store	102 1st St W	Not Eligible
SL-DUL-00094	Gershgol Grocery	Commerce/Trade, Specialty Store	123 1st St. W.	Listed
SL-DUL-00233	Action Pawn and Gopher Shoe Repair	Commerce/Trade, Specialty Store	16-18 North 1st Ave. W.	Listed
SL-DUL-00075	Duplicate Number - See SL- DUL-00072 (Auto Garage)	Transportation, Road-Related (Vehicular)	120 2nd St. W.	Not Eligible
SL-DUL-00236	Crown Christian Center	Religion, Religious Facility	13-15 Lake Ave. N.	Not Eligible
SL-DUL-00234	Printing Express	Commerce/Trade, Specialty Store	22-26 North 1st Ave. W.	Listed
SL-DUL-00096	Frederick Hotel	Commerce/Trade, Specialty Store	105 W 1st St.	Listed
SL-DUL-00095	Columbia Block-Norman's Bar Bldg	Commerce/Trade, Specialty Store	113-115 1st St. W.	Listed
SL-DUL-00161	Commercial Building	Commerce/Trade, Specialty Store	21-23 Superior St. W.	Not Eligible
SL-DUL-00164	Wirth Building	Commerce/Trade, Specialty Store	13 Superior St. W.	Listed
SL-DUL-00128	Pearson Block-Duluth Liquor	Commerce/Trade, Specialty Store	26-32 1st St. W.	Listed
SL-DUL-00162	Commercial building- sportsman's headquarters	Commerce/Trade, Specialty Store	17-23 Superior St. W.	Listed
SL-DUL-00101	European Bakery-New England Hotel	Commerce/Trade, Specialty Store	109-111 W 1st St.	Listed
SL-DUL-00097	East End Ice and Coal- Life House Youth Center	Commerce/Trade, Specialty Store	31 1st St. W.	Listed
SL-DUL-00129	Cantonese House-commercial building	Commerce/Trade, Specialty Store	24 1st St. W.	Listed
SL-DUL-00166	Norris-MacDougal Block	Commerce/Trade, Specialty Store	5-7 Superior St. W.	Listed
SL-DUL-00163	Commercial Building	Commerce/Trade, Specialty Store	15 Superior St. W.	Listed
SL-DUL-04117	Bridge 69816F	Transportation, Road-Related (Vehicular)	Lake Avenue and I-35 Interchange	Potentially Eligible
SL-DUL-00098	commercial building-Life House Youth Center	Commerce/Trade, Specialty Store		Listed
SL-DUL-00130	Young at Heart	Commerce/Trade, Specialty Store	22 1st St. W.	Listed
SL-DUL-00800	Commercial building	Commerce/Trade, Specialty Store	3-9 Superior St. E.	Not Eligible
SL-DUL-00167	Bell and Eyster	Commerce/Trade, Specialty Store	3 Superior St. W.	Listed
SL-DUL-00803	Old Jolly Fisher Restaurant	Commerce/Trade, Specialty Store	27 Superior St. E.	Not Eligible
SL-DUL-00066	Merrit and Hector Printers	Commerce/Trade, Specialty Store	108-114 North 1st Ave. W.	Listed
SL-DUL-00131	E.F. Berg Hotel Supplies	Commerce/Trade, Specialty Store	20 1st St. W.	Listed
SL-DUL-00251	Plaunt Company Plumbing	Commerce/Trade, Specialty Store	121-123 North 1st Ave. W.	Not Eligible
SL-DUL-00168	Poirier's Boots and Shoes	Commerce/Trade, Specialty Store	1 Superior St. W.	Listed
SL-DUL-00099	Arthurs Formal Wear	Commerce/Trade, Specialty Store	25 1st St. W.	Listed
SL-DUL-00132	Sanitary Plumbing-Glenwood trophy	Commerce/Trade, Specialty Store	18 1st St. W.	Listed
SL-DUL-00165	Silberstein and Bondy Dry Goods Company	Commerce/Trade, Specialty Store	9-11 Superior St. W.	Listed
SL-DUL-00252	Chum Drop-In Center	Social, Civic	125 N. 1st Ave. W	Not Eligible
SL-DUL-00237	Commercial building-Bayly building	Commerce/Trade, Specialty Store	17-19 Lake Ave. N.	Listed
SL-DUL-00193	Vacant lot	Recreation and Culture, Theater	16 Superior St. E.	Listed
SL-DUL-00238	Nortun Lodge #126 Sons of Norway	Social, Meeting Hall	21-23 Lake Ave. N.	Listed
SL-DUL-02644	Parking lot	Landscape, Parking Lot	9-23 1st St. W.	Listed

Resource No.	Name	Resource Type	Address/Location	NRHP Eligibility
SL-DUL-00133	Bridgeman & Russell	Commerce/Trade, Specialty Store	14-16 1st St. W.	Not Eligible
SL-DUL-00067	Commercial Electric Company	Commerce/Trade, Specialty Store	118 North 1st Ave. W.	Not Eligible
SL-DUL-00135	Spina Building-Dreamland bar;Willis Supply Co./Shishka Bar	Commerce/Trade, Specialty Store	2-8 1st St. W.	Listed
SL-DUL-00134	Bridgeman-Russell Block	Commerce/Trade, Specialty Store	10-16 1st St. W.	Listed
SL-DUL-00235	Tremont Hotel	Domestic, Hotel	12 Lake Ave. N.	Listed
SL-DUL-00076	Commercial building - Duluth Teachers Credit Union	Commerce/Trade, Specialty Store	28 2nd St. W.	Not Eligible
SL-DUL-00196	Wieland Block	Commerce/Trade, Specialty Store	26 Superior St. E.	Listed
SL-DUL-00194	J. J. Costello Hardware and Stoves	Commerce/Trade, Specialty Store	22-24 Superior St. E.	Listed
SL-DUL-00169	Commercial building	Commerce/Trade, Specialty Store	13 Superior St. E.	Listed
SL-DUL-00136	First Bank Drive-In	Commerce/Trade, Financial Institution	10 1st St. E.	Not Eligible
SL-DUL-03922	Bridge 69857	Transportation, Pedestrian- Related	Connecting Superior Street to Gichi-Ode' Akiing Park	Potentially Eligible
SL-DUL-00802	Jeronimus Floral	Commerce/Trade, Specialty Store	11 1/2 Superior St. E.	Not Eligible
SL-DUL-00170	Commercial building	Commerce/Trade, Specialty Store	17 Superior St. E.	Not Eligible
SL-DUL-00801	Bridgemen's	Commerce/Trade, Specialty Store	11 Superior St. E.	Not Eligible
SL-DUL-00171	Commercial building	Commerce/Trade, Specialty Store	21 Superior St. E.	Not Eligible
SL-DUL-00100	HBJ Publications Inc	Commerce/Trade, Specialty Store	1-7 1st St. W.	Listed
SL-DUL-00172	Commercial building - music	Commerce/Trade, Specialty Store	23-25 Superior St. E.	Not Eligible
SL-DUL-00078	center Duluth Masonic Temple	Social, Meeting Hall	4 2nd St. W.	Listed
SL-DUL-00197	Hayes Block		30-38 Superior St. E.	Listed
SL-DUL-00198	Astoria Hotel-Northern	Commerce/Trade, Specialty Store	102-108 Superior St. E.	Listed
SL-DUL-02645	lights/Chinese Dragon Granite retaining wall	Landscape, Street	9 1st St. E.	Listed
SL-DUL-00137	Commercial building	Furniture/Object Commerce/Trade, Specialty Store	18 1st St. E.	Not Eligible
SL-DUL-00173	Last place on earth		29-33 Superior St. E.	Not Eligible
SL-DUL-00103	Interstate Auto		5-7 1st St. E.	Listed
SL-DUL-00138	Duluth Candy Factory	Commerce/Trade, Specialty Store		Not Eligible
SL-DUL-01208	Hockin Furniture Co.	Commerce/Trade, Specialty Store	5 1st St. W. (formerly 1 - 7	Listed
SL-DUL-00102			W 1st St)	
	Builders Exchange Building	Commerce/Trade, Specialty Store		Listed
SL-DUL-02353	Granada Theater Commercial building - Duluth	Recreation and Culture, Theater	109 Superior St. E.	Not Eligible
SL-DUL-00139	Teachers Retirement Fund	Commerce/Trade, Specialty Store	22 1st St. E.	Not Eligible
SL-DUL-00804	Granada News & Book	Commerce/Trade, Specialty Store	111 Superior St. E.	Not Eligible
SL-DUL-00805	China Night Restaurant	Commerce/Trade, Restaurant	113 Superior St. E.	Not Eligible
SL-DUL-00199	Vacant lot - Sears parking lot	Commerce/Trade, Specialty Store	110-116 Superior St. E.	Listed
SL-DUL-00174	Grand Hotel Peterson Buffet-chamber of	Domestic, Hotel	101-105 Superior St. E.	Listed
SL-DUL-00200	commerce	Commerce/Trade, Specialty Store	118 Superior St. E.	Listed
SL-DUL-00807	C.H. Oppel Block	Commerce/Trade, Restaurant	117 Superior St. E.	Not Eligible
SL-DUL-00201	Delray Hotel	Commerce/Trade, Specialty Store	120 Superior St. E.	Listed
SL-DUL-01071	Singer and Associates	Commerce/Trade, Specialty Store	26 E. 1st St.	Not Eligible
SL-DUL-00808	Commercial building	Commerce/Trade, Specialty Store	119 Superior St. E.	Not Eligible
SL-DUL-02646	US Bank Parking Garage	Landscape, Parking Lot	2-28 1st St. E	Listed
SL-DUL-01072	Corner Cafe	Commerce/Trade, Specialty Store	35 1st St. E.	Not Eligible
SL-DUL-00202	Service Motor Company, Drivers' Union Hall		124 Superior St. E.	Listed
SL-DUL-00152	Duplex	Domestic, Multiple Dwelling	316 1st St. E.	Not Eligible
SL-DUL-00104	Salo Building-Dunlap Building	Commerce/Trade, Specialty Store	15-17 1st St. E.	Listed

SL-DUL-01858 Carter Hotel Domestic, Hotel 17-25 North 2nd Ave. E. Listed SL-DUL-00178 NorShor Theatre-Orpheum Service Garage Commerce/Trade, Specialty Store 207-213 Superior St. E. Listed 27 North 2nd Ave. E. Not Eligible SL-DUL-02354 Jimmy's Used Cars Commerce/Trade, Specialty Store 27 North 2nd Ave. E. Not Eligible SL-DUL-00208 Gannon Auto Supplies Commerce/Trade, Specialty Store 216-218 Superior St. E. Listed 28 L-DUL-00812 Sunnyside Cafe Commerce/Trade, Specialty Store 214 Superior St. E. Listed 29 L-DUL-00108 Northwest Radio Commerce/Trade, Specialty Store 214 Superior St. E. Listed 29 L-DUL-00249 Clayton Jackson McGhie Memorial Landscape, Park 130 1st St. E. Listed 29 L-DUL-00241 Orpheum Theatre Recreation and Culture, Theater 20 L-Dul-00210 Rockhill Buick Company-St, Louis Cty health Dept. Commerce/Trade, Specialty Store 20 Superior St. E. Listed 20 Listed 20 Domestic, Single Dwelling 108 2nd St. E. Not Eligible 20 L-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store 12 2nd St. E. Not Eligible 20 L-DUL-00084 Commercial building Commerce/Trade, Specialty Store 12 2nd St. E. Not Eligible 21 2nd St. E. Listed 22 2nd St. E. Listed 21 2nd St. E. Listed 22 2nd St. E. Listed 21 2nd St. E. Listed 22 2nd St. E. Listed 22 2nd St. E. Listed 22 2nd St. E. Listed 21 2nd St. E. Listed 2nd St. E.	Resource No.	Name	Resource Type	Address/Location	NRHP Eligibility
SLDUL-00106	SL-DUL-00203	Duluth City Jail		126 Superior St. E.	Listed
St. DUL-00086	SL-DUL-00810	Commercial building	Commerce/Trade, Specialty Store	123 Superior St. E.	Not Eligible
St. DUL-00086	SL-DUL-00106	Sher Brothers and Company	Commerce/Trade Specialty Store	25 1et St. F	Listed
Schull-00175   Parking name, Front-dist-Lish (Papinidarian)   107-123 Supronr St. E.   Listed				_	
School-02648   Hoban Manufacturing Company (Orminoran/Trade, Specially Store   11 to 15			, ,		Ü
SL-DUL-01073	SL-DUL-00175	9 .	(Vehicular)	107-123 Superior St. E.	LISTEG
SLDUL-01073   Mabil Service - Frenchy's	SL-DUL-02648	Hobart Manufacturing Company	Commerce/Trade, Specialty Store	31 1st St. E	Listed
SL-DUL-01853   House	SL-DUL-00240	Duluth Steam Bath	Commerce/Trade, Specialty Store	18-20 North 1st Ave. E.	Listed
SL-DUL-010165 Parking lot Transportation 19-23 at St. E. Listed  SL-DUL-01854 Amity Furniture Restoration Commerce/Trade, Specialty Store 10-23 North 1st Ave. E. Not Eligible  SL-DUL-01211 Commercial building (razed) Commerce/Trade, Specialty Store 10-21 to St. W. Potentialty Eligible or Listed  SL-DUL-020505 Fire Half at Government, Fire Station 22-53 1st St. E. Not Eligible  SL-DUL-020505 Fire Half at Government, Fire Station 25-50-10 to St. W. Not Eligible  SL-DUL-020505 Fire Half at Government, Fire Station 25-50-10 to St. W. Not Eligible  SL-DUL-020505 Fire Half at Government, Fire Station 25-50-10 to St. W. Not Eligible  SL-DUL-020505 Fire Half at Government, Fire Station 25-50-10 to St. W. Not Eligible  SL-DUL-02176 Seas, Roebuck and Company St. Poll-0-00 to St. E. Listed  SL-DUL-00176 Seas, Roebuck and Company St. Poll-0-00 to St. E. Listed  SL-DUL-00176 Seas, Roebuck and Company St. Poll-0-00 to St. E. Listed  SL-DUL-00141 To Company Thorsell-1-0-00 to St. E. Listed  SL-DUL-00142 Union Fur Company Thorsell-1-0-00 to St. E. Listed  SL-DUL-00143 Gray Brothers Bakery-Duluth 2-00 to St. E. Listed  SL-DUL-002050 Interstate Auto Company Commerce/Trade, Specialty Store 110-112 tal St. E. Listed  SL-DUL-002050 Interstate Auto Company Commerce/Trade, Specialty Store 110-112 tal St. E. Listed  SL-DUL-002050 Interstate Auto Company Commerce/Trade, Specialty Store 110-112 tal St. E. Listed  SL-DUL-002050 Interstate Auto Company Commerce/Trade, Specialty Store 110-112 tal St. E. Listed  SL-DUL-002050 Interstate Auto Company Commerce/Trade, Specialty Store 110-112 tal St. E. Listed  SL-DUL-002050 Interstate Auto Company Commerce/Trade, Specialty Store 10-112 tal St. E. Listed  SL-DUL-002050 Interstate Auto Company Commerce/Trade, Specialty Store 10-112 tal St. E. Listed  SL-DUL-002050 Interstate Auto Company Commerce/Trade, Specialty Store 10-112 tal St. E. Listed  SL-DUL-00143 Moose 505 Lodge-International Procession and Culture, Musice 10-112 tal St. E. Listed  SL-DUL-002050 Carter Hotel Domestic, Multiple Dwellin	SL-DUL-01073	Mobil Service - Frenchy's	Commerce/Trade, Specialty Store	101 East 1st St.	Not Eligible
SL-DUL-01864 Amity Furniture Restoration Commerce/Trade, Specialty Store 30-32 tst St. E. Listed Commerce/Trade, Specialty Store 30-32 tst St. E. Listed SL-DUL-01971 Commercial building (razed) Commerce/Trade, Specialty Store 32-35 tst St. E. Not Eligible or Listed SL-DUL-01017 commercial building (razed) Commerce/Trade, Specialty Store 32-35 tst St. E. Not Eligible or Listed SL-DUL-01017 commercial building Commerce/Trade, Specialty Store 32-35 tst St. E. Not Eligible or Listed SL-DUL-02018 Fire Half #1 Compress of Commerce/Trade, Specialty Store 32-35 tst St. E. Not Eligible Commerce/Trade, Specialty Store 32-35 tst St. E. Listed Commer					ŭ
SL-DUL-00140 Yale Laundry-H & J (stge) Commerce/Trade, Specialty Store 30-32 1st St. E. Listed  SL-DUL-01211 Commercial building (razed) Commerce/Trade, Specialty Store 106-110 1st St. W. Potentialty Eligible or Listed Commercial building Commerce/Trade, Specialty Store 27-35 1st St. E. Not Eligible Commercial building Commerce/Trade, Specialty Store 27-35 1st St. E. Not Eligible Commerce/Trade, Specialty Store 27-35 1st St. E. Not Eligible Commerce/Trade, Specialty Store 27-35 1st St. E. Not Eligible Commerce/Trade, Specialty Store 27-35 1st St. E. Not Eligible Commerce/Trade, Specialty Store 27-35 1st St. E. Listed Commerce/Trade, Speci	SL-DUL-00105	Parking lot	'		Listed
SL-DUL-01211 Commercial building (razed) SL-DUL-01077 Lake Superior Liptors- commercial building (razed) SL-DUL-02505 Fire Hall #1 SL-DUL-02505 Moutean Automobile Company SL-DUL-02505 Building SL-DUL-02505 Building SL-DUL-02505 Building SL-DUL-02505 Building SL-DUL-02505 Building SL-DUL-02506 CommerceTrade, Specialty Store SL-DUL-00141 Coverilla Hotel-First Street SL-DUL-00142 Province Company Thorsell- SL-DUL-00142 Province Company Thorsell- SL-DUL-00144 CommerceTrade, Specialty Store SL-DUL-00144 CommerceTrade, Specialty Store SL-DUL-00144 CommerceTrade, Specialty Store SL-DUL-00250 Interstate Auto Company SL-DUL-00250 Interstate Auto Company SL-DUL-00250 Interstate Auto Company SL-DUL-00250 Interstate Auto Company SL-DUL-00250 Parking lot SL-DUL-00250 Parking lot SL-DUL-00250 Parking lot SL-DUL-00250 Apartment SL-DUL-00250 Moose 505 Lodge-International Harvester Company SL-DUL-00145 Moose 505 Lodge-International Harvester Company SL-DUL-00145 Moose 505 Lodge-International Harvester Company SL-DUL-00155 Carter Hotel SL-DUL-00155 Carter Hotel SL-DUL-00155 Carter Hotel SL-DUL-00156 Carter Hotel SL-DUL-00160 Northwest Radio SL-DUL-00161 Northwest Radio SL-DUL-00161 Northwest Radio SL-DUL-00260 Gannon Auto Supplies CommerceTrade, Specialty Store SL-DUL-00260 Gannon Auto Supplies CommerceTrade, Specialty Store SL-DUL-00261 City hostin Build Company St. SL-DUL-00261 CommerceTrade, Specialty Store SL-DUL-00261 City hostin Build Company St. SL-DUL-00261 CommerceTrade, Specialty Store SL-DUL-00261 CommerceTrade, Specialty Store SL-DUL-00261 CommerceTrade, Specialty Store SL-DUL-00261 CommerceTrade, Specialty Store SL-DUL-00261 Com	SL-DUL-01854	Amity Furniture Restoration	Commerce/Trade, Specialty Store	123 North 1st Ave. E.	Not Eligible
SL-DUL-001077 commercial building commercial building SL-DUL-02505 Fire Hall #1 Government, Fire Station 22 East Second St. Not Eligible SL-DUL-01214 Concey Island Government, Fire Station 22 East Second St. Not Eligible Company Building SL-DUL-00205 Mudden Automobile Company Building Commerce/Trade, Specialty Store 10 St. St. Dul-00176 Sears, Roebuck and Company SL-DUL-00176 Sears, Roebuck and Company SL-DUL-00177 Sears, Roebuck and Company SL-DUL-00206 Interstate Auto Company Commerce/Trade, Specialty Store 110-112 1st St. E. Listed SL-DUL-00206 Interstate Auto Company Commerce/Trade, Specialty Store 118-120 1st St. E. Listed SL-DUL-00207 Parking lot Landscape, Parking Lot 101-121 1st St. E. Listed SL-DUL-00207 Parking lot Landscape, Parking Lot 101-121 1st St. E. Listed Refered in an advance of Search St. Dull-00177 Mascenic Temple Opera House SL-DUL-00239 Apartment SL-DUL-00143 Moose 505 Lodge-International Harvester Company SL-DUL-00145 Model Laudry Commerce/Trade, Specialty Store SL-DUL-00145 Model Laudry Commerce/Trade, Specialty Store SL-DUL-00145 Model Laudry Commerce/Trade, Specialty Store SL-DUL-00178 Service Garage Commerce/Trade, Specialty Store SL-DUL-00178 Service Garage Commerce/Trade, Specialty Store SL-DUL-00178 Service Garage Commerce/Trade, Specialty Store SL-DUL-00180 Northwest Radio Commerce/Trade, Specialty Store SL-DUL-00190 Northwest Radio Commerce/Trade, Specialty Store SL-DUL-00191 Northwest Radio Commerce/Trade, Specialty Store SL-DUL-00191 Northwest Radio Commerce/Trade, Specialty Store SL-DUL-00241 Orpheum Theorems Commerce/Trade, Specialty Store SL-	SL-DUL-00140	Yale Laundry-H & J (stge)	Commerce/Trade, Specialty Store	30-32 1st St. E.	Listed
Sch-Dul-2016   Commercial building   Commerce/Trade, Specially Store   SL-Dul-01214   Coney Island   Commerce/Trade, Specially Store   SL-Dul-00205   Krudson Automobile Company   SL-Dul-00206   Krudson Automobile Company   SL-Dul-00176   Sears, Roebuck and Company   SL-Dul-00176   Sears, Roebuck and Company   SL-Dul-00171   Toverilla Inteleffirst Street   SL-Dul-00178   Sears, Roebuck and Company   SL-Dul-00179   Sears, Roebuck and Company   SL-Dul-00179   Sears, Roebuck and Company   SL-Dul-00179   Nesports Garage   SL-Dul-00180   Sears   SL-Dul-00180   Sears   Sears   SL-Dul-00206   Interstate Auto Company   SL-Dul-00207   Interstate Auto Company   SL-Dul-00208   Interstate Auto Company   SL-Dul-00209   Interstate Auto Company   SL-Dul-00209   Parking lot   Landscape, Parking Lot   SL-Dul-00209   Apartment   SL-Dul-00209   Model Laudry   Commerce/Trade, Specially Store   SL-Dul-00178   Model Laudry   Commerce/Trade, Specially Store   SL-Dul-00239   Apartment   SL-Dul-00239   Apartment   SL-Dul-00239   Apartment   SL-Dul-00239   Apartment   SL-Dul-00239   Apartment   SL-Dul-00240   Commerce/Trade, Specially Store   SL-Dul-00259   Search   Search   SL-Dul-00269   Campany Stepe Care   SL-Dul-00269   Campany Stepe Care   SL-Dul-00279   Commerce/Trade, Specially Store   SL-Dul-00280   Sannon Auto Supplies   Commerce/Trade, Specially Store   SL-Dul-00280   Campany Stepe Care   SL	SL-DUL-01211		Commerce/Trade, Specialty Store	106-110 1st St. W.	Potentially Eligible or Listed
SL-DUL-02505   Fire Hall #1   Government, Fire Station   22 East Second \$1   Not Eligible	SL-DUL-00107		Commerce/Trade, Specialty Store	27-35 1st St. E.	Not Eligible
StDUL-00205   Strudsen Automobile Company Building   Studies	SL-DUL-02505		Government, Fire Station	22 East Second St	Not Eligible
SL-DUL-00176 Sears, Roebuck and Company SL-DUL-00141 Toverlial Hotel-First Street Exchange SL-DUL-00142 Union Fur Company/Thorsell- Responde Garage SL-DUL-00144 Gray Brothers Bakeny-Duluth auto sales SL-DUL-00266 Interstate Auto Company SL-DUL-00266 Interstate Auto Company SL-DUL-00267 Parking lot Landscape, Parking Lot Commerce/Trade, Specialty Store SL-DUL-003923 Bridge 69858 Transportation, Pedestrian- Related Culture, Music SL-DUL-00239 Apartment Department SL-DUL-00239 Department SL-DUL-00239 Apartment Department Succession and Culture, Music SL-DUL-00143 Moose 505 Lodge-International Harvester Company  SL-DUL-00145 Model Laudry Commerce/Trade, Specialty Store SL-DUL-00188 Carter Hotel Demarks Succession and Culture, Specialty Store Succession and Culture, Specialty Store Succession and Culture, Specialty Store Succession Succession Act Succession Model Succession Model Succession Model Succession Model Succession Model Succession and Culture, Theater Succession Succession Act Succession Successio	SL-DUL-01214	Coney Island	Commerce/Trade, Specialty Store	110 1st St. W.	Not Eligible
SL-DUL-00141   Sears, Roebuck and Company   Survey   Surv	SL-DUL-00205		Commerce/Trade, Specialty Store	202 Superior St. E.	Listed
SL-DUL-00141 Exchange SL-DUL-00142 Nespoda Garage SL-DUL-00142 Nespoda Garage SL-DUL-00144 Union Fur Company/Thorsell-Nespoda Garage SL-DUL-00144 Union Fur Company/Thorsell-Nespoda Garage SL-DUL-00144 Gray Brothers Bakery-Duluth auto sales SL-DUL-00206 Interstate Auto Company Commerce/Trade, Specialty Store SL-DUL-00206 Interstate Auto Company Commerce/Trade, Specialty Store SL-DUL-003923 Bridge 69858 Transportation, Pedestrian- SL-DUL-03923 Bridge 69858 Transportation, Pedestrian- SL-DUL-03924 Parking lot Landscape, Parking Lot Gichi-Ode/ Aking Park SL-DUL-02647 Parking lot Landscape, Parking Lot Gichi-Ode/ Aking Park SL-DUL-02647 Masonic Temple Opera House SL-DUL-00239 Apartment Domestic, Multiple Dwelling 101-121 rst St. E. Listed SL-DUL-00239 Apartment Domestic, Multiple Dwelling 114 N. 1st Ave. E. Not Eligible SL-DUL-00143 Moses 605 Lodge-International Harvester Company Service Garage SL-DUL-0165 Model Laudry Commerce/Trade, Specialty Store 126 rst St. E. Listed SL-DUL-01858 Carter Hotel Domestic, Hotel 17-25 North 2nd Ave. E. Listed SL-DUL-02354 Jimmy's Used Cars SL-DUL-02354 Jimmy's Used Cars Commerce/Trade, Specialty Store 126-128 Superior St. E. Listed SL-DUL-00208 Gannon Auto Supplies Commerce/Trade, Specialty Store 126-128 Superior St. E. Listed SL-DUL-004812 Sunnyside Cafe Commerce/Trade, Specialty Store 123 rst St. E. Listed SL-DUL-0049 Clayton Jackson McGhie Memorial SL-DUL-00210 Clayton Jackson McGhie Memorial SL-DUL-00241 Orpheum Theatre Orpheum Recreation and Culture, Theater Rockfill Build Company-St, Louis Company-S	SL-DUL-00176		′ '	125-131 Superior St. E.	Listed
SL-DUL-00142   Union Fur Company/Thorsell Negoda Garage   Commerce/Trade, Specialty Store   110-112 1st St. E.   Listed   SL-DUL-00144   Stroy Brothers Bakery-Duluth auto sales   Commerce/Trade, Specialty Store   118-120 1st St. E.   Listed   SL-DUL-00206   Interstate Auto Company   Commerce/Trade, Specialty Store   206-214 Superior St. E.   Listed   SL-DUL-03923   Bridge 69858   Transportation, Pedestrian-Related   Colichi-Ode/Akting Park   Listed   SL-DUL-03924   Parking lot   Landscape, Parking Lot   101-121 ist St. E.   Listed   SL-DUL-00177   Masonic Temple Opera House   Recreation and Culture, Music   Facility   SL-DUL-00239   Apartment   Domestic, Multiple Dwelling   114. N. 1st Ave. E   Not Eligible   SL-DUL-00143   Moose 505 Lodge-International Harvester Company   Commerce/Trade, Specialty Store   126 1st St. E.   Listed   SL-DUL-00145   Model Laudry   Commerce/Trade, Specialty Store   126 1st St. E.   Listed   SL-DUL-00178   Norshor Theatre-Orpheum   Service Garage   Commerce/Trade, Specialty Store   27 North 2nd Ave. E.   Listed   SL-DUL-0028   Gannon Auto Supplies   Commerce/Trade, Specialty Store   27 North 2nd Ave. E.   Listed   SL-DUL-00412   Sunnyside Cafe   Commerce/Trade, Specialty Store   216-218 Superior St. E.   Listed   SL-DUL-00249   Clayfon Jackson McGhie   Landscape, Park   130 1st St. E.   Listed   SL-DUL-00241   Orpheum Theatre   Recreation and Culture, Theater   S-12 North 2nd Ave. E.   Listed   SL-DUL-00041   Orpheum Theatre   Recreation and Culture, Theater   S-12 North 2nd Ave. E.   Listed   SL-DUL-00041   Orpheum Theatre   Recreation and Culture, Theater   S-12 North 2nd Ave. E.   Listed   SL-DUL-00042   Orpheum Theatre   Recreation and Culture, Theater   S-12 North 2nd Ave. E.   Listed   SL-DUL-00043   Dutth Cleaners and Dyers   Commerce/Trade, Specialty Store   S-12 North 2nd Ave. E.   Listed   SL-DUL-00044   Commercial building   Commerce/Trade, Specialty Store   S-12 North 2nd Ave. E.   Listed   SL-DUL-00045   Dutth Cleaners and Dyers   Commerce/Trade, Specialty Store   S-12	SL-DUL-00141			102-108 1st St. E.	Listed
SL-DUL-00144 Gray Brothers Bakery-Duluth auto sales SL-DUL-00206 Interstate Auto Company Commerce/Trade, Specialty Store SL-DUL-03923 Bridge 69858 Transportation, Pedestrian-Related Coichi-Ode' Akting Park SL-DUL-03924 Parking lot Landscape, Parking Lot 101-121 rist St. E. Listed SL-DUL-002647 Parking lot Landscape, Parking Lot 101-121 rist St. E. Listed SL-DUL-00177 Masonic Temple Opera House SL-DUL-00239 Apartment Domestic, Multiple Dwelling 114 N. 1st Ave. E. Not Eligible SL-DUL-00143 Moose 505 Lodge-International Harvester Company Domestic, Multiple Dwelling 114-116 rist St. E. Listed SL-DUL-00145 Model Laudry Commerce/Trade, Specialty Store SL-DUL-00178 Nor5hor Theatre-Orpheum Service Garage Commerce/Trade, Specialty Store SL-DUL-00234 Jimmy's Used Cars Commerce/Trade, Specialty Store SL-DUL-0028 Gannon Auto Supplies Commerce/Trade, Specialty Store SL-DUL-0049 Morthwest Radio Commerce/Trade, Specialty Store Clayofo Morthwest Radio Commerce/Trade, Specialty Store SL-DUL-0049 Morthwest Radio Commerce/Trade, Specialty Store SL-DUL-0049 Morthwest Radio Commerce/Trade, Specialty Store SL-DUL-0049 Morthwest Radio Commerce/Trade, Specialty Store SL-DUL-00409 Morthwest Radio Commerce/Trade, Specialty Store SL-DUL-00409 Morthwest Radio Commerce/Trade, Specialty Store SL-DUL-00404 Company-St, Louis City health Dept. Commerce/Trade, Specialty Store SL-DUL-0044 Commercial building Commerce/Trade, Specialty Store SL-DUL-0044 Commercial building Commerce/Trade, Specialty Store SL-DUL-0044 Commercial building Commerce/Trade, Specialty Store SL-DUL-0044 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store SL-DUL-0044 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store SL-DUL-0044 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store SL-DUL-0044 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store SL-DUL-0044 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store SL-DUL-0044 Jacob Kohn Autos	SL-DUL-00142	Union Fur Company/Thorsell-	Commerce/Trade, Specialty Store	110-112 1st St. E.	Listed
SL-DUL-00206 Interstate Auto Company Commerce/Trade, Specialty Store 206-214 Superior St. E. Listed  SL-DUL-03923 Bridge 69858 Transportation, Pedestrian-Related Commerce/Trade, Specialty Store 206-214 Superior St. E. Listed  SL-DUL-02647 Parking lot Landscape, Parking Lot 101-121 1st St. E. Listed  SL-DUL-00177 Masonic Temple Opera House Facility St. Dull-00239 Apartment Domestic, Multiple Dwelling 114 N. 1st Ave. E Not Eligible  SL-DUL-00139 Moose 505 Lodge-International House St. Dull-00143 Moose 505 Lodge-International House St. Dull-00143 Moose 505 Lodge-International House St. Dull-00145 Model Laudry Commerce/Trade, Specialty Store 126 1st St. E. Listed  SL-DUL-00145 Model Laudry Commerce/Trade, Specialty Store 126 1st St. E. Listed  SL-DUL-00178 Scribe Garage Commerce/Trade, Specialty Store 207-213 Superior St. E. Listed  SL-DUL-00354 Jimmy's Used Cars Commerce/Trade, Specialty Store 216-218 Superior St. E. Listed  SL-DUL-00308 Gannon Auto Supplies Commerce/Trade, Specialty Store 216-218 Superior St. E. Listed  SL-DUL-00108 Northwest Radio Commerce/Trade, Specialty Store 214 Superior St. E. Listed  SL-DUL-0049 Clayton Jackson McGhie Memorial Landscape, Park 130 1st St. E. Listed  SL-DUL-00241 Orpheum Theatre Recreation and Culture, Theater St. Dull-00241 Orpheum Theatre Recreation and Culture, Moseling St. Dull-00243 Dulluth Cleaners and Dyers Commerce/Trade, Specialty Store 122 Superior St. E. Listed  SL-DUL-00044 Commercial building Commerce/Trade, Specialty Store 122 Superior St. E. Listed  SL-DUL-00049 Clayton Jackson McGhie Memorial Dept. Commerce/Trade, Specialty Store 122 Superior St. E. Listed  SL-DUL-00040 Commerce/Trade, Specialty Store 122 Superior St. E. Listed  SL-DUL-00040 Commerce/Trade, Specialty Store 122 Superior St. E. Listed  SL-DUL-00041 Orpheum Theatre Recreation and Culture, Theater 122 Payerior St. E. Listed  SL-DUL-00040 Commerce/Trade, Specialty Store 122 Superior St. E. Listed  SL-DUL-00040 Commerce/Trade, Specialty Store 122 Superior St. E. Listed  SL-DUL-00040 Commerce/Trade,	SL-DUL-00144	Gray Brothers Bakery-Duluth	Commerce/Trade, Specialty Store	118-120 1st St. E.	Listed
St_DUL_02647   Parking lot   Landscape, Parking Lot   101-121 st St. E.   Listed	SL-DUL-00206		Commerce/Trade, Specialty Store	206-214 Superior St. E.	Listed
SL-DUL-02647 Parking lot Landscape, Parking Lot Recreation and Culture, Music Facility SL-DUL-00177 Masonic Temple Opera House SL-DUL-00239 Apartment Domestic, Multiple Dwelling 114 N. 1st Ave. E Not Eligible SL-DUL-00143 Moose 505 Lodge-International Harvester Company Science Carter Hotel Domestic, Multiple Dwelling 114 N. 1st Ave. E Listed Listed SL-DUL-00145 Model Laudry Commerce/Trade, Specialty Store 126 1st St. E. Listed SL-DUL-00178 NorShor Theatre-Orpheum Service Garage Commerce/Trade, Specialty Store SL-DUL-00254 Jimmy's Used Cars Commerce/Trade, Specialty Store SL-DUL-00208 Gannon Auto Supplies Commerce/Trade, Specialty Store SL-DUL-00181 Sunnyside Cafe Commerce/Trade, Specialty Store SL-DUL-00181 Northwest Radio Commerce/Trade, Specialty Store SL-DUL-00180 Northwest Radio Commerce/Trade, Specialty Store SL-DUL-00494 Clayton Jackson McGhie Memorial Landscape, Park 130 1st St. E Listed SL-DUL-00241 Orpheum Theatre Recreation and Culture, Theater SL-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store SL-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store SL-DUL-00244 Commercial building Commerce/Trade, Specialty Store SL-DUL-00245 SL-DUL-00247 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store SL-DUL-00248 Supplies Commerce/Trade, Specialty Store SL-DUL-00249 Clayton Jackson McGhie Memorial SL-DUL-00240 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store SL-Substein Surplus electronics-commercial building Commerce/Trade, Specialty Store SL-Substein Surplus electronics-commercial Surplus electronics-commerci	SL-DUL-03923	Bridge 69858			Potentially Eligible
SL-DUL-00177 Masonic Temple Opera House SL-DUL-00239 Apartment Domestic, Multiple Dwelling 114 N. 1st Ave. E Not Eligible SL-DUL-00143 Moose 505 Lodge-International Harvester Company Sci. DuL-00143 Model Laudry Commerce/Trade, Specialty Store 126 1st St. E. Listed SL-DUL-00145 Model Laudry Commerce/Trade, Specialty Store 126 1st St. E. Listed SL-DUL-01858 Carter Hotel Domestic, Hotel 17-25 North 2nd Ave. E. Listed SL-DUL-00178 NorShor Theatre-Orpheum Service Garage Commerce/Trade, Specialty Store 207-213 Superior St. E. Listed SL-DUL-02354 Jimmy's Used Cars Commerce/Trade, Specialty Store 27 North 2nd Ave. E. Not Eligible SL-DUL-00208 Gannon Auto Supplies Commerce/Trade, Specialty Store 216-218 Superior St. E. Listed SL-DUL-00181 Northwest Radio Commerce/Trade, Specialty Store 214 Superior St. E. Not Eligible SL-DUL-00180 Northwest Radio Commerce/Trade, Specialty Store 214 Superior St. E. Listed SL-DUL-00249 Clayton Jackson McGhie Memorial Louis City health Dept. Commerce/Trade, Specialty Store 212 Superior St. E. Listed SL-DUL-00241 Opheum Theatre Recreation and Culture, Theater SL-DUL-00241 Opheum Theatre Recreation and Culture, Theater SL-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store 16-18 North 2nd Ave. E. Listed SL-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store 15-18 North 2nd Ave. E. Listed SL-DUL-00044 Commercial building Commerce/Trade, Specialty Store 16-18 North 2nd Ave. E. Listed SL-DUL-00040 Surplus electronics-commercial building Commerce/Trade, Specialty Store 122 1st St. E. Listed SL-DUL-00040 Surplus electronics-commercial building Commerce/Trade, Specialty Store 125 1st St. E. Listed SL-DUL-00047 Jackson Autos and Television Center Building Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed SL-DUL-00147 Jackson Autos and Television Center Building Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed	SL-DUL-02647	Parking lot			Listed
SL-DUL-00143 Apartment Domestic, Multiple Dwelling 114 N. 1st Ave. E Not Eligible SL-DUL-00143 Moose 505 Lodge-International Harvester Company Social, Meeting Hall 114-116 1st St. E. Listed SL-DUL-00145 Model Laudry Commerce/Trade, Specialty Store 126 1st St. E. Listed SL-DUL-01858 Carter Hotel Domestic, Hotel 17-25 North 2nd Ave. E. Listed SL-DUL-00178 Nor5hor Theatre-Orpheum Service Garage Commerce/Trade, Specialty Store 207-213 Superior St. E. Listed SL-DUL-02354 Jimmy's Used Cars Commerce/Trade, Specialty Store 27 North 2nd Ave. E. Not Eligible SL-DUL-02088 Gannon Auto Supplies Commerce/Trade, Specialty Store 216-218 Superior St. E. Listed SL-DUL-00812 Sunnyside Cafe Commerce/Trade, Specialty Store 214 Superior St. E. Listed SL-DUL-00108 Northwest Radio Commerce/Trade, Specialty Store 123 1st St. E. Listed SL-DUL-02649 Clayton Jackson McGhie Memorial SL-DUL-00241 Orpheum Theatre Recreation and Culture, Theater SL-DUL-00210 Rockhill Buick Company-St. Louis Cty health Dept. Commerce/Trade, Specialty Store 222 Superior St. E. Listed SL-DUL-00083 House Domestic, Multiple Dwelling Domestic, Autos and Television Center Building Jenswold Motor Company- Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed SL-DUL-001947 Jenswold Motor Company- Commerce/Trade, Specialty Store 202-206 1st St. E. Listed	SL-DUL-00177	, and the second	Recreation and Culture, Music	201-205 Superior St. E.	Listed
SL-DUL-00143 Moose 505 Lodge-International Harvester Company  Scial, Meeting Hall  114-116 1st St. E. Listed		' '		'	Not Fligible
SL-DUL-01858 Carter Hotel Domestic, Hotel 17-25 North 2nd Ave. E. Listed SL-DUL-00178 NorShor Theatre-Orpheum Service Garage Commerce/Trade, Specialty Store 207-213 Superior St. E. Listed 27 North 2nd Ave. E. Not Eligible SL-DUL-02354 Jimmy's Used Cars Commerce/Trade, Specialty Store 27 North 2nd Ave. E. Not Eligible SL-DUL-00208 Gannon Auto Supplies Commerce/Trade, Specialty Store 216-218 Superior St. E. Listed 28 L-DUL-00812 Sunnyside Cafe Commerce/Trade, Specialty Store 214 Superior St. E. Listed 29 L-DUL-00108 Northwest Radio Commerce/Trade, Specialty Store 214 Superior St. E. Listed 29 L-DUL-00249 Clayton Jackson McGhie Memorial Landscape, Park 130 1st St. E. Listed 29 L-DUL-00241 Orpheum Theatre Recreation and Culture, Theater 20 L-Dul-00210 Rockhill Buick Company-St, Louis Cty health Dept. Commerce/Trade, Specialty Store 20 Superior St. E. Listed 20 Listed 20 Domestic, Single Dwelling 108 2nd St. E. Not Eligible 20 L-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store 12 2nd St. E. Not Eligible 20 L-DUL-00084 Commercial building Commerce/Trade, Specialty Store 12 2nd St. E. Not Eligible 21 2nd St. E. Listed 22 2nd St. E. Listed 21 2nd St. E. Listed 22 2nd St. E. Listed 21 2nd St. E. Listed 22 2nd St. E. Listed 22 2nd St. E. Listed 22 2nd St. E. Listed 21 2nd St. E. Listed 2nd St. E.		Moose 505 Lodge-International	. ,		
SL-DUL-00178 NorShor Theatre-Orpheum Service Garage Commerce/Trade, Specialty Store 27 North 2nd Ave. E. Not Eligible SL-DUL-00284 Jimmy's Used Cars Commerce/Trade, Specialty Store 27 North 2nd Ave. E. Not Eligible SL-DUL-00208 Gannon Auto Supplies Commerce/Trade, Specialty Store 216-218 Superior St. E. Listed SL-DUL-00812 Sunnyside Cafe Commerce/Trade, Specialty Store 214 Superior St. E. Listed SL-DUL-00108 Northwest Radio Commerce/Trade, Specialty Store 123 1st St. E. Listed Listed SL-DUL-02649 Clayton Jackson McGhie Memorial Landscape, Park 130 1st St. E Listed Listed SL-DUL-00241 Orpheum Theatre Recreation and Culture, Theater SL-DUL-00210 Rockhill Buick Company-St, Louis Cty health Dept. Commerce/Trade, Specialty Store 122 Superior St. E. Listed Listed SL-DUL-00083 House Domestic, Single Dwelling 108 2nd St. E. Not Eligible SL-DUL-00044 Commercial building Commerce/Trade, Specialty Store 125 1st St. E. Listed SL-DUL-00109 Surplus electronics-commercial building Commerce/Trade, Specialty Store 125 1st St. E. Listed SL-DUL-00211 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store 1228-230 Superior St. E. Listed Listed SL-DUL-00211 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store 1228-230 Superior St. E. Listed Listed SL-DUL-00214 Jeroswold Motor Company- Commerce/Trade, Specialty Store 1228-230 Superior St. E. Listed Listed Listed Light St. DUL-0047 Jeroswold Motor Company- Commerce/Trade, Specialty Store 1228-230 Superior St. E. Listed Listed Listed Light St. Dull-00447 Jeroswold Motor Company- Commerce/Trade, Specialty Store 1222-206 1st St. E. Listed Listed	SL-DUL-00145	Model Laudry	Commerce/Trade, Specialty Store	126 1st St. E.	Listed
Scrvice Garage  SL-DUL-02354  Jimmy's Used Cars  Commerce/Trade, Specialty Store  27 North 2nd Ave. E.  Not Eligible  SL-DUL-00208  Gannon Auto Supplies  Commerce/Trade, Specialty Store  216-218 Superior St. E.  Listed  SL-DUL-00812  Sunnyside Cafe  Commerce/Trade, Specialty Store  214 Superior St. E.  Not Eligible  SL-DUL-00108  Northwest Radio  Commerce/Trade, Specialty Store  214 Superior St. E.  Not Eligible  SL-DUL-00108  Northwest Radio  Commerce/Trade, Specialty Store  123 1st St. E.  Listed  Listed  SL-DUL-02649  Clayton Jackson McGhie Memorial  SL-DUL-00241  Orpheum Theatre  Recreation and Culture, Theater  SL-DUL-00210  Rockhill Buick Company-St.  Louis Cty health Dept.  Commerce/Trade, Specialty Store  SL-DUL-00083  House  Domestic, Single Dwelling  Duluth Cleaners and Dyers  Commerce/Trade, Specialty Store  SL-DUL-00084  Commercial building  Commerce/Trade, Specialty Store  SL-DUL-00084  Commercial building  Commerce/Trade, Specialty Store  Surplus electronics-commercial building  Commerce/Trade, Specialty Store  SL-DUL-00109  Surplus electronics-commercial building  Commerce/Trade, Specialty Store  SL-DUL-00211  Jacob Kohn Autos and Television Center Building  Commerce/Trade, Specialty Store  228-230 Superior St. E.  Listed  Listed  Listed  SL-DUL-00211  Jenswold Motor Company-  Commerce/Trade, Specialty Store  228-230 Superior St. E.  Listed	SL-DUL-01858	Carter Hotel	Domestic, Hotel	17-25 North 2nd Ave. E.	Listed
SL-DUL-00208 Gannon Auto Supplies Commerce/Trade, Specialty Store 216-218 Superior St. E. Listed  SL-DUL-00812 Sunnyside Cafe Commerce/Trade, Specialty Store 214 Superior St. E. Not Eligible  SL-DUL-00108 Northwest Radio Commerce/Trade, Specialty Store 123 1st St. E. Listed  SL-DUL-02649 Clayton Jackson McGhie Memorial Landscape, Park 130 1st St. E Listed  SL-DUL-00241 Orpheum Theatre Recreation and Culture, Theater 8-12 North 2nd Ave. E. Listed  SL-DUL-00210 Rockhill Buick Company-St, Louis Cty health Dept. Commerce/Trade, Specialty Store 222 Superior St. E. Listed  SL-DUL-00083 House Domestic, Single Dwelling 108 2nd St. E. Not Eligible  SL-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store 16-18 North 2nd Ave. E. Listed  SL-DUL-00084 Commercial building Commerce/Trade, Specialty Store 112 2nd St. E. Not Eligible  SL-DUL-00109 Surplus electronics-commercial building Commerce/Trade, Specialty Store 125 1st St. E. Listed  SL-DUL-00211 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed  SL-DUL-00147 Jenswold Motor Company-Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed	SL-DUL-00178		Commerce/Trade, Specialty Store	207-213 Superior St. E.	Listed
SL-DUL-00812 Sunnyside Cafe Commerce/Trade, Specialty Store 214 Superior St. E. Not Eligible  SL-DUL-0108 Northwest Radio Commerce/Trade, Specialty Store 123 1st St. E. Listed  SL-DUL-02649 Clayton Jackson McGhie Memorial Landscape, Park 130 1st St. E Listed  SL-DUL-00241 Orpheum Theatre Recreation and Culture, Theater 8-12 North 2nd Ave. E. Listed  SL-DUL-00210 Rockhill Buick Company-St, Louis Cty health Dept. Commerce/Trade, Specialty Store 222 Superior St. E. Listed  SL-DUL-00083 House Domestic, Single Dwelling 108 2nd St. E. Not Eligible  SL-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store 112 2nd St. E. Not Eligible  SL-DUL-00084 Commercial building Commerce/Trade, Specialty Store 112 2nd St. E. Not Eligible  SL-DUL-00109 Surplus electronics-commercial building Commerce/Trade, Specialty Store 125 1st St. E. Listed  SL-DUL-00211 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed  SL-DUL-00147 Jenswold Motor Company-Commerce/Trade, Specialty Store 202-206 1st St. E. Listed	SL-DUL-02354		Commerce/Trade, Specialty Store	27 North 2nd Ave. E.	Not Eligible
SL-DUL-00108 Northwest Radio Commerce/Trade, Specialty Store 123 1st St. E. Listed  SL-DUL-02649 Clayton Jackson McGhie Memorial Landscape, Park 130 1st St. E Listed  SL-DUL-00241 Orpheum Theatre Recreation and Culture, Theater 8-12 North 2nd Ave. E. Listed  SL-DUL-00210 Rockhill Buick Company-St, Louis Cty health Dept. Commerce/Trade, Specialty Store 222 Superior St. E. Listed  SL-DUL-00083 House Domestic, Single Dwelling 108 2nd St. E. Not Eligible  SL-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store 16-18 North 2nd Ave. E. Listed  SL-DUL-00084 Commercial building Commerce/Trade, Specialty Store 112 2nd St. E. Not Eligible  SL-DUL-00109 Surplus electronics-commercial building Commerce/Trade, Specialty Store 125 1st St. E. Listed  SL-DUL-00211 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed  SL-DUL-00147 Jenswold Motor Company-Commerce/Trade, Specialty Store 202-206 1st St. E. Listed	SL-DUL-00208	Gannon Auto Supplies	Commerce/Trade, Specialty Store	216-218 Superior St. E.	Listed
SL-DUL-02649  Clayton Jackson McGhie Memorial  SL-DUL-00241  Orpheum Theatre Recreation and Culture, Theater SL-DUL-00210  Rockhill Buick Company-St, Louis Cty health Dept.  SL-DUL-00083  House Domestic, Single Dwelling  SL-DUL-00243  Duluth Cleaners and Dyers  Commerce/Trade, Specialty Store SL-DUL-00084  Commercial building Commerce/Trade, Specialty Store SL-DUL-00109  Surplus electronics-commercial building SL-DUL-00211  SL-DUL-00211  SL-DUL-00211  SL-DUL-00211  SL-DUL-00217  SL-DUL-00447  Commerce/Trade, Specialty Store SL-DUL-00455  Commerce/Trade, Specialty Store SL-DUL-00457  SL-DUL-00447  SL-DUL-00447  Commerce/Trade, Specialty Store SL-DUL-00457  SL-DUL-00457  SL-DUL-00457  SL-DUL-00457  SL-DUL-00457  Commerce/Trade, Specialty Store SL-DUL-00457  SL	SL-DUL-00812	Sunnyside Cafe	Commerce/Trade, Specialty Store	214 Superior St. E.	Not Eligible
SL-DUL-00241   Orpheum Theatre   Recreation and Culture, Theater   8-12 North 2nd Ave. E.   Listed	SL-DUL-00108		Commerce/Trade, Specialty Store	123 1st St. E.	Listed
SL-DUL-00241 Orpheum Theatre Recreation and Culture, Theater 8-12 North 2nd Ave. E. Listed  SL-DUL-00210 Rockhill Buick Company-St, Louis Cty health Dept. Commerce/Trade, Specialty Store 222 Superior St. E. Listed  SL-DUL-00083 House Domestic, Single Dwelling 108 2nd St. E. Not Eligible  SL-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store 16-18 North 2nd Ave. E. Listed  SL-DUL-00084 Commercial building Commerce/Trade, Specialty Store 112 2nd St. E. Not Eligible  SL-DUL-00109 Surplus electronics-commercial building Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed  SL-DUL-00211 Jacob Kohn Autos and Television Center Building Jenswold Motor Company-Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed	SL-DUL-02649		Landscape, Park	130 1st St. E	Listed
Louis Cty health Dept.   Commerce/Trade, Specialty Store   222 Superior St. E.   Listed	SL-DUL-00241	Orpheum Theatre	Recreation and Culture, Theater	8-12 North 2nd Ave. E.	Listed
SL-DUL-00083 House Domestic, Single Dwelling 108 2nd St. E. Not Eligible  SL-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store 16-18 North 2nd Ave. E. Listed  SL-DUL-00084 Commercial building Commerce/Trade, Specialty Store 112 2nd St. E. Not Eligible  SL-DUL-00109 Surplus electronics-commercial building Commerce/Trade, Specialty Store 125 1st St. E. Listed  SL-DUL-00211 Jacob Kohn Autos and Television Center Building Jenswold Motor Company- Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed	SL-DUL-00210	1	Commerce/Trade, Specialty Store	222 Superior St. E.	Listed
SL-DUL-00243 Duluth Cleaners and Dyers Commerce/Trade, Specialty Store 16-18 North 2nd Ave. E. Listed  SL-DUL-00084 Commercial building Commerce/Trade, Specialty Store 112 2nd St. E. Not Eligible  SL-DUL-00109 Surplus electronics-commercial building Commerce/Trade, Specialty Store 125 1st St. E. Listed  SL-DUL-00211 Jacob Kohn Autos and Television Center Building Jenswold Motor Company- Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed	SL-DUL-00083		Domestic, Single Dwelling	108 2nd St. E.	Not Eligible
SL-DUL-00109  Surplus electronics-commercial building  SL-DUL-00211  SL-DUL-00211  SL-DUL-00214  SL-DUL-0047  SL-DUL-0047  SL-DUL-0047  SL-DUL-0047  SL-DUL-0047  SL-DUL-0047  SL-DUL-0047  Surplus electronics-commercial building  Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed  Listed  Listed	SL-DUL-00243	Duluth Cleaners and Dyers			
SL-DUL-00109 building Commerce/Trade, Specialty Store 125 1st St. E. Listed  SL-DUL-00211 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed  SL-DUL-00147 Jenswold Motor Company- Commerce/Trade, Specialty Store 202-206 1st St. E. Listed	SL-DUL-00084	Commercial building	Commerce/Trade, Specialty Store	112 2nd St. E.	Not Eligible
SL-DUL-00211 Jacob Kohn Autos and Television Center Building Commerce/Trade, Specialty Store 228-230 Superior St. E. Listed  SL-DUL-00147 Jenswold Motor Company- Commerce/Trade, Specialty Store 202-206 1st St. E. Listed	SL-DUL-00109		Commerce/Trade, Specialty Store	125 1st St. E.	Listed
SL-DLII -00147 Jenswold Motor Company- Commerce/Trade, Specialty Store, 202-206 1st St. F. Listed	SL-DUL-00211	Jacob Kohn Autos and	Commerce/Trade, Specialty Store	228-230 Superior St. E.	Listed
	SL-DUL-00147		Commerce/Trade, Specialty Store	202-206 1st St. E.	Listed

Resource No.	Name	Resource Type	Address/Location	NRHP Eligibility
SL-DUL-02550	KBIR TV		230 E. Superior St.	Not Eligible
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SL-DUL-00209	Albert Salter Saloon	Commerce/Trade, Specialty Store	101-107-109-111-113 N 2nd	Listed
SL-DUL-03874	Pastoret Terrace	Domestic, Multiple Dwelling	Ave E	Not Eligible
SL-DUL-00085	House	Domestic, Single Dwelling	118 2nd St. E.	Not Eligible
SL-DUL-00148	Parisian Dry Cleaners	Commerce/Trade, Specialty Store	208 1st St. E.	Listed
SL-DUL-00149	Motor Mart	Commerce/Trade, Specialty Store	210 1st St. E.	Listed
SL-DUL-00110	Pastoret Terrace	Commerce/Trade, Specialty Store	127-129 1st St. E.	Listed
SL-DUL-00150	Duluth Ford Exchange	Commerce/Trade, Specialty Store	214-216 1st St. E.	Listed
SL-DUL-00151	Turner Automobiles	Commerce/Trade, Specialty Store	218-222 1st St. E.	Listed
SL-DUL-00111	Shrine Temple	Social, Meeting Hall	201-207 1st St. E.	Listed
SL-DUL-00086	St. Regis Apartments	Domestic, Multiple Dwelling	117-129 North 2nd Ave. E.	Not Eligible
SL-DUL-00179	Hotel Duluth	Domestic, Hotel	219-231 Superior St. E.	Listed
SL-DUL-00112	Peterson Building-Scarlett Feed Store	Commerce/Trade, Specialty Store	213-215 1st St. E.	Listed
SL-DUL-02650	Parking lot	Landscape, Parking Lot	226-232 1st St. E	Listed
SL-DUL-00113	Union Gospel Mission-Martin Hotel	Commerce/Trade, Specialty Store	217-219 1st St. E.	Listed
SL-DUL-00114	Johnson Supply Co commercial building	Commerce/Trade, Specialty Store	231 1st St. E.	Not Eligible
SL-DUL-00087	King Manor	Domestic, Multiple Dwelling	222 2nd St. E.	Not Eligible
Secondary Subarea (80 R	Resources)			
SL-DUL-03941	Bridge 69820 (Jay Cooke Plaza Tunnel/Superior East Tunnel)	Transportation, Road-Related (Vehicular)	I-35 between 8th and 9th Avenues East	Potentially Eligible
SL-DUL-01096	House	Domestic, Multiple Dwelling	712 E 1st St	Not Eligible
SL-DUL-01098	Double House	Domestic, Multiple Dwelling	718-720 E 1st St	Not Eligible
SL-DUL-01871	Apartment	Domestic, Multiple Dwelling	116 N 7th Ave E	Not Eligible
SL-DUL-01095	Double House	Domestic, Multiple Dwelling	709-711 E 1st St	Potentially Eligible
SL-DUL-01100	Apartments	Domestic, Multiple Dwelling	722-724 E 1st St	Not Eligible
SL-DUL-01094	House	Domestic, Single Dwelling	707 1st St. E.	Not Eligible
SL-DUL-01872	Duplex	Domestic, Multiple Dwelling	118-120 N 7th Ave E	Not Eligible
SL-DUL-00831	Sir Benedict's Tavern on the Lake	Commerce/Trade, Specialty Store	805 E Superior St	Not Eligible
SL-DUL-01874	Duplex	Domestic, Multiple Dwelling	122 N 7th Ave E	Not Eligible
SL-DUL-01097	Adams	Domestic, Multiple Dwelling	715 E 1st St	Not Eligible
SL-DUL-01280	Williams Apartments	Domestic, Multiple Dwelling	702-704 E 2nd St	Not Eligible
SL-DUL-01099	St. Elmo Building	Domestic, Multiple Dwelling	721 E 1st St	Not Eligible
SL-DUL-01101	Oxford Building	Domestic, Multiple Dwelling	725-727 E 1st St	Not Eligible
SL-DUL-00581	Jay Cooke Monument	Recreation and Culture,  Monument/Marker	London Rd. & Superior St.	Not Eligible
SL-DUL-03682	Hollywood	Domestic, Multiple Dwelling	708-710 E 2nd St	Not Eligible
SL-DUL-01102	Berkshire Apartments	Domestic, Multiple Dwelling	731 E 1st St	Not Eligible
SL-DUL-00832	Kitchi Gammi Club	Social, Meeting Hall	831 E Superior St	Listed
SL-DUL-01281	Apartment	Domestic, Multiple Dwelling	711 E 2nd St	Not Eligible
SL-DUL-01282 SL-DUL-01283	Apartments Apartment	Domestic, Multiple Dwelling  Domestic, Multiple Dwelling	713-717 E 2nd St 719 E 2nd St	Not Eligible  Not Eligible
SL-DUL-01877	Duplex	Domestic, Multiple Dwelling	118-120 N 8th Ave	Not Eligible
SL-DUL-01878	Apartment	Domestic, Multiple Dwelling	122-126 N 8th Ave E	Not Eligible
SL-DUL-01103	Lafayette Apartments	Domestic, Multiple Dwelling	815 E 1st St	Not Eligible
SL-DUL-01106	United Baptist Christian Church	Religion, Religious Facility	830 E 1st St	Not Eligible
SL-DUL-01879	Duplex	Domestic, Multiple Dwelling	128-130 N 8th Ave E	Not Eligible
SL-DUL-01104	Apartment	Domestic, Multiple Dwelling	821 E1st St	Not Eligible
SL-DUL-01430	House	Domestic, Single Dwelling	707 E 3rd St	Not Eligible
SL-DUL-01286	House	Domestic, Single Dwelling	824 E 2nd St	Not Eligible
SL-DUL-01105	Greysolon Apartments	Domestic, Multiple Dwelling	823-833 1st St E	Not Eligible
SL-DUL-01431	House	Domestic, Single Dwelling	711 3rd St. E.	Not Eligible
SL-DUL-01284 SL-DUL-01107	Duplex Karpeles Manuscript Library	Domestic, Multiple Dwelling  Recreation and Culture, Museum	812-814 E 2nd St 902 E 1st St	Not Eligible  Not Eligible
SL-DUL-01875	Apartments	Domestic, Multiple Dwelling	318 North 7th Ave. E.	Not Eligible
SL-DUL-01875 SL-DUL-01882	Kimball Flats	Domestic, Multiple Dwelling  Domestic, Multiple Dwelling	109-111 N 9th Ave E	Not Eligible
SL-DUL-03165	House	Domestic, Multiple Dwelling	814 E. 2nd St.	Not Eligible
SL-DUL-01285	House	Domestic, Single Dwelling	822 E 2nd St	Not Eligible
SL-DUL-01599	Willow Apartment	Domestic, Multiple Dwelling	702-712 E 4th St	Not Eligible

Resource No.	Name	Resource Type	Address/Location	NRHP Eligibility
SL-DUL-03816	Duplex	Domestic, Multiple Dwelling	801-803-805 2nd St E	Not Eligible
	Rowhouse			Potentially Eligible
SL-DUL-03030 SL-DUL-01288	Row Flats	Domestic, Multiple Dwelling  Domestic, Multiple Dwelling	121 North 9th Ave. E. 826-834 E 2nd St	Not Eligible
SL-DUL-03031	Rowhouse	Domestic, Multiple Dwelling	123 North 9th Ave. E.	Potentially Eligible
SL-DUL-03031	Rowhouse	Domestic, Multiple Dwelling	125 North 9th Ave. E.	Potentially Eligible Potentially Eligible
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SL-DUL-01880	Apartments	Domestic, Multiple Dwelling	301 N 8th Ave E	Not Eligible
SL-DUL-01600	Henry Halkman Store & Flats	Commerce/Trade, Specialty Store		Not Eligible
SL-DUL-01883	Row Flats	Domestic, Multiple Dwelling	119-125 N 9th Ave E	Listed
SL-DUL-01881	Duplex	Domestic, Multiple Dwelling	305-307 N 8th Ave E	Not Eligible
SL-DUL-01108	Albemarle Apartments	Domestic, Multiple Dwelling	914-916 1st St. E.	Not Eligible
SL-DUL-03694	House	Domestic, Single Dwelling	716 E 4th St	Not Eligible
SL-DUL-03676	Yorkleigh	Domestic, Multiple Dwelling	1017 London Rd	Not Eligible
SL-DUL-01110	Apartments	Domestic, Multiple Dwelling	926-926 1/2 1st St. E.	Not Eligible
SL-DUL-01287	Apartment	Domestic, Multiple Dwelling	825-827 E 2nd St	Not Eligible
SL-DUL-03820	Apartment Building	Domestic, Multiple Dwelling	810-812 3rd St E	Not Eligible
SL-DUL-03695	Duplex	Domestic, Multiple Dwelling	720 E 4th St	Not Eligible
SL-DUL-03821	Apartment Building	Domestic, Multiple Dwelling	820-822 3rd St E	Not Eligible
SL-DUL-04002	Bridge L6130	Transportation, Road-Related (Vehicular)	PLAZA over MSAS 148(10TH AVE E)	Not Eligible
SL-DUL-03677	First Lutheran ELCA	Religion, Religious Facility	1100 E Superior St	Not Eligible
SL-DUL-01432	House	Domestic, Single Dwelling	831 E 3rd St	Not Eligible
SL-DUL-03734	Melrose	Domestic, Multiple Dwelling	402-414 N 8th Ave E	Not Eligible
SL-DUL-04123	Mechanical Building	Other, (Blank)	1121 London Road	Potentially Eligible
SL-DUL-01434	Jefferson School	Domestic, Multiple Dwelling	916 E 3rd St	Not Eligible
SL-DUL-03832	Duplex	Domestic, Multiple Dwelling	822-824 4th St E	Not Eligible
SL-DUL-03831	Duplex	Domestic, Multiple Dwelling	811 4th St E	Not Eligible
SL-DUL-01291	House	Domestic, Single Dwelling	1020 2nd St. E.	Not Eligible
SL-DUL-01884	Apartment	Domestic, Multiple Dwelling	312-314 N 9th Ave E	Not Eligible
SL-DUL-00582	Apartments	Domestic, Multiple Dwelling	1121-1123 London Rd.	Not Eligible
SL-DUL-01289	House	Domestic, Single Dwelling	1007-1009 2nd St. E.	Not Eligible
SL-DUL-01293	House	Domestic, Single Dwelling	1030 2nd St. E.	Not Eligible
SL-DUL-00833	Louis S. Loeb House	Domestic, Single Dwelling	1123 Superior St. E.	Not Eligible
SL-DUL-01436	St. Paul's German Evangelical	Religion, Religious Facility	932 E 3rd St	Not Eligible
	Lutheran Church	3 1 3		<u> </u>
SL-DUL-01290	Duplex	Domestic, Multiple Dwelling	1017-1019 2nd St. E.	Not Eligible
SL-DUL-01435	Apartments	Domestic, Multiple Dwelling	929-931 E 3rd St	Not Eligible
SL-DUL-01292	Apartments	Domestic, Multiple Dwelling	1021-1025 2nd St. E.	Not Eligible
SL-DUL-01113	House	Domestic, Single Dwelling	1131 1st St. E.	Not Eligible
SL-DUL-01111	House	Domestic, Single Dwelling	1115 1st St. E.	Not Eligible
SL-DUL-03696	Double House	Domestic, Multiple Dwelling	920-922 E 4th St	Not Eligible
SL-DUL-00192	Bijou Theater	Commerce/Trade, Specialty Store	12-14 Superior St. E.	Listed
SL-DUL-01294	Apartment	Domestic, Multiple Dwelling	1106 E 2nd St	Not Eligible
SL-DUL-01601	House	Domestic, Single Dwelling	915 4th St. E.	Not Eligible
SL-DUL-03683	Apartment	Domestic, Multiple Dwelling	1031 E 2nd St	Not Eligible
SL-DUL-01602	Apartments	Domestic, Multiple Dwelling	932 4th St. E.	Not Eligible
SL-DUL-01603	Mandan Block	Commerce/Trade, Specialty Store	926-932 E 4th St	Not Eligible
SL-DUL-03877	Rowhouse	Domestic, Multiple Dwelling	201-203-205-207 N 11th Ave E	Not Eligible
SL-DUL-01112	William Heimbach House	Domestic, Single Dwelling	1123 1st St. E.	Not Eligible
SL-DUL-01895	Hillman Realty & House	Commerce/Trade, Specialty Store	20 N 12th Ave E	Not Eligible
SL-DUL-03684	Apartment	Domestic, Multiple Dwelling	1108-1110 E 2nd St	Not Eligible
SL-DUL-03685	Apartment	Domestic, Multiple Dwelling	1112-1114 E 2nd St	Not Eligible
SL-DUL-01297	Apartment	Domestic, Multiple Dwelling	1120-1124 E 2nd St	Not Eligible
SL-DUL-01114	Chester Terrace Apartments	Domestic, Multiple Dwelling	1210-1232 E 1st St	Listed
SL-DUL-00583	Duluth Armory	Defense, Arms Storage	1301-1305 London Rd	Listed
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