



Minnesota Department of Natural Resources

Division of Ecological Resources, Box 25

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April 6, 2009

Correspondence # ERDB 20090697

M. Michaela Ahern
City of Bloomington
1800 W. Old Shakopee Rd.
Bloomington, MN 55431

RE: Natural Heritage information in the vicinity of the proposed Alternative Urban Areawide Review, Update #1; T27N R24W S1, 12, 13 and T27N R23W S5-8, 18; Hennepin County

Dear M. Ahern,

The Minnesota Natural Heritage Information System has been queried to determine if any rare species or other significant natural features are known to occur within an approximate one-mile radius of the proposed project. For the results of this query, please refer to the enclosed database reports (please visit the Rare Species Guide at <http://www.dnr.state.mn.us/rsg/index.html> for more information on the biology, habitat use, and conservation measures of these rare species). As requested per the data request form, I am providing the database reports only and have not evaluated the potential for the proposed project to negatively impact these rare features. Please note that the AUAR should address whether the proposed project has the potential to negatively impact these rare features and, if so, any avoidance or mitigation measures that will be implemented.

The enclosed reports include records from the Rare Features Database only. The AUAR should also include information on the MCBS Native Plant Communities and the MCBS Sites of Biodiversity Significance. GIS shapefiles of these databases can be downloaded from the DNR's Data Deli website at <http://deli.dnr.state.mn.us>. Please refer to the enclosed Guidelines for help in interpreting this data.

In addition, several Central Region Regionally Significant Ecological Areas (RSEA) are located within the AUAR. The DNR Central Region (in partnership with the Metropolitan Council for the 7-county metro area), identified these ecologically significant terrestrial and wetland areas by conducting a landscape-scale assessment based on the size and shape of the ecological area, land cover within the ecological area, adjacent land cover/use, and connectivity to other ecological areas. The purpose of the data is to inform regional scale land use decisions, especially as it relates to balancing development and natural resource protection. A GIS shapefile of this data layer can be downloaded from the DNR Data Deli at <http://deli.dnr.state.mn.us>. For more information on RSEAs, or to view pdf versions of the final maps, please visit <http://www.dnr.state.mn.us/rsea/index.html>. If you would like help interpreting the RSEA data, contact Hannah Texler, Regional Plant Ecologist for DNR's Central Region, at 651-259-5811 or hannah.texler@dnr.state.mn.us.

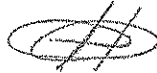
The Natural Heritage Information System (NHIS), a collection of databases that contains information about Minnesota's rare natural features, is maintained by the Division of Ecological Resources, Department of Natural Resources. The NHIS is continually updated as new information becomes available, and is the most complete source of data on Minnesota's rare or otherwise significant species, native plant communities, and other natural features. However, the NHIS is not an exhaustive inventory and thus does not represent all of the occurrences of rare features within the state. Therefore, ecologically significant features for which we have no records may exist within the project area.

The enclosed results include an Index Report and a Detailed Report of records in the Rare Features Database, the main database of the NHIS. To control the release of specific location information, which might result in the destruction of a rare feature, both reports are copyrighted.

The Index Report provides rare feature locations only to the nearest section, and may be reprinted, unaltered, in an environmental review document (e.g., EAW or EIS), municipal natural resource plan, or report compiled by your company for the project listed above. If you wish to reproduce the index report for any other purpose, please contact me to request written permission. **The Detailed Report is for your personal use only as it may include specific location information that is considered nonpublic data under *Minnesota Statutes*, section 84.0872, subd. 2. If you wish to reprint or publish the Detailed Report for any purpose, please contact me to request written permission.**

This letter does not constitute review or approval by the Department of Natural Resources as a whole. Instead, it identifies issues regarding known occurrences of rare features and potential effects to these rare features. Additional rare features for which we have no data may be present in the project area, or there may be other natural resource concerns associated with the proposed project. For these concerns, please contact your DNR Regional Environmental Assessment Ecologist, Wayne Barstad, at (651) 259-5738. Please be aware that additional site assessments or review may be required. Thank you for consulting us on this matter, and for your interest in preserving Minnesota's rare natural resources.

Sincerely,



Heidi Cyr
Endangered Species Environmental Review Specialist

enc. Rare Features Database: Index Report
Rare Features Database: Detail Report
Rare Features Database Reports: An Explanation of Fields
Fact sheets: MCBS Biodiversity Significance Guidelines

Client ID # 430

Minnesota Natural Heritage Information System: Rare Features Database

Index Report of records within 1 mile radius of:
 Alternative Urban Area-wide Review, Update #1
 T27N R24W S1, 12, 13 and T27N R23W S6-8, 18
 Hennepin County

Printed March 2009
 Data valid for one year

Element Name and Occurrence Number	Federal Status	MIN Status	State Rank	Global Rank	Last Observed Date	EO ID #
Blue Earth, Brown, Carver, Chippewa, [...] County, MN						
<u>Polyodon spathula</u> (Paddlefish) #4		THR	S2	G4	2004-12-04	16501
Location Description: T27N R24W S23, T115N R23W S16, T115N R23W S17, T115N R38W S28, T [...]						
Blue Earth, Brown, Carver, Dakota, [...] County, MN						
<u>Arcidens confragosus</u> (Rock Pocketbook) #26		END	S1	G4	2006-11-PRE	33200
Location Description: T114N R25W S35, T109N R29W S7, T109N R30W S12, T114N R24W S30, T [...]						
<u>Lampsilis teres</u> (Yellow Sandshell) #10		END	S1	G5	1989-10-09	17146
Location Description: T109N R27W S36, T111N R26W S22, T111N R26W S21, T115N R23W S20, T [...]						
Dakota County, MN						
<u>Calcareous Fen (Southeastern) Type #10</u>		N/A	S1	GNR	1980	243
Location Description: T27N R23W S18						
<u>Calcareous Fen (Southeastern) Type #11</u>		N/A	S1	GNR	1994-05-27	244
Location Description: T27N R23W S4						
<u>Calcareous Fen (Southeastern) Type #25</u>		N/A	S1	GNR	1993-07-21	16550
Location Description: T27N R23W S19, T27N R24W S24						
<u>Calcareous Fen (Southeastern) Type #28</u>		N/A	S1	GNR	1994-07-20	20941
Location Description: T28N R23W S33, T28N R23W S34						
<u>Calcareous Fen (Southeastern) Type #29</u>		N/A	S1	GNR	1994-10-13	20942
Location Description: T27N R23W S19, T27N R23W S18						
<u>Calcareous Fen (Southeastern) Type #30</u>		N/A	S1	GNR	1993-09	20943
Location Description: T27N R23W S19, T27N R23W S18						
<u>Carex sterilis</u> (Sterile Sedge) #3		THR	S2	G4	1982-05-18	4096
Location Description: T27N R23W S4, T27N R23W S5						
<u>Carex sterilis</u> (Sterile Sedge) #7		THR	S2	G4	1994-10-13	4099
Location Description: T27N R24W S24, T27N R23W S19, T27N R23W S18						
<u>Cyrtopodium candidum</u> (Small White Lady's-slipper) #22		SPC	S3	G4	1982-05-18	4304
Location Description: T27N R23W S5, T27N R23W S4						
<u>Cyrtopodium candidum</u> (Small White Lady's-slipper) #24		SPC	S3	G4	1982-05-18	4306
Location Description: T27N R23W S18						

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Dakota County, MN						
<u>Cypripedium candidum</u> (Small White Lady's-slipper) #217 Location Description: T28N R23W S33		SPC	S3	G4	1993-06-02	17275
<u>Cypripedium candidum</u> (Small White Lady's-slipper) #260 Location Description: T27N R23W S19, T27N R23W S18		SPC	S3	G4	1993-06	20946
<u>Haliaeetus leucocephalus</u> (Bald Eagle) #2113 Location Description: T28N R23W S33, T28N R23W S32		SPC	S3B,S3N	G5	2007-05-16	26990
<u>Native Plant Community - Undetermined Class</u> #2133 Location Description: T27N R24W S24		N/A	SNR	GNR	1994-10-13	2889
<u>Rhynchospora capillacea</u> (Hair-like Beak-rush) #1 Location Description: T27N R23W S18, T27N R23W S19		THR	S2	G4	1942-08-16	5427
<u>Seleria verticillata</u> (Whorled Nut-rush) #1 Location Description: T27N R23W S18, T27N R23W S19		THR	S2	G5	1941-09-19	5563
<u>Spikerush - Bur Reed Marsh (Prairie) Type</u> #1194 Location Description: T28N R23W S33		N/A	S3	GNR	1994-08-25	20948
<u>Spikerush - Bur Reed Marsh (Prairie) Type</u> #1243 Location Description: T27N R23W S8, T27N R23W S5		N/A	S3	GNR	1994-08-29	20947
<u>Valeriana edulis ssp. ciliata</u> (Valerian) #9 Location Description: T27N R23W S18		THR	S2	G5T3	1980-05-22	5834
<u>Valeriana edulis ssp. ciliata</u> (Valerian) #13 Location Description: T27N R23W S4		THR	S2	G5T3	1982-05-18	5838
<u>Valeriana edulis ssp. ciliata</u> (Valerian) #50 Location Description: T27N R24W S24		THR	S2	G5T3	1993-06-03	16611
Dakota, Hennepin County, MN						
<u>Actinonaias ligamentina</u> (Mucket) #95 Location Description: T27N R24W S13		THR	S2	G5	1989-08-31	17131
<u>Besseyia bullii</u> (Kitten-tails) #18 Location Description: T28N R23W S31, T27N R23W S6, T28N R23W S29, T28N R23W S32, T [...]		THR	S2	G3	1900-PRE	3781
<u>Elliptio dilatata</u> (Spike) #106 Location Description: T27N R24W S13		SPC	S3	G5	1989-08-31	29498

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Dakota, Hennepin County, MN						
<u>Freshwater Mussel Concentration Area (Mussel Sampling Site) #141</u> Location Description: T27N R24W S13		N/A	SNR	G3	1989-08-31	14981
<u>Freshwater Mussel Concentration Area (Mussel Sampling Site) #142</u> Location Description: T27N R23W S8, T27N R23W S5		N/A	SNR	G3	1989-08-29	14982
<u>Haliaeetus leucocephalus (Bald Eagle) #1156</u> Location Description: T27N R23W S6, T27N R23W S5		SPC	S3B,S3N	G5	2005-05	15903
<u>Ichtiobus niger (Black Buffalo) #18</u> Location Description: T27N R24W S13, T27N R24W S24, T27N R24W S29		SPC	S3	G5	2006-05-19	30131
<u>Ligumia recta (Black Sandshell) #94</u> Location Description: T27N R24W S13		SPC	S3	G5	1989-08-31	17156
<u>Megaloniaias nervosa (Washboard) #26</u> Location Description: T27N R24W S29, T27N R24W S13, T27N R24W S23, T27N R24W S22		THR	S2	G5	2006-11-PRE	34259
<u>Notropis anogenus (Pugnose Shiner) #74</u> Location Description: T27N R24W S13, T27N R23W S18		SPC	S3	G3	1926-08-17	29841
<u>Speyeria idalia (Regal Fritillary) #43</u> Location Description: T27N R24W S13, T27N R23W S18, T27N R23W S19		SPC	S3	G3	1968-07-10	23537
<u>Tritogonia verrucosa (Pistolgrip) #29</u> Location Description: T27N R24W S13		THR	S2	G4G5	1989-08-31	17135
Dakota, Hennepin, Ramsey, Scott County, MN						
<u>Arcidens confragosus (Rock Pocketbook) #11</u> Location Description: T28N R22W S6, T115N R21W S9, T27N R23W S5, T28N R23W S28, T [...]		END	S1	G4	2005-09-08-09	17106
<u>Fusconaia ebena (Ebonyshell) #8</u> Location Description: T28N R23W S22, T28N R23W S27, T27N R24W S13, T115N R21W S6, T [...]		END	S1	G4G5	2001-07-PRE	17119
<u>Quadrula nodulata (Wartyback) #10</u> Location Description: T28N R22W S7, T28N R23W S28, T28N R23W S14, T27N R24W S27, T [...]		END	S1	G4	2007-09-26	17141
Dakota, Hennepin, Scott County, MN						
<u>Eliphtio crassidens (Elephant-ear) #7</u> Location Description: T27N R24W S13, T27N R24W S28, T115N R21W S9, T27N R24W S29, T [...]		END	S1	G5	1977-PRE	28164

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Hennepin County, MN						
<u>Falco peregrinus</u> (Peregrine Falcon) #46 Location Description: T27N R23W S6	No Status	THR	S2B	G4	1992	11029
<u>Haliaeetus leucocephalus</u> (Bald Eagle) #311 Location Description: T27N R23W S7		SPC	S3B,S3N	G5	1991	9674
<u>Haliaeetus leucocephalus</u> (Bald Eagle) #2111 Location Description: T27N R23W S7		SPC	S3B,S3N	G5	2001	26995
<u>Haliaeetus leucocephalus</u> (Bald Eagle) #2351 Location Description: T27N R24W S13, T27N R24W S24		SPC	S3B,S3N	G5	2005	31995
<u>Southern Wet Ash Swamp Class</u> #39 Location Description: T27N R24W S13, T27N R24W S14, T27N R24W S23		N/A	S2	GNR	1995-06-22	21563
<u>Southern Wet Ash Swamp Class</u> #41 Location Description: T27N R24W S13, T27N R24W S14		N/A	S2	GNR	1995-06-20	21564

Records Printed = 46