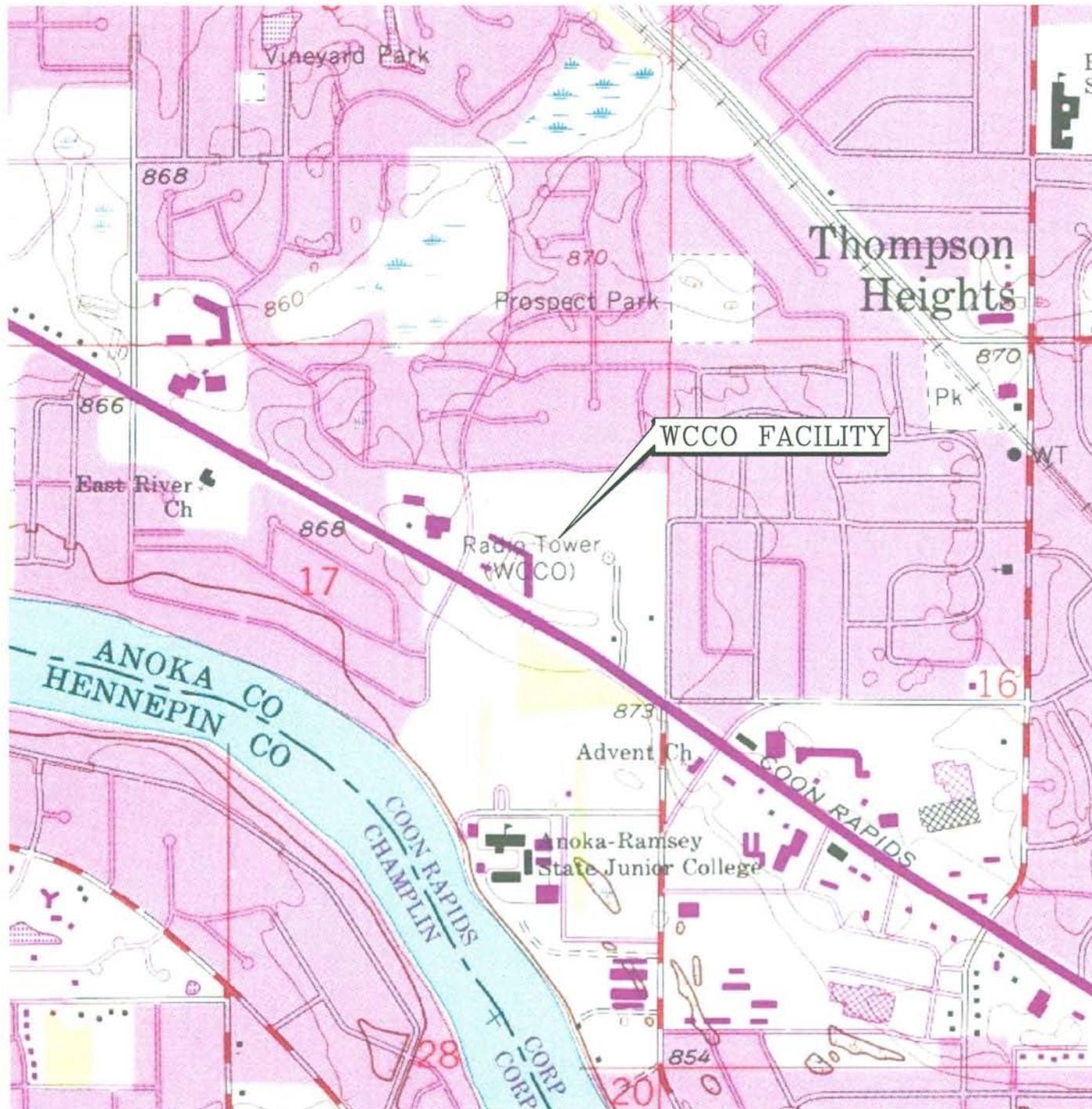


**APPENDIX A**  
**Figures**

DRAFT



Project Mng:	DRP	Project No:	20089063
Drawn By:	DJS	Scale:	NTS
Checked By:	DRP	Date:	2/4/09
Approved By:	DRP		

**Terracon**  
 Consulting Engineers and Scientists

301 N. HOWES FORT COLLINS, CO 80521  
 PH (970) 484-0359 FAX (970) 484-0454

FIGURE 1: SITE VICINITY MAP
WCCO
3237 COON RAPIDS BLVD. COON RAPIDS, MINNESOTA
File No. N:\Projects\2008\25089063\figures\Figure 1 - topo.dwg

FIG. No.
1



REVISION: 1	DATE: 03-24-09	BY: BMD	APPROVED BY: DRP
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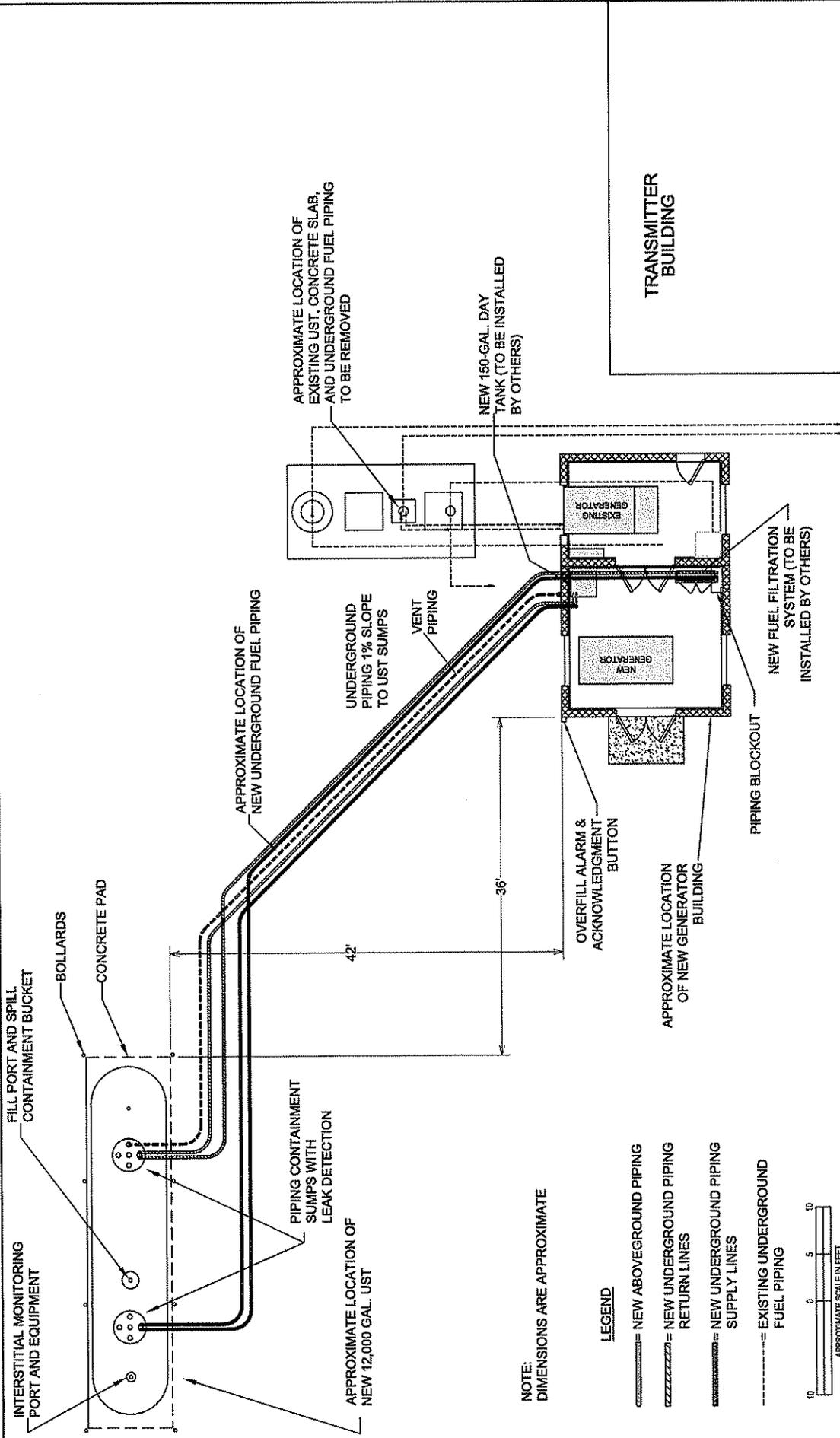
Project Mng:	DRP	Project No:	25089063
Drawn By:	DJS	Scale:	NTS
Checked By:	DRP	Date:	2/4/09
Approved By:	DRP		

**Terracon**  
Consulting Engineers and Scientists

301 N. HOWES FORT COLLINS, CO 80521  
PH. (970) 484-0358 FAX. (970) 484-0454

FIGURE 2: SITE AERIAL DIAGRAM
WCCO 3237 COON RAPIDS BLVD. COON RAPIDS, MINNESOTA
File No. N:\Projects\2008\25089063\EA report attachments\Figure 2 - aerial.dwg

FIG. No.  2
-------------------



NOTE:  
DIMENSIONS ARE APPROXIMATE

- LEGEND**
- = NEW ABOVEGROUND PIPING
  - - - = NEW UNDERGROUND PIPING RETURN LINES
  - · · = NEW UNDERGROUND PIPING SUPPLY LINES
  - - - - = EXISTING UNDERGROUND FUEL PIPING

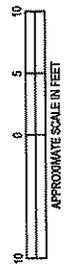


FIG. No. **3**

**WCCO TRANSMITTER SITE**  
3237 COON RAPIDS BLVD.  
COON RAPIDS, MINNESOTA

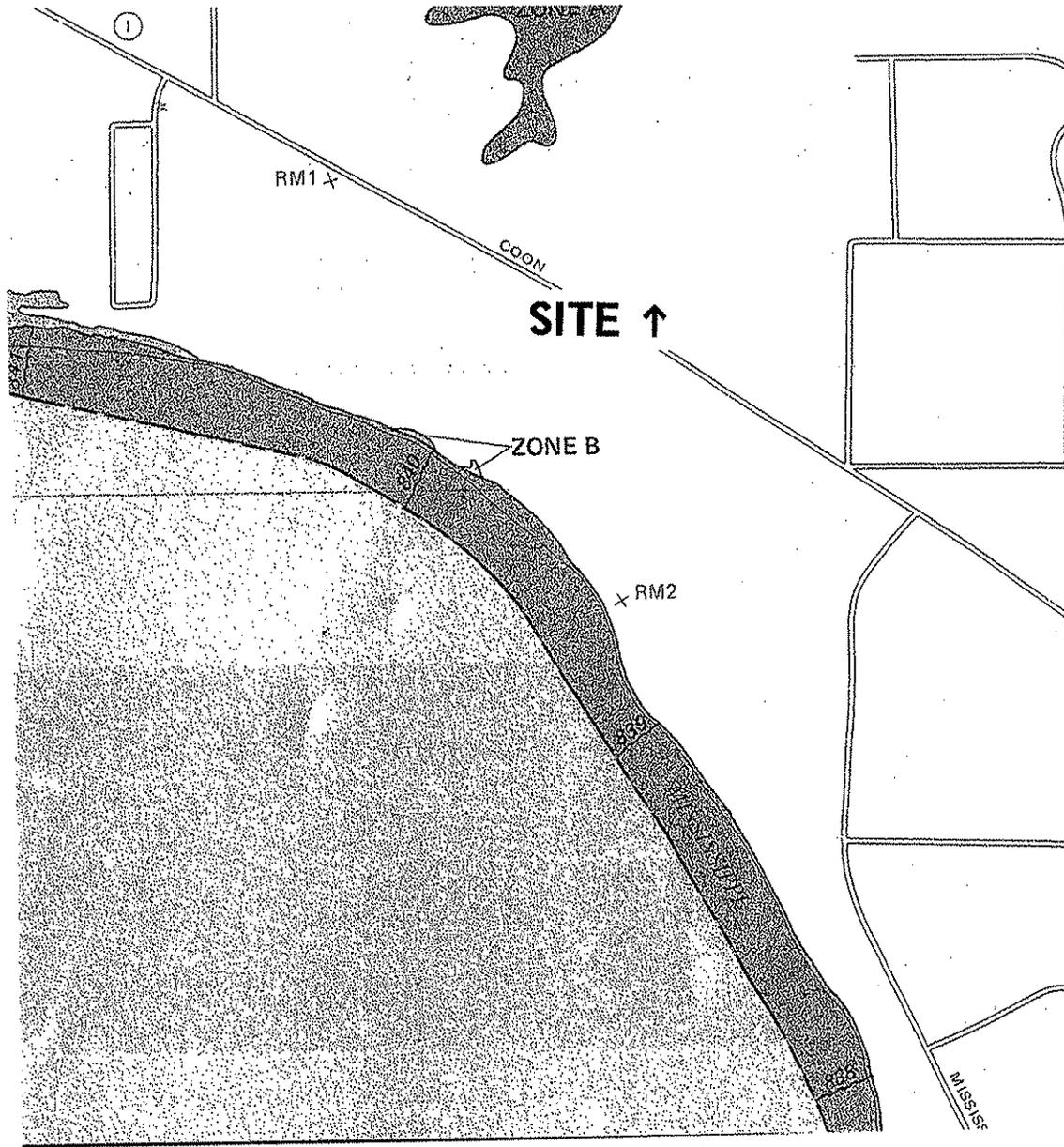
Project No.	2988983
Drawn By	BMD
Checked By	DJS
Reviewed By	DRP
Date	03/24/09
Project	AS NOTED
Sheet	2988983-3
Scale	AS NOTED
Drawn	DRP
Checked	DRP
Reviewed	DRP
Date	03/24/09
Project	2988983
Drawn By	BMD
Checked By	DJS
Reviewed By	DRP
Date	03/24/09

**Terrecon**  
Consulting Engineers and Scientists  
3211 WISNES  
PO BOX 04250  
ST. PAUL, MN 55104  
TEL: (612) 442-5200  
FAX: (612) 442-5204

REVISION:	DATE:	BY:	APPROVED BY:
1	03-24-09	BMD	DRP



NORTH



Source: Flood Insurance Rate Map (FIRM):City of Coon Rapids, Anoka County, Minnesota

Figure 4  
FIRM MAP  
Map No.H&I-02  
Community No. 270011A  
Dated: March 15, 1977

**Terracon**

PROJECT  
WCCO Transmitter Site  
3237 Coon Rapids Boulevard  
Coon Rapids, Minnesota  
PROJECT NO. 25089063



NORTH

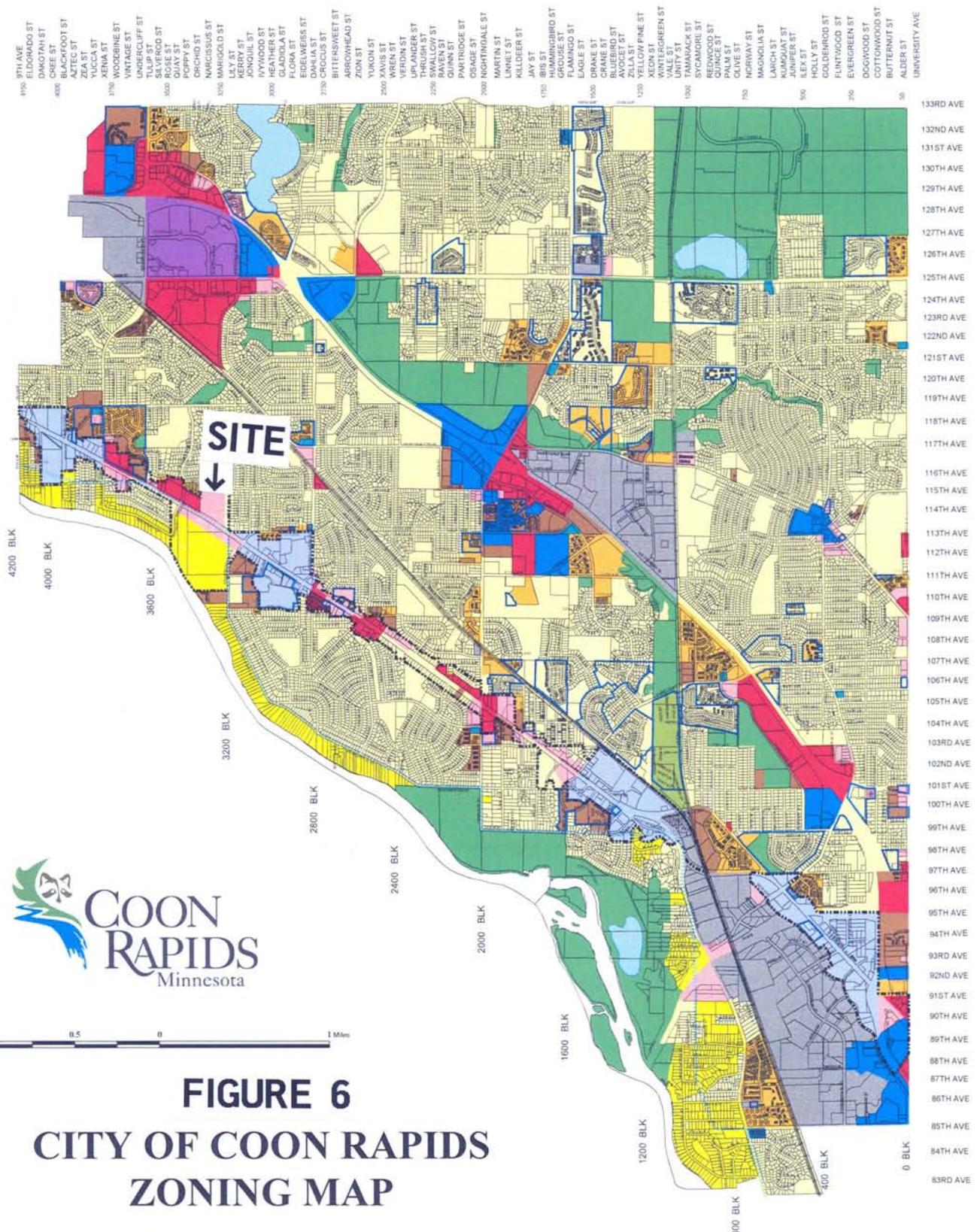


Source: National Wetlands Inventory Map: Coon Rapids, Minnesota Quadrangle

Figure 5  
WETLANDS MAP

**Terracon**

PROJECT  
WCCO Transmitter Site  
3237 Coon Rapids Boulevard  
Coon Rapids, Minnesota  
PROJECT NO. 25089063



**FIGURE 6**  
**CITY OF COON RAPIDS**  
**ZONING MAP**

Residential	Commercial	Other	Overlay
LOW DENSITY 1 (LDR1)	COMMUNITY	OFFICE	RIVER RAPIDS OVERLAY DISTRICT
LOW DENSITY 2 (LDR2)	GENERAL	INDUSTRIAL	MISSISSIPPI RIVER CRITICAL AREA OVERLAY DISTRICT
MODERATE DENSITY	NEIGHBORHOOD	CONSERVANCY	PLANNED UNIT DEVELOPMENT
HIGH DENSITY	REGIONAL SHOPPING	PORT	
MOBILE HOME			



September 2008



**Photo #1** Representative view of the northern portion of the site, looking to the north from the WCCO buildings on the property.



**Photo #2** Representative view of the northerly adjoining residential properties.



**Photo #3** Representative view of the southerly adjoining Coon Rapids Boulevard, followed by the Anoka-Ramsey College property.



**Photo #4** View of the southern portion of the site, looking to the west along the southern border, towards the WCCO site buildings.



**Photo #5** View of the site, looking to the southeast across the site towards the easterly adjoining residential properties.



**Photo #6** View of the easterly adjoining residential properties (corner of 115<sup>th</sup> Avenue NW & Lilly Avenue).



**Photo #7** View of the site, looking towards the westerly adjoining strip mall and residences.



**Photo #8** Representative view of the westerly adjoining strip mall and residences.



**Photo #9** View of the current UST area and generator building. The Proposed Action would install the new UST system in the same general area of previously disturbed land on the WCCO Transmitter Site.



**Photo #10** Representative view of the two mixed woods groves located on the WCCO property.

**APPENDIX B**  
**Agencies Correspondence**

DRAFT

**Hupp, Susan D.**

---

**From:** Mueller, Nicholas [nicholas.mueller@dhs.gov]  
**Sent:** Thursday, October 01, 2009 1:04 PM  
**To:** Hupp, Susan D.  
**Subject:** FW: Environmental Consultation Request- WCCO Transmitter Site Coon Rapids, Anoka County

Here is the USFWS email for the WCCO project. Still waiting on MN DNR

---

**From:** Nick\_Rowse@fws.gov [mailto:Nick\_Rowse@fws.gov]  
**Sent:** Monday, September 28, 2009 15:29  
**To:** Mueller, Nicholas  
**Subject:** Re: Environmental Consultation Request- WCCO Transmitter Site Coon Rapids, Anoka County

Nicholas Mueller  
Environmental Protection Specialist  
FEMA Region V

Dear Nicholas,

Our records indicate there are no federally listed or proposed species and/or designated or proposed critical habitat within the action area of the proposed project. If project plans change, additional information on listed or proposed species becomes available, or new species are listed that may be affected by the project, consultation should be reinitiated. This concludes section 7 consultation for proposed construction at the above location. Thank you for your cooperation in meeting our joint responsibilities under section 7 of the Endangered Species Act. If you have any further endangered species questions, please contact me at (612) 725-3548 x2210.

Sincerely,  
Nick Rowse  
Fish and Wildlife Biologist  
Twin Cities ES Field Office  
U.S. Fish and Wildlife Service  
4101 American Blvd. E.  
Bloomington, MN 55425-1665

"Mueller, Nicholas" <nicholas.mueller@dhs.gov>

To <nick\_rowse@fws.gov>

cc

09/25/2009 03:26 PM

Subject Environmental Consultation Request- WCCO Transmitter Site Coon Rapids, Anoka County

Mr. Rowse,

Attached is the original consultation letter that was submitted to your office for review for consultation on impact to endangered species of the federal funded project located at the WCCO transmitter site at 3237 Coon Rapids Boulevard, Coon Rapids. If you need any additional information from my office before a determination can be made, please send

10/20/2009

me an email.

Thank you for your time,

Nicholas Mueller

Environmental Protection Specialist

FEMA Region V[attachment "AR-M550U\_20090925\_163651.pdf" deleted by Nick Rowse/R3/FWS/DOI]

10/20/2009



**FEMA**

Mr. Tony Sullins, Field Supervisor  
U.S. Fish and Wildlife Service  
Twin Cities Field Office  
4101 American Boulevard East  
Bloomington, MN 55426

AUG 10 2009

**Re: Request for Project Review – Primary Entry Point Administrative Council –  
Replace Existing Underground Storage Tank and Generator Equipment with New  
Underground Storage Tank and Equipment – WCCO Transmitter Site Coon Rapids,  
MN**

Dear Mr. Sullins:

The Federal Emergency Management Agency (FEMA) is re-submitting a request for project review under Section 7 of the Endangered Species Act for the WCCO Transmitter Site Environmental Assessment that was previously submitted by Terracon Consulting Engineers on March 26, 2009. The original consultation request failed to disclose this activity as a federally funded activity.

The proposed action will include the replacement of an existing underground storage tank (UST) with a new 12,000 gallon, double-walled fiberglass reinforced plastic UST with automatic tank monitoring and leak protection equipment, and replacement of the ancillary fuel system. A new electric generator will be installed at the site inside an addition to the existing generator building. The new UST will be located north of the existing UST and the new addition to the generator building will be located west of the current building. The proposed action is located at 3237 Coon Rapids Boulevard, Coon Rapids, Minnesota (latitude/longitude).

A project description and exhibits including a USGS map, an aerial photograph, proposed schematics, and site photographs are attached. Please review and provide comments to me on the impacts to endangered species and critical habitat at the letterhead address. If you have any questions or require additional information, please call me at (312) 408-5440 or email me at [amanda.ratliff@dhs.gov](mailto:amanda.ratliff@dhs.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "A. C. Ratliff", written over a circular stamp or seal.

Amanda C. Ratliff  
Regional Environmental Officer

Enclosures

March 31, 2009



Mr. Tony Sullins, Field Supervisor  
U.S. Fish and Wildlife Service  
Twin Cities Field Office  
4101 American Boulevard East  
Bloomington, MN 55426  
Phone: 612.725.3548  
Fax: 612.725.3609

Terracon Consultants, Inc.  
10625 West I-70 Frontage Road North, Suite 3  
Wheat Ridge, Colorado 80033  
Phone 303.423.3300  
Fax 303.423.3353  
www.terracon.com

Dear Mr. Sullins:

On behalf of Primary Entry Point Administrative Council, Inc. (PEPAC), Terracon is preparing an Environmental Assessment (EA) for the expansion of an existing generator room, and the decommissioning of an existing fuel system with the installation of a new 12,000-gallon diesel UST and auxiliary fuel system at the WCCO tower facility located at 3237 Coon Rapids Boulevard, Coon Rapids, Anoka County, Minnesota. PEPAC is requesting a review of potential impacts to listed and proposed threatened/endangered species and critical habitats resulting from the proposed construction detailed above. In accordance with Section 7 of the Endangered Species Act (ESA) of 1973, the project area was evaluated for the potential occurrences of federally listed threatened and endangered species. The ESA requires any federal agency that funds, authorizes or carries out an action to ensure that their action is not likely to jeopardize the continued existence of any endangered or threatened species (including plant species) or result in the destruction or adverse modification of designated critical habitats.

The proposed site consists of previously disturbed land within the existing WCCO radio tower property. The parent tract WCCO radio tower facility is bound to the north, west, and east by residences and a multi-tenant retail center. The parent tract facility is bound to the south by Coon Rapids Boulevard, followed by the Anoka-Ramsey Community College campus. No streams, springs, ponds, or other water sources are located on the proposed construction site or larger parent tract. The closest water source to the proposed site is the Mississippi River, located westerly adjoining the Anoka-Ramsey Community College, approximately 1,500 feet to the west-southwest.

The following is a list of threatened and endangered (T&E) species potentially located in Minnesota as of November 2008: Canada Lynx, Gray Wolf, Piping Plover, Whooping Crane, Eastern Massasauga, Topeka Shiner, Dakota Skipper, Karner Blue Butterfly, Higgins' Eye Pearlymussel, Sheepsnose Mussel, Spectaclecase Mussel, Winged Mapleleaf Mussel, Leedy's Roseroot, Minnesota Dwarf Trout Lily, Prairie Bush-clover, and Western Prairie Fringed Orchid.

The closest wetlands area is located approximately 1,500 feet northwest of the site.

Based on the information presented above and a comparison of T&E species habitats within the existing disturbed lot, the proposed construction activities at the site would not appear to create an effect to T&E species. Additionally, the extent of ground disturbance would be minimal because of the limited nature of the project, and endangered species or their habitats would not likely be affected.

Terracon requests your concurrence with the conclusions presented above. Enclosed are a topographic site location map and site photographs to assist in your review. Please feel free to contact our office if you have any questions concerning this letter.

Sincerely,

**Terracon**



Susan Hupp

Staff Environmental Scientist

Attachments: Topographic Site Location Map  
Photographs

Copies to: Addressee (1 copy)  
EA Report (1 copy)



# Minnesota Department of Natural Resources

Division of Ecological Resources, Box 25

500 Lafayette Road

St. Paul, Minnesota 55155-4025

Phone: (651) 259-5107 Fax: (651) 296-1811 E-mail: heidi.cyr@dnr.state.mn.us

September 21, 2009

Correspondence # ERDB 20100173

Ms. Amanda Ratliff  
FEMA  
536 South Clark Street, 6th Floor  
Chicago, IL 60605

RE: Natural Heritage information in the vicinity of the proposed WCCO Transmitter Site, T31N R24W Section 17, Anoka County

Dear Ms. Ratliff,

As requested, 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. Based on this query, several rare features have been documented within the search area (for details, please see the enclosed database reports). However, given the project details that were provided with the data request form, I do not believe the proposed project will negatively affect any known occurrences of rare features.

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.

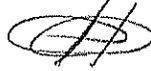
The enclosed results include an Index Report and a Detailed Report of records in the Rare Features Database, the main database of the NHIS. To control the release of specific location information, which might result in the destruction of a rare feature, both reports are copyrighted.

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, Mike North, at (320) 255-4279 ext. 235. 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. An invoice will be mailed to you under separate cover.

Sincerely,

A handwritten signature in black ink, appearing to be "Heidi Cyr", written over a faint, circular stamp or watermark.

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

Minnesota Natural Heritage Information System  
 Index Report of records within 1 mile radius of:  
 ERDB #20090173 - WCCO Transmitter Site  
 T31N R24W Section 17  
 Anoka County

Printed September 2009  
 Data valid for one year

**Rare Features Database:**

Element Name and Occurrence Number

**Invertebrate Animal**

*Ligumia recta* (Black Sandshell) #337  
 T32N R25W S29, T28N R23W S28, T33N R26W S26, T28N R23W S20, T [...] ; Anoka, Dakota,  
 Hennepin, Ramsey, [...] County

**Records Printed = 1**

Minnesota's endangered species law (Minnesota Statutes, section 84.0895) and associated rules (Minnesota Rules, part 6212.1800 to 6212.2300 and 6134) prohibit the taking of threatened or endangered species without a permit. For plants, taking includes digging or destroying. For animals, taking includes pursuing, capturing, or killing.

Federal Status	MN Status	State Rank	Global Rank	Last Observed Date	EO ID #
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	SPC	S3	G5	2007-09-26	30421
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