



FRIDLEY CITY HALL • 6431 UNIVERSITY AVE. N. E. FRIDLEY, MN 55432
(763) 571-3450 • FAX (763) 571-1287 • WWW.FRIDLEYMN.GOV

Date: 8/17/2018

pw18-038

To: Rhonda Sivarajah, Chairperson, Anoka County Board
Tom Ryan, Mayor, City of Blaine
Tim Willson, Mayor, City of Brooklyn Center
Jeffrey Lunde, Mayor, City of Brooklyn Park
Donna Schmitt, Mayor, City of Columbia Heights
Jerry Koch, Mayor, City of Coon Rapids
Jacob Frey, Mayor, City of Minneapolis
Carol Mueller, Mayor, City of Mounds View
Valerie Johnson, Mayor, City of New Brighton
Cindy Hansen, Mayor, City of Spring Lake Park
Mary Jo Truchon, Chairperson, Anoka Soil and Conservation District
Anthony Wilder, President, Coon Creek Watershed District
Kevin Reich, Chair, Mississippi Watershed Management Organization
Patricia Preiner, President, Rice Creek Watershed District
Lanya Ross, Principal Environmental Scientist, Metropolitan Council Environmental Svcs
John Freitag, Principal Planner, Minnesota Department of Health

From: James Kosluchar,
Public Works Director/City Engineer
Wellhead Protection Manager
City of Fridley

Re: Wellhead Protection Plan Part 1 Amendment - City of Fridley

The City of Fridley is in the process of developing a wellhead protection plan amendment for its drinking water supply wells. As required by the Minnesota Wellhead Protection Rule (part 4720.5330, subpart 6), the Minnesota Department of Health approved the amendment of Part 1 of the wellhead protection plan for our system. This portion of the plan includes information pertaining to:

1. The delineation of the wellhead protection area,
2. The drinking water supply management area boundary, and
3. The well and drinking water supply management area vulnerability assessment.

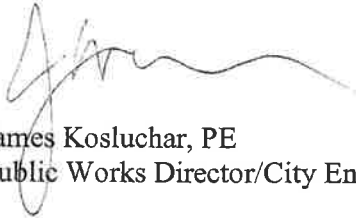
Enclosed please find the items listed above. If you would like a complete copy of the Part 1 plan amendment containing the technical information used to delineate the wellhead protection area, drinking water supply management area, and vulnerability of the wells and aquifer, please contact me at 763-572-3550.

Consistent with the Wellhead Protection Rule (part 4720.5330, subpart 7), a Public Information Meeting has been scheduled at 7:00 PM on August 28th, 2018 at Fridley City Hall, 6431 University Avenue NE, Fridley, MN 55432 to discuss issues and concerns with this portion of the plan amendment. We welcome your participation at this event.

If you have any questions concerning this matter, please contact me.

cc: John Greer, Barr Engineering Co.
Trudi Witkowski, Minnesota Department of Health

Best Regards,

A handwritten signature in black ink, appearing to read 'James Kosluchar', written over a circular stamp or mark.

James Kosluchar, PE
Public Works Director/City Engineer

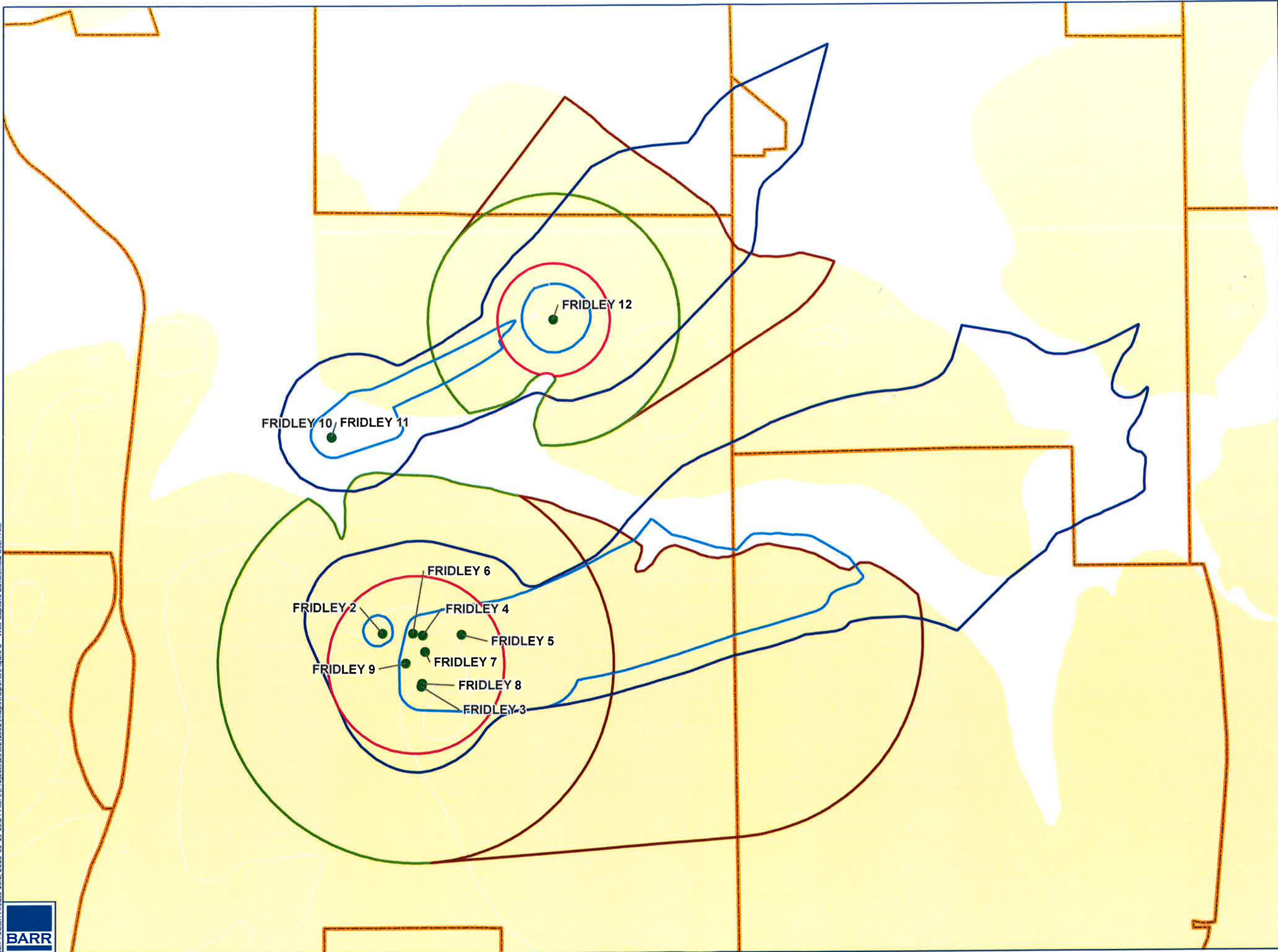
JPK/jk
Attachments

Table 2

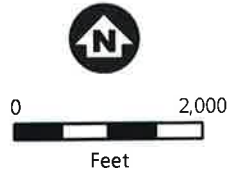
**Water Supply Well Information
Fridley WHPP Amendment**

Local Well ID	Unique Number	Use/ Status ¹	Casing Diameter (in.)	Casing Depth (ft.)	Well Depth (ft.)	Year Constructed	Aquifer	Well Vulnerability
2	206674	P	24 x 16	675	842	1960	Mt. Simon	Not Vulnerable
3	206670	P	24 x 16 x 10	784	836	1961	Mt. Simon	Not Vulnerable
4	201158	P	24 x 16	663	831	1961	Mt. Simon	Not Vulnerable
5	206675	P	16	656	845	1961	Mt. Simon	Not Vulnerable
6	206673	P	24	153	255	1972	Prairie du Chien - Jordan	Vulnerable
7	206678	P	24 x 16 x 12	138	262	1970	Prairie du Chien	Vulnerable
8	206669	P	16 x 12	138	265	1969	Prairie du Chien	Vulnerable
9	206672	P	30 x 24	153	255	1972	Prairie du Chien - Jordan	Vulnerable
10	206658	P	24 x 16	128	199	1969	Confined Quaternary	Vulnerable
11	206657	P	30 x 24	325	669	1970	St. Lawrence - Mt. Simon	Vulnerable
12	209207	P	30 x 24	234	276	1970	Jordan	Vulnerable

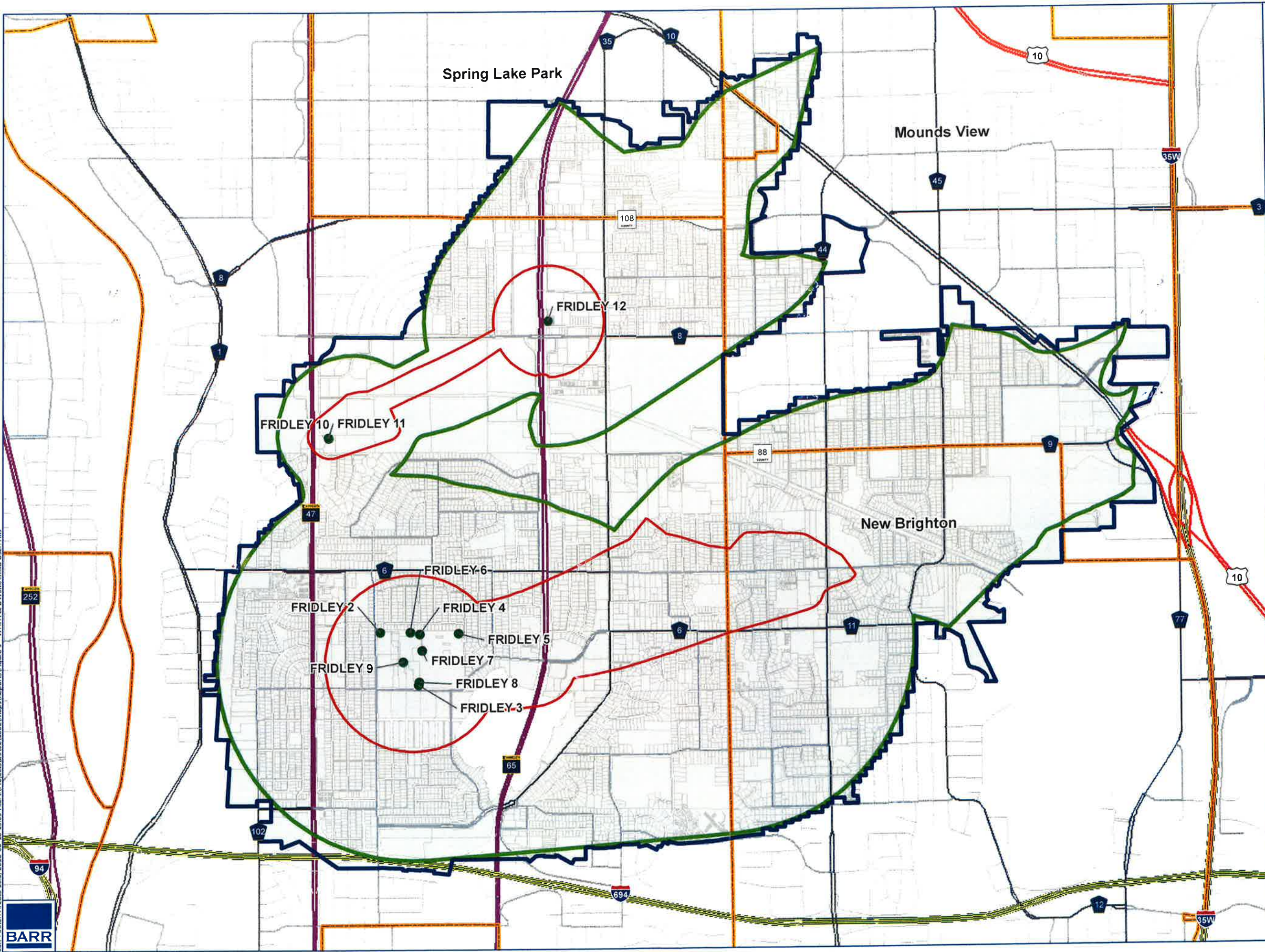
¹ P = Primary



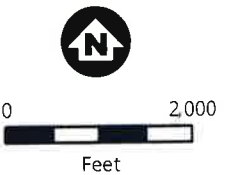
- Fridley Municipal Well
- ▭ Municipal Boundary
- ▭ OPDC Extent
- ▭ 1-year Porous Media Capture Zone
- ▭ 10-year Porous Media Capture Zone
- ▭ 1-year Fixed Radius Fracture Flow Capture Zone
- ▭ 5-year Fixed Radius Fracture Flow Capture Zone
- ▭ 5-year Fracture Flow Upgradient Extension



WELL CAPTURE ZONES
Fridley WHPP Amendment
City of Fridley, MN
FIGURE 8

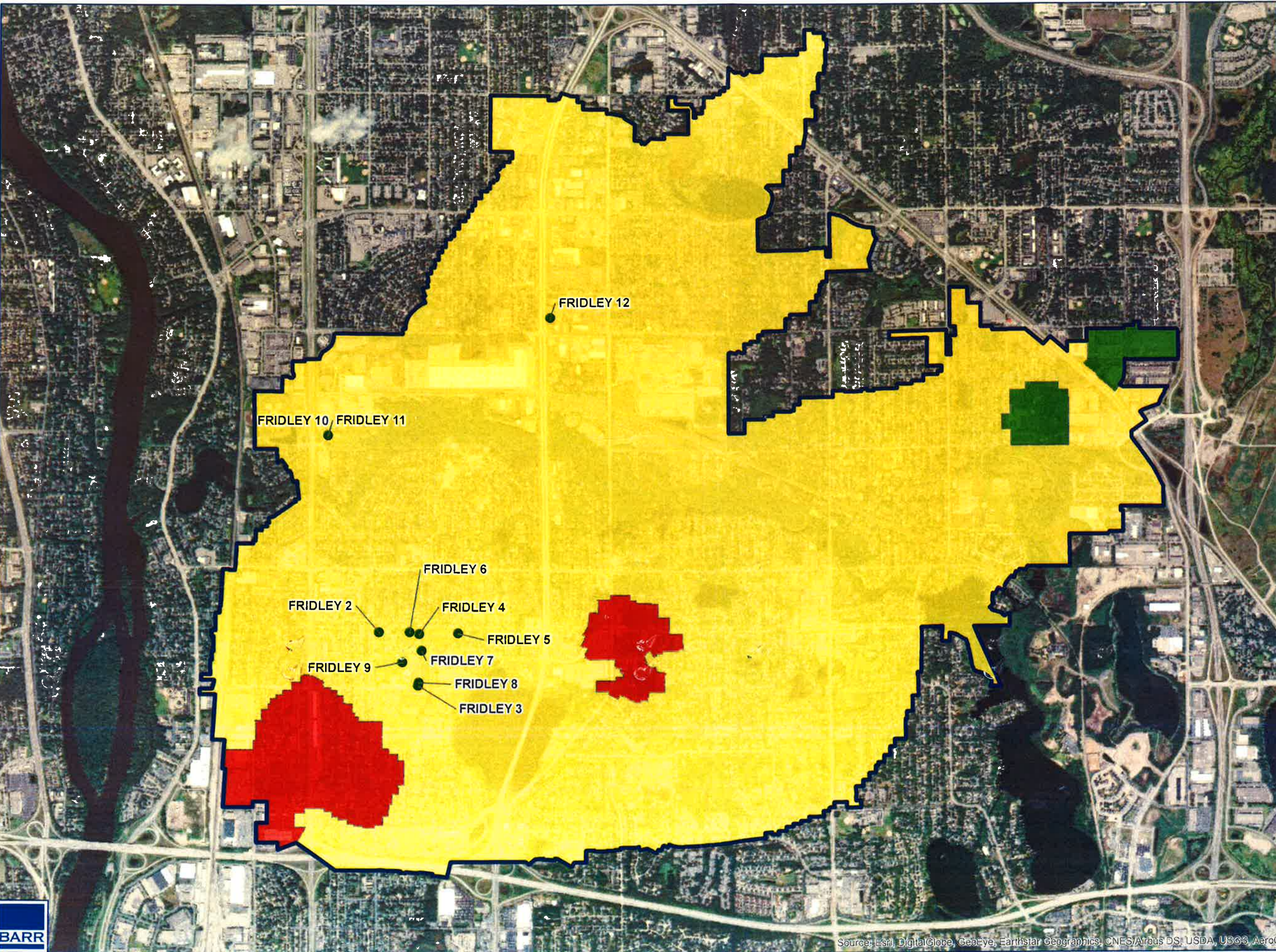


- Fridley Municipal Well
- DWSMA
- WHPA
- ERA
- Municipal Boundary
- Parcel



WHPA & DWSMA
Fridley WHPA Amendment
City of Fridley, MN
FIGURE 9

Barr Footer ArcGIS 10.6, 2018-06-18 15:07 File: I:\Projects\23\02\1062\Maps\Reports\Figure 10 - Aquifer Vulnerability.mxd User: AKJ



● Fridley Municipal Well

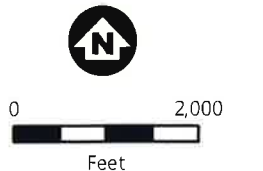
□ DWSMA

Vulnerability

■ High

■ Moderate

■ Low



AQUIFER VULNERABILITY
Fridley WHPP Amendment
City of Fridley, MN

FIGURE 10

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroG