

REPORT / RECOMMENDATION



To: MAYOR AND COUNCIL

Agenda Item #: IV.H

From: Ross Bintner P.E.
Environmental Engineer

Date: April 16, 2013

Subject: Wellhead Protection Plan, Part II Approval

Action
Discussion
Information

Action Requested:

Consider Approval of the Wellhead Protection Plan, Part II.

Information / Background:

The City of Edina Wellhead Protection Plan, Part II (WHPP) was subject of a public hearing held by the City Council on December 18, 2012. After the hearing, Council directed staff to submit the plan for review by state agencies. The review is now complete and minor changes were made. The WHPP is now ready for approval by the City Council. It is available for review on the City's website under City Offices/Engineering/Environmental Engineering pull down menu.

The purpose of the WHPP is to provide a framework for City operations to reduce the risk of future sources of contamination that could affect public health. Due to the improved understanding of groundwater flow and the resulting increase in size of the Drinking Water Supply Management Area (DWSMA), the WHPP now addresses over 1600 potential contaminant sources. The WHPP and its implementation is a first attempt to prioritize and address this improved understanding of potential risks, and provides recommendations to evaluate and address a subset of these sources over the next 10 years in an effort to reduce risk.

Programmatic activities detailed in the WHPP will be led by the Engineering Department, and amount to staff demand of approximately 0.15 full time employees. Next steps will include notice to nearby local governments and state agency stakeholders of adoption of the plan and ongoing plan implementation.

Attachment:

Letter from Minnesota Department of Health

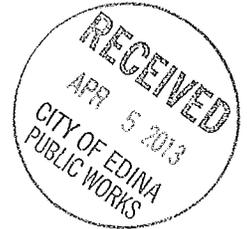
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Protecting, maintaining and improving the health of all Minnesotans

April 1, 2013

Mr. Wayne Houle
Director of Engineering
City of Edina
7450 Metro Boulevard
Edina, Minnesota 55439



Dear Mr. Houle:

Subject: Final Approval of the Wellhead Protection Plan Part II, City of Edina, Minnesota

I have reviewed the remaining part of the amended wellhead protection plan (Part II) for the city of Edina, received on January 2, 2013, according to the requirements of Minnesota Rules, part 4720.5555, subparts 1 and 2. The following principles were used as a basis for review:

- **Compliance with the rule** - the wellhead protection plan must be in compliance with parts 4720.5100 to 4720.5590.
- **Sound management of water resources** - includes evaluations concerning whether significant up- or down-gradient effects on groundwater may result from management controls specified in the plan. Source management options should be based on sound data and technical analysis, and the interactions between surface water and groundwater are considered. Also, the effects of short- and long-term variations in precipitation must be evaluated for their impacts on source management.
- **Effective health and environmental protection** - includes preventing potential water and related land resource problems which may impact the public wells, identifying anticipated and appropriate improvements in the quality of the environment within the drinking water supply management area, and promoting public health and safety.
- **Efficient management of potential contaminant sources** - includes estimating the cost of implementing the wellhead protection plan. Also, the management approach must identify 1) mechanisms for funding plan implementation, 2) how coordination will be achieved with participating state and local agencies, 3) approaches that were used to identify source management problems and opportunities to correct them, and 4) how water conservation practices will be used to support wellhead protection goals.

The plan provides an adequate assessment of the city's source waters and contains goals, objectives, and action strategies for the potential sources covered by the plan. The city of Edina is commended for their efforts in amending their plan to protect their drinking water supply from contamination.

Mr. Wayne Houle
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The purpose of this letter is to notify you that the Minnesota Department of Health finds the plan amendment to be consistent with Minnesota's wellhead protection rules and approves your plan for:

Well No.	Well No.
2	208399
3	240630
4	200561
5	206377
6	200564
7	206474
8	204884
10	206184
11	206183
12	203614
13	203613
15	207674
16	203101
17	200914
18	200918
19	505626
20	686286

Upon receipt of this letter, the city of Edina has up to 60 days to: 1) begin implementation of your wellhead protection plan amendment (Minnesota Rules, part 4720.5560, subpart 1); and 2) notify all local units of government within the drinking water supply management area of the adoption of your plan amendment (Minnesota Rules, part 4720.5560, subpart 2).

Should you have any questions in the future or would like assistance with the implementation of your plan, please contact me at john.freitag@state.mn.us or (651) 201-4669.

Sincerely,



John Freitag, Planner Principal
Source Water Protection Unit
Environmental Health Division
P.O. Box 64975
St. Paul, Minnesota 55164-0975

JF:TVW

cc: Mr. Ross Bintner, Environmental Engineer, City of Edina
Mr. Erik Tomlinson, Source Water Solutions
Mr. Isaac Bradlich, Engineer, Community Public Water Supply Unit, Metro Office