

elm creek Watershed Management Commission

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AGENDA Regular Meeting and PUBLIC HEARING September 11, 2019

The meeting packet may be found on the Commission's website: <http://elmcreekwatershed.org/minutes--meeting-packets.html>

1. Call Regular Meeting to Order.
 - a. Approve Agenda.*
2. Consent Agenda.
 - a. Minutes last Meeting.*
 - b. Treasurer's Report and Claims.*
3. Open Forum.
 - a. Weaver Lake Conservation Association.*

Suspend meeting

4. Public Hearing for Capital Improvement Projects
 - Project 2019-01: Rush Creek Main Stem Stream Stabilization Phase 3, Maple Grove;*
 - Project 2019-02: Ranchview Wetland Restoration, Maple Grove;*
 - Project 2019-04: Hickory Drive Stormwater Improvement, Medina;*
 - Project 2019-05: Downtown Regional Stormwater Pond, Corcoran; and*
 - Project 2019-06: Elm Creek Stream Restoration Phase IV, Champlin.*
 - a. Staff Report.*
 - b. Updated CIP.*
 - c. Legal Notice.*
 - d. Feasibility Reports* - attached to cooperative agreements.
 - e. Commission discussion.
 - f. Open Public Hearing.
 - 1) Receive comments from member cities.
 - 2) Receive comments from public.
 - g. Close public hearing.
 - h. Commission discussion.
 - i. Consider Resolution 2019-03 Ordering 2019 Improvement Projects.*
 - j. Approve Cooperative Agreements* with cities of Champlin, Corcoran, Maple Grove (2), and Medina.
 - k. Letter certifying Levy to County.*

Resume meeting.

5. Action Items.
 - a. Project Reviews – see Status Report.*
 - 10.n. 2019-023 99th Avenue Apartments, Maple Grove.*
 - 10.o. 2019-024 Boston Scientific Weaver Lake Road Building 2 East Addition, Maple Grove.*

*in meeting packet
**available at meeting or on website

6. Old Business.
 - a. FEMA Floodplain Mapping. (See Staff Report.)
 - b. Technical Services –subcommittee report.**
 - c. 2017-050 Ernie Mayers, Corcoran update.*
7. Communications.
8. Education.
 - a. WMWA – Contracted Coordinator.*
 - b. WMWA - Update.**
9. Grant Opportunities and Updates.
 - a. North Fork Rush Creek SWA Grant Program. (See Staff Report.)
 - b. Fish Lake Alum Treatment - update.*

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10. Project Reviews. (See Staff Report.*)

Report No.				Project No.	Project Name
Ag.			AR	2013-046	Woods of Medina, Medina.
ah.			AR	2014-015	Rogers Drive Extension, Rogers.
a.				2015-004	Kinghorn Outlet A, Rogers.
ai.			AR	2015-030	Kiddiegarten Child Care Center, Maple Grove.
aj.			AR	2016-002	The Markets at Rush Creek, Maple Grove.
ak.			AR	2016-005W	Ravinia Wetland Bank Plan, Corcoran.
b.				2016-040	Kinghorn 4 th Addition, Rogers.
c.				2016-047	Hy-Vee North, Maple Grove.
al.			AR	2017-014	Laurel Creek, Rogers.
am.			AR	2017-017	Mary Queen of Peace Catholic Church, Rogers.
an.			AR	2017-029	Brayburn Trails, Dayton.
d.				2017-039	Rush Creek Apartments, Maple Grove.
e.		E		2017-050W	Ernie Mayers Wetland/floodplain violation, Corcoran.
f.				2018-014	Refuge at Rush Creek, Corcoran.
ao.			AR	2018-018	Summers Edge Phase II, Plymouth.
g.				2018-020	North 101 Storage, Rogers.
ap.			AR	2018-026	Windrose, Maple Grove.
aq.			AR	2018-028	Tricare Third Addition, Maple Grove.
ar.				2018-038	Vincent Woods of Roger.
as.			AR	2018-044	OSI Phase II, Medina.
h.				2018-046	Graco, Rogers
at.			AR	2018-048	Faithbrook Church Phase 2, Dayton.
i.				2019-001	Fernbrook View Apartments, Maple Grove.
au.				2019-002	Parkside Villas, Champlin.
j.				2019-016	Rogers Retail Development, Rogers.
k.				2019-018	Peony Lake Trailhead, Plymouth.
l.				2019-021	Brenly Meadows, Rogers.
m.				2019-022	Comlink Midwest, Corcoran.
n.	A	E		2019-023	99th Avenue Apartments, Maple Grove.
o.	A	E		2019-024	Boston Scientific Weaver Lake Road Building 2 East Addition, Maple Grove.
p.				2019-025	Dayton Parkway Interchange, Dayton.

= Action item E = Enclosure provided I = Informational update will be provided at meeting RPF - removed pending further information
R = Will be removed RP= Information will be provided in revised meeting packet..... D = Project is denied AR awaiting recordation

11. Other Business.

Z:\Elm Creek\Meetings\Meetings 2019\09 Regular Meeting and Public Hearing Agenda .docx

*in meeting packet
**available at meeting or on website

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Boston Scientific Weaver Lake Road Building 2 East Addition **Maple Grove** **Project #2019-024**

Project Overview: Boston Scientific is proposing to build a two-story addition on the east side of their existing building #2 to provide production and office space. The project will entail moving the existing service drive and site utilities to the east side of Building #2. It will disturb 2.1 acres and create an additional 1.06 acres of new impervious areas. This will trigger review of the site plans for conformance to Rule D (Stormwater Management) and Rule E (Erosion and Sediment Control)

Applicant: Boston Scientific, Attention Brendan Collins, 1 Scimed Place, Maple Grove, MN 55311. Phone: 763-494-1737. Email: Brendan.collins@bsci.com.

Agent: HGA Architects & Engineers, Attention Kenny Horns, 420 N 5th St., Suite 100, Minneapolis, MN 55401. Phone: 612-578-4380. Email: khorns@hga.com

Exhibits:

- 1) Elm Creek Watershed Management Commission Request for Plan Review and Approval received July 29, 2019 with application fee of \$575.00.
- 2) Boston Scientific Storm Water Report for WL2 East Addition by HGA, date September 3, 2019.
- 3) Ramsey-Washington reuse calculator for 3.1 acres irrigation area on site.
- 4) Boston Scientific WL2 East Addition Construction Document Set HGA, dated July 25, 2019.
 - a. Sheet C001, Civil Notes and Legends
 - b. Sheet C002, General Site Plan
 - c. Sheet C100, Stormwater Pollution Prevention Plan Narrative
 - d. Sheet C101 & C102, Erosion and Sediment Control Plan and Detail
 - e. Sheet C200, Site Demolition Plan
 - f. Sheet C300, Site Layout and Surfacing Plan
 - g. Sheet C400, Site Grading Plan
 - h. Sheet C500, Site Utility Plan
 - i. Sheet C501 & C900, Sewer Structure and Details.

Findings:

- 1) A complete application was received August 2, 2019. The initial 60-day decision period per MN Statute 15.99 expires October 1, 2019.
- 2) The project work will consist of constructing a two-story addition on the east side of Building 2 at their Maple Grove facility. There will be approximately 1.9 acres of disturbance and 1.06 acres of new impervious areas created by this work.
- 3) The applicant proposes to utilize extra capacity in their existing pond to meet the Commissions rate, TP and TSS controls. In addition, they propose reuse of the runoff water for landscape irrigation to meet the Commissions abstraction requirements.
- 4) No wetland or floodplain impacts are proposed.
- 5) Construction erosion and sediment controls consist of silt fence, storm sewer inlet protections and rock construction entrance/exit. Restoration will consist of new inlet protections, erosion control blankets, temporary and permanent seeding/mulching and permanent rock check dams. These items meet the Commission’s erosion control requirements.

Stormwater Management

- 6) Rate controls will meet the Commission’s based on the stormwater management plans previously approved by the Commission. Boston Scientific completed an expansion to an existing stormwater pond in 2005. The ultimate land use treatment/management system approved for this expansion is for a watershed area of 43.4 acres and an impervious area of 66.5% (33.1 acres). With this proposal, the watershed area is 43.4 acres with an impervious area of 64% (28.1 acres).

(Existing Pond)	2-yr (cfs)	10-yr (cfs)	100-yr (cfs)
Ultimate-Development Rates*	1.9	12.8	32.4
Rates with WL2 Addition*	1.6	10.6	31.6

* Note; these rate controls are determined from TP-40 data, not the current Atlas 14 data.

- 7) Abstraction requirements were not part of the watersheds requirements in 2005. With this expansion, the applicant must provide for these requirements on the new impervious area of 1.06 acres per the Commissions updated stormwater management plan.
 - a. To meet our requirements, the applicant proposes to expand irrigation from the stormwater pond to irrigate an additional 3.1 acres of their property.
 - b. Abstraction required for the new impervious area of 1.06 acres will be 4,233 cubic feet.
 - c. Based on the Ramsey-Washington Metro Watershed District irrigation calculator, the actual abstraction credits available from irrigation will be 4,285 cubic feet. This will meet the Commission requirements.
- 8) Phosphorus and TSS requirements are assumed to be met by the existing stormwater management plan up to the ultimate build-out of the original assumptions on site (66.5% impervious area). At the time of the original review the Commission required > 60% pond treatment efficiency and post-development loads less than or equal to pre-development loads. These requirements are still the same today.

Recommendation;

Approval contingent upon

- 1) A site plan that provides the irrigation areas to be irrigated by the new system
- 2) An operation and maintenance plan for the irrigation system that is approved by the City and Watershed and recorded on the land title..

Note; if the applicant wishes to proceed with grading before the Commission's decision (expected at their next meeting on September 11, 2019), they may do so contingent upon;

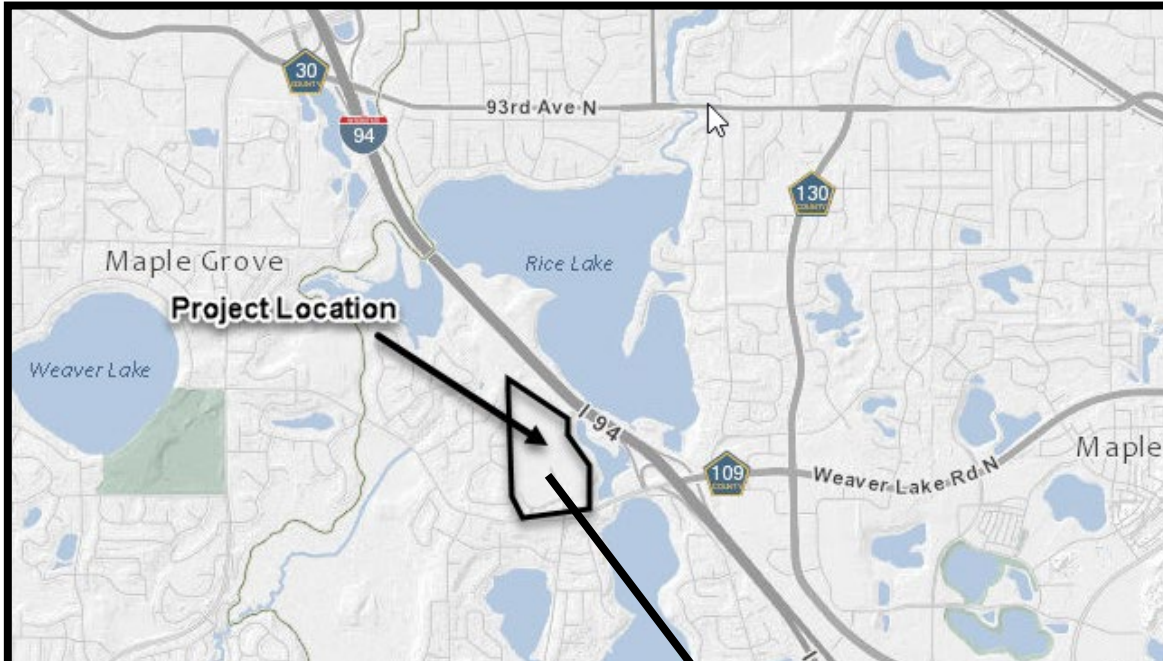
- 1) The applicant assuming any and all risks associated with changes to the site plans necessary to comply with the Commission's decision, and
- 2) The applicant receives the appropriate permits from the City of Maple Grove.

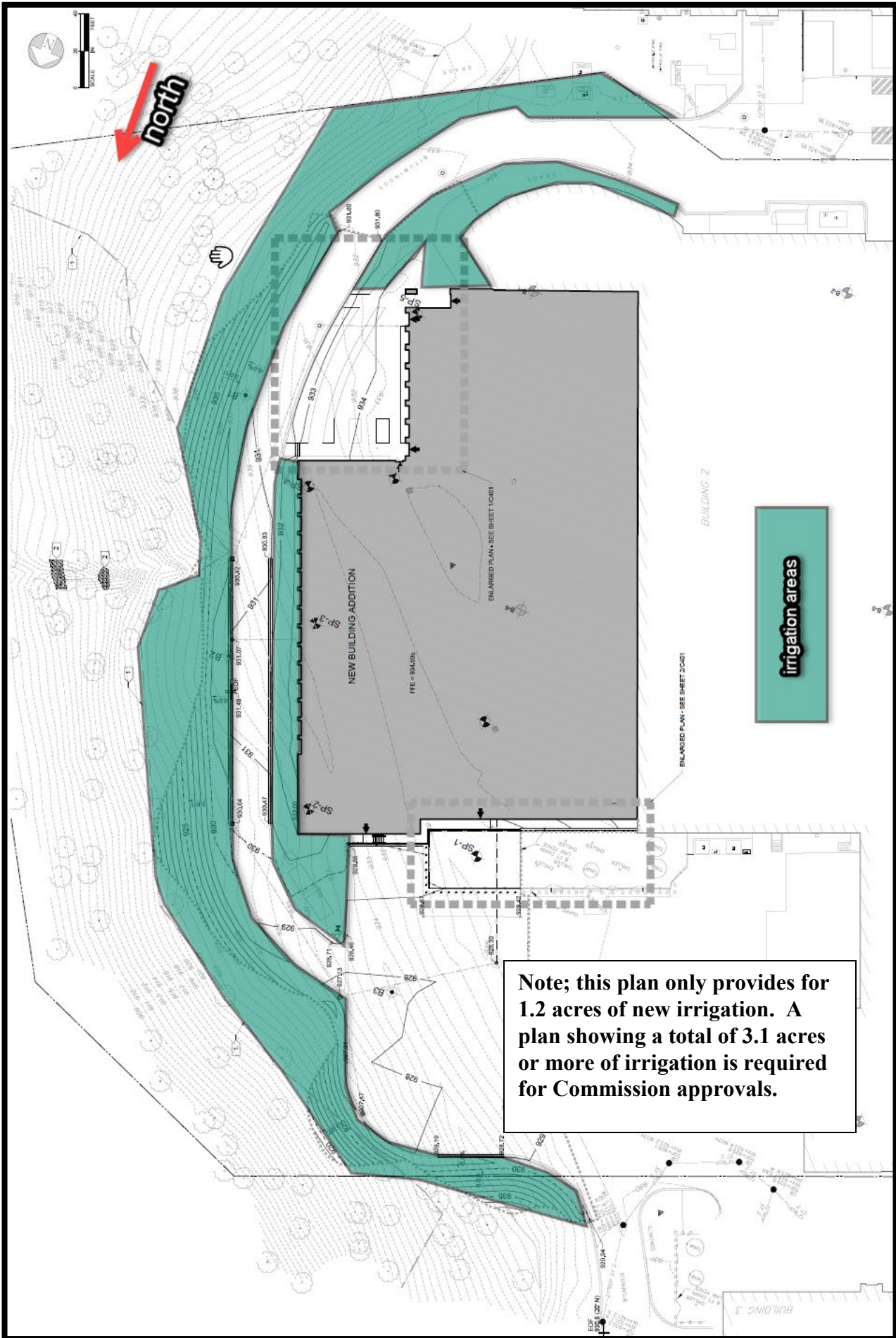
Hennepin County
Department of Environment and Energy
Advisor to the Commission



September 11, 2019

Location Map





Note; this plan only provides for 1.2 acres of new irrigation. A plan showing a total of 3.1 acres or more of irrigation is required for Commission approvals.