
Capital Area Regional Planning Commission
2016-2017 Water Quality Planning Work Program
Final Report
July 1, 2016 – June 30, 2017

Water Quality Planning

Dane County Groundwater Protection Planning Framework (Appendix G)

- Work completed this contract period included releasing the report for public comment, meeting with representatives of the real estate community and their consultant regarding the report and revising sections of the report in response to public comments. This report has been finalized and adopted by the DNR as part of the *Dane County Water Quality Plan*.

Dane County Point Source Inventory and Analysis (Appendix C)

- Work completed this contract period included updating the draft report by incorporating comments from wastewater treatment plant staff and WDNR staff. This report has been finalized and adopted by the DNR as part of the *Dane County Water Quality Plan*.

Dane County Water Quality Summary Plan (2016-2017 Grant Funded Activity)

- Completed the first draft of this report to update the 2004 Summary Plan. Work on this report will carry-over into the next contract period. Remaining work includes releasing a draft for DNR and public comment, incorporating comments, and holding a public hearing for adoption.

Water Quality Plan Amendments

Sewer Service Area Amendments (2016-2017 Grant Funded Activity)

- Completed staff analysis reports and held public hearings for 5 amendments to the sewer service area boundaries of the *Dane County Water Quality Plan*:
 - Central Urban Service Area (Village of McFarland)
 - Koshkonong Urban Service Area (Town of Albion)
 - Sun Prairie Sewer Service Area
 - Cottage Grove Sewer Service Area
 - Northern Sewer Service Area (Village of DeForest)
- Worked with the multiple municipalities on their upcoming urban service area amendment proposals.
- Coordinated with DNR on the Water Quality Plan amendment process. Updated information packet and website to reflect the Water Quality Plan amendment process currently in place with DNR.

Environmental Corridor Amendments

- Completed staff analysis reports and held public hearings for 2 amendment to the Environmental Corridors boundaries of the *Dane County Water Quality Plan*:
 - Central Urban Service Area (Village of McFarland)
 - Sun Prairie Sewer Service Area.
- Worked with the Village of Waunakee on their upcoming amendment to the Environmental Corridors in the Waunakee Sewer Service Area.

Planning Services

Waubesa Wetlands Study Plan (2016-2017 Grant Funded Activity)

- Organized a steering committee, gathered background information, and conducted 6 steering committee meetings for the Waubesa Wetlands study plan. Prepared materials for these meetings including a draft work program and budget for the study.

MMSD Planning Services

- Prepared a consequence of failure GIS analysis for the Madison Metropolitan Sewerage District collection system
- Prepared a pumping station flow projection validity check for the Madison Metropolitan Sewerage District
- Finalized a net chargeable area analysis for the Madison Metropolitan Sewerage District
- Continued work on a collection system capacity evaluation for the Madison Metropolitan Sewerage District

Environmental Conditions Reports

- Prepared a draft Environmental Conditions Report for Future Development Areas in the Village of Mount Horeb.

Stormwater Technical Advisory Committee

- Coordinated and participated in a Technical Advisory Committee for stormwater volume control and internally drained areas in conjunction with the Dane County Lakes and Watersheds Commission.
- Continued work on identifying and mapping internally drained areas.

Technical Assistance

- Responded to requests for information and investigated issues related to wetland resources protection, water quality conditions, groundwater management, stormwater management, and environmental corridors.

Water Quality Plan Consistency

208 Conformance Reviews

- Reviewed 104 sewer extensions for consistency with the *Dane County Water Quality Plan* and its conditions of approval during the period. This includes the review of stormwater management plans where required as a condition of approval.
- Responded to requests for information related to the sewer extension review and approval process.

Water Quality Plan Consistency Reviews

- Reviewed plats and development plans for consistency with the environmental corridors adopted in the *Dane County Water Quality Plan*.
- Reviewed two MMSD annexations in the City of Verona for consistency with the *Dane County Water Quality Plan*.
- Reviewed the Mount Horeb wastewater treatment plant facilities plan for consistency with the *Dane County Water Quality Plan*.

Review of Fitchburg NEN Stormwater Monitoring (2016-2017 Grant Funded Activity)

- Met with the DNR, City of Fitchburg, and development team regarding the stormwater management plan for the Northeast Neighborhood.
- Completed a review of the stormwater management plan for the Terravessa plat in Fitchburg's Northeast Neighborhood.

Collaboration with Other Agencies

- Participated in the activities associated with the Clean Lakes Alliance, Dane County Lakes and Watersheds Commission, the Dane County Hazard Mitigation Plan Steering Committee, the Yahara Watershed Improvement Network (Yahara WINs), and the Madison Area Municipal Stormwater Partnership (MAMSWaP).

Outreach and Education

- Prepared and posted on our website a report on environmental trends in the region.
- Conducted a variety of outreach activities related to water quality planning including presentations, newsletters and website content.

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Work Element	Total Hours	Total Cost	Grant Request	Local Share
<u>Water Quality Planning</u>				
Groundwater Protection Planning Framework	222.5	\$ 16,260	\$ -	\$ 16,260
Point Source Inventory and Analysis	199.0	\$ 11,901	\$ -	\$ 11,901
Summary Plan Update	636.5	\$ 44,791	\$ 44,760	\$ 31
Subtotal	1,058.0	\$ 72,952	\$ 44,760	\$ 28,192
<u>Water Quality Plan Amendments</u>				
Sewer Service Area Amendments	605.3	\$ 40,946	\$ 28,400	\$ 12,546
Environmental Corridor Amendments	116.0	\$ 8,189	\$ -	\$ 8,189
Subtotal	721.3	\$ 49,135	\$ 28,400	\$ 20,735
<u>Planning Services</u>				
MMSD Planning Services	444.5	\$ 24,907	\$ -	\$ 24,907
Environmental Conditions Reports	11.0	\$ 705	\$ -	\$ 705
Stormwater Technical Advisory Committee	1,139.1	\$ 67,455	\$ -	\$ 67,455
Technical Assistance	224.0	\$ 15,724	\$ -	\$ 15,724
Waubesa Wetlands Study Plan	321.0	\$ 22,805	\$ 10,190	\$ 12,615
Subtotal	2,139.6	\$ 131,596	\$ 10,190	\$ 121,406
<u>Water Quality Plan Consistency</u>				
208 Conformance Reviews	681.5	\$ 39,890	\$ -	\$ 39,890
Water Quality Plan Consistency Reviews	70.8	\$ 4,560	\$ -	\$ 4,560
Review of Fitchburg NEN Stormwater Monitoring	65.5	\$ 3,850	\$ 3,850	\$ -
Collaboration with Other Agencies	204.0	\$ 14,286	\$ -	\$ 14,286
Subtotal	1,021.8	\$ 62,586	\$ 3,850	\$ 58,736
<u>Outreach and Education</u>				
Regional Trends Report	109.5	\$ 8,186	\$ -	\$ 8,186
Newsletter, website, presentations	100.5	\$ 7,828	\$ -	\$ 7,828
Subtotal	210.0	\$ 16,014	\$ -	\$ 16,014
Total	5,150.7	\$ 332,283	\$ 87,200	\$ 245,083