

APPENDIX A: NORTH BRANCH CHICAGO RIVER WATERSHED WORKGROUP SCORECARD

Year Assessed: 2022

The following strategy tables are specific program activities that can be included as measurable goals to meet the minimum control measures (MCM) of the NPDES ILR40 permit requirements. “Corresponding MS4 MCM” column should be reflected as measurable goals in the Stormwater Management Program Plan (SMPP) as well as annual facility inspection report. “Water Quality (WQ) Requirement” supports Part 5 of the NPDES ILR40 Permit.

Strategy 1: Monitoring and Water Quality Assessment

Work Plan Objective	Action Steps	Corresponding MS4 MCM	NBWW Status
1	Review monitoring program to assess site locations, data parameters and budget.	WQ Monitoring Requirement	Completed as part of the current NBWW Monitoring Strategy Document; last revised 11/10/2021. Being reviewed and updated in 2023.
1	Consult with outside experts to ensure the most efficient use of resources in data collection, and that appropriate parameters are being monitored to achieve the goals of the NBWW.	WQ Monitoring Requirement	Consulted with Chris Yoder (MBI) during development of the Monitoring Strategy and QAPP Document. Continue to consult with MBI, Geosyntec, Illinois EPA & other local workgroups about monitoring strategies.
1	Make data available for watershed planning and to Workgroup members.	WQ Monitoring Requirement	Monitoring reports are available on the NBWW website: https://www.nbwwil.org/plans-and-reports/
1	Use monitoring results to identify the extent of the impaired waterbodies and utilize water quality models to prioritize remediation efforts.	WQ Monitoring Requirement	MBI incorporated NBWW’s 2018-2021 monitoring data into the Integrated Prioritization Systems (IPS) Model. 2022 - 2024, the NBWW staff and Committee members will be trained to utilize the IPS model and are developing a Nutrient Assessment & Reduction Plan (NARP).
1	Analyse monitoring results to pinpoint the sources of pollution.	WQ Monitoring Requirement	
1	Compile the data in a format to be included in an annual report prepared to satisfy the National Pollutant Discharge Elimination System (NPDES) water quality monitoring permit reporting requirements of its Workgroup members.	WQ Monitoring Requirement	Fourth year of monitoring data (2021) was compiled and submitted to the Illinois EPA in March 2022. Fifth year of monitoring data (2022) will be compiled and submitted to the Illinois EPA March 2023.
1	Use the monitoring results to evaluate effectiveness of watershed projects and initiatives.	WQ Monitoring Requirement	MBI incorporated NBWW’s 2018-2021 monitoring data into the Integrated Prioritization Systems (IPS) Model. 2022 - 2024, the NBWW staff and Committee members will be trained to utilize the IPS model and are developing a Nutrient Assessment & Reduction Plan (NARP).
1	Develop and maintain appropriate water quality models of the watershed to assess attainment of the Workgroup’s long-term goals.	WQ Monitoring Requirement	

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Work Plan Objective	Action Steps	Corresponding MS4 MCM	NBWW Status
2	Determine data needs of Workgroup members.	N/A	Data needs requested from NBWW meetings throughout 2022 at Executive Board, Monitoring Committee and General Membership meetings.
2	Identify other databases and evaluate the ease of interfacing with them, cost to create and maintain them, and the frequency that members query the database.	N/A	NBWW completed a Notice of Intent (NOI) Spreadsheet for NBWW members to use for their NPDES permitting. This spreadsheet allows NBWW members to search for their appropriate monitoring location and sort by parameter. All of the NBWW stream monitoring program is on this NOI spreadsheet.

Strategy 2: Regulatory Relationships and Requirements

Work Plan Objective	Action Steps	Corresponding MS4 MCM	NBWW Status
1	Meet one-on-one with regulators.	B.7	NBWW staff have continued to coordinate with the Illinois EPA and local watershed workgroup staff on NPDES permit requirements and upcoming regulatory deadlines.
1	Develop a chloride reduction strategy that includes a training component.	C.10	<i>Chloride reduction strategy not completed.</i> NBWW sponsored a regional De-icing Workshop that consisted of 5 webinars that targeted Northeastern Illinois stakeholders. This effort was a large partnership with local watershed workgroups, winter maintenance vendors, local counties, and the Salt Smart Collaborative.

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Work Plan Objective	Action Steps	Corresponding MS4 MCM	NBWW Status
1	Attend other workgroup meetings or trainings to stay informed about what other groups are doing and proposed regulatory changes.	B.3	Many NBWW Board members as well as Lake County Stormwater Management Commission (SMC) staff attend the Des Plaines River Watershed Workgroup (DRWW) meetings on a regular basis and the DRSCW's general membership meetings.
1	Create an annual report to satisfy the NPDES water quality monitoring component of the annual permit reporting requirement.	WQ Monitoring Requirement	Fourth year of monitoring data (2021) was compiled and submitted to the Illinois EPA in March 2022. Fifth year of monitoring data (2022) will be compiled and submitted to the Illinois EPA March 2023.
2	Identify MS4s who are leaders in the field.	B.6	Continued to identify and engage with MS4s and other watershed entities that are active with the NBWW and/or are implementing BMPs in their communities.
2	Organize annual tour/training event of BMP and green infrastructure projects/sites.	A.4	NBWW was unable to host an annual site tour in August 2022 but did have educational speakers at three general membership meetings May 2022 – February 2023.
2	Provide support and attendance at Municipal meetings as requested, for technical support.	B.4	NBWW provided workgroup documentation to several municipalities and workgroup members to bring to their Boards and Committees. NBWW continues to offer technical support as requested.
2	Identify MS4 permit requirements that the NBWW can provide supplemental services to address.	N/A	NBWW maintains a workplan and corresponding scorecard with specific program activities that can be included as measurable goals to meet the minimum control measures (MCM) of the NPDES ILR40 permit requirements. "Corresponding MS4 MCM" column should be reflected as measurable goals in the Stormwater Management Program Plan (SMPP) as well as annual facility inspection report. "Water Quality (WQ) Requirement" supports Part 5 of the NPDES ILR40 Permit.

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Strategy 3: Water Quality Improvement Initiatives

Work Plan Objective	Action Steps	Corresponding MS4 MCM	NBWW Status
1	Create a list of potential water quality improvement initiatives.	B.7	SMC (with the support of NBWW) is updating the 2008 North Branch Chicago River watershed-based plan which will have site-specific and programmatic action plan recommendations for the watershed. The watershed-based plan update is completed and in the adoption process.
1	Provide education about the benefits of these initiatives.	A.6	NBWW hosted three general membership meetings in 2022-2023 (05/11/22, 08/10/22, 02/08/23) that included presentations on water quality improvement initiatives such as watershed education and outreach, water quality monitoring efforts, nutrient assessment and reduction plan, etc...
1	Encourage municipalities to adopt at least one initiative.	B.7	<i>Not completed.</i>
1	Attend board meetings when these initiatives are discussed.	B.4	<i>Not completed.</i>
1	Provide input on funding sources and strategies, education and marketing materials.	A.6	NBWW has provided a forum for the North Branch Planning Committee at General Membership meetings for updating the 2008 watershed-based plan.
2	Develop a list of high-priority watershed improvement projects based on the action plan recommendations from the North Branch Chicago River Watershed-Based Plan.	B.7	SMC is currently updating the 2008 North Branch Chicago River Watershed-Based Plan (2022). NBWW is pursuing an IPS Model training and developing a NARP.
2	Investigate and list all possible sources of funding, including in-kind services and local sponsor contributions to implement watershed improvement projects.	B.7	NBWW is pursuing an IPS Model training and developing a NARP. These tools will determine high-priority watershed improvement projects.
2	Inquire how other groups are funding watershed projects.	B.7	NBWW members and staff have continued to coordinate with local watershed workgroups about funding opportunities for watershed projects.

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Work Plan Objective	Action Steps	Corresponding MS4 MCM	NBWW Status
2	Assist in identifying and coordinating multi-jurisdictional implementation projects.	B.6	NBWW is pursuing an IPS Model training and developing a NARP. These tools will determine high-priority watershed improvement projects.
2	Enlist watershed experts to review funding proposals for projects and offer advice to applicants, helping them to develop better, more competitive proposals.	B.7	NBWW members have reached out to Lake County SMC for various grant funding proposals in 2022.
2	Request funding and/or in-kind services and/or draft permit language.	B.7	In November 2018, SMC was awarded an Illinois EPA Section 319 Grant for updating the 2008 North Branch Chicago River Watershed-Based Plan. NBWW has provided a forum for the North Branch Planning Committee at General Membership meetings for updating the 2008 watershed-based plan. September 2021, SMC sent MS4 Workgroup members updated NPDES permit language related to the watershed workgroups for public comment.
2	Manage and administer the funding sources.	N/A	Providing in-kind support (monitoring data) for the update of the 2008 North Branch Chicago River Watershed-Based Plan.
2	Develop educational/outreach materials or other support services for the project.	A.1	The 2022 annual newsletter will be distributed to the watershed members and stakeholders in February 2023 with information on NBWW's accomplishments and monitoring activities.
2	Implement the Chloride Reduction Strategy.	C.10	<i>Not completed. See Strategy 2, Objective 1.</i>

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Strategy 4: Leadership and Engagement

Work Plan Objective	Action Steps	Corresponding MS4 MCM	NBWW Status
1	Allow every member to express and employ their talents, ideas, experiences, skills and expertise.	B.7	Every NBWW meeting is open to the public and attendees are encouraged to participate.
1	Sponsor quarterly guest speaker series to educate about pressing watershed issues and to identify collaborative opportunities to address them.	B.3	See Strategy 3, Objective 1: General Membership Meetings.
1	Collaborate with existing groups to sponsor a variety of Watershed awareness events (i.e. stream/lake clean ups, canoe trips, Earth Day events, De-icing events, etc.) with an education component.	B.7	NBWW sponsored a regional De-icing Workshop that consisted of 5 webinars that targeted Northeastern Illinois stakeholders. This effort was a large partnership with local watershed workgroups, winter maintenance vendors, local counties, and the Salt Smart Collaborative.
2	Maintain an informative and useful web site.	A.6	https://www.nbwwil.org/
2	Host events and speaking engagements with public officials in order to update them on crucial watershed issues and identify partnership opportunities.	B.7	NBWW and SMC have been engaging all watershed stakeholders (including public officials) throughout the process of updating the North Branch Chicago River Watershed-Based Plan.
2	Reach out to additional public-sector stakeholders – townships, park districts, drainage districts, school districts etc. – to inform them of the Workgroup’s activities and invite them to become Workgroup members.	B.7	Ongoing (meeting announcements, SMC social media outreach, word-of-mouth through members).
2	Reach out to private sector stakeholders – developers, consultants, homeowner and lake owner associations, large property owners, farmers, churches – to inform them of the Workgroup’s activities and invite them to partner with us.	B.7	Ongoing (meeting announcements, SMC social media outreach, word-of-mouth through members).
2	Recognize individuals and groups who are making substantial contributions to the Workgroup’s Vision.	B.7	At the three 2022-2023 NBWW General Membership meetings, the agenda includes a “Watershed Project Updates or Other Announcements/Discussion” section which recognizes individuals and groups implementing projects in the watershed and discussion items for the members.

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3	Develop, adopt, and disseminate an annual work plan, annual budget and annual report on Workgroup accomplishments.	B.7	A work plan covering 2018-2023 was developed in 2018. The budget is reviewed at each NBWW meeting. An annual newsletter (2022) has been finalized and will be distributed in 2023.
3	Review member dues annually, and send out notices for dues payment.	N/A	Completed.
3	Review Workgroup Bylaws.	B.7	Bylaws are reviewed annually and updated as needed.
3	Organize and facilitate four quarterly general member meetings each year.	B.3	NBWW hosted three general membership meetings 2022-2023 period (05/11/22, 08/10/22 and 02/08/23).
3	Review scorecard.	B.7	Completed.