

## APPENDIX A: NORTH BRANCH CHICAGO RIVER WATERSHED WORKGROUP SCORECARD

**Year Assessed: 2021**

*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 11/10/21.
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 & other local workgroups about monitoring strategies.
1	Make data available for watershed planning and to Workgroup members.	WQ Monitoring Requirement	2018 - 2019 Bioassessment Report was approved by the NBWW Monitoring Committee & Executive Board. The report is available on the NBWW website: <a href="https://www.nbwwil.org/plans-and-reports/">https://www.nbwwil.org/plans-and-reports/</a>
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 2018-2019 monitoring data into the Integrated Prioritization Systems (IPS) Model. In 2022, the NBWW staff will be trained to utilize the IPS model and pursuing 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	Third year of monitoring data (2020) was compiled and submitted to the Illinois EPA in March 2021. Fourth year of monitoring data (2021) will be compiled and submitted to the Illinois EPA March 2022.
1	Use the monitoring results to evaluate effectiveness of watershed projects and initiatives.	WQ Monitoring Requirement	MBI incorporated NBWW’s 2018-2019 monitoring data into the Integrated Prioritization Systems (IPS) Model. In 2022, the NBWW staff will be trained to utilize the IPS model and pursuing 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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Year Assessed: **2021**

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 2021 at Executive Board, Monitoring Committee and quarterly 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	Third year of monitoring data (2020) was compiled and submitted to the Illinois EPA in March 2021. Fourth year of monitoring data (2021) will be compiled and submitted to the Illinois EPA March 2022.
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	Due to the restrictions during the COVID-19 pandemic, NBWW was unable to host an annual site tour in August 2021 but did have educational speakers at the four general membership meetings in 2021.
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 anticipated to be completed by the end of 2021.
1	Provide education about the benefits of these initiatives.	A.6	NBWW hosted four general membership meetings in 2021 (02/10, 05/12, 08/11, 11/10) 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 (2021). NBWW is pursuing an IPS Model training and completing a Preliminary NARP Workplan by the end of 2021.
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 completing a Preliminary NARP Workplan by the end of 2021. 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 completing a Preliminary NARP Workplan by the end of 2021. 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 2021.
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 2020 annual newsletter was distributed to the watershed members and stakeholders in January 2021 with information on NBWW's accomplishments and monitoring activities. NBWW is currently drafting the 2021 annual newsletter which will be distributed in 2022.
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	<a href="https://www.nbwwil.org/">https://www.nbwwil.org/</a>
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 four 2021 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 (2021) is being prepared and will be distributed in 2022.
3	Review member dues annually, and send out notices for dues payment.	N/A	Completed for 2021 (45 workgroup members).
3	Review Workgroup Bylaws.	B.7	Bylaws are reviewed annually and updated as needed. The NBWW Bylaws were updated in July 2021.
3	Organize and facilitate four quarterly general member meetings each year.	B.3	NBWW hosted four general membership meetings in 2021 (02/10, 05/12, 08/11, 11/10).
3	Review scorecard.	B.7	Completed November 2021.