

1W1P Document

Issue Source	Resource Issue	Priority Issue?	Specific Resource Identified	Category Type
BWSR response to notification Shell Rock Winnebago.docx	Wetlands – Protection and restoration of wetlands provides benefits for water quality, flood damage reduction, and wildlife habitat. The plan should support the continued implementation of the Wetland Conservation Act and look for opportunities to improve coordination across jurisdictional boundaries. The plan should also identify high priority areas for wetland restoration and strategically target restoration projects to those areas. The Restorable Wetland Prioritization Tool is an example resource that can be used to help identify such areas. The state is embarking on a new wetland prioritization plan that will guide wetland mitigation in the future. Wetland restoration and preservation priorities in this plan may be eligible for inclusion in this plan in the future. Please refer to the attached document “Shell Rock River and Winnebago 1W1P Wetland Section Comments” for further information on this program and additional considerations regarding wetlands.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	Conservation Easements – The State’s Re-Invest in Minnesota (RIM) Reserve easement program and the Conservation Reserve Enhancement Program (CREP), in partnership with the United States Department of Agriculture (USDA), considers several site specific and landscape scale factors when funding applications. Though it is dependent on specific program terms, the State considers local prioritization of areas for easement enrollment. The plan should take into account areas with a higher risk of contributing to surface and subsurface water degradation, such as highly erosive lands and wellhead protection areas that would benefit from being placed under permanent vegetative cover. Another factor to consider is that in the next 3 years (2019-2021) nearly 6,000 acres of Conservation Reserve Program (CRP) practices are scheduled to expire within the partnership’s counties. The plan should recognize the potential impact these expiring contracts may have in the planning area and consider prioritizing working with producers regarding the management of those acres.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	Soil Health – The majority of the land use in the Shell Rock and Winnebago River planning area is agriculture. The concept and the associated practices of soil health have the potential to positively change the interaction of agriculture and the natural system at the soil level. Common soil health practices include the use of reduce or no tillage, the use of cover crops, increased areas of continuous living cover, and extended crop rotations. Improving soil health can help decreased soil erosion, increase water infiltration, provide nutrient scavenging, and increase soil organic matter. In addition, there seems to be increased interest from landowners and operators about soil health. It is recommended that these soil health practices be prioritized for implementation in the plan.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	GRAPS - The Groundwater Restoration and Protection Strategies (GRAPS) for the Shell Rock and Winnebago River watersheds is currently under development by the MDH and will be available in the near future. This report will help identify specific groundwater issues in the planning area and ideas for implementation actions to address these issues. These ideas should be vetted by the planning group and a set of them should be incorporated in the plan.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	WRAPS - The Watershed Restoration and Protection Strategies (WRAPS) for the Shell Rock River and Winnebago River Watersheds are currently in development by the MPCA. In the meantime, reports related to the development of the WRAPS should be reviewed and incorporated into your planning effort. These reports (the Monitoring and Assessment report and the Stressor Identification report) can be found here: Shell Rock and Winnebago.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	Protecting Pollinator Populations - Projects should identify opportunities to benefit pollinator populations through creating areas of refuge and providing floral resources that can benefit a wide range of pollinators. Governor Walz recently signed a new Executive Order “Restoring Healthy, Diverse Pollinator Populations that Sustain and Enhance Minnesota’s Environment, Economy, and Way of Life” that directs efforts of the Interagency Pollinator Protection Team. This team recently released a Minnesota State Agency Pollinator Report that outlines state agency priorities. There is also a BWSR Pollinator Toolbox that provides guidance for project planning, implementation and management. Invasive Species and Landscape Management: A cooperative approach across the watershed is recommended for invasive species management to address invasive species and weed issues across geographic and ownership boundaries. Invasive species should be prioritized based on their risk to ecosystems, agriculture, recreation, and human health. There should also be a focus on emerging weed threats such as Palmer amaranth that pose a significant risk to agricultural production. Adaptive management strategies should be used to address invasive species and also maintain ecological functions and services within landscapes.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	Urban Stormwater/MS4s – Urban stormwater runoff frequently contains pollutants such as pesticides, fertilizers, sediment, salt, and other debris, which can contribute to excess algae growth and poor water clarity/quality in our water resources. Poorly managed urban stormwater can also drastically alter the natural flow and infiltration of water, scour stream banks and harm or eliminate aquatic organisms and ecosystems. A Municipal Separate Storm Sewer System (MS4) General Permits is owned/operated by the city of Albert Lea within the planning area. This MS4s has accepted an invitation to be on the Policy Committee in the planning effort which should ensure that their Stormwater Pollution Prevention Programs are incorporated into the plan.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	Data Collection and Monitoring – A thorough review of existing data and monitoring is required as a component of the plan. Identification of data or monitoring needs can then be incorporated into implementation activities in order to help measure progress toward plan goals.	Yes		Strategy

1W1P Process

RESPONSE LETTERS WATER PLANS REPORTS PUBLIC COMMENTS

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Minnesota Department of Agriculture Initial Comment Letter - 6/20/19	Minnesota Water Research Digital Library There may be other water studies specific to this watershed that may be helpful to review and reference in the 1W1P process. See: https://www.mda.state.mn.us/protecting/cleanwaterfund/toolstechnology/mnwrl			
2019 05 29 Shell Rock 1W1P DNR Comments.pdf	Current water quality conditions for both lakes and streams point to a need for significant land use changes to reserve the pollutant loading trends. Work to address water quality goals established in WRAPS and TMDLs to prevent future surface water quality impairments and groundwater contamination, improve fish habitat in lakes and streams, and promote the watershed's resilience to changing hydrology and climate, invasive species, and other stressors.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	Drainage - The drainage authorities within the planning area should be included as stakeholders in the plan development process. This inclusion should ensure that the Chapter 103E processes and proceedings as well as the extent and the limitations of drainage authority responsibility are adequately included in the final plan. Additionally, the planning partners are strongly encouraged to include projects and activities consistent with multipurpose drainage criteria outlined in Minnesota Statutes §103E.011, Subd. 1a and §103E.015, Subd. 1. Refer to the attached document "Chapter 103E Drainage System Consideration for 1W1P" for additional information on 103E Drainage Authority responsibility, authority and opportunity for participating in the planning of conservation practices involving public drainage systems.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	Landscape Resiliency and Climate Adaption – BWSR strongly encourages your planning partnership to consider the potential for more extreme weather events and their implications for the water and land resources of the watershed in the analysis and prioritization of issues. The weather record for the planning area shows increased frequency and severity of extreme weather events, which has a direct effect on local water management. Adjustments involving conservation and fieldwork planning and implementation should be explored; for instance, the use of an updated precipitation frequency chart such as the NOAA Atlas 14 when designing conservation projects. An additional source of information for use in the planning process is the BWSR Landscape Resiliency Toolbox. Finally, a new white paper from the Minnesota Interagency Climate Adaptation Team titled "Building Resiliency to Extreme Precipitation in Minnesota" also provides resiliency strategies related to this topic.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	Local Controls - Gaps or inconsistencies in local ordinances, policies, or enforcement could affect the success of your plan's implementation. Redetermination of benefits on drainage systems, SSTS compliance inspection requirements (property transfer, variance, etc.), level 3 feedlot inventories, and shoreland regulations are some examples that should be explored during plan development.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	WRAPS - The Watershed Restoration and Protection Strategies (WRAPS) for the Shell Rock River and Winnebago River Watersheds are currently in development by the MPCA. In the meantime, reports related to the development of the WRAPS should be reviewed and incorporated into your planning effort. These reports (the Monitoring and Assessment report and the Stressor Identification report) can be found here: Shell Rock and Winnebago.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	If wetland restoration projects become part of a local implementation plan they should be focused on restoring, to the greatest extent practicable, pre-disturbance conditions with respect to hydrology and vegetation. Restoration projects that are focused on a single function or service should be less of a priority than those that focus on the suite of functions provided by these resources. Also, restoration efforts should attempt to restore self-sustaining systems that are not reliant on structures and/or routine management and operation.	Yes		Strategy
BWSR response to notification Shell Rock Winnebago.docx	The Shell Rock and Winnebago River watersheds, and the larger BSA 8, currently have a low supply of wetland bank credits. This is true both for the general public and the Local Government Road Wetland Replacement Program (LGRWRP). The low balance of credits could result in replacement for wetland impacts being exported out of the watershed which further reduces the ability of the landscape, and wetlands in particular, to perform functions at even a basic level. Through the CPF development process BWSR intends to identify priority areas where future wetland restorations would have the highest potential for success and also the greatest potential benefit to the watershed. This process could work closely with the 1W1P process to take advantage of these comprehensive planning efforts and identify wetland restoration priority areas that address multiple watershed management objectives.	Yes		Strategy