

Since the publication of the Proposed Groundwater Protection Rule and the Statement of Need and Reasonableness (SONAR) a number of web addresses have changed. The tables below list the corrected links by page number or line item.



**Table 1. Link updates for the SONAR**

<b>SONAR page</b>	<b>Reference</b>	<b>Link</b>
31	Regional and specialized nitrogen fertilizer BMPs	<a href="http://www.mda.state.mn.us/nitrogenbmps">www.mda.state.mn.us/nitrogenbmps</a>
42	Nitrogen Fertilizer Management Plan Information	<a href="http://www.mda.state.mn.us/nfmp">www.mda.state.mn.us/nfmp</a>
56	Farm Nutrient Management Assessment Program (FANMAP) Reports	<a href="http://www.mda.state.mn.us/farm-nutrient-management-assessment-program-fanmap">www.mda.state.mn.us/farm-nutrient-management-assessment-program-fanmap</a>
75	Written comments to the Nitrogen Fertilizer Rule	<a href="http://www.mda.state.mn.us/sites/default/files/inline-files/nfmp2013comments_0.pdf">http://www.mda.state.mn.us/sites/default/files/inline-files/nfmp2013comments_0.pdf</a>
150	Bierman, P., Rosen, C.R., Venterea, R., and Lamb, J. 2011. Survey of Nitrogen Fertilizer Use on Corn in Minnesota. Report, 27 pp. University of Minnesota and USDA-ARS. St. Paul. MN.	<a href="http://www.mda.state.mn.us/sites/default/files/inline-files/nfertilizersurvey2011_0.pdf">www.mda.state.mn.us/sites/default/files/inline-files/nfertilizersurvey2011_0.pdf</a>
151	Nitrates in Drainage Water in Minnesota	Replacement link not available at this time
153	Fertilizing Corn in Minnesota	<a href="https://wrl.mnpals.net/islandora/object/WRLrepository%3A3034">https://wrl.mnpals.net/islandora/object/WRLrepository%3A3034</a>
153	Best Management Practices for Nitrogen Use in Minnesota	<a href="https://conservancy.umn.edu/handle/11299/191891">https://conservancy.umn.edu/handle/11299/191891</a>
153	Fertilizing Corn Grown on Irrigated Sandy Soils	<a href="https://wrl.mnpals.net/islandora/object/WRLrepository%3A3033/datastream/PDF/view">https://wrl.mnpals.net/islandora/object/WRLrepository%3A3033/datastream/PDF/view</a>
154	Summary of Groundwater Nitrate-Nitrogen Data	Replacement link not available at this time
154	Response to Comments on the draft Nitrogen Fertilizer Management Plan	<a href="http://www.mda.state.mn.us/sites/default/files/inline-files/commentsresponse_0.pdf">http://www.mda.state.mn.us/sites/default/files/inline-files/commentsresponse_0.pdf</a>
154	Minnesota Nitrogen Fertilizer Management Plan	<a href="http://www.mda.state.mn.us/sites/default/files/2018-05/nfmp2015.pdf">www.mda.state.mn.us/sites/default/files/2018-05/nfmp2015.pdf</a>
154	2016 Water Quality Monitoring Report	<a href="http://www.mda.state.mn.us/sites/default/files/inline-files/2016wqmrpt.pdf">http://www.mda.state.mn.us/sites/default/files/inline-files/2016wqmrpt.pdf</a>
154	Nitrate Testing for Private Wells Results as of March 22, 2018	<a href="https://www.mda.state.mn.us/sites/default/files/inline-files/allctyresults_0.pdf">https://www.mda.state.mn.us/sites/default/files/inline-files/allctyresults_0.pdf</a>
154	Farm Nutrient Management Assessment Program (FANMAP)	<a href="http://www.mda.state.mn.us/farm-nutrient-management-assessment-program-fanmap">http://www.mda.state.mn.us/farm-nutrient-management-assessment-program-fanmap</a>
155	Fertilizers	<a href="https://www.mda.state.mn.us/pesticide-fertilizer/fertilizers">https://www.mda.state.mn.us/pesticide-fertilizer/fertilizers</a>
155	Fertilizer as a Source of Nitrate in Groundwater	<a href="https://www.mda.state.mn.us/fertilizer-source-nitrate-groundwater">https://www.mda.state.mn.us/fertilizer-source-nitrate-groundwater</a>
155	Irrigation Specialist Position	<a href="https://www.mda.state.mn.us/node/1313">https://www.mda.state.mn.us/node/1313</a>

<b>SONAR page</b>	<b>Reference</b>	<b>Link</b>
155	Nutrient Management Survey	<a href="https://www.mda.state.mn.us/nutrient-management-surveys">https://www.mda.state.mn.us/nutrient-management-surveys</a>
155	Soil and Plant Amendment Registration	<a href="https://www.mda.state.mn.us/pesticide-fertilizer/soil-and-plant-amendment-product-registration">https://www.mda.state.mn.us/pesticide-fertilizer/soil-and-plant-amendment-product-registration</a>
156	Water Quality and Irrigation Research at Rosholt Farm	<a href="http://www.mda.state.mn.us/rosholtfarm">www.mda.state.mn.us/rosholtfarm</a>
156	Nitrogen Fertilizer Management Plan Document	<a href="http://www.mda.state.mn.us/sites/default/files/2018-05/nfmp2015.pdf">http://www.mda.state.mn.us/sites/default/files/2018-05/nfmp2015.pdf</a>
155	Clean Water Fund Research Program	<a href="http://www.mda.state.mn.us/cleanwaterfund/research">www.mda.state.mn.us/cleanwaterfund/research</a>
156	Minnesota Conservation Funding Guide	Guide is no longer available online
156	Fertilizer and Manure Selection and Management Practices Associated with Minnesota's 2010 Corn and Wheat Production	<a href="http://www.mda.state.mn.us/sites/default/files/inline-files/2010cornnitromgmt.pdf">http://www.mda.state.mn.us/sites/default/files/inline-files/2010cornnitromgmt.pdf</a>
156	Commercial Nitrogen and Manure Applications on Minnesota's 2012 Corn Crop Compared to the University of Minnesota Nitrogen Guidelines	<a href="http://www.mda.state.mn.us/sites/default/files/inline-files/2012umnitrocorn.pdf">http://www.mda.state.mn.us/sites/default/files/inline-files/2012umnitrocorn.pdf</a>
156	Survey Results of Nitrogen Fertilizer BMPs on Minnesota's 2013 Corn Acres	<a href="http://www.mda.state.mn.us/sites/default/files/inline-files/2013fertbmpcorn.pdf">http://www.mda.state.mn.us/sites/default/files/inline-files/2013fertbmpcorn.pdf</a>
160	Best Management Practices for Nitrogen Use in South-Central Minnesota	<a href="https://conservancy.umn.edu/handle/11299/198236">https://conservancy.umn.edu/handle/11299/198236</a>
160	Best Management Practices for Nitrogen Use in Southwestern and West-Central Minnesota	<a href="https://conservancy.umn.edu/handle/11299/198238">https://conservancy.umn.edu/handle/11299/198238</a>
160	Best Management Practices for Nitrogen Use on Coarse Textured Soils	<a href="https://conservancy.umn.edu/handle/11299/198230">https://conservancy.umn.edu/handle/11299/198230</a>
160	Best Management Practices for Nitrogen Use: Irrigated Potatoes	<a href="https://conservancy.umn.edu/handle/11299/198232">https://conservancy.umn.edu/handle/11299/198232</a>
161	Central Platte Natural Resource District Vadose Zone Nitrate Study Progress Report	No longer available online
161	Integrating the vadose zone into nitrate contamination of groundwater in Nebraska	No longer available online
161	Best Management Practices for Nitrogen Use in Northwestern Minnesota	<a href="https://conservancy.umn.edu/handle/11299/198235">https://conservancy.umn.edu/handle/11299/198235</a>
161	UM Extension- Soil Management and Health	<a href="https://extension.umn.edu/soil-and-water/soil-management-and-health">https://extension.umn.edu/soil-and-water/soil-management-and-health</a>
161	UM Extension Nitrogen Smart	Replacement link not available at this time

**Table 2. Link updates for the Groundwater Protection Rule Document**

Line	Reference	Link
5.1-5.2	Fertilizer Guidelines for Agronomic Crops in Minnesota	<a href="http://hdl.handle.net/11299/198924">http://hdl.handle.net/11299/198924</a>

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In accordance with the Americans with Disabilities Act, this information is available in alternative forms of communication upon request by calling 651-201-6000. TTY users can call the Minnesota Relay Service at 711. The MDA is an equal opportunity employer and provider. 8-22-2018