

Q. What is a biofilter and how does it differ from a wetland?

- A.** A biofilter is a man-made wetland constructed in such a way to effectively improve water quality by naturally filtering incoming waters just as natural wetlands do. Biofilters are designed and engineered to accommodate major storm events when runoff is greatest. At Flambeau, there are two biofilters and an 8.5 acre wetland. The wetland was constructed as part of Flambeau's reclamation plan. In addition to their use for stormwater management, the biofilters and wetland provide high quality wetlands supporting an abundance of aquatic organisms. The wetland and biofilters bring biodiversity to the reclaimed mine site and local area.

The biofilter that receives storm water runoff from the Industrial Outlot was specifically designed to manage runoff events from the 32 acre site. Since the completion of reclamation, monitoring of surface water at the site has indicated that this biofilter is working extremely well in improving water quality of storm water flowing from the Industrial Outlot area.



WDNR Official collecting water sample from Industrial Outlot Biofilter at Flambeau