

# Discussion of Livingston County Drains and Timber Char bag additions to help reduce incoming pollution

Drain Name	Twp. Length (Feet)	Total Length (Feet)	Twp. Section(s)	Date Est.		<b>Timber Char Filtration Discussion</b>
<a href="#">Brighton – Genoa</a>	507	507	18, 19	1990	Grand River Drain	Double Timber Char bags Added bags for 15 inch Parking lot drain
<a href="#">Ravines of Woodland Lake</a>	502	502	18	1995	Into Ore Creek East	Bags added to Hyne Road to help filter
<a href="#">Trappers Cove</a>	622	622	18, 19	1990	Retention pond Hideaway Beach	This retention pond has very limited, if any flow, plus wetlands absorb any nutrients before lake
<a href="#">Woodland Lake West</a>	296	296	18	1991	Hacker Road, inlet by island	Timber Char bags added July 3
<a href="#">Woodland Northshore</a>	1,185	1,185	18	1993	Into Ore Creek, West	Timber Char bags added July 2



Picture 1 Of 4 at Grand River Drain outlet

Timber char was installed forming an arc around the outlet of the drain into Woodland Lake.

Approval was given by Lorrie and Erick Meier on 6/24/2025 to add this filtration backup to help pick up some of the nutrients and trash coming through the GR Drain and the Meier Parking lot drain (15 inch pipe coming into the lake from the Meier parking lot)



Picture 2 of 4, G R Drain Outlet.

Bags were doubled up this past Thursday, 7/3 to improve nutrient filtration at the most critical location in our lake



Picture 3 of 4 at Grand River  
drain outlet into Woodland  
Lake



Picture 4 of 4 showing Grand River Drain outlet on a dry morning.

Note the plastic bags and trash that have come through the drain in prior rains. Clearly not an effective filtration system in size or adequacy.



Picture 1 of 3 showing Timber Char around 15 inch drain from Meier's parking lot directly into the lake.

This pipe was added many years ago due to the main G R Drain not being capable of handling the amount of water flowing into it, thus flooding the Meier lot







On Thursday, July 3, Hacker Road Drain was addressed with Timber Char Bags. This road drain relies on Rocks and plants to filter out nutrients. The bags will further reduce nutrients from reaching Woodland Lake



Hyne Road Drain had the Timber Char Bags installed on Wednesday, 7/2. This will help reduce the loading to the downstream plants and wetlands that currently filter much of this contamination out. This additional filtration is necessary particularly during heavy rains, where the flow of the nutrients from the drains exceeds the capacity of the plants, based on Limnologists data through the years.