

LAKE WYLIE
MARINE COMMISSION

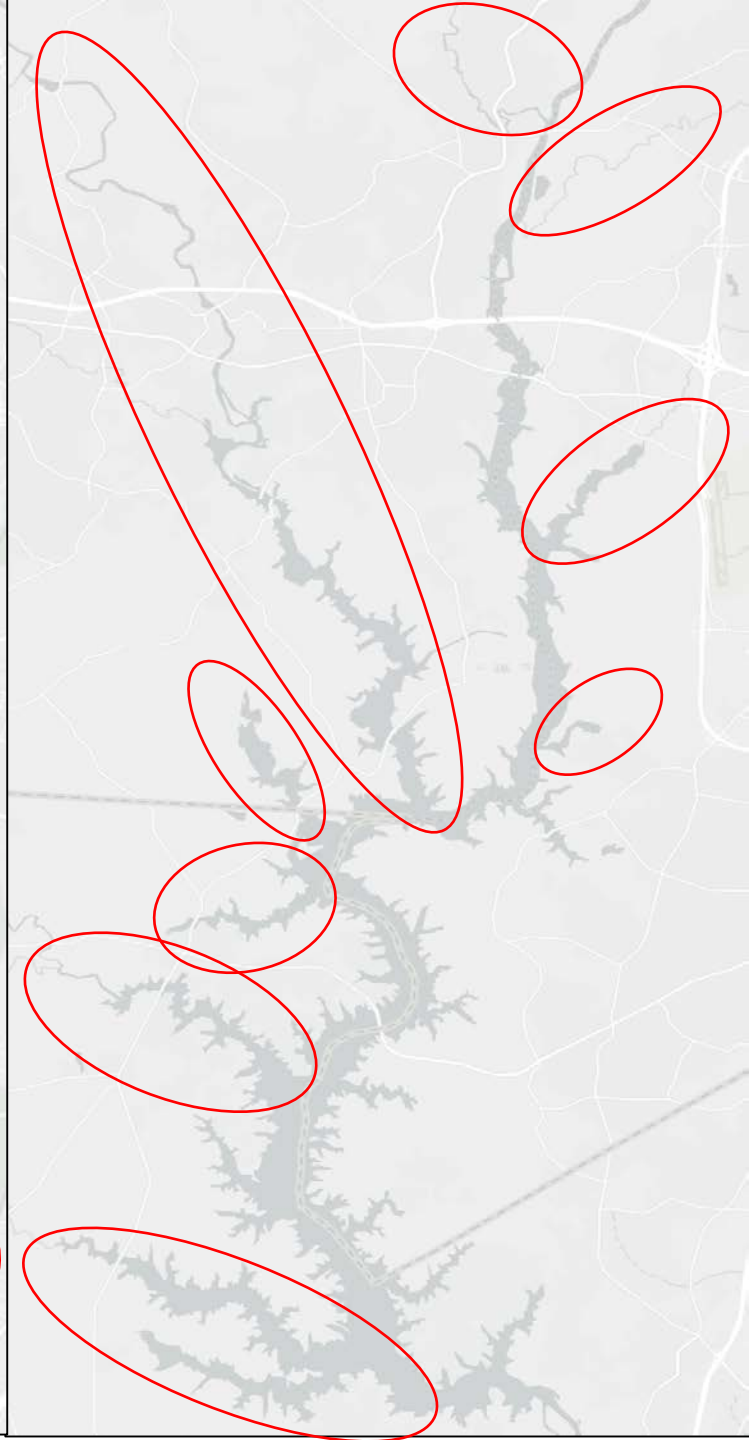
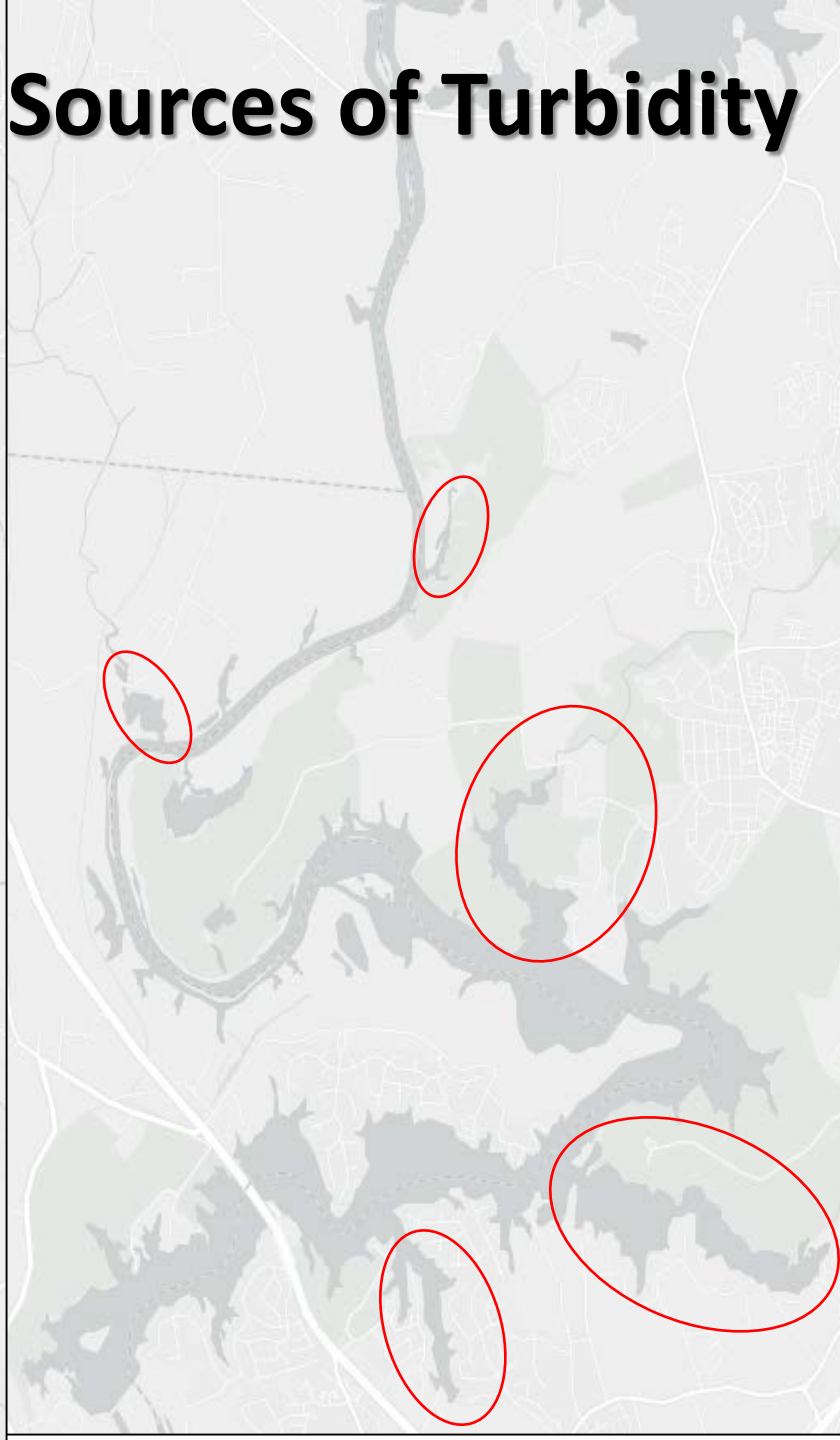
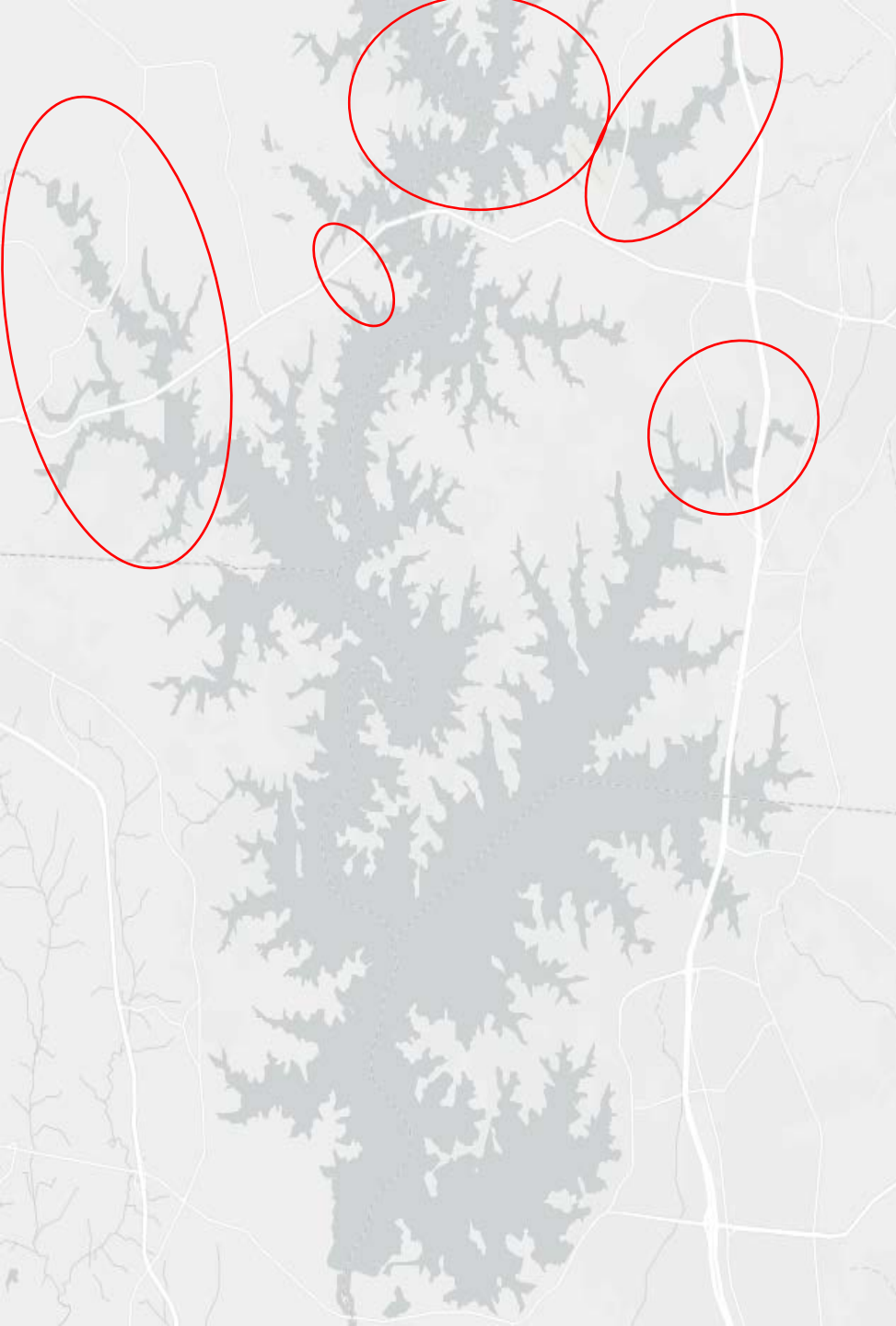
Lake Wylie: Turbidity



Comparing the Lakes

	Shoreline Miles	Surface Acres	Max Depth (ft)	Miles of Main Channel	Maximum width (miles)
Lake Norman	520	33,000	112	33	3
Mountain Island Lake	61	3,200	60	15	0.75
Lake Wylie	352	13,500	65	27	1.25

Sources of Turbidity



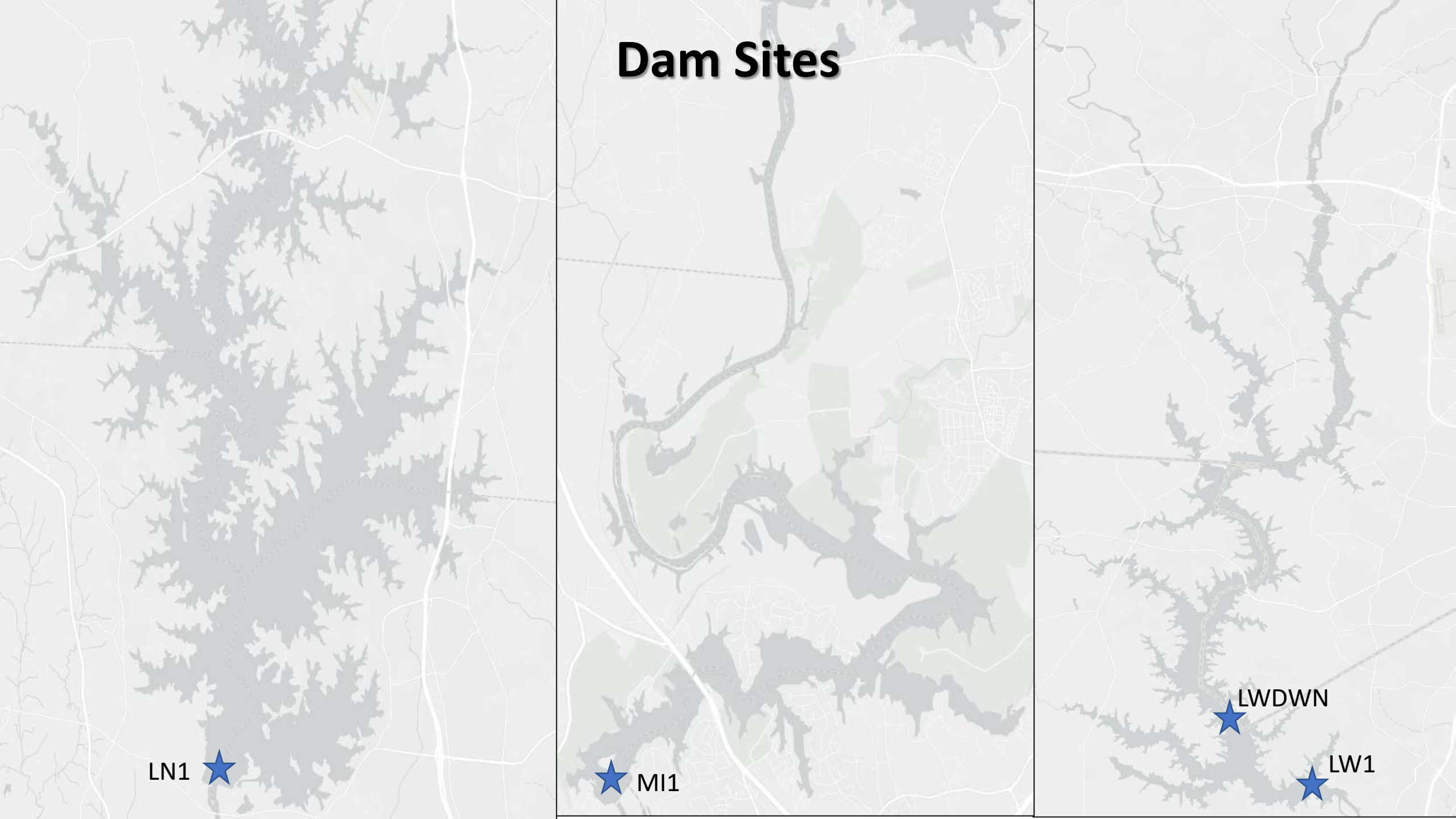
Dam Sites

LN1 ★

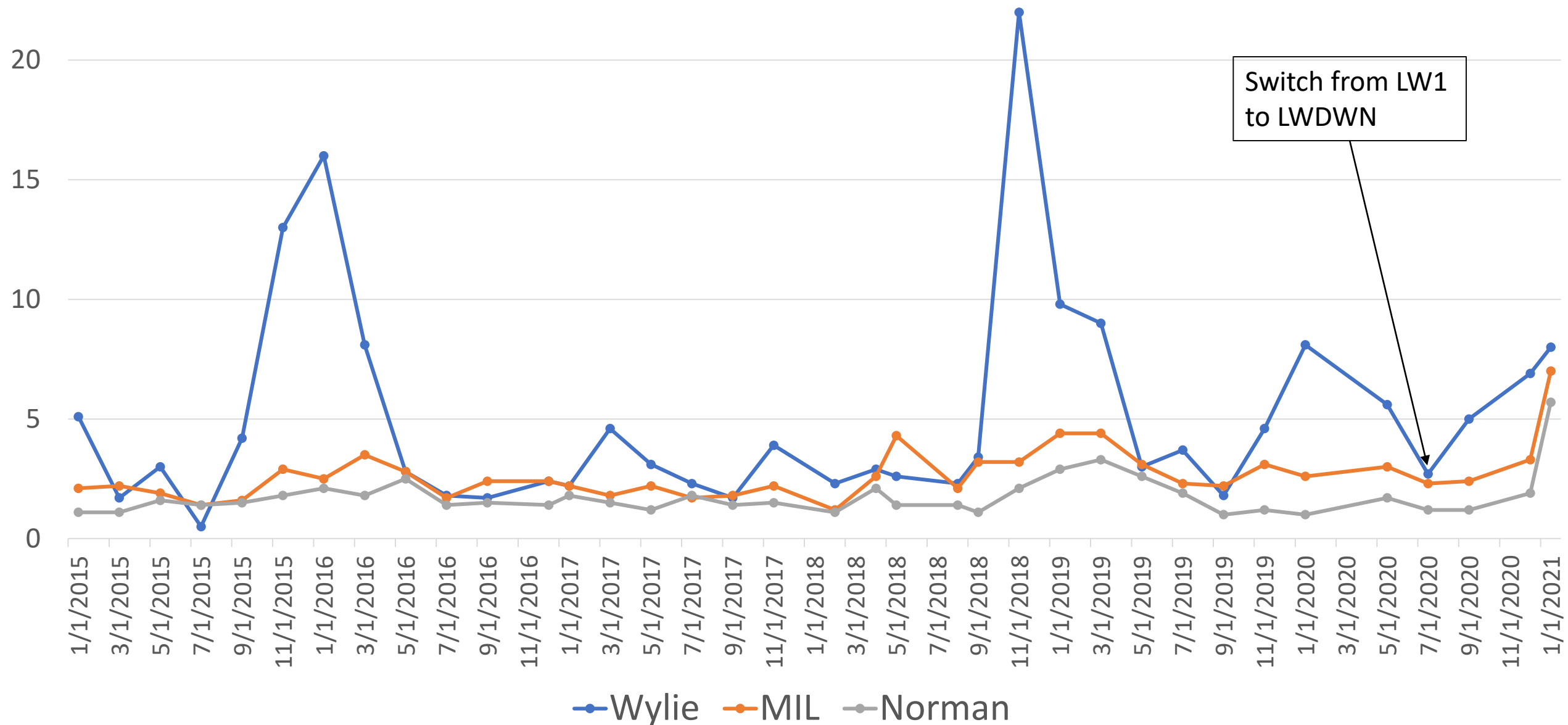
★ MI1

★ LWDWN

★ LW1



Turbidity (NTU) at Dam Sites: Wylie, MIL, Norman 2015-Present



Main Channel Sites

LN4



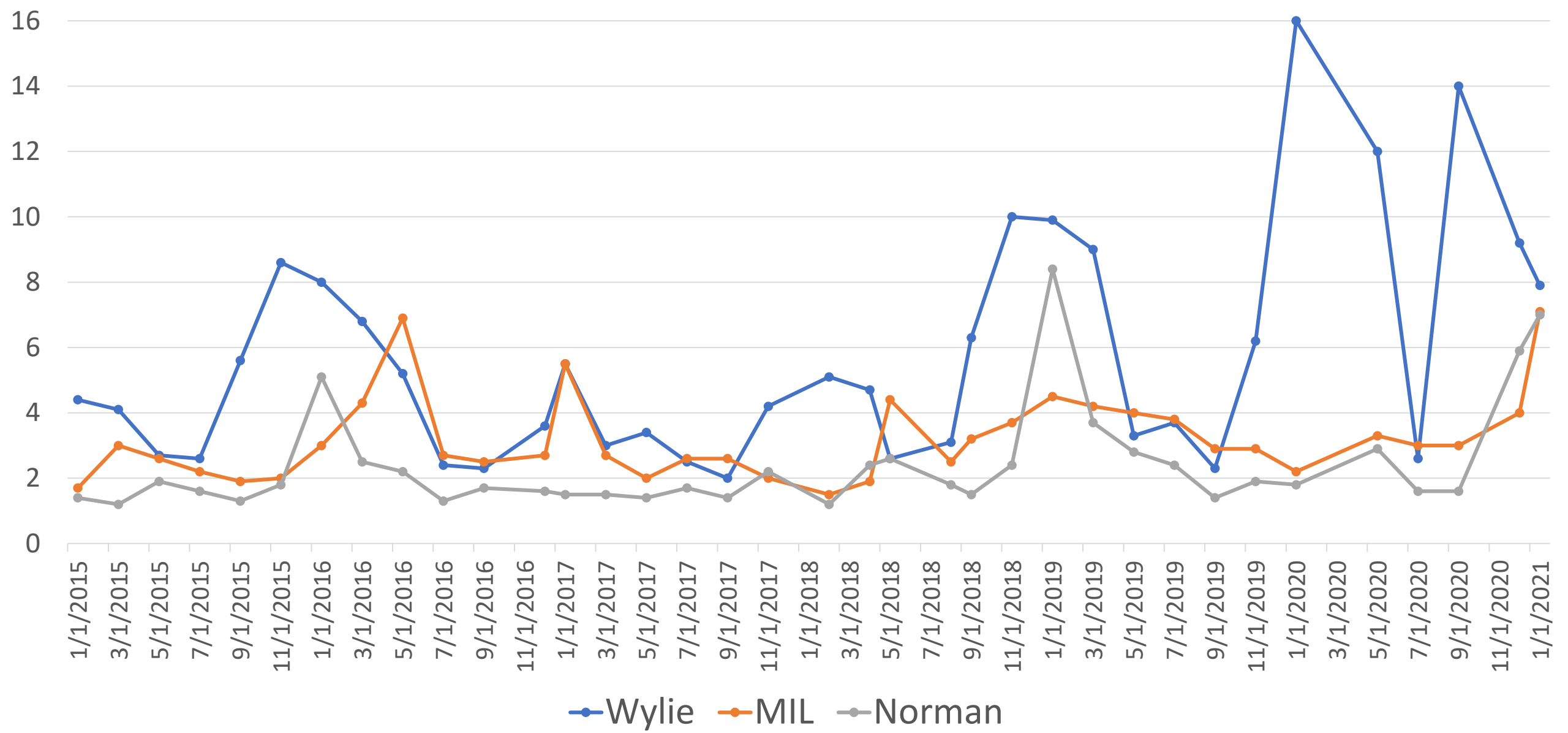
MI9



LW225



Turbidity (NTU) at Main Channel Sites: Wylie, MIL and Norman 2015 - present



Major Creek Sites

★ LN9

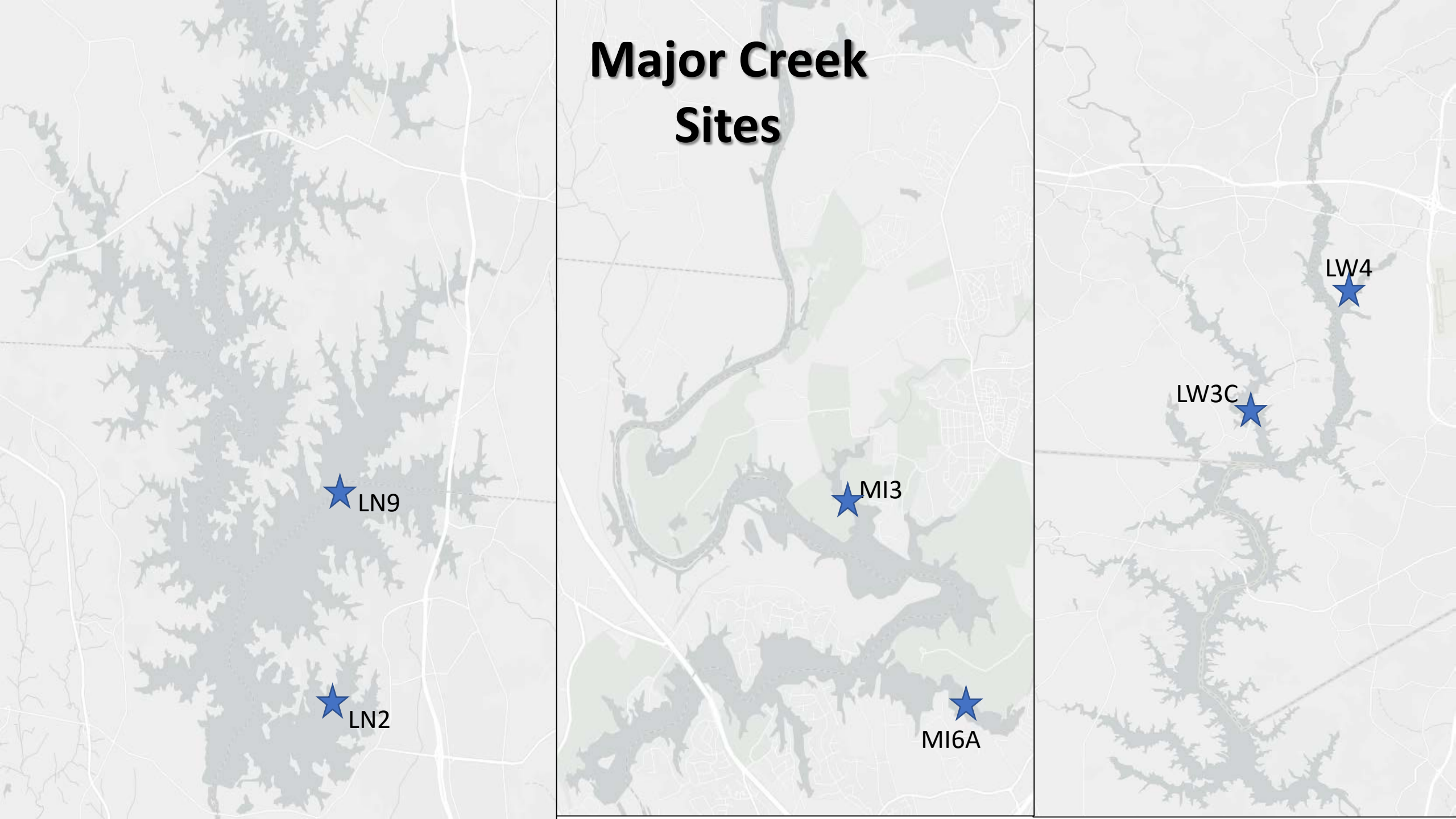
★ LN2

★ MI3

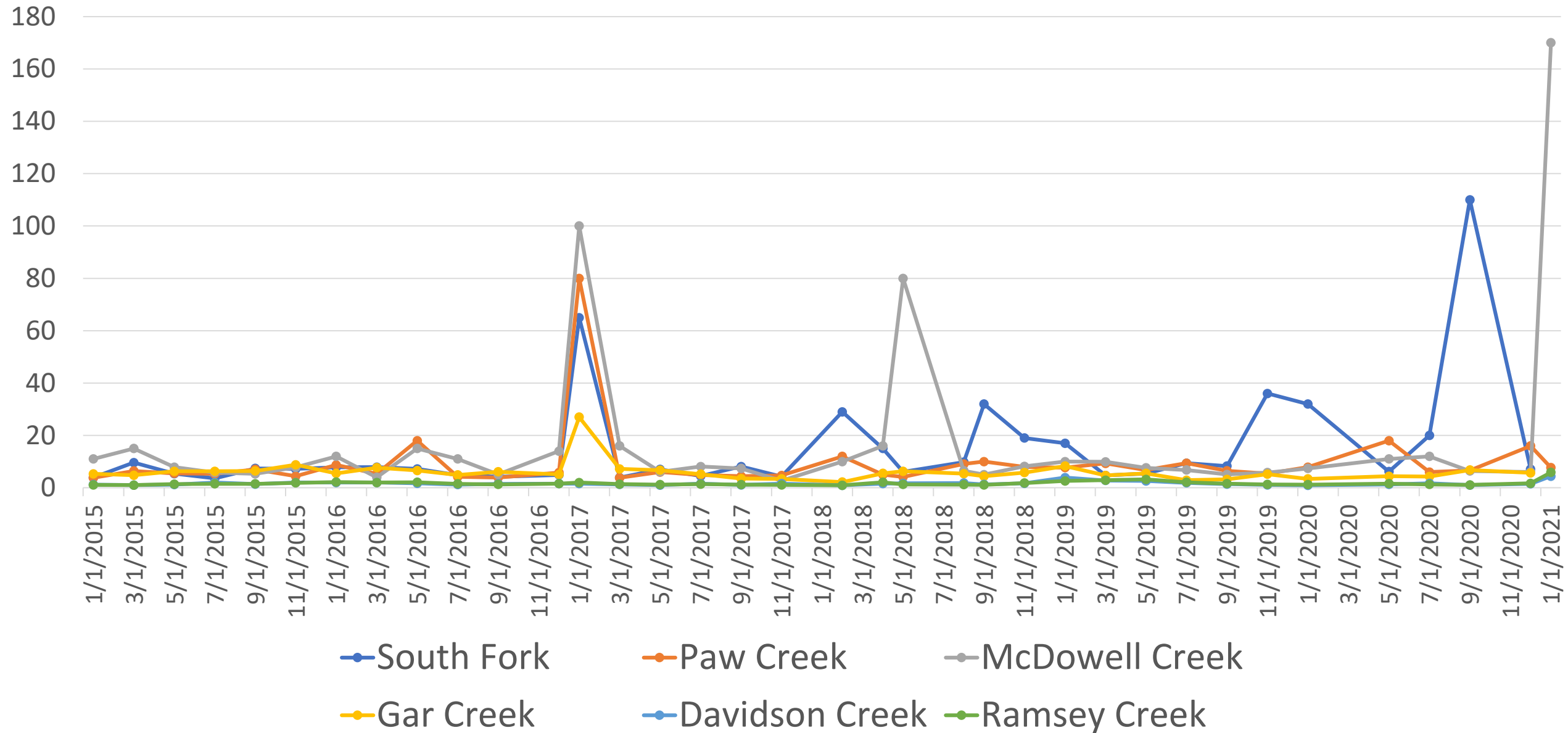
★ MI6A

★ LW3C

★ LW4



Turbidity (NTU) at Major Creeks: Wylie, MIL, Norman 2005 - present



Final thoughts...

Turbidity is common on Wylie due to multiple factors:

- 1. Narrow, riverine shape**
- 2. Shallower main channel depths**
- 3. Numerous large tributaries directly flowing**
- 4. Heavy-developing (developed) watersheds**
- 5. South Fork Catawba River & Dutchman's**