Orange or yellow highlighted cells indicate high results. *Results marked with strikethroughs are less than the lab reporting limit (see below). Any results less than the reporting limit are considered estima 2018-20 2018-20 **Pristine** Regional *Reporti **VWIN VWIN Analysis** Column Heading Description ng Limit **NC Regulatory Limits** Method Notes Average Average Units site# VWIN site number VWIN site name site name month month of sample collection day of sample collection day year of sample collection year SM 4500 NH3 C-0.02 0.08 0.04 n/a 2011 NH3-N ammonia-nitrogen mg/L Cadmium nitrate/nitrite-nitrogen 0.5 0.2 10.0 mg/L nitrate only reduction mg/L NO3-N 0.1 SM 4500 to calculate total Total P total phosphorus (as PO4) mg/L 0 n/a n/a n/a P E-2011 phosphorus as P, SM 4500 n/a P E-2011 PO4 orthophosphate 0.02 0.08 0.04 mg/L 50 NTU for aquatic life, 10 SM 2130 2.1 B-2011 turbidity NTU 1 6 **NTU for Trout Waters** Turb SM 2540 TSS total suspended solids mg/L 10 7.9 2.8 n/a D-2011 SM 2510 Cond conductivity umhos/cm n/a B-2011 10 77.7 19.7 Methyl orange 9.5 n/a titration alkalinity mg/L 22.2 Alk 1 SM 4500 H+Bn/a allowable limit 6.0-9.0 рН 7.2 7 2011 рΗ s.u.

						tecal colitorms shall not		
						exceed a geometric mean		
						of 200/100ml (MF count)		
						based upon at least five		
						consecutive samples		
						examined during any 30		
						day period, nor exceed		CFU stands for colony
						400/100ml in more than 20		forming units using
fecal		CFU/100				percent of the samples	SM 9222	membrane filtration
coliform	fecal coliform	mL	1	n/a	n/a	examined during such	D-2015	counts.
						not less than 6.0 mg/l for		
						trout waters; for non-trout		
						waters, not less than a		
						daily average of 5.0 mg/l		
						with a minimum		
						instantaneous value of not		
						less than 4.0 mg/l; swamp		
						waters, lake coves or		
						backwaters, and lake		measured in the field
						bottom waters may have		by water quality
DO	dissolved oxygen	mg/L	n/a	n/a	n/a	lower values if caused by		meter
						not to exceed 2.8 degrees		
						C (5.04 degrees F) above		
						the natural water		
						temperature, and in no		
						case to exceed 29 degrees		
						C (84.2 degrees F) for		
						mountain and upper		
						piedmont waters. The		
						temperature for trout		
						waters shall not be		
						increased by more than 0.5		manager and in the field
		dograsa				degrees C (0.9 degrees F)		measured in the field
tomp	uvotor tomporatives	degrees	n / c	n /a	n/a	due to the discharge of		by water quality
temp	water temperature	Celsius	n/a	n/a	n/a	heated liquids, but in no	Cocch:	meter
Secchi	Sasshi danth	feet or	n / c	n /a	n/a	n/2	Secchi	manager in the field
depths	Secchi depth	inches as	n/a	n/a	n/a	n/a	disk	measure in the field

volunteer	observations provided by						
comments	volunteers						
present	subjective categories for						
weather	volunteer observations						
amt rain	subjective categories for						
last 3 days	volunteer observations						
	subjective categories for						
level	volunteer observations						
water	subjective categories for						
clarity	volunteer observations						
	subjective categories for						
water color	volunteer observations						
water	subjective categories for						
surface	volunteer observations						
	subjective categories for						
water odor	volunteer observations						
	subjective categories for						
trash	volunteer observations						
Cu	copper	ug/L	2	n/a	n/a		
Zn	zinc	ug/L	20	n/a	n/a		
Pb	lead	ug/L	2	n/a	n/a		
Lake Lure							
elevation:							

