

2019 E. coli Sampling Results from Cades Cove Riding Stables and Smoky Mountain Riding Stables

Riding Stable	Site Code	Site Description	8-Aug-22	15-Aug-22	22-Aug-22	29-Aug-22	8-Sep-22	21-Sep-22	26-Sep-22		1st 5- in-30	2nd 5- in-30	3rd 5-in- 30	4th 5- in-30	5th 5- in-30
Cades Cove	Abrams US Stable	Abrams Creek 100m upstream of stable crossing	17.3	290.9	48	41	98.7	67	104.3		63	82	67		
Cades Cove	Abrams DS Stable	Abrams Creek 100m downstream of stable crossing	33.6	365.4	218.7	90.6	191.8	105	178.5		136	171	148		
Cades Cove	Sparks Lane	Abrams Creek @ Sparks Lane bridge	95.9	82	156.5	172.2	260.3	105	816.4		141	143	227		
Cades Cove	Hyatt Lane	Abrams Creek @ Hyatt Lane bridge	143.9	1046.2	No H2O	No H2O	No H2O				388	1046			
Cades Cove	Loop Bridge	Abrams Creek @ Loop Rd bridge	115.3	410.6	78	18.3	37.9	114.5	365.4		76	76	74		
Smoky Mountain	BAC_DUD_BP	Dudley Creek @BP (Citgo station)													
Smoky Mountain	BAC_STABLETRIB	Trib at Parking Lot from Stables													
Smoky Mountain	BAC_DUDSTABLE	Dudley Creek @ turnout Pasture													
Smoky Mountain	BAC_DUDS	Duds Branch upstream of Dudley													
Smoky Mountain	BAC_DUDLEY	Dudley Creek upstream of Little Dudley													
Smoky Mountain	BAC_LILDUDLEY	Little Dudley upstream of Dudley													
Smoky Mountain	BAC_LDUCONT	Little Dudley upstream of horse concession loop													

TDEC E. coli Standards*

0-126 MPN	Geo-mean WITHIN standard
127-486 MPN	Geo-mean ABOVE standard
>487 MPN	One-time sample ABOVE standard

* Geo-mean is herein defined as the geometric mean of 5 data points within 30 days per TDEC Water Quality Standards.

- GRSM_BAC_Duds_2

GRSM_BAC_Duds_mid

GRSM_BAC_Duds_CONT
- Half way between Duds and Duds

Mid