

Natural Community Verification Report

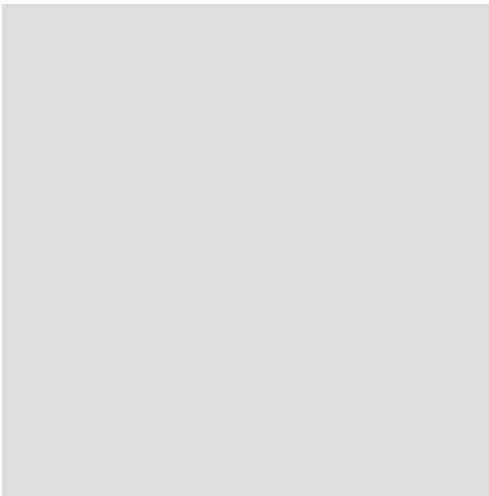
Waterbody Name (WBIC): UNNAMED SINGLE-LINE STREAM T36N-R8W-S29 (2374900)

Swims Station ID: 10029017

Survey Sequence Number: 515085781

This NC Verification Report was run on UN Trib to Big Weirgor Creek DS Four Hills Trail Rd, (10029017), located in RUSK County with fish Survey Sequence Number 515085781 sampled on June 20, 2016. The Natural Community for this station was verified by Joseph Cunningham on January 30, 2020.

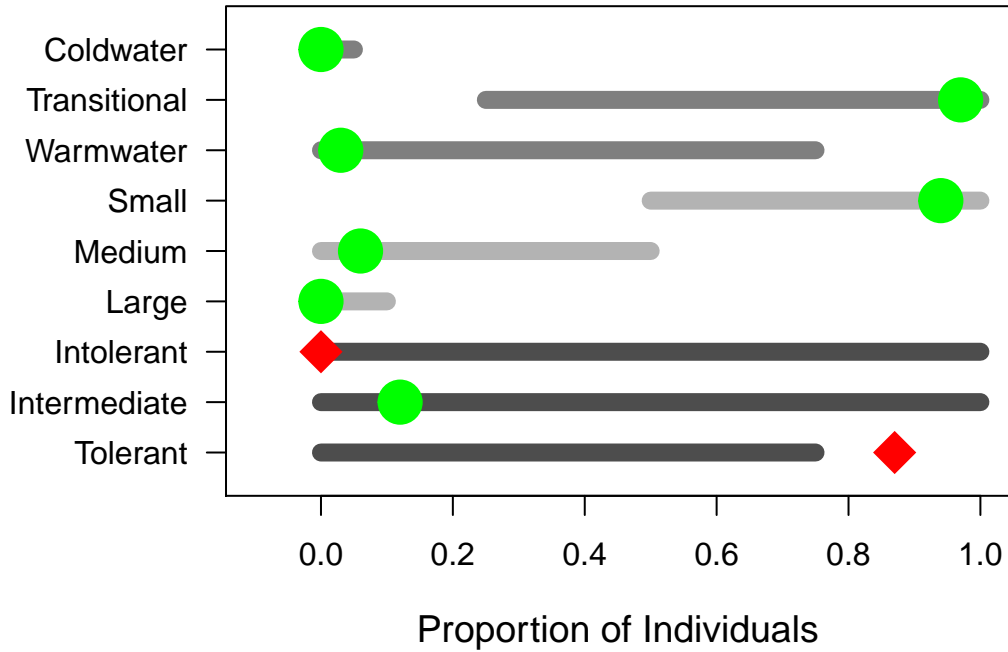
The Natural Community was modeled *Cold Transition Headwater* and is now Verified as *Warm Transition Headwater* .

Fish captured		Survey location
Species	Count	
BLACKNOSE SHINER	1	
BROOK STICKLEBACK	6	
CENTRAL MUDMINNOW	4	
COMMON SHINER	7	
CREEK CHUB	165	
FINESCALE DACE	4	
JOHNNY DARTER	7	
NORTHERN REDBELLY DACE	4	
PEARL DACE	11	
WESTERN BLACKNOSE DACE	55	

Guild percentages

Thermal	Percent.Indiv.	Size	Percent.Indiv.	Tolerance	Percent.Indiv.
Coldwater	0	Small	94	Intolerant	0
Transitional	97	Medium	6	Intermediate	12
Warmwater	3	Large	0	Tolerant	87

Warm Transition Headwater Guild Test



Comments from WR Biologist:

Unnamed Tributary to Big Weirgor Creek DOWNSTREAM Four Hills Trail. The site is located downstream of the now dry flowage/dam abandonment project. The system is still recovering from the affects of the impoundment. Natural community change recommended to warm transition headwater based on species present. The site did fail two tolerance tests, however an intolerant species, the blacknose shiner, was captured in the survey. There are also a high number/percentage of creek chubs in the survey which is skewing the tolerance percentage values.

The modeled NC was retained because the fish survey failed both of the tolerance tests, indicating the fish community may be degraded and should therefore not be used to verify the NC. If future monitoring along this reach provides more reliable fish data for a Verification, additional monitoring and Verification of the NC is recommended.