

Table 1. Water chemistry results from River Runt Dam, Lyman County, June 11-12, 2013.

Station	Depth (ft)	Temp (F)	DO (ppm)	CO2 (ppm)	ALK (mg/L)	HRD (mg/L)	pH	Cond. (μ S/cm)	TDS (ppm)	Sal.	ORP	Secchi (ft)
A	Surface	74.14	1.80	40.0	15	--	7.74	170	85	0.08	-48.8	3.5
A	11.0	74.87	0.51	36.6	79	--	7.51	208	105	0.10	-118.8	

BIOLOGICAL DATA

Methods:

River Runt Dam was sampled on June 11-12, 2013, using two overnight trap net sets. The trap nets have 3ft x 5ft frames, 60ft leads, and $\frac{3}{4}$ inch knotted mesh. No experimental gill nets or electrofishing was done during this survey. Fish indices and statistics were completed using Winfin.

Results and Discussion:

Trap Net Catch

Table 2. Total catch of two, overnight $\frac{3}{4}$ -inch frame nets at River Runt Dam, Lyman County, June 11-12, 2013.

Species	#	%	CPUE	80% C.I.	Mean CPUE*	PSD	RSD-P	Mean W_r
Largemouth Bass	5	100	2.5	± 1.5	0.0	--	--	108

*First year sampled

The survey on River Runt Dam was just an inventory to see what is actually found in the lake. After setting two nets for one night and only catching five largemouth bass, the nets were pulled. Five fish is not enough to make any inferences about the population, but beings they were largemouth bass and they typically do not sample well in trap nets may indicate there may a nice population in the dam. Further sampling will help to answer this question. A stocking of a panfish species would also benefit this dam.

RECOMMENDATIONS

1. Resurvey, when time allows, to further monitor any fish populations that may be stocked.
2. Attempt to electrofish to see actually what type of largemouth bass population exists.
3. Stock a panfish species to provide added opportunity.
4. Stock largemouth bass, if it is deemed necessary to keep the existing population going.