

ROCKY REACH CREEL SURVEY SUMMARY

APRIL – JUNE, 2000

Duke Engineering & Services, Inc. (DE&S) initiated surveys in 1999 as part of baseline studies being conducted for the relicensing of the Rocky Reach Hydroelectric Project (FERC No. 2145). DE&S conducted surveys from August through early October; a summary of these surveys was provided in March, 2000.

Surveys began again in mid-April and will continue through the end of July, 2000. A summary of the 2000 results through June 10, 2000 follows.

Summary of Survey Statistics

For survey purposes, Rocky Reach reservoir was stratified into the following areas:

- Rocky Reach 1: From Rocky Reach Dam upstream to the confluence of the Entiat River
- Rocky Reach 2: From the confluence of the Entiat River upstream to the confluence of the Chelan River
- Rocky Reach 3: From the confluence of the Chelan River upstream to Wells Dam.
- Beebe Bridge Park
- Chelan Falls Park
- Daroga Park
- Entiat Parks
- Lincoln Rock State Park
- Orondo Park

Surveys were conducted on 13 different days from April 16 through June 10, 2000. A total of 24 interviews were conducted with 62 anglers (Table 1). On many of the survey days, the reservoir was surveyed both in the morning hours and again in the evening.

Fish Catch and Harvest

Three smallmouth bass were released by anglers prior to interviewing them in 2000. A total of 26 northern pike minnow were also captured during the pikeminnow derby on June 10 (Table 2). Creel surveyors talked with USDA personnel who are involved in the northern pikeminnow reduction program; their catches, however, were not included in the totals.

Fishing Preference

Of the anglers interviewed who expressed a preference, nearly half were fishing for northern pike minnow, while the majority of the balance were fishing for bass, while about 16% showed no preference. The only other targeted species were smallmouth bass, largemouth bass, and brown trout. Table 3 summarizes angler preferences.

Lengths and Weights

No lengths or weights have been taken during the 2000 surveys.

Creel Survey Schedule for 2000

Creel surveys will continue until the end of July.

Total Shore Anglers	19
Total Boat Angers	43
Total Boats	28
Total Interviews	24
Total Samples	0
Total Creel Dates	13
Total Weekday Creels	6
Total Weekend Creels	7

Species	Fish		Total
	Released	Kept	
LM Bass	0	0	0
SM Bass	3	0	3
Sturgeon	0	0	0
Walleye	0	0	0
Whitefish	0	0	0
Yellow Perch	0	0	0
Burbot	0	0	0
Catfish	0	0	0
Other	0	26	26
Total	1	26	27

Species	Number	Percentage
LM Bass	3	12.5%
SM Bass	6	25.0%
Sturgeon	0	0.0%
Walleye	1	4.1%
Whitefish	0	0.0%
Yellow Perch	0	0.0%
Burbot	0	0.0%
Catfish	0	0.0%
N. Pikeminnow	9	37.5%
Brown trout	1	4.1%
No Preference	4	16.7%
Total	24	100.0%

SUMMARY OF ROCKY REACH CREEL
SURVEYS, 2000

Updated July 22, 2000

Total Shore Anglers	25
Total Boat Anglers	58
Total Boats	44
Total Interviews	39
Total Samples	4
Total Creel Dates	24
Total Weekday Creel Dates	12
Total Weekend Creek Dates	12

Total Fish Sampled:	12
Species:	Walleye
Length (mm)	
Minimum	406
Maximum	730
Mean	546
Weight (g)	
Minimum	914
Maximum	4540
Mean	2013