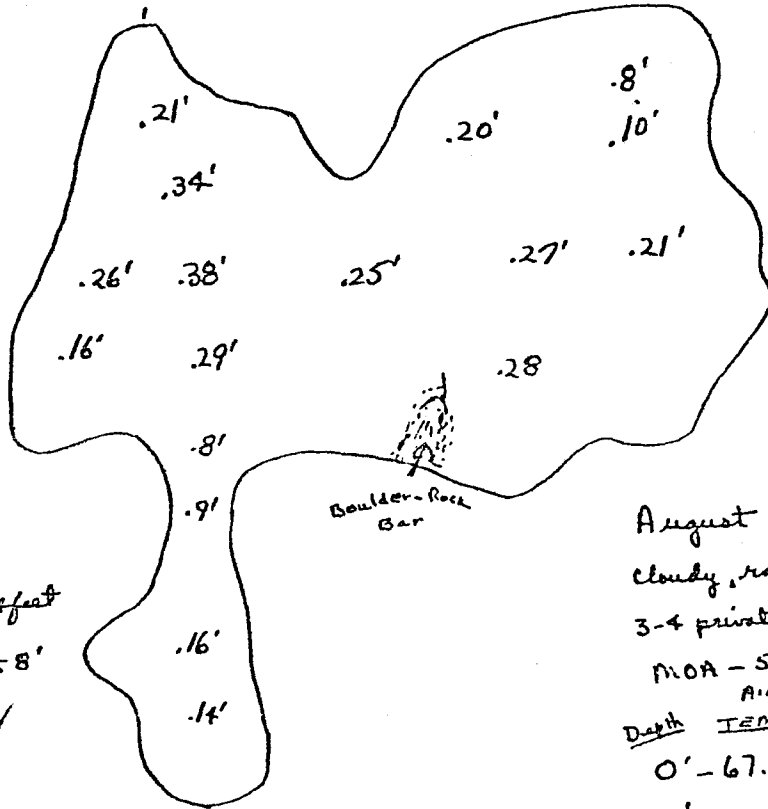


PRONG LAKE - VIKAS Co.  
 T40N-R7E-S 27  
 AREA - 30 Acres

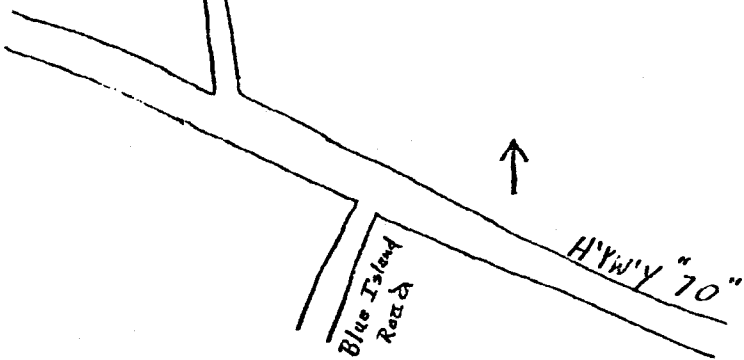
PATH To  
 Bittersweet Lake



Fairly high shoreline  
 Lilies, no cottages  
 Vegetation scarce  
 water level down approx 4 feet  
 clear water, bottom seen at 8'  
 Scattered moss on bottom  
 Panfish & small crabs  
 reported caught

August 21, 1950  
 cloudy, rain, NW wind  
 3-4 private boats on lake  
 MOA - 5.0 PH - 6.6  
 AIR - 62°

Depth	TEMP	Oxygen
0'	67.0	8.3 ppm
5'	66.5	8.3 ppm
10'	66.5	8.8 ppm
15'	66.5	7.8 ppm
18'	66.5	
19'	66.5	
20'	62.5	8.1 ppm
23'	58.0	
24'	55.0	
25'	54.5	7.0 ppm
30'	47.5	5.2 ppm
35'		1.7 ppm



M. Burdick  
 TROUT LAKE RECON

Bittersweet, Oberlin and Prong Lakes, Vilas County

4" = 1 mile

---- drainage basin boundary

wetland

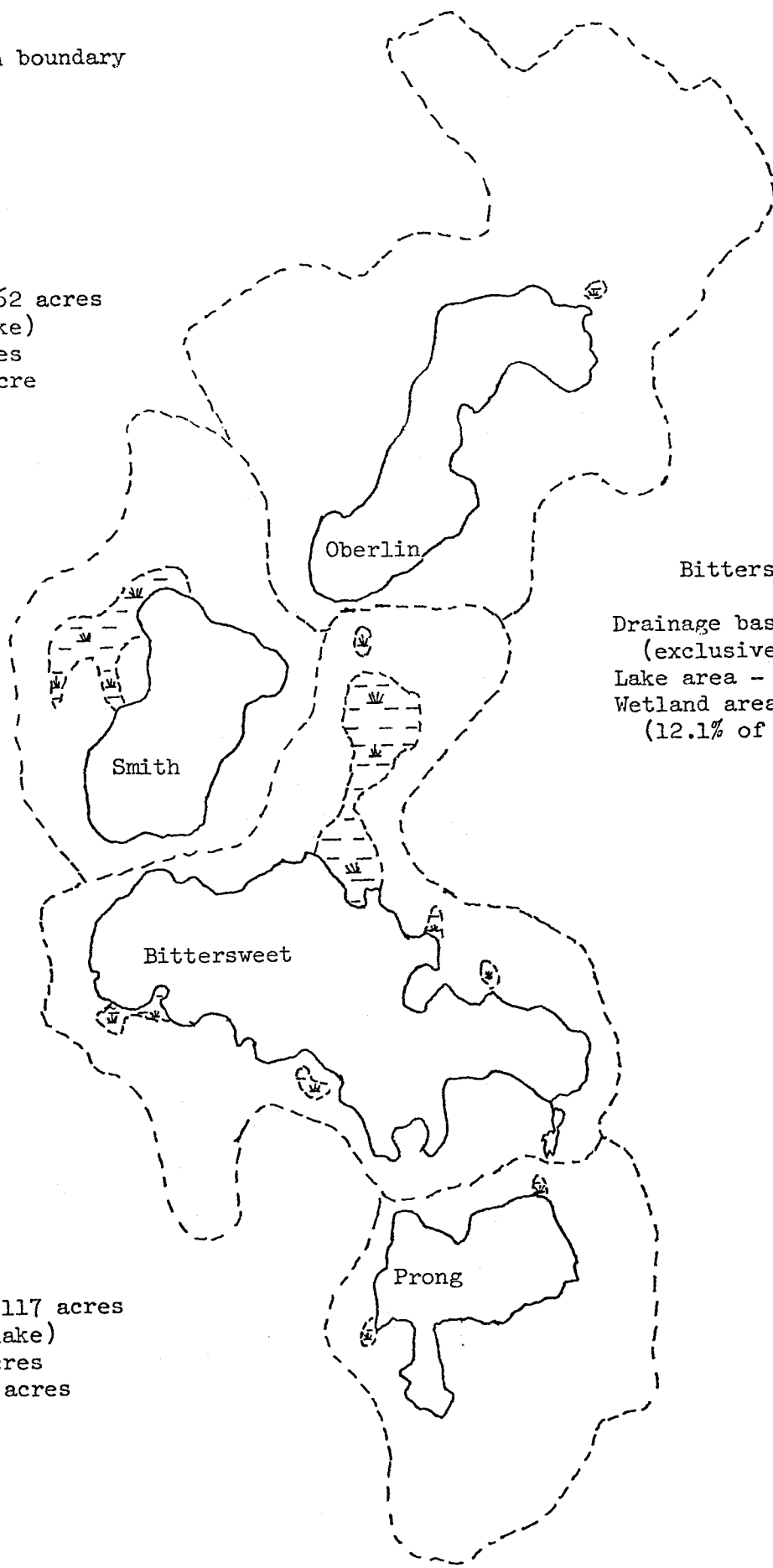


Oberlin

Drainage basin - 262 acres  
(exclusive of lake)  
Lake area - 46 acres  
Wetland area - 1 acre

Bittersweet

Drainage basin - 188 acres  
(exclusive of lake)  
Lake area - 104 acres  
Wetland area - 22.8 acres  
(12.1% of DB)



Prong

Drainage basin - 117 acres  
(exclusive of lake)  
Lake area - 30 acres  
Wetland area - 2 acres

Prong Lake, Vilas County  
Benchmark Lake Report

Watershed Characteristics

The Prong Lake watershed is virtually all upland forest. Very little direct runoff would be expected because of the sandy soil, dense forest canopy and thick ground cover. The entire watershed is owned by the State of Wisconsin and managed as part of the Northern Highland State Forest. Prong Lake is designated as a state scientific area. A 500-foot no-cut buffer zone is maintained around the lake and the remaining part of the watershed will be managed for timber production. The only development in the watershed is a few logging trails. Existing conditions of the Prong watershed are very stable and future protection potential is very good.

Lake Characteristics

Prong Lake is a seepage lake of low fertility. It has slightly acid, clear water of high transparency. Bottom materials consist mostly of sand with gravel, rock and some muck.<sup>(1)</sup> Weeds are scarce. Usage is light with the only access being by logging trails with no developed boat landing. The limited access is probably the only usage problem, although the water level appeared to be two feet below normal during the spring of 1978. The only past manipulation was fish planting and the record is listed in an accompanying table.

The only historical water quality data was two dissolved oxygen profiles which are shown in accompanying tables. The ice cover profile shows oxygen depletion near the bottom. During spring of 1978, a lake profile and water quality samples were taken.

The profile showed temperature stratification and D.O. depletion inspite of the fact it was taken shortly after ice breakup. Breakup of 1978 was during a period of little wind and apparently Prong Lake doesn't always turn over. Additional water quality data could probably be found at the University of Wisconsin. There is no contour map of Prong Lake, although a sounding map is available. The sounding map may be in error because it shows a maximum depth of 38 feet while depths of over 50 feet have been recorded.

(1) Surface Water Resources of Vilas County. 1963.

Source: Wisconsin Department of Natural Resources 608-266-2621  
Prong Lake - Vilas County, Wisconsin DNR Lake Map  
Date – Aug 1950 - Historical Lake Map - Not for Navigation  
A Public Document - Please Identify the Source when using it.