ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF SPORT FISH
LAKE SURVEY SUMMARY

LAKE Bear Lake
aka Eielson float plane pit

MAP REF. Fairbanks C-1 T 3S R 3E S 2-3 LAT. 64° 41'N LONG. 147° 07'W

LOC. Eielson AFB SURF. ELEV. 525

1. SURF. ACRES 46 MAX. DEPTH 18ft AVG. DEPTH 10ft ACRE FT. 458
SHOAL AREA WATER COLOR clear - brown stain SECCHI READING
AQUATIC VEGETATION unknown

2. FISH SPECIES: NATIVE WF, Suckers, Cisco, NP INTRODUCED none

3. FISHING HISTORY some NP taken

4. INVERTEBRATES unknown

5. INLETS one at N. end from Garrison DISCHARGE intermittent cfs
slough during flood stage DISCHARGE cfs
DISCHARGE cfs
BARRIERS intermittemt

6. OUTLETS unknown DISCHARGE cfs
DISCHARGE cfs
BARRIERS

7. SPAWNING AREAS Garrison slough (Freveh Cr.)

8. WATERSHED TYPE river flat, gravel pit DRAINAGE AREA ACRES

9. ACCESSIBILITY paved roadway E. of Richardson Hwy, adjacent to runway

10. ACCESS STATUS Military Reservation

11. USE SITE none FACILITIES none

12. OTHER USE boating and old float plane landing

13. POLLUTION dump on S.E. shore

14. REMARKS

Marginal for trout.
Rehabilitation may be possible after Garrison slough inlet is dyked off.

McKirdy, Heckart, 1961, 30 Jul 65,
BY Roguski and Nagata DATE 17 Jan 67

FG 206 2/68

Bear Lake (Eielson)

Date	Snow Depth	Ice Depth	Sample Depth	O_2 ppm	PH	Total Alk	Total Hardness
1/19/67	15"	18"	2'	7.25			
			10'	2.25			
3/3/67	20"	30"	3'	2.75			
			10'	1.25			
4/14/67							
North end	10"	30"	5'	2.75			
			10'	1.25			
			15'	trace			
			20'	trace			
South end	10"	30"	5'	2.0			
			10'	0.5			
			17'	1.0			
4/3/73	12"	36"	6'	2.0			
8/6/75					8.5	86	68
3/24/78	14"	24"	5'@17'	3.0			
			10'@17'	2.0			
			15'@17'	0.0			
3/24/80	12"	25"	5'@15'	2.0			
3/23/81	3"	32"	5'@17'	3.0			

More info available from Von Reuden, EAFB, and Eielson F+WLdlf Mgt plan.

Figure 3.
BEAR LAKE
(Eielson Float Plane Pit)