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

LAKE Bathing Beauty Pond

MAP REF. Fairbanks C-1 T 2S R 3E S 29 LAT. 64° 43' N LONG. 147° 11' W

LOC Richardson Highway Mile Post 343.6, Eielson Farm Road SURF. ELEV. 525

1. SURF. ACRES 6.9 acres MAX. DEPTH 22 ft AVG. DEPTH 10 ft ACRE FT.
SHOAL AREA WATER COLOR clear SECCHI READING
AQUATIC VEGETATION some grass

2. FISH SPECIES: NATIVE none INTRODUCED AC, AG, RT, LT

3. FISHING HISTORY none prior to stocking in 1980's, steady increase in recreational use each year.

4. INVERTEBRATES

5. INLETS None DISCHARGE cfs
DISCHARGE cfs
DISCHARGE cfs
BARRIERS

6. OUTLETS None DISCHARGE cfs
DISCHARGE cfs
BARRIERS

7. SPAWNING AREAS

8. WATERSHED TYPE river flats, old gravel pit DRAINAGE AREA ACRES

9. ACCESSIBILITY gravel road from Richardson Highway

10. ACCESS STATUS Public, Army Corps of Engineers

11. USE SITE present FACILITIES ~~picnic tables & fire pits & portable out house~~

12. OTHER USE Swimming canoeing no moter use allowed

13. POLLUTION

14. REMARKS

locally known as Henderson's Hole

BY DATE

Bathing Beauty Pond:
USGS Topographic Sectional: Fairbanks

Bathing Beauty Pond is an abandoned gravel pit located along the Richardson Highway at Mile Post 343.6 near Fairbanks. The surface area is 2.8 ha and maximum depth is 6.7 m (Table 14). Bathing Beauty Pond was first stocked in 1975 with Arctic grayling sac fry. The pond was again stocked with Arctic grayling in 1978 and from 1983 through 1988. Arctic grayling have also successfully reproduced in the pond. Rainbow trout fingerlings were stocked from 1986 through 1990. Arctic char and lake trout were both stocked in 1988 and 1989. No other endemic or stocked species are present. Bathing Beauty Pond has supported a modest sport fishery since the mid 1980's. The abundance of age 1 rainbow trout and Arctic grayling has decreased since 1987. During this period fewer of these species were stocked in successive years. Survival rates of rainbow trout from stocking to age 1 have ranged from 18 to 53%. Survival rates of Arctic grayling from stocking to age 1 have ranged from 1 to 32%. Only a few Arctic char and lake trout stocked as fingerlings have been captured in sampling gear. Arctic char captured in 1990 were stocked as adults and as sub-catchables in 1989. The mixed species stocking of Arctic grayling and rainbow trout in 1986 and 1987 were fully successful (estimated density of age 1 game fish was 213 and 154 fish per ha respectively), stocked age 1 game fish all exceeded 100 mm in mean length, and species diversity criteria were met. The mixed species stocking of Arctic char, Arctic grayling, lake trout, and rainbow trout in 1988 was fully successful (estimated density of age 1 game fish = 88 fish per ha), mean length of age 1 fish of all species exceeded 100 mm, however, Arctic char and lake trout survived at such low rates that both of these two species failed to represent at least 10% of the population of age 1 game fish. Although species diversity criteria was not achieved from the stockings in 1988, there were 43 rainbow trout and 150 Arctic graying estimated to have been harvested in 1989 (Appendix A). The mixed species stocking of Arctic char, lake trout, and rainbow trout in 1989 was fully successful resulting in an estimated density of 23 age 1 game fish per ha in 1990. No age 1 Arctic char nor lake trout were caught in 1990; hence, species diversity criteria for the mixed species stocking were not achieved. Age 1 rainbow trout averaged 153 mm in 1990.

Lake Specifics

Characteristic	Specifics
Location:	Richardson Highway Mile Post 343.6
Access status:	Road
Endemic species:	None
Stocked species:	Arctic grayling, rainbow trout, lake trout, Arctic char
Surface area:	2.8 ha
Volume:	179,100 m^3
Maximum depth:	6.7 m
Mean depth:	3.1 m
Alkalinity:	109 mg/L as $CaCO^3$
Morphoedaphic index:	35

Bathing Beauty Pond:

USGS Topographic Sectional: Fairbanks

Lake Specifics

Characteristic	Specifics
Management Area:	Fairbanks
Location:	Richardson Highway Mile Post 343.6
Access status:	Road, urban
Endemic species:	None
Stocked species:	Arctic grayling, rainbow trout, Arctic char
Surface area:	6.9 acres
Maximum depth:	22 feet
Mean depth:	10 feet

Bathing Beauty Pond

Date	Snow Depth	Ice Depth	Sampling Depth	O_2 ppm
3/31/76	4"	48"	6'@22"	7.0
			10'@22'	7.0