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

LAKE ~~Three-mile Lake~~ (3rd LK)

MAP REF. ~~Valdez C-2~~ T 3S R 5E S 35 LAT. ~~61° 32"~~ LONG. ~~144° 26"~~

LOC. ~~4 miles north of Chitina; east side~~ SURF. ELEV. ~~700~~

1. SURF. ACRES ~~20~~ MAX. DEPTH ~~24'~~ AVG. DEPTH ____ ACRE FT. ____
SHOAL AREA ____ WATER COLOR ~~Clear~~ SECCHI READING ____
AQUATIC VEGETATION ____

2. FISH SPECIES: NATIVE ~~Grayling~~ DV INTRODUCED ~~None~~ RB

3. FISHING HISTORY ~~Yields very little~~

4. INVERTEBRATES ____

5. INLETS ~~Small from Nelson Lake~~ (2 mile) DISCHARGE ____ cfs
DISCHARGE ____ cfs
DISCHARGE ____ cfs
BARRIERS ____

6. OUTLETS ~~Small to Copper River 5' x 3'~~ DISCHARGE ____ cfs
DISCHARGE ____ cfs
BARRIERS ____

7. SPAWNING AREAS ~~Some in inlet, very limited at mouth of outlet.~~

8. WATERSHED TYPE ~~Mountainous~~ DRAINAGE AREA ____ ACRES

9. ACCESSIBILITY ~~Borders Chitina Hwy, four miles north of Chitina at Mile 35, Edgerton Cut-off~~

10. ACCESS STATUS ~~South end of lake, 1960~~

11. USE SITE ~~Public~~ FACILITIES ~~None~~

12. OTHER USE ~~Source of drinking water for homesteaders~~

13. POLLUTION ~~Unknown~~

14. REMARKS

____ DATE ____

Valdez ?

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Sport Fish Division

Lake Survey Form

Lake Dakota or 3rd Lake Sec. C-2, Twp. , Rge. , Lat 144-26 N., Long. 61-34 W.
Acreage 20 Max. Depth 24' Altitude 700
Location 4 mile N. of Chitina east sd. of road Water Color (clear, silty) clear
Type of Bottom rock and silt
Inlets (name, size, permanency) small inlet from Nelson Lake
Benchmark (Description) none
Outlet (size, immediate and main drainage) small outlet to Copper River, 5' wd. 3' dp. very steep
Barriers too steep and rough waterfor fish to get up from Copper River
Use (Private, public, semiprivate) public
Public Access Site site taken out on south end of lake in 1960
Facilities (Campground, roadhouse, etc.) none
Native Fish Species grayling
Introduced Species none
Spawning Grounds some in inlet; very limited at mouth of outlet

Fishing History was fair in years past, but yields very little if any sport fish at the present time due to small size and low population of the grayling
Other Uses source of drinking water for homesteaders
Fish Losses none
Character and size of watershed mountainous, very small

Remarks Lake ~~ax~~ exper. stocked with rainbow and silver salmon in 1960. 11 netting periods captured 15 grayling from 6-8 in. in length

(over)

FROM ADF&G FILES 1/97

Description of accessibility (how reached) Borders Chitina Hwy. four miles North of Chitina at mile 35 Edgerton Cutoff

Sketch: showing outline of lake, depth, prominent landmarks, inlets, outlet, weedbeds, public service site location, benchmark location, etc.



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WATER 3 Mile

WATER ANALYSIS

LOCATION Chitna

DATE	STATION	TIME	SNOW COVER	ICE COVER	SAMPLE DEPTH	TEMPERATURE WATER	TEMPERATURE AIR	DO	Hardness CO_2	pH	TOTAL ALKALI	REMARKS	BY
1-25-72				30"	5'			8.					
4/18/72			0"	50"	5'			25				Max depth 20'	
3/3/81	middle of Lk near parking	1315	2"	32"	4'		30°	6ppm				Bottom - max depth 4' → 32° WATER TEMP Surface To Bottom	DAS
4/15/85	mid Lk	1230	1½"	38"	5'		3C	6ppm	222ppm	8	188ppm	conductivity = 468	JB
11					9'			4ppm					

DEFINE LOCATION OF STATIONS ON REVERSE

2/69
FG-208

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SUPPLEMENTAL DATA

NAME 3-mile lake

LOCATION _____

1969 - August - construction of new highway (rock fill) along lake caused "eruption" of two mud islands near south end.

2/26/70 - Sounded lake. No change in maximum depth.

4/28/70
Lake open around inlet & outlet. (No snow)

~~7-25-72~~

7/25/84 Gary Martinez 11:00 am 23" RT est 4 lbs, ♀ with lotsa loose eggs - Ready to spawn

1986 Rb 24.5" 6# caught 6/4/86 age VIII+
Rb 19.0" 3½# " " age VI+

2-22-90 1 angler, 35 minutes, 3 RT, one hole, 11½", 12", 12½"

BY _____ DATE _____

2/69
FG-213