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

LAKE DOT LAKE

N REF. MT. HAYES C-1 T 22N R 7E S CRM LAT. 63°40'N LONG. 144°03'W

LOC. MI. 1361.5 ALASKAN HWY. SURF. ELEV. 1350

1. SURF. ACRES 10 MAX. DEPTH 7 FT AVG. DEPTH ACRE FT.
SHOAL AREA 100% WATER COLOR CLEAR SECCHI READING 7 FT
AQUATIC VEGETATION 50% EMERGENT

2. FISH SPECIES: NATIVE N. PIKE INTRODUCED GRAYLING

3. FISHING HISTORY QUITE A FEW FISHERMEN CATCH SMALL PIKE. GRAYLING FISHING POOR

4. INVERTEBRATES AQUATIC INSECTS AND CRUSTACEANS FOUND IN PIKE STOMACHS

5. INLETS MAIN INLET W. END DISCHARGE cfs
SECONDARY INLET AT S.E. END DISCHARGE cfs
DISCHARGE cfs
BARRIERS NONE

6. OUTLETS MAIN OUTLET AT N.W. END DISCHARGE cfs
TWO ADDITIONAL OUTLETS AT N. & N.E. DISCHARGE cfs
BARRIERS NONE

7. SPAWNING AREAS OUTLET AND INLET STREAMS MAY BE SUITABLE

8. WATERSHED TYPE MOUNTAIN — RIVER BOTTOM, MARSH DRAINAGE AREA 2700 ACRES

9. ACCESSIBILITY ADJACENT TO HWY. (GRAVEL PIT)

10. ACCESS STATUS PUBLIC

11. USE SITE PARKING LOT IN GRAVEL PIT FACILITIES LAUNCHING AREA.

12. OTHER USE SOME NESTING WATERFOWL

13. POLLUTION

14. REMARKS

MAIN OUTLET ENTERS SAND CK. AND THENCE TANANA R.

34,000 GRAYLING FRY PLANTED 6/14/67

MARGINAL LAKE! D.O. AT 4FT 3/19/60, 5-5 ppm.

MGT. DIFFICULT - DUE TO SHALLOW WATER AND OUTLET STREAM SITUATION.

No overwintering capacity.

BY McKIRDY DATE 1960

FG-206 2/69

Alaska Department of Fish and Game

FISH STOCKING

Lake Dot Lake ; Location Alaska Highway

DATE	SPECIES	SIZE	NUMBER	SURFACE TEMP.	SOURCE OF FISH HATCHERY-STOCK
6-11-67	Gray.	Fry	314,100	69°	Fire Lake

(over for remarks)

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MAP REF. Mt. Hayes C-1 T22S R 7E CRM S LAT. 63°40'N LONG. 144°03'W

LOC. Mi. 1361.5 Alaskan Hwy. SURF. ELEV. 1350

1. SURF. ACRES 10 MAX. DEPTH 7 ft. AVG. DEPTH ACRE FT.
SHOAL AREA 100% WATER COLOR clear SECCHI READING 7 ft.
AQUATIC VEGETATION 50% emergent

2. FISH SPECIES: NATIVE NP INTRODUCED GR

3. FISHING HISTORY quite a few fishermen catch small pike, grayling fishing poor

4. INVERTEBRATES aquatic insects and crustaceans found in pike stomachs

5. INLETS main inlet N. end DISCHARGE cfs
secondary inlet at S.E. end DISCHARGE cfs
DISCHARGE cfs
BARRIERS none

6. OUTLETS main outlet at N.W. end DISCHARGE cfs
two additional outlets at N. & N.E. DISCHARGE cfs
BARRIERS none

7. SPAWNING AREAS outlet and inlet streams may be suitable

8. WATERSHED TYPE mountain-river bottom, marsh DRAINAGE AREA 2700 ACRES

9. ACCESSIBILITY adjacent to hwy. (gravel pit)

10. ACCESS STATUS public

11. USE SITE parking lot in gravel pit FACILITIES launching area

12. OTHER USE some nesting waterfowl

13. POLLUTION

14. REMARKS

Main outlet enters Sand Ck. and thence Tanana R. 34,000 grayling fry planted 6/14/67. No overwintering capacity.

BY McKirdy DATE 1960

FG-206 2/69

QUARTZ LAKE
DOT LAKE
JOHNSON RIVER LAKES 2 (No name)
OTHERS (numerous)

1/25/60

The above lakes are to be surveyed as to the possibilities as making fishing areas of them. Quartz Lake has a population of Northern Pike and possibly Whitefish. It gets alot of play as a winter fisheries from the Fairbanks and Big Delta ice fisherman.

Submitted by:
H. J. McKirdy
Mgt. Biol. III

CC: E. S. Harvich
Alex McRae
D-J (1-D,2-D) Frbks.

Dated: January 25, 1960

McKirdy-Summer 1960

ALASKA DEPARTMENT OF FISH AND GAME

Sport Fish Division (Topo Map Mt. Hayes C-1)

Lake Survey Form

Lake DOT LAKE Sec. ____, Twp. ____, Rge. ____, Lat 63° 40' N., Long 144° 03' W.

Acreage 10 acres or less Max. Depth 7 ft. Altitude 1400

Location 1361 Alaska Highway Water Color (clear, silty) Clear, bottom can be seen anywhere.

Type of Bottom Mud

Inlets (name, size, permanency) 1 very small permanent inlet in main pond.

Benchmark (Description)

Outlet (size, immediate and main drainage) Small permanent creek into Sand Creek, thence into Tanana River.

Barriers None

Use (Private, public, semiprivate) Public

Public Access Site Large gravel parking area adjacent to Highway.

Facilities (Campground, roadhouse, etc.) Boat launching site in gravel area adjacent to Highway.

Native Fish Species Pike

Introduced Species None

Spawning Grounds Lake is about 50% covered with scattered emergent vegetation. Also much submergent vegetation.

Fishing History Qutie a few fisherman catch a few small pike.

Other Uses Some nesting waterfowl.

Fish Losses None that are known.

Character and size of watershed This lake drains a small mountain area to the south and a small tundra area to the east.

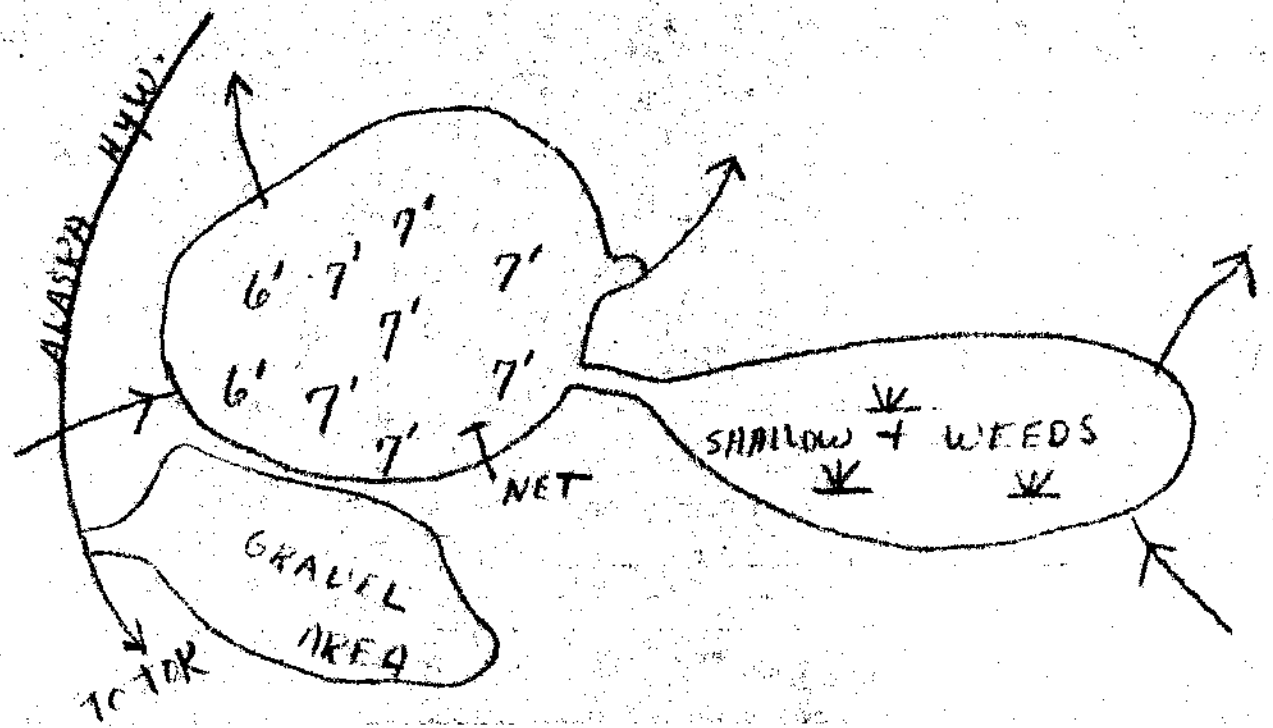
Remarks Set gill net at 2 PM July 21 '60. Pulled net at 10 AM July 22 '60. Took 9 Pike between 9" and 16". The stomachs of these fish contained no fish, only aquatic insects and crustaceans.

(over)

Description of accessibility (how reached)

Adjacent to raod at approximately 1361 Alaska Highway.

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



Alaska Department of Fish and Game

FISH STOCKING

Lake DOT LAKE ; Location Dot Lake - Alaska Hwy

DATE	SPECIES	SIZE	NUMBER	SURFACE TEMP	SOURCE OF FISH HATCHERY - STOCK
[illegible]					
6/14/67	GR	fry	34,000	69°	Fire Lake Hatchery

(over for remarks)