

Describe spawning habitat: This site has been enhanced, with gravel placed in outlet and in spawning channels.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Ponds are scalp ponds where gravel material for the three dams on the Skagit River was mined in the '30s. Ponds have limited woody debris but have good growth of aquatic species. Inlet and outlet channels are constructed, have some limited cover.

Describe inaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Site seems to be protected from the river, was only backwatered in 1990.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Lower end of outlet channel is backwatered

Coho access and use: Juvenile Unknown None Poor Fair Good
Adult Unknown None Poor Fair Good

Describe: Large numbers of adults have been counted at this site, large numbers of juvenile coho have been trapped.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Chums, pinks, and sockeye have been observed spawning in the site. Juvenile pinks, chums, sockeye, chinooks, steelhead and bull trout have been trapped.

ENHANCEMENT OPPORTUNITIES

Project type:

Equipment access: Good

ADDITIONAL COMMENTS: The ponds at this site were joined and a new entrance channel constructed along with two spawning channels in summer of 1991. Site was planted and L.O.D additions are planned.

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

RQ1

SITE IDENTIFIER: SK18~~03~~
LOCAL NAME: Newhalem Ponds

NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

RIVER: Skagit SURVEY DATE: 11/2/94 OBSERVER: B. Barkdull

WRIA: 03.1864A RIVER MILE/BANK LOCATION: RB 90.7

LEGAL LOCATION DESCRIPTION: 1/4 SECTION NW SEC.31 T.37n R.12e

CHANNEL TYPE: Scalp ponds, and ground water channels(2)
Manmade Channel

RIVER	LOW END	UPPER END	O T H E R LOCATIONS
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WATER TEMP:

FLOW (CFS):

WATER QUALITY: very good

SUBSTRATE TYPE/SPAWNING GRAVEL ABUNDANCE & CONDITION:

This site has been enhanced, with gravel placed in outlet and in spawning channels.

COVER/LOD: Cover along channels sparse, fair amount of LOD

SITE DIMENSIONS: LENGTH:

WIDTH-WETTED:	Wetted area: 81,000 m2
-CHANNEL:	(from air photo's)

DEPTH: To 12'

WATER SOURCE: River perc.

FISH ACCESS/BLOCKAGES/CURRENT USE (BOTH ADULTS & JUV.):

This site is used by adult coho, chums, pinks, and sockeye. Juvenile use is yet to be determined

LANDOWNER: Seattle City light

CHANNEL ENTRANCE CONDITIONS: Good

FACTORS LIMITING PRODUCTION:

Lack of cover and LOD

SITE IDENTIFIER:SK18RB3
LOCAL NAME:Newhalem Ponds

PAGE 2

NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

UP-OUTMIGRANT TRAPPING CAPABILITY/OPPORTUNITY/DIFFICULTIES:
Due to amount of water, site will need to be closely monitored.

BEAVER ACTIVITY: always

HEAVY EQUIPMENT ACCESS: good

DIRECTIONS TO SITE:

Site is located one mile west of Newhalem on Highway 20, through the gate on the Seattle city light siding road.

ENHANCEMENT OPPORTUNITIES AND COMMENT:

The ponds at this site were joined and a new entrance channel constructed along with two spawning channels in summer of 1991. L.O.D additions are planned.