

Continued

Turner Lake Potential High

en at the expense of other
nt fish disease controls in
the compromising of disease
operated by the State play an
l should be fully funded.

be a real "hot" topic. The
closer and closer to Alaska.
north of Vancouver, is the
ntation of fish farms in
ing to keep track of the
pect that discussions about
ime. We will continue to
sh farming.

e are looking optimistically
find yourself in Sitka give
r concerns with you or take
k.

s of informational meetings.
of Southeast, we'd like to
s which operate in Northern
anning a meeting and would
pond to questions, or just
ive me a call at (907) 747-

*Apr 1 86
FISH ROP
NSRAAS PAPER*

request
harvest Area
ad

iation (NSRAA), 103 Monastery Street,
surplus chum salmon expected to return
et near Sitka. Based upon last
will occur between August 15th and

According to a predictive model devel-
oped by Jeff Koenings of ADF&G Lim-
nology Section approximately 500,000
adult sockeye might be produced from
Turner Lake. This is the report from
Dave Barto, ADF&G project leader for
the northern southeast limnology pro-
jects. However, he cautions, this pr-
oduction is theoretical and is only
based on one year's survey data from
Turner. This fish production model
was developed from data collected by
ADF&G during the last seven years at
numerous naturally producing sockeye
salmon nursery lakes throughout the
State.

As stated previously this production
model is only an indication of the
lake's production potential. Numer-
ous factors could directly reduce the
production from any stocking of sock-
eye fry. These factors could in-
clude: competition and predation from
the kokanee and cutthroat trout pop-
ulations currently in the lake; and
cold water temperatures which could
reduce the fry growth and survival
rates. Nevertheless, the model serves
as a predictive tool to estimate the
the magnitude of potential benefits.

At present, ADF&G's Limnology Sec-
tion is threatened with a 32% budget
cut. This level of budget reduction
would severely impact the ability of
the Department to continue its sock-
eye research projects and support the
NSRAA lake stocking project. However,
it is hoped that federal money re-