

Alaska Department of Fish and Game
Division of Sport Fish

Region II
Statewide Stocking Plan
for
Sport Fish
2020 - 2024

2020 UPDATE

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II-1. Northern Cook Inlet Chinook Salmon Enhancement

The Willow Creek Chinook salmon fishery has been enhanced with hatchery produced fish since 1985 with the objective of producing a return of an additional 4,000 adult Chinook salmon to Willow Creek and generating 10,000 angler-days of fishing opportunity. This program was largely successful with hatchery fish contributing an average of 40% of the harvest or about 1,400 fish annually through 2007.

The objectives of the Willow Creek enhancement program have not been met in recent years. Beginning in 2008, Chinook salmon returns to Willow Creek, similar to other returns across the state, began declining. Willow Creek was designated a Stock of Concern in 2011 after missing its escapement objectives over four consecutive years and by 2012, the sport fishery was restricted by emergency order to nonretention to conserve all returning fish. Even with harvest prohibited, the escapement goal has not been consistently met, with the goal being achieved in 2013, 2015-2016 and not achieved 2014, 2017-2018. Both wild and hatchery fish have been protected because to allow harvest of only hatchery fish would greatly increase angling pressure and catch-and-release mortality on wild fish for which the escapement goal is based.

The brood source for this project comes from Deception Creek, a tributary to Willow Creek. The target stocking level of 212,000 smolt requires 38 adult pairs, which are collected by weir. Only the eggs from wild (naturally produced) fish may be used as brood in stocking back into Deception Creek. Hatchery produced fish may be used as brood in stocking lakes or other terminal fisheries such as the Eklutna Tailrace. About 50% of the fish returning to Deception are of hatchery origin. Similar to Willow Creek, recent returns to Deception Creek have been low, resulting in failure to attain sufficient wild brood to meet egg-take goals. An average of 156,000 smolt have been stocked into Deception Creek over the past 10 years, about 56,000 less than target. A dismal return in 2018 resulted in only 4 wild and 25 hatchery pairs collected, too few wild fish to stock Deception Creek in 2019.

The Willow Creek enhancement and Eklutna terminal stocking programs are intertwined in that hatchery fish returning to Deception Creek may and have been used to boost stocking levels at Eklutna. In 2012, at the calling of stakeholders to create more fishing opportunities during a period of poor production, an effort was made to identify candidates for new stocking programs or current programs where stocking numbers could be boosted. It was quickly realized that any new program enhancing a wild stock fishery would be constrained by lack of available brood, but that terminal fisheries could be supported by existing programs where genetics policy allows hatchery produced fish as brood, such as those available at Ship Creek or Deception Creek. A practical solution was to boost stocking levels at the terminal fishery located at the Eklutna Tailrace, a fishery that was started in 2002 and quickly became popular, generating 10,000 angler-days of effort and harvest of 1,000 fish by 2007. To offset poor marine survivals experienced since 2007 and diminished harvest levels, the stocking level was tripled. Originally all smolt stocked at Eklutna were of Ship Creek origin, but beginning 2014 with the increase in stocking level, supplemental eggs were collected from Deception Creek. Since 2014, an average of 41 spawning pairs have come from Ship Creek and 39 pairs from Deception in support of stocking 425,000 at Eklutna. Fishing success at Eklutna became very good by 2016 with harvest rising to 1,400 fish.

The future of this program is jeopardized by suppressed returns in recent years and that the likelihood of achieving egg take goals and stocking Deception Creek during continued down years is small. The department is exploring its options and the most scenario would be to:

Suspend Willow Creek enhancement program indefinitely or until stocks rebound- This option would phase out the current brood collection program on Deception Creek, while seeking another brood source to supplement stocking at Eklutna until the end of the downturn. Deception Creek was last stocked in 2018 with 211,000 smolt that will return through 2021. The department has time and funds invested in these hatchery returns and is obligated to use these fish if possible, in stocking other sites. The Deception Creek weir would be operated through 2021 to collect only

II-1. Northern Cook Inlet Chinook Salmon (continued)

hatchery produced fish for brood in stocking Eklutna. Wild returns would not be collected and allowed to pass the weir through a chute.

Objectives

Eklutna Tailrace:

1. Produce a return of 4,000 adult Chinook salmon to Eklutna Tailrace.
2. Generate 10,000 angler-days annually of Chinook salmon sport fishing effort at Eklutna Tailrace.

Actions

1. Stock 424,000 thermally marked Chinook salmon smolt in Eklutna Tailrace from 2020-2024.

Evaluations

1. Sport fishing effort and harvest will be estimated through the SWHS (SWHS) for both Willow Creek and Eklutna Tailrace.
2. A weir at Deception Creek will be used to take eggs for future smolt releases (July 15 - August 15).
3. Ground and helicopter surveys will provide an index of natural spawning abundance in Willow Creek during peak spawning (July 15 - August 15). This will help determine if enough surplus fish are available to support egg-take goals. A carcass survey in Willow Creek and Deception Creek will provide an estimate of the hatchery contribution in the spawning escapement.

II-2. Anchorage Urban Area Chinook Salmon Enhancement

The primary purpose of this program is to maintain or increase Chinook salmon sport fishing opportunities in Anchorage on a sustainable basis by supplementing Ship Creek's natural run with hatchery fish.

The Northern Cook Inlet (NCI) urban area extends from Ingram Creek in Turnagain Arm north to the Eklutna River drainage. Although anglers have the opportunity to participate in salmon, trout, grayling, and char fisheries in this area of industrial and rural settings, Chinook salmon sport fishing opportunities are limited to a few streams and rivers. By far the largest Chinook salmon fishery in the Anchorage Management Area is the enhanced Ship Creek fishery. Angling effort targeting all species in Ship Creek peaked at 62,101 angler-days in 2000. The 2018 Statewide Harvest Survey (SWHS) estimates of sport angler effort in the Anchorage and Turnagain Arm drainage areas totaled 57,790 angler-days which is a slight increase over the previous 2 years.

From 2009 to 2018, the Ship Creek sport fishery produced an annual average catch and harvest of 1,453 and 913 Chinook salmon, respectively. During 2018 anglers fishing Ship Creek caught an estimated 451 Chinook salmon, and they harvested 411 fish according to the SWHS. From 2009 to 2018 an average estimated escapement of 1,425 Chinook salmon above the Ship Creek fishery. In 2018 there was a poor return of Chinook salmon.

Objectives

Ship Creek:

1. Produce a return of 6,000-9,000 adult Chinook salmon to Ship Creek for sport fish catch and/or harvest, while assuring about 750 Chinook salmon are available at Ship Creek for natural spawning, fish viewing, and egg take needs.
2. Generate at least 35,000 angler-days of annual sport fishing opportunity directed at stocked Chinook and coho salmon in Ship Creek.

Actions

1. Stock 365,000 thermally marked Chinook salmon smolt annually in Ship Creek.

Evaluations

1. Total sport fishing effort, catch, and harvest will be estimated through the SWHS.
2. Escapement counts will be estimated from stream surveys conducted between the Elmendorf dam and the Chugach Power Plant dam.

II-3. Kasilof River/Crooked Creek Chinook Salmon Enhancement

The objective of this program is to provide additional early-run Chinook salmon fishing opportunities on an annual basis in the Kasilof River via hatchery supplementation.

Crooked Creek, the primary tributary to the lower Kasilof River, historically supported a wild return of early-run Chinook salmon that numbered several thousand fish. At this level of abundance, the return was incapable of supporting a significant sport fishery. Salmon species produced at Crooked Creek Hatchery (constructed in the mid-1970s) and utilized to increase sport fishing angler opportunity included the Crooked Creek strain of early-run Chinook salmon. These Chinook salmon smolt produced the first significant adult return in 1978. The Crooked Creek hatchery no longer functions as an incubating or rearing facility. To support this enhancement project, eggs are collected from ocean-age-2 adult Chinook salmon returning to the Crooked Creek Facility and transferred to William Jack Hernandez Sport Fish Hatchery where they are reared to the smolt stage. In early June, the smolt are transported to the Crooked Creek Facility where they are held in concrete raceways for approximately seven to ten days for imprinting before release into Crooked Creek.

Crooked Creek supports a viable and increasing sport fishery on the Kasilof River with harvest during the last 39 years of the program. The 2004-2010 estimated mean harvest from sport fish angler creel surveys on the Kasilof River was 1,517 hatchery-produced Chinook salmon (Cope 2011, Cope 2012)¹. This is a substantial increase over the 251 Chinook salmon harvested from the first return in 1978. The Statewide Harvest Survey (SWHS) estimates the mean annual harvest from 1996 to 2018 is 3,335 Chinook salmon. Source: Alaska Sport Fishing Survey Database [Internet]. 1996-present. Anchorage, AK: Alaska Department of Fish and Game, Division of Sport Fish (cited October 2019). Available from: <http://www.adfg.alaska.gov/sf/sportfishingsurvey/>.

Early-run Chinook salmon of Crooked Creek origin are known to have strayed into Slikok Creek, a minor tributary of the Kenai River (King and Breakfield 2002). This straying is not desirable and may negatively affect the genetic integrity of wild Slikok Creek Chinook salmon. Beginning in 2000, the number of smolt stocked into Crooked Creek was reduced from 210,000 smolt to 105,000 and all smolt released into Crooked Creek were marked with an adipose fin clip and a coded wire tag. Coded wire tags were discontinued from 2011 through 2014 and then reinstated from 2015 through 2017. Coded wire tags were again discontinued in 2018 and 2019. Currently, all Chinook salmon stocked into Crooked Creek are marked with an adipose fin clip and thermal otolith mark. Detection of straying Chinook salmon into the Kenai River occurs annually through various Chinook salmon assessment projects. Straying into Slikok Creek is assessed by periodic stream surveys and most recently a weir (2008-2012). Slikok Creek stream surveys and weir have indicated decreased levels of straying and have resulted in less concern. Since 2014, approximately 140,500 smolt have been stocked yearly and will continue to be stocked annually into Crooked Creek. Coded wire tag recoveries outside of the Kasilof River are also summarized annually to assess straying (Secondary Objective 4).²

Objectives

Annual primary objectives of the Crooked Creek Chinook Salmon Enhancement Project are as follows: (1) produce a return of approximately 3,000 hatchery-produced, early-run adult Chinook salmon, generating approximately 17,500 angler days of sport fishing opportunity annually; (2) ensure that a sustainable escapement goal of 650-1,700 naturally-produced adult Chinook salmon continue to spawn upstream from the Crooked Creek Facility (Bue and Hasbrouck *Unpublished*)³.

The overall goal of this research program is to reconstruct naturally- and hatchery-produced returns of Chinook salmon to Crooked Creek such that a biological escapement goal can eventually be formulated. Specific objectives relating to the Crooked Creek are listed below.

¹ The Kasilof River early-run Chinook salmon creel survey was discontinued in 2011.

² Annual summaries of coded wire tag recoveries will be reported in Gates, et al. *In prep*, Assessment of Crooked Creek Chinook Salmon, 1999-2016. Alaska Department of Fish and Game, Fishery Data Series No. YY-XX, Anchorage.

³ Unpublished report to the Alaska Board of Fisheries, November 2001 and February 2002, entitled Escapement goal review of salmon stocks of Upper Cook Inlet, by Brian G. Bue and J. J. Hasbrouck, located at Alaska Department of Fish and Game, Anchorage.

II-3. Kasilof River/Crooked Creek Chinook Salmon Enhancement (continued)

1. Census the escapement of ocean-age-2+ naturally- and hatchery-produced Chinook salmon in Crooked Creek that pass through the weir from late May to the middle of August.
2. Estimate the age composition, sex composition, and age-by-sex composition of ocean-age-2+ naturally- and hatchery-produced Chinook salmon in Crooked Creek, such that the estimated proportions are within 10 percentage points of the true value 90% of the time.

Secondary Objectives

In addition to the primary objectives outlined above, the secondary objectives are as follows:

1. Hold, imprint, and release approximately 140,500 Chinook salmon smolt at the Crooked Creek Facility in June, 2020.
2. Collect, hold, and artificially spawn a minimum of 101 male and 101 female naturally- and hatchery-produced Chinook salmon adults returning to Crooked Creek during July, 2020 to produce approximately 140,500 smolt to release into Crooked Creek and up to 315,000 smolt for other releases in 2021⁴. Gametes are labeled as being collected from either naturally-produced or hatchery-produced brood stock to ensure that offspring from only naturally-produced Chinook salmon are released into Crooked Creek. Offspring from hatchery-produced fish may be released at other terminal fisheries.
3. Monitor upstream migration of returning adult sockeye salmon during the Chinook salmon run from late May to mid-August.
4. Summarize coded wire tags recovered from Chinook salmon stocked into Crooked Creek in previous years including recoveries found outside of the Kasilof River drainage.
5. Estimate the mean length-at-age of ocean-age-2+ naturally- and hatchery-produced Chinook salmon in Crooked Creek that pass through the weir from late May to the middle of August.
6. Minimize the number of hatchery-produced Chinook salmon in the spawning escapement.

⁴ This number is provided from William Jack Hernandez Sport Fish Hatchery and may change in response to stocking demands and production at other brood stock collection sites. This number has been adjusted for a 15% potential cull rate for Bacterial Kidney Disease.

II-4. Kachemak Bay Area Chinook Salmon Enhancement

The primary purpose of the program is to provide Chinook salmon fishing opportunities in Kachemak Bay. In addition, it provides an alternative to heavily fished wild-stocks in Lower Cook Inlet.

Kachemak Bay drainages support pink and chum salmon in harvestable amounts. Coho salmon runs to Kachemak Bay drainages are small and/or difficult to access. Chinook salmon return to some tributaries but not in harvestable amounts. Hatchery-reared early-run Chinook salmon have been stocked in Halibut Cove Lagoon since 1974, Homer Spit since 1984, and Seldovia Bay since 1987. In most years, the Ninilchik River Chinook salmon broodstock was used for these stockings. However, when insufficient broodstock from the Ninilchik River is available, Crooked Creek and Ship Creek broodstock have also been used to support the Kachemak Bay stocking program as consistent with Alaska Department of Fish and Game stocking policy.

From 1988 through 2017, the annual stocking objective for the Nick Dudiak Fishing Lagoon (formerly known as the Homer Spit Fishing Lagoon) has been 210,000 Chinook salmon. The stocking goal was increased to 315,000 starting in 2018. The harvest of Chinook salmon off the Homer Spit dropped from a historical (1987-2008) average of roughly 2,300 fish annually to an average of 492 Chinook salmon from 2008 through 2013. The recent five year (2014-2018) average harvest was 1,062. This average was below the historical average but roughly double the 2008-2013 average. The low harvest from 2008 through 2013 was attributed to poor survival of stocked fish. Factors contributing to the poor survival are thought to include the following: 1) below average size of smolt stocked that resulted from loss of heated water at the State hatchery, 2) mortality during salt water rearing during *Chaetoceros* spp., blooms (a diatom that possesses long sharp spines that can lacerate the gill filaments of fish), 3) poor rearing habitat within the NDFL and 4) the overall downward trend in marine survival of wild and hatchery-reared Cook Inlet Chinook salmon stocks. Beginning 2012, the below average size was rectified when Chinook salmon production was shifted the WJHSFH, adaptive salt water rearing methods have been developed to reduce *Chaetoceros* spp., exposure, and rearing habitat has improved after the City of Homer dredged 32,500 cubic yards of gravel, sand and organic material from the NDFL to create its original depth profile, which improved flushing and the rearing area within the lagoon.

The annual stocking objectives for Halibut Cove Lagoon and Seldovia Bay through 2006 were 105,000 smolt at each location. From 2007 through 2014 some stockings at both locations were below the goal due to shortages from broodstock collection. The estimated Chinook salmon harvest near Seldovia and Halibut Cove Lagoon between 1988 through 2000 was 1,400 Chinook salmon annually. The harvest is no longer estimated in these locations with the SWHS because the low number of respondents produced imprecise estimates. In 2018, Halibut Cove Lagoon stocking was suspended in order to increase the Nick Dudiak Fishing Lagoon where returning Chinook salmon can be more fully utilized.

Chinook salmon returning to the terminal stocking locations provide fishing opportunities in late May and June. Boat anglers target Chinook salmon returning to the terminal areas and shore anglers primarily target Chinook salmon once they have arrived at the terminal areas and are more concentrated.

Objectives

1. Produce a harvest of approximately 1,500 adult Chinook salmon for harvest by shore based anglers at the Nick Dudiak Fishing Lagoon.
2. Generate 15,000 angler-days of annual sport fishing opportunity directed at stocked salmon (including coho salmon) at the Nick Dudiak Fishing Lagoon in Kachemak Bay.

Actions

1. Annually stock 315,000 thermally marked early-run Chinook salmon smolt at the Nick Dudiak Fishing Lagoon on the Homer Spit.
2. Annually stock 105,000 thermally marked early-run Chinook salmon smolt in Seldovia Lagoon.

II-4. Kachemak Bay Area Chinook Salmon Enhancement (continued)

Evaluations

1. Sport fishing effort and harvest for the Homer Spit will be estimated through the SWHS.

II-5. Kodiak Area Road System Anadromous Chinook Salmon Enhancement

The primary purpose of this program, which began in 2000, is to provide a return of Chinook salmon along the Kodiak Road System that will be available to anglers. In 1999, the Karluk River Chinook salmon run was identified as wild stock brood source to initiate hatchery production for annual smolt releases at designated road system streams. Since 2004, returns of hatchery-reared Chinook salmon to Monashka Creek (and, more recently, the American and Olds rivers and Salonie Creek) have been used as brood stock for continuation of this enhancement program. The current annual production goal is at least 200,000 15-gram smolt, which are released in the American and Olds rivers and Salonie Creek. Stocking of Monashka Creek has been discontinued due to chronically low returns. Returning adult Chinook will be caught by anglers in the saltwater of Middle, Kalsin and Womens bays, as well as the freshwaters of Salonie Creek, and the American and Olds rivers.

This project is funded by the department through a cooperative agreement with the Kodiak Regional Aquaculture Association (KRAA). Under this agreement, KRAA is compensated for providing aquaculture services, which includes spawning and rearing Chinook salmon juveniles to smolt size. The department is responsible for collecting brood stock and imprinting/releasing smolt.

In 2009, the department installed an additional hatchery raceway at the Monashka reservoir which has allowed for an increase in smolt production capacity to at least 200,000 15-gram smolt. The actual number of smolt produced will vary annually based on broodstock numbers and hatchery survival rates, and in some years may range as high as 300,000. Additional smolt produced will be released at the three currently approved release locations.

Objectives

1. Produce a return of 3,000 adult Chinook salmon to Kodiak road system streams.
2. Generate 1,500 angler-days of annual sport fishing opportunity along the Kodiak road system, directed at enhanced Chinook salmon.

Actions

1. Annually collect up to 450,000 Chinook salmon eggs.
2. Annually incubate and rear the progeny from the egg take to smolt size at Pillar Creek Hatchery.
3. Annually stock as many as 80,000 in the American River, 80,000 in the Olds River, and 80,000 in Salonie Creek.

Evaluations

1. Sport fishing effort and harvest will be estimated through the Statewide Harvest Survey.

II-6. Ninilchik River Chinook Salmon Enhancement

The primary purpose of this program is to increase sustainable Chinook salmon fishing opportunities on the Ninilchik River by supplementing the stream's wild run with hatchery-reared fish, without significantly altering historical Chinook salmon age and sex compositions.

Chinook salmon smolt originating from egg takes conducted on the Ninilchik River then reared in department hatcheries have been stocked in Ninilchik River since 1988. Initial stocking level was 200,000 smolt, of which only 20% were adipose fin-clipped and tagged with coded wire tags. In 1995, due to wild stock concerns, the stocking level was reduced to 50,000 smolt of which 100% were clipped and tagged. This reduction in enhancement level was thought to provide additional protection to wild stocks. The 100% marking provided for more accurate assessment of hatchery-reared versus wild-stock production and reduced genetic concerns by allowing the use of only wild fish for broodstock. Additionally, 100% marking provided a means of increasing exploitation of hatchery-reared fish while protecting wild stocks. As a cost saving measure, from 2011-2014 smolt stocked in the Ninilchik River were not coded wire tagged but their adipose fins were clipped. Smolt stocked in 2015 and 2016 were CWT but not in 2017 and 2018. The continued use of the adipose fin clip allows hatchery-reared Chinook salmon to be identified in the Ninilchik River. A weir is used to monitor the Ninilchik River Chinook salmon escapement and used to collect broodstock for egg takes. The weir was operated throughout the entire Chinook salmon run from 1999 through 2005. During these years, the Chinook salmon run averaged approximately 2,200 fish, and the escapement averaged approximately 1,600 wild and 600 hatchery-reared Chinook salmon. From 2006 through 2015, the weir was only operated during the peak of the run from late June until the end of July or until the broodstock goal was achieved. Beginning 2016, the use of instream video equipment was assessed prior to broodstock collection and was found to be a cost-effective way to monitor the portion of the run outside of the broodstock collection period. Starting in 2018, an additional instream video weir was also deployed just above the Garrison Ridge road bridge to fully enumerate the Chinook salmon escapement in the Ninilchik River. Historically based on aerial surveys, it was assumed that 35% of the Chinook salmon escapement spawned below the Brody weir. Based on the weir counts from both Garrison and Brody weirs in 2019, approximately 33% of the total Chinook salmon counts spawned below Brody.

The Ninilchik River Chinook salmon wild stock is managed to ensure the wild Chinook salmon escapement upstream of the egg-take weir. The Ninilchik River Chinook salmon Sustainable Escapement Goal (SEG) has been modified over the years. The current SEG range of 750-1,300 wild Chinook salmon was established in 2016 and is based on the escapement of wild fish at the Brody weir site throughout the entire run. This stock has met its SEG in most years with the exception of 2007 and 2009. In 2010, no eggs were needed for stocking because fish production at the new WJHSFH was sufficient. There were sufficient numbers of wild Chinook salmon to meet the egg take goal in 2011, 2014-2016 and 2018, but not in 2012, 2013 or 2017.

The Ninilchik River Chinook salmon fishery is restricted by regulation to Saturday through Monday during three consecutive three-day "weekends" in late May to early June and continuously for hatchery fish starting June 16. The Ninilchik River sport fishing regulations were liberalized annually from 2001 through 2007 to increase harvest of hatchery-reared Chinook salmon. In 2001-2004 and 2006-2007, the fishery was extended by emergency order (EO) for harvest of hatchery-reared king salmon. In 2005, the Alaska Board of Fisheries (BOF) increased the bag limit to two Chinook salmon, of which only one could be wild. In 2007, the BOF created a hatchery-reared king salmon sport fishery season beginning July 1. In 2013, the BOF reduced the bag limit to one Chinook salmon. From 2010 through 2015, and 2018 the sport fishery was restricted by EO in response to low run sizes in an effort to annually achieve the Chinook salmon escapement and broodstock goals. In 2016, the sport fishery was liberalized by EO to open continuously starting June 16 instead of July 1. The gear was restricted to single hook, no bait.

Since 2009, Chinook salmon harvest and sport fishing effort in the Ninilchik River has been well below historical averages. From 2009 through 2018, the Ninilchik River king salmon sport harvest has averaged less than 200 fish annually, which is roughly a 75% reduction from the pre-stocking years (1977-1990) and low stocking years (1999-2008). Sport fishing effort in the Ninilchik River has declined by over 70% compared to the same historical periods. These declines are likely associated with below average Chinook salmon runs, EO restrictions to the sport fishery and shifts in effort towards other Chinook salmon sport fisheries.

II-6. Ninilchik River Chinook Salmon Enhancement (continued)

Objectives

1. Produce additional adult Chinook salmon for harvest that consistently maintain three 3-day weekend fisheries and supporting the hatchery only fishery in the Ninilchik River and assure that wild spawning escapement is within the SEG of 750-1,300 fish.
2. Generate additional angler-days of opportunity directed at hatchery-reared Chinook salmon in Ninilchik River.

Actions

1. Annually stock up to 150,000 thermally marked Chinook salmon smolt in Ninilchik River of which 100% will be adipose fin-clipped and thermal marked.

Evaluations

1. Sport fishing effort and harvest will be estimated by the SWHS.
2. Weirs at Garrison Ridge Road Bridge and Brody Road Bridge on Ninilchik River will be used throughout the run to census wild and hatchery-reared fish to evaluate run timing, age, sex, and length compositions and the Brody weir will be used to take eggs for future smolt releases.

II-7. Prince William Sound Chinook Salmon Enhancement

The primary purpose of this program is to create terminal Chinook salmon fisheries near communities where angling opportunities for Chinook salmon are limited or nonexistent. The program will develop these fisheries near three communities of Prince William Sound (PWS); Whittier, Cordova, and the community of Chenega. Angler effort out of the port of Whittier has increased dramatically since modification of the Anton Anderson Memorial Tunnel in 2000 and is expected to continue to increase into the foreseeable future. In comparison to Whittier, the sport fisheries of Cordova are small. However, angler effort in the Cordova area has steadily increased throughout the last decade. The first release of Chinook salmon smolt at Chenega was in 2012. Ship Creek is the primary brood source for Chinook salmon released at these sites. There are no significant natural Chinook salmon stocks in the Prince William Sound Area or in the Copper River Delta.

The Department of Fish and Game initiated Chinook and coho salmon stocking programs in PWS during the 1970s. For a variety of reasons, state involvement in these stocking activities was eliminated. Prince William Sound Aquaculture Corporation (PWSAC) began Chinook salmon stocking projects at Whittier and Cordova in the late 1980s. Due to production problems and cost considerations, PWSAC eliminated these stocking projects. The current stocking projects have replaced the PWSAC Chinook salmon stocking project in Cordova. The Chenega stocking project is a cooperative project between the Village of Chenega, ADF&G and PWSAC. ADF&G supplies PWSAC with 50,000 eyed Chinook salmon eggs, and PWSAC completes incubation and rears the fish until they are released as smolt.

The Whittier Chinook salmon stocking program, terminated in 2005 due to a lack of rearing space at Fort Richardson hatchery, was resumed in 2010. Chinook salmon smolt are delivered to a net pen in Whittier and local residents feed and monitor these fish for two weeks while they imprint to the stocking location off the mouth of Cove Creek.

The town of Valdez completed a new release site in Old Town Valdez and stocking commenced in the spring of 2005. Although this new release site was an improvement over the old site, this particular stocking venture has not been productive and there is no evidence that it has produced any return. VFDA and Department staff terminated the project in 2013.

The Fleming Spit site at Cordova is a brackish water lagoon that has supported a release since the 1980s. However, the success of this release, relative to the number of angler days supported and the number of returning adults has diminished substantially with the loss of hot water at the old hatchery. Chinook salmon smolt from the new hatchery were first stocked here in the spring of 2012. Coincidentally, the catch of Chinook salmon did pick up considerably off this beach site in 2013.

William Jack Hernandez Sport Fish Hatchery is now fully operational. If target smolt release sizes are met, the terminal nature of these fisheries is expected to provide a higher catch to return ratio. With this in mind, the stated objectives are estimates of what might be expected for these releases.

Objectives.

1. Produce a return of approximately 200 Chinook salmon to the Cordova area for harvest by boat and shore based anglers in Orca Inlet. This is anticipated to generate approximately 500 angler days of fishing effort.
2. Produce a return of approximately 200 Chinook salmon to the Whittier area for harvest by boat and shore based anglers in Passage Canal. This is anticipated to generate approximately 500 angler days of fishing effort.
3. Produce a return of approximately 200 Chinook salmon to the Chenega area for harvest by boat and shore based anglers. This is anticipated to generate approximately 500 angler days of fishing effort.

Prince William Sound Chinook Salmon Enhancement (continued)

Actions

1. Stock 105,000 thermally marked Chinook salmon smolt into the pond at Fleming Spit in Cordova from 2020.
2. Stock 105,000 thermally marked Chinook salmon smolt near the mouth of Cove Creek in Whittier from in 2020.
3. Annually provide Prince William Sound Aquaculture Corporation with up to 50,000 Chinook salmon eyed eggs to produce smolt for release at Chenega.

Evaluations

1. Sport fishing harvest and effort will be evaluated through the SWHS for the Passage Canal, Orca Bay, and Chenega areas. However, area managers recognize that the prevalence of feeder kings in the sport fish harvest (ADF&G unpublished data) combined with a lack of information pertaining to species specific angler effort preclude accurate evaluations of these fisheries.

II-8. Resurrection Bay Area Chinook Salmon Enhancement

The purpose of this program is to provide Chinook salmon sport-fishing opportunities in Resurrection Bay through hatchery enhancement.

Resurrection Bay drainages do not support wild Chinook salmon runs. Two distinctive Chinook salmon runs have been developed in Resurrection Bay through hatchery enhancement. The late-run Chinook salmon program was canceled due to a lack of available broodstock. Sport fisheries occur in late-May through early July for early-run Chinook salmon. In 2018, according to the SWHS estimates, 7,544 Chinook salmon were caught and 4,438 harvested inside Resurrection Bay by both shore based and boat anglers.

Objectives

1. Produce a return of 4,000 to 6,000 early-run adult Chinook salmon to Resurrection Bay.
2. Generate 10,000 angler-days of annual sport fishing opportunity directed at stocked early-run Chinook salmon in Resurrection Bay.

Actions

1. Stock 315,000 thermally marked early run Chinook into Resurrection bay from 2020–2024. The primary brood source is Crooked Creek, and the secondary brood source if the number of spawning pairs of the primary brood source is inadequate is Ship Creek.

Evaluations

1. Total sport fishing effort and harvest for will be estimated through the SWHS.

II-9. Northern Cook Inlet Urban Area Coho Salmon Enhancement

The primary purpose of this program is to maintain or increase coho salmon sport fishing opportunities in NCI. Approximately half of the state's population resides in NCI. The NCI urban area extends from Ingram Creek in Turnagain Arm north to the Little Susitna River drainage. The 2018 SWHS estimates of sport angler effort in the Anchorage and Knik Arm drainage areas totaled 132,198 angler days (Jennings, et al. *In prep*). Although anglers have the opportunity to participate in salmon, trout, grayling, and char fisheries in this area of industrial and rural settings, salmon sport fishing opportunities are limited to a few streams and rivers.

In order to provide recreational salmon fishing opportunity, and deflect fishing effort from small wild stocks that may have already been impacted by human activities, several selected Knik and Turnagain Arm streams; Ship, Bird, and Campbell Creeks, have been stocked with hatchery fish. The stock origin for these releases is Ship Creek (Little Susitna River)—Little Susitna River is the original donor stock for coho salmon currently returning to Ship Creek. A total effort (all species) of nearly 25,724, angler-days was expended in these three creeks (Alaska Sport Fishing Survey Database). The 2018 sport-angler catch and harvest in Ship, Bird, and Campbell creeks was 11,182 coho salmon caught of which an estimated 9,159 were harvested. The most recent 5-year average of catch from these three streams is with a harvest of 6,246 (Alaska Sport Fishing Survey Database).

According to 2018 SWHS estimates, Eklutna Tailrace supported over 13,400 angler days of fishing effort (Jennings, et al. *In prep*). Beginning in 1997, Cook Inlet Aquaculture Association entered into a cooperative agreement with ADF&G/SF to increase the stocking level of coho salmon in the Eklutna Tailrace using a local coho salmon broodstock (Jim Creek) with more favorable run timing. Following the suspension of CIAA operations at Eklutna Tailrace, the stock origin for the Eklutna Tail race changed to Ship Creek (Little Susitna River). ADF&G/SF continues to annually stock 150,000 coho salmon smolt into Eklutna Tailrace

Objectives

Bird Creek

1. Produce a return of 5,000 adult coho salmon to Bird Creek.
2. Generate 10,000 angler-days of annual sport fishing opportunity directed at stocked early-run coho salmon in Bird Creek.

Campbell Creek:

1. Produce a return of 3,500 adult coho salmon to Campbell Creek while maintaining the historic level of natural coho salmon spawning.
2. Generate 5,000 angler-days of annual sport fishing opportunity directed at stocked coho salmon in Campbell Creek.

Ship Creek:

1. Produce a return of 12,000 adult coho salmon to Ship Creek while assuring about 1,000 coho salmon are available at Ship Creek for natural spawning, fish viewing, and egg-take needs.
2. Generate at least 35,000 angler-days of annual sport fishing opportunity directed at stocked Chinook and coho salmon in Ship Creek.

II-9. Northern Cook Inlet Urban Coho Salmon Enhancement (continued)

Eklutna Tailrace:

1. Produce a return of 7,500 adult coho salmon to Eklutna Tailrace.
2. Generate 6,000 angler-days of annual sport fishing opportunity directed at stocked coho salmon in Eklutna Tailrace.

Actions

1. Stock 125,000 thermally marked coho salmon smolt annually in Bird Creek.
2. Stock 50,000 thermally marked coho salmon smolt annually) in Campbell Creek.
3. Stock 240,000 thermally marked coho salmon smolt annually in Ship Creek.
4. Stock 150,000 thermally marked coho salmon smolt annually in Eklutna Tailrace.

Evaluations

Bird, Campbell, and Ship creeks:

1. Total Sport fishing effort and harvest will be estimated through the SWHS.
2. Ground surveys will provide an index of natural spawning abundance during peak spawning (September 15 - October 15).
3. Ground surveys of coho salmon returning to Ship creek will be conducted weekly, starting the second week of August, to ensure that brood stock needs are met.

Eklutna Tailrace:

1. Sport fishing effort and harvest will be determined through the SWHS.

II-10. Kachemak Bay Area Coho Salmon Enhancement

The primary purpose of the program is to provide increased coho salmon sport fishing opportunities in Kachemak Bay. Kachemak Bay drainages produce pink and chum salmon as well as small runs of wild coho salmon. Fox River is thought to produce the largest wild coho salmon runs but is heavily silted and difficult to fish. To support increasing angler participation and stabilize numbers of coho salmon available for harvest, hatchery-reared coho salmon smolt have been released at the Nick Dudiak Fishing Lagoon (NDFL) on the Homer Spit since 1988.

The annual objective of coho salmon smolt produced from ADG&G hatcheries for NDFL stockings has historically been 120,000. From 1988 to 2000 an average of 129,410 late-run coho salmon were stocked. From 2001 to 2013 on average, 104,798 early-run and 85,941 late-run coho salmon were stocked. In 2014, stocking of late-run coho salmon was discontinued because ADF&G's genetic guidelines no longer approved stocking of fish originating from outside Cook Inlet. Since there is currently no replacement late-run brood source only early-run coho salmon have been stocked. In 2014, the stocking goal was not achieved, but has been achieved since 2015 with early-run coho salmon. Additional rearing space became available in the WJHSFH in 2017, as a result of a brood stock shortfall of Bear Lake brood. This allowed for additional production of early-run coho salmon and as a result, in 2018 stocking level was increased to 236,604 early-run coho salmon.

The annual shore based harvest resulting from early and late-run stockings averaged 6,996 from 2002 to 2013 coho salmon, which ranged from the 2004 peak harvest of 21,009 coho salmon to a series of years from 2011-2013 with the lowest harvest (192, 58 and 233 coho salmon respectively). The recent years of low harvest is attributed to poor survival of stocked fish attributed to multiple factors which include the following: 1) below average size of smolt stocked that resulted from loss of heated water at the State hatchery, 2) mortality during salt water rearing during *Chaetoceros* spp., blooms (a diatom that possesses long sharp spines that can lacerate the gill filaments of fish), 3) poor rearing habitat within the NDFL and 4) the overall downward trend in marine survival of wild and hatchery-reared Cook Inlet coho salmon stocks. In the recent four years (2014-2018) coho salmon harvest on the Homer Spit has averaged roughly 2,500 fish and ranged from 1,313 in 2017 to 9,418 in 2014.

Beginning 2013, the below average size was rectified when coho salmon production shifted to the WJHSFH, improved salt water rearing methods were developed to reduce *Chaetoceros* spp exposure, and when rearing habitat improved after the City of Homer dredged 32,500 cubic yards of gravel, sand and organic material from the NDFL to create its original depth profile, which improved flushing and the rearing area within the lagoon.

Objectives

1. Produce a sport harvest of 2,500 adult coho salmon to the NDFL.
2. Generate 15,000 angler-days of annual sport fishing opportunity directed at stocked salmon (including Chinook salmon) at the NDFL.

Actions

1. Annually stock 120,000 thermally marked early-run coho salmon smolt at the Nick Dudiak Fishing Lagoon on the Homer Spit.

Evaluations

1. Sport fishing effort and harvest will be estimated through the SWHS.

II-11. Kodiak Area Road System Anadromous Coho Salmon Enhancement

The primary purpose of this program is to improve coho salmon sport fishing opportunities along the Kodiak road system. Drainages along the Kodiak road system produce wild coho, sockeye, pink, and chum salmon, Dolly Varden char, rainbow trout and steelhead. Natural coho salmon production largely comes from five drainages and is inconsistent due to stream flooding and variable survival rates during freshwater rearing. To support increasing angler participation and sustain coho salmon harvests, hatchery-produced anadromous coho salmon have been periodically stocked in several Kodiak Island locations as needed to offset annual shortfalls in hatchery Chinook salmon production. The brood source for this enhancement project has historically come from the Buskin River drainage, but coho are now primarily taken for broodstock from Pillar Creek.

In 2004 Sport Fish Division (SFD) entered a cooperative agreement with the Kodiak Regional Aquaculture Association (KRAA) to provide Chinook salmon, coho salmon and rainbow trout aquaculture services. Under terms of the agreement, SFD compensates KRAA to spawn and rear coho smolt for stocking.

To substitute for shortfalls in Chinook salmon smolt production, during years when Chinook salmon shortfalls occur, the number of coho salmon released may increase to levels indicated in items 1-2 under Actions.

Objectives

1. Produce a return of up to 5,000 adult coho salmon to Kodiak road system streams.
2. Generate 1,500 angler-days of annual sport fishing opportunity directed at stocked coho salmon along the Kodiak road system.

Actions

1. Stock up to 100,000 coho salmon smolt (15 grams) in Monashka Creek as needed to offset low Chinook salmon production.
2. Stock up to 100,000 coho salmon smolt (15 grams) in Pillar Creek as needed to offset low Chinook salmon production.
3. Stock up to 30,000 coho salmon smolt (15 grams) in Island Lake if stocking goals are met at Pillar and Monashka creeks
4. Stock up to 20,000 coho salmon smolt (15 grams) in Mission Lake if stocking goals are met at Pillar and Monashka creeks.

Evaluations

1. Sport fishing effort and harvest will be estimated through the Statewide Harvest Survey.

II-12. Resurrection Bay Coho Salmon Enhancement

The purpose of this program is to stabilize or increase coho salmon sport fishing opportunities in Resurrection Bay while maintaining the natural production of Resurrection Bay drainages.

Resurrection Bay drainages produce large numbers of coho salmon and support one of the largest saltwater coho salmon sport fisheries in the state. However, natural production varies on an annual basis due to highly variable stream flows and water temperature fluctuations in this coastal region. Hatchery supplementation of natural production in Resurrection Bay is necessary to meet the demands of this sport fishery. Through a cooperative agreement with ADF&G, Cook Inlet Aquaculture Association (CIAA) releases fry and smolt into Bear Lake and Bear Creek and operates the weir on Bear Creek.

The objectives, actions, and evaluations listed below refer only to production by state-operated hatcheries. In 2018, according to SWHS estimates, sport anglers from shore and boat participating in Seward's Resurrection Bay coho salmon fisheries caught 33,774 coho salmon of which approximately 86.7 percent were harvested (Alaska Sport Fishing Survey Database). Several recent 100 year flood events have transformed the Lowell Creek stocking area into an unusable imprinting location. All smolt are currently stocked into the Seward Lagoon, but the City of Seward has plans to renovate the Lowell Creek area and stocking here is still an option if conditions improve..

Objectives

1. Produce a return of 20,000 adult hatchery-produced coho salmon to Resurrection Bay.
2. Generate 25,000 angler-days of annual sport fishing opportunity directed at stocked coho salmon in Resurrection Bay.

Actions

1. Stock 240,000 thermally marked coho salmon smolt annually in Resurrection Bay. All fish will be stocked at the Seward Lagoon.

Evaluations

1. Total sport fishing effort and harvest will be estimated through the SWHS.
2. The weir on Bear Creek will be used to enumerate adult coho salmon escapement and to collect eggs for future fry and smolt releases.

II-13. Anchorage Area Non-anadromous Stocking Program

The Anchorage area non-anadromous stocking program has increased sport fishing opportunities for the general public. This increase in opportunity led to the development of educational fishing classes and annual ice-fishing events. The area is large and diverse, and therefore is divided into smaller sub-units for stocking. The following have separate management plans within the Anchorage area: Anchorage Bowl, Chugiak/Eagle River, Joint Bases Elmendorf – Richardson (JBER), and Turnagain Arm.

Few Anchorage area lakes supported resident fish populations of recreational interest before the initiation of stocking efforts. Most lakes are landlocked, and the threespine stickleback (*Gasterosteus aculeatus*) was the only species present. In the 1960s, the department began a rainbow trout stocking program to increase sport-fishing opportunities within the Anchorage area. These opportunities range from strictly “put-and-take” fisheries in neighborhood lakes to diverse wilderness experiences in outlying areas.

The most popular area lakes are Jewel, Cheney, and Campbell Point lakes in Anchorage; Mirror and Beach lakes in Chugiak/Eagle River; Hillberg, Green, Clunie, and Waldon lakes on JBER. In 2018, in these lakes rainbow trout (43,059) were the primary species caught followed by landlocked salmon (4,492), Dolly Varden/Arctic char (1,325), and Grayling (701). Although most fish stocked in the Anchorage area lakes are of catchable size, on average, regardless of species, anglers release over 80% of their catch from stocked lakes.

A creel survey to evaluate the stocking program was conducted during 1986 on four Anchorage area lakes. Results of this survey indicated that youth and adult males were the primary recreational fishers. Data indicated that catch rates remained high for 2 to 6 weeks after stocking then dropped to below one fish per angler-hour. Initial releases occur after ice-out and are repeated in 4 to 6 weeks. Multiple stocking of high-use lakes increases fishing success throughout the open water season.

A public handout describing Anchorage area sport fishing opportunities is updated annually. It provides basic information on the waters and species stocked and a general location description of area lakes. An Anchorage Area Stocked pamphlet called “Fishing in the Anchorage Bowl” has recently been updated (2016) and contains the specific location of each area lake, access site(s), available facilities and species, and bathymetric maps for most area lakes. Access to a new database containing stocked lake information (lake photos, sampling history, stocking history and fishing history) is available to the public from ADF&G’s website.

Invasive fish

In 2002, ADF&G developed the Alaska Aquatic Nuisance Species Management Plan to address the threat invasive species pose to the aquatic ecosystems of the state. The Anchorage area landlocked lakes stocking program is re-evaluated annually based on the presence of invasive northern pike populations. Invasive species such as pike are beginning to have serious ecological impacts on native Alaskan fish as well as stocked fish.

Stocking strategies are dependent on the availability of pike spawning habitat in a lake and other lake characteristics. Where there is no pike spawning habitat available, the impact to stocked fish will be minimal, and stocking can continue at current levels. As the pike spawning areas increase and the level of impact on stocked fish increases, stocking should decrease or cease. Larger lakes can provide more cover for stocked fish, and selective stocking may still occur.

Northern pike were found in the Anchorage area lakes in the early 1990’s. To date, six lakes in the Anchorage area have (or had) confirmed northern pike populations (Sand, Lower Fire, Cheney, Taku-Campbell, Gwen, and Otter lakes), and two lakes historically had “reported” pike populations that have not yet been confirmed (Mirror and Delong lakes). Pike have also been confirmed in Campbell Lake, an open system. Through netting effort and rotenone eradication projects northern pike currently remain in one Anchorage area lake, Lower Fire Lake. Concurrent pike eradication in stocked lakes is encouraged through liberal sport fish harvest, sampling and selective harvest, or lake rehabilitation.

In 2009 Sand Lake was treated with rotenone and pike were successfully eradicated. At the conclusion of this treatment test nest were deployed and no northern pike were found. To date, no reports of Northern pike have been confirmed in Sand Lake. In 2010 stocking was resumed in Sand Lake.

II-13. Anchorage Area Non-Anadromous Stocking Program (continued)

Lower Fire Lake is a shallow lake with very good natural pike habitat and a deep-water refuge for rainbow trout. From 2012 to 2014 large rainbow trout continued to be stocked in the lake. In 2015, stocking was discontinued. This lake is currently being assessed and determined what further action is required to eradicate northern pike. Efforts to eradicate pike are currently being assessed.

Cheney and Taku-Campbell lakes are both relatively shallow lakes that have shallow northern pike habitat. Netting studies conducted in 2000 and 2001 failed to catch any northern pike in Taku-Campbell Lake, and stocking has continued. During the spring of 2006 northern pike were confirmed in Cheney Lake. Netting was intensive and stocking was reduced until the rotenone project in 2008. In the spring of 2009 test nets confirmed the success of the eradication project and stocking was continued. In 2011, northern pike were reconfirmed into Cheney Lake. Intensive netting was continued through the winter of 2011. In the spring of 2012 with no confirmation of Northern pike in Cheney Lake, stocking with hatchery fish was resumed. In 2016, a northern pike was reported to have been caught in Taku-Campbell Lake. After extensive netting efforts no pike were caught and stocking continued. No further pike reports have been received in the AMA.

Northern pike became established in Joint Base Elemendorf-Richardson (JBER) at Otter Lake. Intensive netting, liberalized bag limits, and reduced stocking of hatchery fish assisted in the reduction of pike in the system. In 2015, ADG&G and JBER staff conducted a rotenone eradication project on Otter Lake for Northern pike. After intense winter netting it was determined that the system was free of Northern pike. In 2016, stocking was continued. Stocking levels in all other lakes with confirmed pike presence will be reduced until the pike populations are eradicated or under control.

Rainbow trout

Rainbow trout have been stocked in 35 AMA lakes since stocking began in the 1960s (ADF&G hatchery records). In 1966, six AMA lakes were stocked for the first time with rainbow trout. From 2016 to 2018, 26 lakes were stocked annually. On average, 88,154 catchable rainbow trout were stocked.

Arctic Char

Local Anchorage lakes are typically shallow and become too warm to keep this cold-water fish active all year. A 2003 study of local lakes revealed lakes summer water temperatures that ranged from 17°C to 22°C. Arctic char become inactive at water temperatures greater than 10°C. Arctic char have been stocked in 6 Anchorage area lakes; Campbell Point, Clunie, Fish, Green, Sand, and Thompson lakes. From 2016 to 2018, 6 lakes were stocked annually. On average, 4,856 Arctic Char were stocked.

Arctic Grayling

Arctic Grayling were stocked in the Anchorage Area until discontinued in 2015. From 2016 to 2018 no stocking of Arctic Grayling occurred in the Anchorage area. Stocking of Arctic Grayling are being restocked in Anchorage Management Area starting in 2019. Arctic Grayling are native to parts of Alaska although there are no close option for Anchorage resident to fish for Arctic Grayling. This provides a unique species for residents to target in Anchorage. Arctic Grayling are stocked in two Anchorage Lakes and one Turnagain arm lake.

II-13.1. Anchorage Bowl Sub-District

The Anchorage Bowl consists of seven lakes and two streams that are stocked annually. Six of seven Anchorage lakes (Campbell Point, Cheney, Delong, Jewel, Sand, and Taku-Campbell lake) regularly appear in the SWHS results. In 2018, these lakes have provided an average of 10,522 angler-days of effort (SWHS data) whereas during the previous 10-years these lakes provided 14,529 angler-days of effort. Two streams, Campbell Creek and Chester Creek, are also stocked with rainbow trout. Arctic char will be stocked into Campbell Point Lake and Sand Lake to provide fishing diversity in the Anchorage bowl. Arctic grayling will also be stocked in Delong and Taku-Campbell lakes.

Objectives

1. Provide at least 15,000 annual angler-days of sport fishing effort.
2. Provide sport fishing diversity through annual or alternate year stocking of catchable sized fish of various species.
3. Provide year-round sport fishing opportunities.
4. Publicize available fishing opportunities.

Actions

1. Stock an average of 75,250 catchable rainbow trout in seven lakes and two creeks.
2. Stock up to 57,600 catchable landlocked Chinook salmon annually in five lakes.
3. Stock an average of 3,000 catchable Arctic char annually in two lakes.
4. Stock an average of 3,000 Arctic Grayling annually.

Task

1. Test net Anchorage bowl lakes for northern pike on an opportunistic basis.
2. Investigate feasibility of stocking new lakes.
3. Publicize stocked lakes that do not generate SWHS estimates.
4. Maintain directional signage to lake access points.

Evaluations

1. Sport fishing effort, catch, and harvest will be estimated through the SWHS.

Table II-13.1a. Stocking actions for Anchorage Bowl lakes.

Lake	Lake Size (Acres)	Lake Category	Species	Stocking Schedule
Campbell Point	9	1	Rainbow, Chinook, Char	Annual, Annual, Annual
Cheney	26	3	Rainbow (3N), Chinook (3N)	Annual, Annual
Delong	20	1	Rainbow, Chinook, Arctic Grayling	Annual, Annual, Annual
Jewel	26	1	Rainbow, Chinook	Annual, Annual
Lake Otis	8	1	Rainbow	Annual
Sand	67	3	Rainbow, Char	Annual, Annual
Taku Campbell	16	2	Rainbow(3N),Chinook, Arctic Grayling	Annual, Annual, Annual

Table II-13.1b. Non-anadromous stocking actions for Anchorage Bowl streams.

Stream	Species	Stocking Schedule
Campbell Creek	Rainbow (3N)	Annual
Chester Creek	Rainbow (3N)	Annual

II-13.2. Chugiak/Eagle River Sub-District

The Chugiak/Eagle River management area consists of five stocked (Beach, Lower Fire, Mirror and Symphony Lakes) lakes. Only Beach and Mirror lakes regularly appear in the SWHS since 2012. From (2008–2018), the Chugiak/Eagle River Subdistrict lakes have provided an estimated of 2,137 angler-days of effort. In 2018, these lakes provided 4,654 angler-days of effort which is higher than the 10-year (2008-2018) average of 5,295 angler-days. Edmonds Lake rarely appears in the SWHS, although it provides fishing opportunity to the community of Peters Creek and to the Youth Camp located on its shores. Symphony Lake appears to have a self-sustaining population of Arctic grayling, so stocking that remote lake with Arctic grayling has been suspended. In 2020, stocking of rainbow trout will be conducted and evaluated in Symphony Lake. Stocking was reduced at Lower Fire Lake because of the presence of Northern pike.

Objectives

1. Provide at least 7,500 annual angler-days of sport fishing effort.
2. Provide sport-angling diversity through annual or alternate year stocking of catchable sized fish of various species.
3. Provide year-round sport fishing opportunities.
4. Publicize available fishing opportunities.

Actions

1. Stock 22,000 catchable rainbow trout in two lakes.
2. Stock up to 10,900 catchable landlocked Chinook salmon annually.

Task

1. Investigate feasibility of stocking new lakes.
2. Publicize stocked lakes that do not generate SWHS estimates.
3. Maintain directional signage to lake access points.
4. Examine lakes for presence of northern pike.

Evaluations

1. Sport fishing effort, catch, and harvest will be estimated through SWHS.

Table II-13.2a. Stocking actions for Chugiak/Eagle River lakes.

Lake	Lake Size (Acres)	Lake Category	Species	Stocking Schedule
Beach	89	3	Rainbow, Chinook, Grayling	Annual, Annual, Annual
Edmonds	51	3	Rainbow	Annual
Lower Fire	57	3	Rainbow	Annual (reduced levels)
Mirror	62	3	Rainbow, Chinook	Annual, Annual
Symphony	36	1	Grayling, Rainbow	Discontinued in 2003, every other year.

II-13.3. Joint Bases Elmendorf-Richardson (JBER) Sub-District

Ten lakes on Joint Bases Elmendorf-Richardson (JBER) are stocked with rainbow trout; three of these lakes are also stocked with landlocked Chinook salmon, and one with Arctic char. After September 2001, access to JBER lands and lakes is occasionally restricted to only active duty, retired military, reserves, their dependents, and Department of Defense civilian employees. Anglers from the general public may fish only if sponsored and accompanied by an authorized individual when restricted, or by obtaining a base fishing pass, and using the U.S. Army Recreational Tracking System (USARTRAK) when not restricted. Prior to the access restrictions, these lakes were some of the most intensively fished in the Anchorage area. Each stocked fish was caught more than twice when lake access was available to the general public. Six lakes appear regularly in the SWHS: Clunie, Green, Gwen, Hillberg, Otter, and Upper Sixmile lakes. Even though the general public now faces occasional access restrictions, ADF&G will continue to stock JBER lakes because the hatchery is located on military property. Due to low response rate on the SWHS the objectives below are strived for or anticipated if enough responses on the SWHS were available. ADF&G is working with JBER staff to see if Isportsman information collected from anglers can be used to help develop JBER specific goals. JBER base personnel, in cooperation with ADF&G, treated Otter Lake with rotenone in the fall of 2015, stocking this lake resumed in 2016. Otter Lake was not stocked in 2018 while the outflow dam was removed and under construction but was resumed in 2019.

Objectives

1. Provide a minimum of 9,500 annual angler-days of sport fishing.
2. Provide sport fishing diversity through annual or alternate year stocking of catchable sized fish of various species.
3. Provide year-round sport fishing opportunities.
4. Publicize available fishing opportunities.

Actions

1. Stock 28,000 catchable rainbow trout in nine lakes.
2. Stock up to 5,000 catchable landlocked Chinook salmon annually in three lakes.
3. Stock 2,000 catchable Arctic char into one lake.

Task

1. Work with JBER personnel to ensure stocking goals meet the needs of the base.
2. Publicize stocked lakes that do not generate SWHS estimates.
3. Maintain directional signage to lake access points.
4. Test net lakes for presence of northern pike.

Evaluations

Sport fishing effort, catch, and harvest will be estimated through SWHS.

Table II-13.3a. Stocking actions for JBER lakes.

Lake	Lake Size (Acres)	Lake Category	Species	Stocking Schedule
Clunie	106	1	Rainbow, Chinook, Char	Annual, Annual, Annual
Fish	5	1	Rainbow	Annual
Green	18	1	Rainbow, Chinook	Annual, annual
Gwen	12	1	Rainbow	Annual
Hillberg	15	1	Rainbow, Chinook	Annual, annual
Otter	84	3	Rainbow	Annual
Spring	10	1	Rainbow	Annual
Triangle	5	1	Rainbow	Annual
Upper Sixmile	11	4	Rainbow	Annual
Waldon	38	1	Rainbow	Annual

II-13.4. Turnagain Arm Sub-District

Turnagain Arm has four small lakes that are not consistently reported in the SWHS, but provide additional fishing opportunity. Three lakes are located in the Portage area and provide campers and tourists in the Portage Valley with easy access to fishing. Alder Pond provides access for disabled anglers. Many Portage Valley streams are either closed to fishing or are glacial and turbid. These stocked lakes provide angling opportunities otherwise lacking for tourists in Forest Service campgrounds, or for anglers seeking diversity in fishing locations. Airstrip/Willow Pond is also the site of an annual Forest Service Kids fishing day held in early June each year. This is a popular fishing event for local Turnagain Arm residents, and typically about 150 kids and family members participate. Rabbit Lake is located near Anchorage and is accessed at McHugh Creek Park along Turnagain Arm. Access to Rabbit Lake is by trail and provides more diversity for Anchorage area anglers who cannot afford to travel far from town but like a backcountry fishing experience.

Objectives

1. Provide a minimum of 500 annual angler-days of sport fishing.
2. Provide sport fishing diversity through annual or alternate year stocking of catchable-sized fish of various species.
3. Provide year-round sport fishing opportunities.
4. Publicize available fishing opportunities.

Actions

1. Stock approximately 4,400 rainbow trout in three Turnagain Arm lakes

Task

1. Investigate feasibility of stocking new lakes.
2. Publicize stocked lakes that do not generate SWHS estimates.
3. Maintain directional signage to lake access points.

Evaluations

1. Sport fishing effort, catch, and harvest will be estimated through SWHS.

Table II-13.5a. Stocking actions for Turnagain Arm lakes.

Lake	Lake Size (Acres)	Lake Category	Species	Stocking Schedule
Airstrip/Willow Pond	17	2	Rainbow	Annual
Alder Pond	6	2	Rainbow, Grayling	Annual, Annual
Rabbit	75	3	Rainbow	Every odd year
Tangle Pond	8	2	Rainbow	Annual

II-14. Kenai Peninsula Stocked Lakes Management Plan

Season and bag limits for resident native species on the Kenai Peninsula have become increasingly restrictive over several decades due to high fishing pressure directed at various native stocks. The lake-stocking program on the Northern Kenai Peninsula is designed to provide additional public sport fishing and harvest opportunities that cannot be supported by native stocks of fish. Lakes selected for stocking are located in close proximity to communities, rural subdivisions, or popular recreation areas. Most lakes can be reached by highway vehicle, although a few are remote and accessible by short hiking trails. Stocked lakes provide opportunity for both open water and winter ice fishing.

A total of 28 lakes were stocked through 2012. From 2013 to 2017, 24 lakes were stocked. Jerome Lake stocking was discontinued in 2012 due to an ailing gabion barrier. This gabion barrier was removed in 2015 to open existing habitat up to native fish species. In 2013, stocking was discontinued in Aurora, Cecille, and Quintin lakes due to low or non-existent levels of angler participation reported by the Statewide Harvest Survey (SWHS). Beginning in 2018, stocking was reinstated for Aurora Lake bringing the area total to 25 stocked lakes.

Rainbow trout, the most popular species, are currently stocked in 24 lakes on the Kenai Peninsula and will be stocked in 2020. Five of these lakes are stocked on alternating years and the rest are stocked annually. Johnson Lake, located adjacent to a popular state park, has failed to overwinter stocked fish during extremely cold winters, subsequently it is stocked annually with catchable rainbow trout⁵. Sport Lake was also stocked with rainbow trout catchables beginning in 2019⁶. If additional rainbow trout fingerling become available for the Northern Kenai Peninsula Management Area, these fish will be stocked into Island, Longmere, Scout and Sport lakes.

Coho salmon fingerling are stocked in Arc, Elephant (Spirit), Longmere, and Centennial Lakes⁷. Arctic char failed to survive warm water temperatures at Island Lake one out of sixteen summers. If summer kill is reported and verified for a second time, efforts will be made to relocate those fish to Wik Lake. In 2016, Arctic char were stocked into Elephant (Spirit) Lake to diversify fishing opportunities in the Soldotna area and will continue to be stocked in 2020 and beyond. If Arctic char fingerling become available for stocking, Carter, Vagt, Troop and Upper Summit lakes will be stocked with these fish. Chinook salmon catchables are stocked in Sport Lake to diversify and increase catch rates for the annual “Salmon in the Classroom” ice fishing events for Kenai Peninsula Borough School District (KPBSD) elementary school students⁷.

Stocking was discontinued in Arc and Scout Lakes due to the illegal introduction of Northern pike. Arc Lake was successfully treated with rotenone in 2008 and restocked with coho salmon fingerling starting in 2009 and Arctic grayling fingerling in 2010. Arctic grayling catchables were available in 2013; subsequently catchables were substituted for fingerling at Arc Lake. Scout Lake was treated with rotenone in 2009 and restocked with rainbow trout and Arctic grayling fingerling beginning in 2010. Tirmore Lake was stocked with Arctic grayling catchables in 2013 and 2014. Arctic grayling stocking was discontinued in 2015 due to budgetary restrictions impacting production at William Jack Hernandez Sport Fish Hatchery. Beginning in 2018, Arctic grayling fingerling stocking resumed in area lakes and catchable stocking was reinstated in 2019. Invasive northern pike were also found in Loon Lake the summer of 2017. Loon Lake was successfully treated with rotenone in the fall of 2017 and was restocked in 2018 with rainbow trout fingerling as well as catchables, and will continue to be stocked with rainbow trout fingerling in 2020 and beyond.

⁵ Surplus rainbow trout broodstock from WJHSFH will be stocked if available. Johnson Lake was previously stocked with 10,500 (prior to 2016) rainbow trout catchables. Since then, Johnson Lake has been stocked with 8,260 rainbow trout catchables and beginning in 2019, will be stocked with 9,760 rainbow trout catchables.

⁶ Sport Lake is stocked with surplus rainbow trout catchables from the Kenai Peninsula Sport, Rec and Trade Show youth fishing activity and beginning in 2019 will be stocked with an additional 2,000 rainbow trout catchables for the “Salmon in the Classroom” ice fishing events.

⁷ Sport Lake was stocked with coho salmon in 2010, 2011 and 2019 because Chinook salmon catchables were not available for stocking. Arc, Centennial, Chugach Estates and Longmere Lakes are also stocked with a small number of coho salmon fry from Kenai Peninsula Borough School District elementary schools participating in the “Salmon in the Classroom” program.

II-14. Kenai Peninsula Stocked Lakes Management Plan (continued)

Reported annual harvest for all species and effort over the last ten years has averaged 4,430 fish and 8,201 angler-days. During this period, combined effort for all species ranged from 3,707 in 2009 to 12,548 days in 2017. Harvest and effort was estimated by the SWHS during this period. Source: Alaska Sport Fishing Survey Database [Internet]. 1996 - present. Anchorage, AK: Alaska Department of Fish and Game, Division of Sport Fish (cited October 2019). Available from: <http://www.adfg.alaska.gov/sf/sportfishingsurvey/>.

The community of Soldotna hosts the annual Kenai Peninsula Sport, Recreation & Trade Show. The Show occurs in the spring and attracts participants interested in sport fishing, hunting and other outdoor pursuits. In cooperation with the Division of Sport Fish, the Show's promoters provide a youth fishing pond. There is no charge for youth to participate. The fishing pond has been well received and the Department provides fisheries educational material to participants, in addition to the opportunity for youth to catch and harvest fish. The Division of Sport Fish provides 700 rainbow trout of catchable size for this activity. Those not harvested at the Kenai Peninsula Sport, Recreation & Trade Show are stocked into Sport Lake.

Objective

1. Provide sport fishing diversity through annual or alternate year stocking of multiple species in Northern Kenai Peninsula lakes.

Actions (See Table II-14a)

1. Stock approximately 57,220 coho salmon fingerling in four lakes annually and 2,000 catchable coho salmon in Scout Lake in 2020.
2. Stock approximately 152,980 rainbow trout fingerling, 12,460 catchable rainbow trout and 150 rainbow trout surplus brood stock (if available) in 24 lakes either annually or on alternate years (both even and odd years).⁸
3. Stock approximately 10,000 Arctic char catchables and 50 surplus brood stock (if available) in two lakes annually.⁹
4. Stock approximately 4,000 Chinook salmon catchables in Sport Lake annually for the "Salmon in the Classroom" KPBSD elementary school student ice fishing events.
5. Stock approximately 700 catchable rainbow trout annually in a youth fishing pond at the annual Kenai Peninsula Sport, Recreation & Trade Show.
6. Stock approximately 9,760 catchable rainbow trout in Johnson Lake for KPBSD "Salmon in the Classroom" elementary school student ice fishing event and for students to stock during the "Salmon Celebration".
7. Stock approximately 1,800 Arctic grayling catchables and 9,500 fingerling into three lakes annually.
8. Stock approximately 3,800 lake trout into one lake every four years.

Tasks

1. Investigate adding new stocked lakes.
2. Publicize Kenai area stocked lakes through updated office publications and the Department's website.
3. Maintain directional signage to lake access points and upgrade access to stocked lakes.
4. Inspect and repair barrier structures on Category 3 lakes.
5. Prepare and submit fish transport permits.
6. Provide hatchery support by assisting with fish stocking.

⁸ If available, additional rainbow trout fingerling will be stocked into Longmere, Scout, Sport and Island lakes. ⁹ If available, Arctic char fingerling will be stocked into Carter, Vagt, Troop and Upper Summit lakes.

II-14. Kenai Peninsula Stocked Lakes Management Plan (continued)

Evaluations

1. Sport fishing effort and harvest will be estimated through the SWHS.
2. Collect harvest data from the Kenai Peninsula Borough School District annual ice-fishing event.

II-14. Kenai Peninsula Stocked Lakes Management Plan (continued)

Table II-14a. Actions for Northern Kenai Peninsula stocked lakes.

Lake	Lake Size (Acres)	Lake Category	Nearest Community	Species	Stocking Schedule
Arc	16	1	Soldotna	Coho, Grayling	Annual
Aurora	8	1	Funny River	Rainbow	Annual
Barbara	45	1	Nikiski	Rainbow	Annual
Cabin	57	1	Nikiski	Rainbow	Annual
Carter ^a	48	3	Moose Pass	Rainbow, Char	Even
Cecille ^b	10	1	Nikiski	Rainbow	NA
Centennial	25	1	Kasilof	Coho, Rainbow	Annual
Chugach Estates	18	1	Nikiski	Rainbow	Annual
Douglas	90	1	Nikiski	Rainbow	Annual
Elephant (Spirit)	340	1	Soldotna	Coho, Rainbow, Char	Annual
Encelewski	101	1	Kasilof	Rainbow	Annual
Island ^c	268	1	Nikiski	Rainbow, Char	Annual
Jerome ^b	16	3	Moose Pass	Rainbow	NA
Johnson	85	1	Kasilof	Rainbow	Annual
Long	15	3	Seward	Rainbow	Odd years
Longmere ^c	172	1	Soldotna	Coho, Rainbow	Annual
Loon	18	1	Soldotna	Rainbow	Annual
Meridian	15	3	Seward	Rainbow	Odd years
Quintin ^b	15	1	Kasilof	Rainbow	NA
Rainbow	15	3	Cooper Landing	Rainbow	Even years
Roque	5	1	Kasilof	Rainbow	Annual
Scout ^c	95	1	Sterling	Rainbow, Grayling	Annual
Sport ^c	72	1	Soldotna	Chinook, Rainbow	Annual
Thetis	45	1	Nikiski	Rainbow	Annual
Tirmore	52	1	Nikiski	Rainbow, Grayling	Annual
Troop ^a	27	3	Seward	Rainbow, Char	Odd years
Upper Summit ^{a,d}	258	3	Moose Pass	Rainbow, Char, Lake Trout	Annual, Every 4 years
Vagt ^a	43	3	Moose Pass	Rainbow, Char	Annual
Wik ^c	165	1	Nikiski	Char	Annual

^a Scheduled to be stocked with Arctic char fingerling if they become available.

^b Stocking discontinued.

^c Scheduled to be stocked with additional rainbow trout fingerling if they become available.

^d Upper Summit is scheduled to be stocked with 3,800 lake trout beginning in 2020 and is scheduled to be stocked on a four-year rotation.

^e If the public access issue is resolved at Wik Lake, Arctic char will be stocked there instead of Island Lake.

II-15. Kodiak Road System Non-Anadromous Enhancement Program

The non-anadromous stocking program in the Kodiak area is intended to provide additional and diverse fishing opportunities. Sixteen landlocked lakes on the Kodiak road system are identified for stocking in 2020; rainbow trout are stocked in all 16. All of these lakes are accessible by road, trail, or small boat.

In order to minimize the possibility that stocked fish could emigrate from the lakes and affect native populations, 14 lakes selected for stocking are identified as Category 1 and 2, while only two lakes are identified as Category 3. To further maintain the genetic integrity of native stocks in the event that stocked fish may escape, only sterile, all-female rainbow trout are stocked.

Fishing effort generated by the stocked lake project has annually averaged 1,500 angler-days, with an estimated annual catch of 1,250 rainbow trout. In an effort to inform anglers of the opportunities available, maps of lake locations are produced by the department and signs have been posted at public access points.

The cost of this project has been minimized as a result of the relatively low effort and catch. The SWHS will be used to estimate future angler interest. Population monitoring through test fishing or other methods will be used when time and resources are available.

Objectives

1. Ensure enhancement efforts do not affect native populations.
2. Provide at least 1,000 angler-days of sport fishing effort.
3. Provide sport fishing diversity by stocking resident species.
4. Publicize the fishing opportunities available to anglers.
5. Improve public access where needed.

Actions (See Table II-15a)

1. Stock 71,700 rainbow trout fingerlings in 17 lakes annually.

Evaluation

1. Sport fishing effort, catch, and harvest will be estimated through SWHS.

II-15. Kodiak Road System Non-Anadromous Enhancement Program (continued)

Table II-15a. Stocking actions for Kodiak road system non-anadromous enhancement program.

Lake	Lake Category	<i>Species</i>	Stocking Schedule
Abercrombie	2	Rainbow,	Annual,
Aurel	2	Rainbow	Annual
Big	2	Rainbow	Annual
Bull	1	Rainbow	Annual
Caroline	2	Rainbow	Annual
Cicely	2	Rainbow	Annual
Dark	3	Rainbow	Annual
Dragon Fly	2	Rainbow	Annual
Heitman	2	Rainbow	Annual
Horseshoe	2	Rainbow	Annual
Island	3	Rainbow	Annual
Lee	2	Rainbow	Annual
Lilly	2	Rainbow	Annual
Long	1	Rainbow	Annual
Tanignak	1	Rainbow	Annual
Twin	1	Rainbow	Annual

II-16. Finger Lake Management Plan

Finger Lake is the largest stocked lake in the Matanuska-Susitna Valley. This lake has been stocked annually since 1953, and it provides excellent road-accessible fishing opportunities for Valley and Anchorage residents. Angling opportunities have increased substantially, providing over 8,000 angler-days of sport fishing effort annually. Easy access makes this lake highly attractive to campers and day-use anglers alike. Finger Lake is located between the two major Valley population centers of Palmer and Wasilla. A State Recreation Area (SRA) is located adjacent to the northeast shore of the lake and provides excellent overnight camping and boat-launch facilities. Stocking a variety of sizes and species of sport fish provides a diversity of year-round fishing opportunities to attract local anglers as well as anglers from other communities.

Angler effort absorbed by stocked lakes is most likely diverted from NCI wild stocks vulnerable to over fishing. Restrictive bag limits have been implemented to protect resident species on many NCI streams. As fishing pressures have increased on resident stocks, increased reliance on hatchery fish has become an effective management option for meeting the demand for recreational fishing opportunities in the Valley.

Finger Lake has provided excellent year-round sport fishing opportunities since pre-statehood days because of the stocking effort. ADFG studies indicate that about 60% of the annual fishing effort occurs during the open-water period and 40% during the ice-covered period. In 2018, 834 landlocked salmon, 434 rainbow trout, and 57 Arctic char were caught in Finger Lake. In 2018, Finger Lake had the second highest catch and harvest rates of all the stocked lakes. Effort, as estimated from the SWHS, averaged about 3,734 days fished. Anglers less than 16 years of age that are not accompanied by licensed anglers are not included in the SWHS estimate. The actual sport fishing effort may be much higher than SWHS estimates.

Objectives

1. Provide 7,500 angler-days of sport fishing effort.
2. Provide a diversity of sport fishing opportunities by annually stocking a variety of species of fish.
3. Provide for year-round fishing opportunities.

Actions

1. Stock 500-700 catchable Arctic char annually.
2. Stock 30,000 catchable Chinook salmon annually during late fall in 2020 - 2024.
3. Stock 28,000 fingerling rainbow trout annually.
4. Stock 3,000 Grayling annually.

Evaluations

1. Sport fishing effort, catch, and harvest will be estimated through the SWHS.

II-17. Matanuska Lakes Complex Management Plan

The Matanuska Lakes Complex comprises eight lakes ranging from 7 to 74 surface acres and is located adjacent to the Glenn Highway between the two major Matanuska-Susitna Valley population centers of Palmer and Wasilla. This system is stocked with a variety of fish species to provide a diversity of fishing opportunities and experiences. Matanuska Lakes Complex has excellent public access with both private and state campground facilities available. All lakes are managed for optimum harvest except Long Lake, which is managed strictly for catch-and-release fishing. Since initiation of the stocking program, this system has become one of the most intensively fished lake system in the Matanuska-Susitna Valley, providing year-round fishing opportunities and historically receiving more than 8,000 days of sport fishing effort annually.

The stocking program provides alternative opportunities for anglers that might otherwise direct their efforts toward native fish that are vulnerable to over-fishing. Increasing sport fishing pressure and over-harvest of several native fish stocks during the early and mid-1990s resulted in more restrictive regulations in several NCI fisheries. As sport fishing pressure continues to increase in the Matanuska-Susitna Valley, hatchery fish are becoming a more important management tool to satisfy recreational demands. In an effort to increase diversity in stocking products, Matanuska Lake will receive sub-catchable Lake trout for the first time in 2020.

The Matanuska Lakes Complex is a high-use system in terms of angler use and is generally stocked with catchable-sized fish at higher than normal densities. The average level of fishing effort for the Matanuska Lakes Complex was about 5,100 angler-days for 2018. This may be an underestimate. Anglers under 16 years of age are not included in the SWHS unless accompanied by a licensed adult angler. The Matanuska Lakes Complex is a popular fishing destination for families. An estimated 1,585 rainbow trout were caught from this complex in 2018.

Objectives

1. Provide 8,000 angler-days of sport fishing effort as measured by the SWHS.
2. Provide a diversity of sport fishing opportunities by annually stocking several species of fish.
3. Provide for year-round fishing opportunities.

Actions (See Table 18a)

1. Stock 2,100 sub-catchable Lake trout in 2020.
2. Stock 20,300 catchable rainbow trout in 2020-2024.
3. Stock 4,400-7,400 fingerling rainbow trout annually.
4. Stock 5,900 fingerling landlocked coho salmon annually.
5. Stock up to 2,800 catchable landlocked Chinook salmon annually 2020-2024.
6. Stock up to 2,800 catchable landlocked coho salmon in 2019.

Evaluations

1. Sport fishing harvest, catch, and effort will be estimated through the SWHS.

Table II-18a. Sport fish stocking actions for the Matanuska Lakes Complex in Mat-Su Valley.

Lake	Lake Size (Acres)	Lake Category	Species	Stocking Schedule
Canoe	21	1	Rainbow, Grayling	Annual, Annual
Irene	18	1	Rainbow, Char	Annual, Alternate
Klaire	7	1	Coho	Annual
Kepler/Bradley	58	1	Rainbow, Grayling	Annual, Grayling
Long	74	1	Rainbow	Annual
Matanuska	62	1	Chinook, Rainbow, Lake trout	Annual, Annual, Annual
Victor	14	1	Coho	Annual

18. Matanuska-Susitna Valley Small Lakes Management Plan

The small lakes stocking program was initiated in 1953 to increase fishing opportunities by providing a diversity of sport fish species and fishing experiences available to anglers. This program has grown and now provides year-round fishing opportunities in waters where little or no fishing opportunities previously existed. Eighty Matanuska-Susitna Valley lakes ranging from 9 to 362 surface acres are stocked annually with Arctic char, landlocked coho and Chinook salmon, and rainbow trout. These lakes range from urban lakes and ponds to remote lakes and ponds that are only accessible by trail or aircraft.

The stocking program provides alternative opportunities for anglers that might otherwise direct their efforts toward native fish that are vulnerable to over-fishing. Increasing sport fishing pressure and over-harvest of several native fish stocks during the early- and mid-1990s resulted in restrictive regulations in several NCI fisheries. As sport fishing pressure continues to increase in the Matanuska-Susitna Valley, hatchery fish are becoming a more important management tool to satisfy recreational demands. The annual average level of fishing effort for these lakes was about 24,300 angler-days for 2018. This may be an underestimate. Anglers under 16 years of age are not included in the SWHS unless accompanied by a licensed adult angler. Many young anglers fish these lakes without the presence of a licensed angler.

Lakes near population centers and road-accessible lakes with good access, parking, camping, and boat launching facilities are emphasized for the stocking program. They have the greatest potential for increasing angler effort. Although many of these lakes are small, they are highly accessible and experience greater fishing pressure than rural and remote lakes. A segment of the public who may have minimal opportunities to travel can enjoy good fishing close to home. These sites are considered high use lakes and are stocked with catchable fish.

Remote or rural lakes are stocked with fingerling or catchable fish at low densities. Catchable fish or fast-growing landlocked coho salmon fingerling are stocked in lakes that are prone to winter kills because of oxygen depletion under the ice. Catchable fish are available from the time of stocking in late-May through January. Coho salmon are available in late-fall through early winter before the winter kill in late January or early February. Remote or rural lakes not prone to winter kills are stocked with fingerling. In order to diversify lake stocking products, Long Lake at mile 86 on the Glenn Highway will be stocked with Lake trout for the first time in 2020.

Since 1995, Wishbone, Long Lake (Matanuska Lakes Complex) and X lakes have been managed for catch-and-release fishing only. Winter fishing has been closed, and gear is restricted to single-hook, unbaited, artificial lures with no allowable harvest. This style of management was created to provide a diversity of fishing experiences. However, as restrictive regulations continue to increase on native stocks, it may no longer be necessary to provide catch-and-release opportunities through our stocked lakes program.

Objectives

1. Provide 40,000 angler-days of sport fishing effort as measured by the SWHS.
2. Provide a diversity of sport fishing opportunities by annual stocking several species of fish.
3. Provide for year-round fishing opportunities.

Actions (See Table 19a)

1. Stock 6,325 Arctic char catchables in 13 lakes on alternate years.
2. Stock 76,500 coho salmon fingerling in 13 lakes annually.
3. Stock approximately 385,000 rainbow trout in 82 lakes annually or in alternate years.
4. Stock 38,000 catchable Chinook salmon in 4 lakes annually.
5. Stock 2,100 subcatchable Lake trout in 1 lake annually.

Evaluations

1. Sport fishing harvest, catch, and effort will be estimated through the SWHS.

II-18. Matanuska-Susitna Valley Small Lakes Management Plan (continued)

Table II-18a. Actions for small lakes in the Matanuska-Susitna Valley stocked with fish. (Page 1 of 2)

Area (Access) Lake	Lake Size (Acres)	Lake Category	Species	Stocking Schedule
Glenn Highway (East of Palmer):				
Bench	34	2	Rainbow	Alternate
Buck (Spider)	10	2	Rainbow	Annual
Coyote	3	2	Rainbow	Annual
Goober	25	2	Rainbow, Grayling	Annual, Annual
Ida	46	1	Rainbow, Grayling	Annual, Annual
Knob	52	2	Rainbow	Annual
Long (Mile 86)	106	1	Rainbow, Lake Trout Grayling, Char	Annual, Annual, Annual, 2022-2024
North Knob	36	2	Rainbow	Annual
Ravine	12	1	Rainbow, Grayling	Annual, Annual
Reed	20	1	Rainbow, Grayling	Annual, Annual
Ruby	24	2	Rainbow	Alternate
Rush	248	1	Char	Alternate
Seventeenmile	100	1	Rainbow, Char	Annual, Alternate
Slipper (Eska)	9	2	Rainbow	Annual
Weiner	21	2	Rainbow	Annual
Wishbone	53	2	Rainbow	Alternate
Palmer:				
Echo	23	1	Rainbow, Coho, Char	Annual, Annual, Alternate
Leech	9	1	Rainbow	Annual
Loberg	11	1	Rainbow, Coho	Annual, Annual
Meirs	17	1	Rainbow, Grayling	Annual, Annual
Walby	54	3	Rainbow	Annual
Wolf	62	3	Rainbow, Coho	Annual
Summit	6	2	Grayling	Annual
Wasilla/Meadow Lakes:				
Beverly	42	2	Rainbow	Annual
Bruce	21	1	Rainbow	Annual
Golden	15	1	Rainbow	Annual
Kalmbach	125	1	Rainbow, Coho	Annual, Annual
Lalen	92	2	Rainbow	Annual
Lucille	362	3	Coho, Rainbow	Annual, Annual
Memory	83	1	Rainbow, Chinook, Char	Annual, Annual, Alternate
Reed	20	1	Rainbow, Grayling	Annual, Annual
Seymour	229	3	Rainbow	Annual
Visnaw	131	2	Rainbow	Annual
Houston:				
Bearpaw	45	1	Rainbow, Coho	Annual, Annual
Loon	108	3	Rainbow	Annual
Morvro	87	3	Rainbow	Alternate
Prator	98	1	Char	Alternate
Zero	33	2	Rainbow	Annual

II-18. Matanuska-Susitna Valley Small Lakes Management Plan (continued)

Table II-18a. Continued. (Page 2 of 2)

Area (Access) Lake	Lake Size (Acres)	Lake Category	Species	Stocking Schedule
Point Mackenzie/Big Lake:				
Barley	19	1	Rainbow, Coho	Annual, Annual
Big Beaver	161	2	Rainbow	Annual
Brockner	42	2	Rainbow	Annual
Carpenter	176	1	Rainbow, Coho, Char	Annual, Annual, Alternate
Dawn	12	3	Rainbow	Annual
Diamond	139	1	Rainbow, Coho	Annual, Annual
Farmer	21	1	Rainbow	Annual
Homestead	17	3	Rainbow	Annual
Knik	50	1	Rainbow, Chinook, Grayling	Annual, Annual, Annual
Little Beaver	44	2	Rainbow	Annual
Lorraine	132	1	Rainbow, Grayling	Annual, Annual
Marion	113	1	Rainbow, Char	Annual, Alternate
Rocky	59	1	Rainbow	Annual
Twin Island	151	2	Rainbow	Annual
West Beaver	103	2	Rainbow	Annual
Willow:				
Caswell #3	33	2	Rainbow	Annual
Florence	55	1	Rainbow, Grayling	Annual, Annual
Honeybee	58	1	Rainbow	Annual
Kashwitna	160	2	Rainbow	Annual
Little Lonely	56	1	Rainbow	Annual
Lynne	70	1	Rainbow, Char	Annual, Alternate
North Rolly	118	2	Rainbow	Annual
Rhein	84	2	Rainbow	Annual
South Rolly	108	3	Rainbow	Annual
Tanaina	109	3	Rainbow	Annual
Vera	111	2	Rainbow	Annual
Willow	143	2	Coho, Rainbow	Annual, Annual
Talkeetna:				
Benka	123	1	Rainbow, Char	Annual, Alternate
Christiansen	179	1	Rainbow, Coho	Annual, Annual
Gate	15	2	Rainbow	Annual
Mile 180	31	2	Rainbow	Annual
North Friend	81	2	Rainbow	Annual
Peggy	48	1	Rainbow	Alternate
South Friend	56	2	Rainbow	Annual
Tigger	16	1	Rainbow	Annual
West Sunshine	22	2	Rainbow	Annual
“X”	101	1	Rainbow	Alternate
“Y”	38	1	Rainbow	Annual

II-19. Prince William Sound Area Lake Stocking Plan

The Prince William Sound lakes stocking program is intended to provide additional freshwater sport angling opportunities and a variety of angling opportunities in and near Valdez. Rainbow trout will be stocked in three lakes (Blueberry Lake, Ruth Pond, and Thompson Lake) annually. Arctic Grayling will be stocked in Thompson Lake annually. Lake trout will be stocked on a 4-year cycle into Blueberry Lake. Blueberry and Thompson lakes are high alpine lakes located in Thompson Pass which is about 30 mile outside of Valdez. Thompson Pass provides year around outdoor activity and is the primary road to access Valdez. . Ruth Pond, located in downtown Valdez, is a popular fishing location for youngsters all summer long. Children riding bicycles, carrying fishing rods across their handlebars, frequently follow the stocking truck the last few blocks to the lake and then help with the stocking procedure. We have reports of anglers ice fishing on the Ruth Pond when weather permits for suitable ice conditions. All lakes were originally barren of wild fish and were chosen to provide a diversity of opportunity where wild stocks are not available. All lakes have public access and are road accessible. Several additional lakes along the Copper River Highway near Cordova have been stocked in the past but have been discontinued due to poor survival or access problems.

As mentioned for the Chinook salmon releases (page II-10), accurate evaluations are not feasible given available information for these fisheries. As such, stated objectives are best estimates of what might be expected from these releases.

Objective

1. Provide 400 angler-days of sport fishing effort on Prince William Sound area lakes.

Actions (See Table II-19a)

1. Stock up to 600 rainbow trout annually in Blueberry Lake near Valdez.
2. Stock up to 1,000 rainbow trout annually in Ruth Pond near Valdez.
3. Stock up to 600 rainbow trout annually in Thompson Lake near Valdez.
4. Stock up to 1,000 Arctic Grayling in Thompson Lake near Valdez.
5. Stock up to 950 subcatchable lake trout every four years in Blueberry Lake.

Evaluation

1. Sport fishing effort, catch, and harvest for Blueberry and Thompson lakes will be determined through the SWHS for the Valdez area. Because Ruth Pond is not listed in the SWHS, evaluation of this fishery is not possible.

Table II-19a. Stocking actions for Prince William Sound.

Lake	Area	Lake Category	Species	Stocking Schedule
Blueberry Lake	Valdez	5	Rainbow	Annual
Blueberry Lake	Valdez	5	Lake Trout	Every four years
Ruth Pond	Valdez	1	Rainbow	Annual
Thompson Lake	Valdez	5	Rainbow	Annual
Thompson Lake	Valdez	5	Arctic Grayling	Annual

II-20. Resurrection Bay Area Non-Anadromous Stocking Program

The primary purpose of this program is to provide additional freshwater opportunity in and near the community of Seward. Few lake angling opportunities exist in or near the city of Seward. Current lake fisheries that are present primarily target Dolly Varden (*Salvelinus malma*). This stocking program increases sport angling opportunity and diversity by stocking rainbow trout and lake trout. First Lake in the city of Seward is stocked with rainbow trout. Troop Lake (Sinkhole Lake) and Lost Lake provide a unique remote experience which require additional effort to access. Troop Lake can only be accessed by foot and Lost lake can be accessed by foot, snow machine or by airplane. Troop Lake is stocked with rainbow trout fingerling every odd year. Lost Lake is a high mountain alpine lake and historically been stocked with rainbow trout and is will be stocked with sub catchable lake trout starting in 2020.

First Lake is stocked at the request of the City of Seward where until 2000 there was no lake fishing available within city limits. This small lake is surrounded by a city park and provides local anglers and children the opportunity to catch rainbow trout in town. Starting in 2005, the Alaska Board of Fish designated a “kids only” weekend of fishing at First Lake. Only anglers 15 years old and younger may fish at First Lake the third Thursday in May through the third Sunday in May each year. The youth only weekend coincides with a “Youth Fishing Day” sponsored by the Seward Fish and Game Advisory Council. This event typically draws 100 local participants. The remainder of the year First Lake is open to the general public. A handout describing Seward and Resurrection Bay sport fishing opportunities is updated annually and available to the public. It provides basic information on the waters and species stocked and a general location description of area lakes.

Accurate evaluations are not feasible given available information for First Lake fisheries. Troop Lake and Lost Lake do not have enough responses in the SWHS survey to provide reliable estimates as such, stated objectives are best estimates of what might be expected from these releases.

Objective

1. Provide sport fishing opportunity through annual of catchable sized rainbow trout.

Action

1. Stock First Lake annually with 1,000 catchable triploid all-female rainbow trout.
2. Stock Troop Lake every odd year with approximately 2,025 fingerling rainbow trout.
3. Stock Lost Lake with approximately 950 sub catchable lake trout every four years.

Evaluation

1. Total sport fishing effort, catch, and harvest for each species will be estimated through the SWHS if available.

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REGION II: Arctic char Summary By Area

Sport Fish 5-Year Stocking Plan

Table II-AC1. Summary of Arctic char releases in Region II listed by area and lifestage.

18-Dec-19

Area	Lifestage	2020		2021		2022		2023		2024	
		Projected									
Anchorage	Broodstock	500	500	500	500	500	500	500	500	500	500
	Catchable	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
		5,000									
Kenai	Broodstock	50	50	50	50	50	50	50	50	50	50
	Catchable	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
	Fingerling	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
		20,050									
Mat-Su	Broodstock	300	300	300	300	300	300	300	300	300	400
	Catchable	6,325	6,225	6,225	6,325	6,325	6,225	6,225	6,225	6,325	6,325
	Fingerling	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
		11,625	11,525	11,525	11,625	11,625	11,525	11,525	11,525	11,725	11,725
Total Arctic char		36,675	36,575	36,575	36,675	36,675	36,575	36,575	36,575	36,775	36,775

REGION II: Arctic grayling Summary By Area**Sport Fish 5-Year Stocking Plan**

Table II-GR1. Summary of Arctic grayling releases in Region II listed by area and lifestage.

18-Dec-19

Area	Lifestage	2020		2021		2022		2023		2024	
		Projected									
Anchorage	Catchable	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
		3,000									
Kenai	Catchable	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
Kenai	Fingerling	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500	9,500
		11,300									
Mat-Su	Catchable	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300	16,300
		16,300									
PWS	Catchable	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,001	1,001
		1,000	1,001	1,001							
Total Arctic grayling		31,600	31,601	31,601							

REGION II: Chinook salmon Summary By Area

Sport Fish 5-Year Stocking Plan

Table II-KS1. Summary of Chinook salmon releases in Region II listed by area and lifestage.

18-Dec-19

Area	Lifestage	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
Anchorage	Catchable	49,000	49,000	49,000	49,000	49,000
Anchorage	Smolt	365,000	365,000	365,000	365,000	365,000
		414,000	414,000	414,000	414,000	414,000
Homer	Smolt	570,000	570,000	570,000	570,000	570,000
		570,000	570,000	570,000	570,000	570,000
Kenai	Catchable	4,000	4,000	4,000	4,000	4,000
Kenai	Smolt	140,500	140,500	140,500	140,500	140,500
		144,500	144,500	144,500	144,500	144,500
Kodiak	Smolt	75,000	35,000	240,000	240,000	240,000
		75,000	35,000	240,000	240,000	240,000
Mat-Su	Catchable	38,000	38,000	37,500	37,500	37,500
Mat-Su	Smolt	424,000	424,000	424,000	424,000	424,000
		462,000	462,000	461,500	461,500	461,500
PWS	Smolt	260,000	260,000	260,000	260,000	260,000
		260,000	260,000	260,000	260,000	260,000
Res Bay	Smolt	315,000	315,000	315,000	315,000	315,000
		315,000	315,000	315,000	315,000	315,000
Total Chinook salmon		2,240,500	2,200,500	2,405,000	2,405,000	2,405,000

REGION II: coho salmon Summary By Area

Sport Fish 5-Year Stocking Plan

Table II-CS1. Summary of coho salmon releases in Region II listed by area and lifestage.

18-Dec-19

Area	Lifestage	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
Anchorage	Catchable	8,000	0	0	0	0
Anchorage	Smolt	415,000	415,000	415,000	415,000	415,000
		423,000	415,000	415,000	415,000	415,000
Homer	Smolt	120,000	120,000	120,000	120,000	120,000
		120,000	120,000	120,000	120,000	120,000
Kenai	Catchable	2,000	0	0	0	0
Kenai	Fingerling	57,220	57,220	57,220	57,220	57,220
		59,220	57,220	57,220	57,220	57,220
Kodiak	Smolt	250,000	250,000	0	0	0
		250,000	250,000	0	0	0
Mat-Su	Fingerling	75,500	75,500	75,500	75,500	75,500
Mat-Su	Smolt	120,000	120,000	120,000	120,000	120,000
		195,500	195,500	195,500	195,500	195,500
Res Bay	Smolt	240,000	240,000	240,000	240,000	240,000
		240,000	240,000	240,000	240,000	240,000
Total coho salmon		1,287,720	1,277,720	1,027,720	1,027,720	1,027,720

REGION II: lake trout Summary By Area**Sport Fish 5-Year Stocking Plan**

Table II-L.T1. Summary of lake trout releases in Region II listed by area and lifestage.

18-Dec-19

Area	Lifestage	2020		2021		2022		2023		2024	
		Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected
Anchorage	Subcatchable	1,900	0	0	0	0	0	0	0	0	1,900
		1,900	0	1,900							
Kenai	Subcatchable	3,800	0	0	0	0	0	0	0	0	3,800
		3,800	0	3,800							
Mat-Su	Subcatchable	3,800	0	0	0	0	0	0	0	0	3,800
		3,800	0	3,800							
PWS	Subcatchable	950	0	0	0	0	0	0	0	0	950
		950	0	950							
Res Bay	Subcatchable	950	0	0	0	0	0	0	0	0	950
		950	0	950							
Total lake trout		11,400	0	11,400							

REGION II: rainbow trout Stocking Plan

REGION II: rainbow trout Summary By Area

Table II-RT1. Summary of rainbow trout releases in Region II listed by area and lifestage.

18-Dec-19

Area	Lifestage	2020		2021		2022		2023		2024	
		Projected									
Anchorage	Broodstock	400	400	400	400	400	400	400	400	400	400
Anchorage	Catchable	119,750	120,750	119,750	120,750	119,750	120,750	119,750	120,750	119,750	119,750
Anchorage	Fingerling	500	500	500	500	500	500	500	500	500	500
		120,650	121,150	120,650	121,150	120,650	121,150	120,650	121,150	120,650	120,650
Kenai	Broodstock	150	150	150	150	150	150	150	150	150	150
Kenai	Catchable	12,460	12,460	12,460	12,460	12,460	12,460	12,460	12,460	12,460	12,460
Kenai	Fingerling	182,980	182,980	182,980	182,980	182,980	182,980	182,980	182,980	182,980	182,980
		195,590									
Kodiak	Fingerling	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
		100,000									
Mat-Su	Broodstock	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Mat-Su	Catchable	67,864	67,864	67,864	67,864	67,864	67,864	67,864	67,864	67,864	67,864
Mat-Su	Fingerling	320,460	321,460	320,460	321,460	320,460	321,460	320,460	321,460	320,460	320,460
		389,324	390,324	389,324	390,324	389,324	390,324	389,324	390,324	389,324	389,324
PWS	Catchable	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
		2,200									
Res Bay	Catchable	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
		1,000									
	Total rainbow trout	808,764	810,264	808,764	810,264	808,764	810,264	808,764	810,264	808,764	808,764

REGION II: Arctic char Summary By Lifestage

Sport Fish 5-Year Stocking Plan

Table II-AC2. Summary of Arctic char releases in Region II listed by lifestage and area.

18-Dec-19

Lifestage	Area	2020		2021		2022		2023		2024	
		Projected									
Broodstock	Anchorage	500	500	500	500	500	500	500	500	500	500
Broodstock	Kenai	50	50	50	50	50	50	50	50	50	50
Broodstock	Mat-Su	300	300	300	300	300	300	300	300	400	400
		850	950	950							
Catchable	Anchorage	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
Catchable	Kenai	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Catchable	Mat-Su	6,325	6,225	6,225	6,325	6,325	6,225	6,225	6,225	6,325	6,325
		20,825	20,725	20,725	20,825	20,825	20,725	20,725	20,725	20,825	20,825
Fingerling	Kenai	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Fingerling	Mat-Su	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
		15,000									
Total Arctic char		36,675	36,575	36,575	36,675	36,675	36,575	36,575	36,575	36,775	36,775

REGION II: Arctic grayling Summary By Lifestage

Sport Fish 5-Year Stocking Plan

Table II-GR2. Summary of Arctic grayling releases in Region II listed by lifestage and area.

18-Dec-19

Lifestage	Area	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
Catchable	Anchorage	3,000	3,000	3,000	3,000	3,000
Catchable	Kenai	1,800	1,800	1,800	1,800	1,800
Catchable	Mat-Su	16,300	16,300	16,300	16,300	16,300
Catchable	PWS	1,000	1,000	1,000	1,000	1,001
		22,100	22,100	22,100	22,100	22,101
Fingerling	Kenai	9,500	9,500	9,500	9,500	9,500
		9,500	9,500	9,500	9,500	9,500
Total Arctic grayling		31,600	31,600	31,600	31,600	31,601

REGION II: Chinook salmon Summary By Lifestage

Sport Fish 5-Year Stocking Plan

Table II-KS2. Summary of Chinook salmon releases in Region II listed by lifestage and area.

18-Dec-19

Lifestage	Area	2020		2021		2022		2023		2024	
		Projected									
Catchable	Anchorage	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000	49,000
Catchable	Kenai	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Catchable	Mat-Su	38,000	38,000	38,000	38,000	37,500	37,500	37,500	37,500	37,500	37,500
		91,000	91,000	91,000	91,000	90,500	90,500	90,500	90,500	90,500	90,500
Smolt	Anchorage	365,000	365,000	365,000	365,000	365,000	365,000	365,000	365,000	365,000	365,000
Smolt	Homer	570,000	570,000	570,000	570,000	570,000	570,000	570,000	570,000	570,000	570,000
Smolt	Kenai	140,500	140,500	140,500	140,500	140,500	140,500	140,500	140,500	140,500	140,500
Smolt	Kodiak	75,000	35,000	35,000	240,000	240,000	240,000	240,000	240,000	240,000	240,000
Smolt	Mat-Su	424,000	424,000	424,000	424,000	424,000	424,000	424,000	424,000	424,000	424,000
Smolt	PWS	260,000	260,000	260,000	260,000	260,000	260,000	260,000	260,000	260,000	260,000
Smolt	Res Bay	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000	315,000
		2,149,500	2,109,500	2,109,500	2,314,500						
Total Chinook salmon		2,240,500	2,200,500	2,200,500	2,405,000						

REGION II: coho salmon Summary By Lifestage

Sport Fish 5-Year Stocking Plan

Table II-CS2. Summary of coho salmon releases in Region II listed by lifestage and area. 18-Dec-19

Lifestage	Area	2020		2021		2022		2023		2024	
		Projected									
Catchable	Anchorage	8,000	0	0	0	0	0	0	0	0	0
	Kenai	2,000	0	0	0	0	0	0	0	0	0
		10,000	0								
Fingerling	Kenai	57,220	57,220	57,220	57,220	57,220	57,220	57,220	57,220	57,220	57,220
Fingerling	Mat-Su	75,500	75,500	75,500	75,500	75,500	75,500	75,500	75,500	75,500	75,500
		132,720									
Smolt	Anchorage	415,000	415,000	415,000	415,000	415,000	415,000	415,000	415,000	415,000	415,000
Smolt	Homer	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Smolt	Kodiak	250,000	250,000	250,000	0	0	0	0	0	0	0
Smolt	Mat-Su	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Smolt	Res Bay	240,000	240,000	240,000	240,000	240,000	240,000	240,000	240,000	240,000	240,000
		1,145,000	1,145,000	1,145,000	895,000						
Total coho salmon		1,287,720	1,277,720	1,277,720	1,027,720						

REGION II: lake trout Summary By Lifestage

Sport Fish 5-Year Stocking Plan

Table II-L.T2. Summary of lake trout releases in Region II listed by lifestage and area.

18-Dec-19

Lifestage	Area	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
Subcatchable	Anchorage	1,900	0	0	0	1,900
Subcatchable	Kenai	3,800	0	0	0	3,800
Subcatchable	Mat-Su	3,800	0	0	0	3,800
Subcatchable	PWS	950	0	0	0	950
Subcatchable	Res Bay	950	0	0	0	950
		11,400	0	0	0	11,400
Total lake trout		11,400	0	0	0	11,400

REGION II: rainbow trout Summary By Lifestage

Sport Fish 5-Year Stocking Plan

Table II-RT2. Summary of rainbow trout releases in Region II listed by lifestage and area. 18-Dec-19

Lifestage	Area	2020		2021		2022		2023		2024	
		Projected									
Broodstock	Anchorage	400	400	400	400	400	400	400	400	400	400
Broodstock	Kenai	150	150	150	150	150	150	150	150	150	150
Broodstock	Mat-Su	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
		1,550									
Catchable	Anchorage	119,750	120,750	120,750	119,750	119,750	120,750	120,750	119,750	119,750	119,750
Catchable	Kenai	12,460	12,460	12,460	12,460	12,460	12,460	12,460	12,460	12,460	12,460
Catchable	Mat-Su	67,864	67,864	67,864	67,864	67,864	67,864	67,864	67,864	67,864	67,864
Catchable	PWS	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200	2,200
Catchable	Res Bay	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
		203,274	204,274	204,274	203,274	203,274	204,274	204,274	203,274	203,274	203,274
Fingerling	Anchorage	500	500	500	500	500	500	500	500	500	500
Fingerling	Kenai	182,980	182,980	182,980	182,980	182,980	182,980	182,980	182,980	182,980	182,980
Fingerling	Kodiak	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Fingerling	Mat-Su	320,460	321,460	321,460	320,460	320,460	321,460	321,460	320,460	320,460	320,460
		603,940	604,440	604,440	603,940	603,940	604,440	604,440	603,940	603,940	603,940
Total rainbow trout		808,764	810,264	810,264	808,764	808,764	810,264	810,264	808,764	808,764	808,764

REGION II: Arctic char Planned Releases

Sport Fish 5-Year Stocking Plan

Table II-AC3. Planned releases of Arctic char in Region II listed by area and release site. Page 1 of 2 17-Dec-19

Fishery Plan	Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-13.1	Anchorage	WJHSFH	Campbell Point L	Broodstock	2N	1	200g+ / 20 Nov	200	200	200	200	200 (a)
II-13.1	Anchorage	WJHSFH	Sand L	Broodstock	2N	3	200g+ / 20 Nov	300	300	300	300	300 (a)
Total:												
								500	500	500	500	500
II-13.1	Anchorage	WJHSFH	Campbell Point L	Catchable	2N/3N	1	120g / 31 May	400	400	400	400	400
II-13.1	Anchorage	WJHSFH	Clunie L	Catchable	2N/3N	1	120g / 31 May	1,400	1,400	1,400	1,400	1,400
II-13.1	Anchorage	WJHSFH	Fish L	Catchable	2N/3N	1	120g / 31 May	250	250	250	250	250
II-13.1	Anchorage	WJHSFH	Green L	Catchable	2N/3N	1	120g / 31 May	250	250	250	250	250
II-13.1	Anchorage	WJHSFH	Sand L	Catchable	3N	3	120g / 31 May	2,000	2,000	2,000	2,000	2,000
II-13.1	Anchorage	WJHSFH	Thompson L	Catchable	2N/3N	1	120g / 31 May	200	200	200	200	200
Total:												
								4,500	4,500	4,500	4,500	4,500
II-14	Kenai	WJHSFH	Island L	Broodstock	2N	1	200g+ / 30 Jun	50	50	50	50	50 (a)
Total:												
								50	50	50	50	50
II-14	Kenai	WJHSFH	Island L	Catchable	2N/3N	1	120g / 30 Jun	5,000	5,000	5,000	5,000	5,000
II-14	Kenai	WJHSFH	Spirit	Catchable	2N/3N	1	120g / 30 Jun	5,000	5,000	5,000	5,000	5,000
Total:												
								10,000	10,000	10,000	10,000	10,000
II-14	Kenai	WJHSFH	Carter	Fingerling	3N	3	5g / 30 Jun	2,000	0	2,000	0	2,000 (a)
II-14	Kenai	WJHSFH	Troop	Fingerling	3N	3	5g / 30 Jun	0	2,000	0	2,000	0 (a)
II-14	Kenai	WJHSFH	Upper Summit	Fingerling	3N	3	5g / 30 Jun	6,000	6,000	6,000	6,000	6,000 (a)
II-14	Kenai	WJHSFH	Vagt	Fingerling	3N	3	5g / 30 Jun	2,000	2,000	2,000	2,000	2,000 (a)
Total:												
								10,000	10,000	10,000	10,000	10,000

REGION II: Arctic char Planned Releases

Sport Fish 5-Year Stocking Plan

Table II-AC3. Planned releases of Arctic char in Region II listed by area and release site.

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Fishery Plan	Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-16	Mat-Su	WJHSFH	Finger L	Broodstock	2N	1	200g+ / 31 May	100	0	100	0	100 (a)
II-17	Mat-Su	WJHSFH	Memory	Broodstock	2N	1	200g+ / 31 May	0	100	0	100	100 (a)
II-18	Mat-Su	WJHSFH	Seventeenmile L	Broodstock	2N	1	200g+ / 31 May	200	200	200	200	200 (a)
Total:								300	300	300	300	400
II-18	Mat-Su	WJHSFH	Benka L	Catchable	2N/3N	1	120g / 31 May	0	1,750	0	1,450	0
II-18	Mat-Su	WJHSFH	Carpenter L	Catchable	2N/3N	1	120g / 31 May	1,975	450	1,975	450	1,975
II-18	Mat-Su	WJHSFH	Echo [K/B] L	Catchable	2N/3N	1	120g / 31 May	500	500	500	500	500
II-16	Mat-Su	WJHSFH	Finger L	Catchable	2N/3N	1	120g / 01 Jun	500	700	500	1,000	500
II-17	Mat-Su	WJHSFH	Irene L	Catchable	2N/3N	1	120g / 31 May	400	500	400	500	400
II-18	Mat-Su	WJHSFH	Long [Mi86] L	Catchable	2N/3N	1	120g / 31 May	0	0	300	300	300
II-18	Mat-Su	WJHSFH	Lynne L	Catchable	2N/3N	1	120g / 31 May	900	0	900	0	900
II-18	Mat-Su	WJHSFH	Marion L	Catchable	2N/3N	1	120g / 31 May	700	900	400	600	400
II-17	Mat-Su	WJHSFH	Matanuska L	Catchable	2N/3N	1	120g / 31 May	0	0	0	400	0
II-18	Mat-Su	WJHSFH	Memory L	Catchable	2N/3N	1	120g / 31 May	200	400	200	0	200
II-18	Mat-Su	WJHSFH	Prator L	Catchable	2N/3N	1	120g / 31 May	300	500	300	500	300
II-18	Mat-Su	WJHSFH	Rush L	Catchable	2N/3N	1	120g / 31 May	200	0	200	0	200
II-18	Mat-Su	WJHSFH	Seventeenmile L	Catchable	2N/3N	1	120g / 31 May	650	525	650	525	650
Total:								6,325	6,225	6,325	6,225	6,325
II-16	Mat-Su	WJHSFH	Finger L	Fingerling	2N	1	5g / 30 Jun	5,000	5,000	5,000	5,000	5,000 (a)
Total:								5,000	5,000	5,000	5,000	5,000
Total Arctic char								36,675	36,575	36,675	36,575	36,775

Notes:

(a) If available

Sport Fish 5-Year Stocking Plan

REGION II: Arctic grayling Planned Releases

Table II-GR3. Planned releases of Arctic grayling in Region II listed by area and release site.

Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy Category	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-13.4	Anchorage WJHSFH	Alder Pond (Portage)	Catchable	3N	3	120g / 31 May	750	750	750	750	750
II-13.1	Anchorage WJHSFH	Delong	Catchable	3N	1	120g / 31 May	1,500	1,500	1,500	1,500	1,500
II-13.2	Anchorage WJHSFH	Taku-Campbell	Catchable	3N	2	120g / 31 May	750	750	750	750	750
Total:							3,000	3,000	3,000	3,000	3,000
II-14	Kenai WJHSFH	Arc L	Catchable	2N/3N	1	120g / 31 May	800	800	800	800	800
II-14	Kenai WJHSFH	Tirmore L	Catchable	2N/3N	1	120g / 31 May	1,000	1,000	1,000	1,000	1,000
Total:							1,800	1,800	1,800	1,800	1,800
II-14	Kenai WJHSFH	Scout L	Fingerling	2N/3N	1	2-4g / 31 May	9,500	9,500	9,500	9,500	9,500
Total:							9,500	9,500	9,500	9,500	9,500
II-17	Mat-Su WJHSFH	Canoe L	Catchable	2N/3N	1	120g / 31 May	2,000	2,000	2,000	2,000	2,000
II-16	Mat-Su WJHSFH	Finger L	Catchable	2N/3N	1	120g / 31 May	2,800	2,800	2,800	2,800	2,800
II-18	Mat-Su WJHSFH	Florence L	Catchable	2N/3N	1	120g / 31 May	500	500	500	500	500
II-18	Mat-Su WJHSFH	Goober L	Catchable	3N	2	120g / 31 May	200	200	200	200	200
II-18	Mat-Su WJHSFH	Ida L	Catchable	2N/3N	1	120g / 31 May	2,000	2,000	2,000	2,000	2,000
II-17	Mat-Su WJHSFH	Kepler/Bradley L	Catchable	2N/3N	1	120g / 31 May	1,000	1,000	1,000	1,000	1,000
II-18	Mat-Su WJHSFH	Knik L	Catchable	2N/3N	1	120g / 31 May	1,000	1,000	1,000	1,000	1,000
II-18	Mat-Su WJHSFH	Long [Mi86] L	Catchable	2N/3N	1	120g / 31 May	2,000	2,000	2,000	2,000	2,000
II-18	Mat-Su WJHSFH	Lorraine L	Catchable	2N/3N	1	120g / 31 May	2,000	2,000	2,000	2,000	2,000
II-18	Mat-Su WJHSFH	Meirs L	Catchable	2N/3N	1	120g / 31 May	800	800	800	800	800
II-18	Mat-Su WJHSFH	Ravine	Catchable	2N/3N	1	120g / 31 May	1,000	1,000	1,000	1,000	1,000
II-18	Mat-Su WJHSFH	Reed L	Catchable	2N/3N	1	120g / 31 May	500	500	500	500	500
II-18	Mat-Su WJHSFH	Summit L	Catchable	3N	2	120g / 31 May	500	500	500	500	500
Total:							16,300	16,300	16,300	16,300	16,300
II-19	PWS WJHSFH	Thompson L	Catchable	3N	5	120g / 15 Jun	1,000	1,000	1,000	1,000	1,001
Total:							1,000	1,000	1,000	1,000	1,001
Total Arctic grayling							31,600	31,600	31,600	31,600	31,601

REGION II: Chinook salmon Planned Releases

Sport Fish 5-Year Stocking Plan

Table II-KS3. Planned releases of Chinook salmon in Region II listed by area and release site.

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Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-13.2	Anchorage WJHSFH	Beach L	Catchable	3N	3	120g / 15 Oct	3,000	3,000	3,000	3,000	3,000
II-13.1	Anchorage WJHSFH	Campbell Point L	Catchable	2N/3N	1	120g / 15 Oct	6,000	6,000	6,000	6,000	6,000
II-13.1	Anchorage WJHSFH	Cheney L	Catchable	3N	3	120g / 15 Oct	5,000	5,000	5,000	5,000	5,000
II-13.4	Anchorage WJHSFH	Clunie L	Catchable	2N/3N	1	120g / 15 Oct	2,000	2,000	2,000	2,000	2,000
II-13.1	Anchorage WJHSFH	Delong L	Catchable	2N/3N	1	120g / 15 Oct	7,000	7,000	7,000	7,000	7,000
II-13.1	Anchorage WJHSFH	Derby: Jewel L	Catchable	2N/3N	1	120g / 05 Dec	3,000	3,000	3,000	3,000	3,000
II-13.3	Anchorage WJHSFH	Green L	Catchable	2N/3N	1	120g / 15 Oct	1,000	1,000	1,000	1,000	1,000
II-13.3	Anchorage WJHSFH	Hillberg L	Catchable	2N/3N	1	120g / 15 Oct	1,000	1,000	1,000	1,000	1,000
II-13.1	Anchorage WJHSFH	Jewel L	Catchable	2N/3N	1	120g / 15 Oct	8,000	8,000	8,000	8,000	8,000
II-13.2	Anchorage WJHSFH	Mirror L	Catchable	3N	3	120g / 15 Oct	7,000	7,000	7,000	7,000	7,000
II-13.1	Anchorage WJHSFH	Taku Campbell L	Catchable	3N	2	120g / 15 Oct	4,000	4,000	4,000	4,000	4,000
II-13.3	Anchorage WJHSFH	Trade Fair/I&E	Catchable	3N		120g / 30 Mar	2,000	2,000	2,000	2,000	2,000
Total:							49,000	49,000	49,000	49,000	49,000
II-2	Anchorage WJHSFH	Ship Ck	Smolt	2N		12g / 31 May	365,000	365,000	365,000	365,000	365,000
Total:							365,000	365,000	365,000	365,000	365,000
II-4	Homer WJHSFH	Homer Spit	Smolt	2N		12g / 31 May	315,000	315,000	315,000	315,000	315,000
II-6	Homer WJHSFH	Ninichik R	Smolt	2N		12g / 31 May	150,000	150,000	150,000	150,000	150,000 (a)
II-4	Homer WJHSFH	Seldovia Harbor	Smolt	2N		12g / 15 Jun	105,000	105,000	105,000	105,000	105,000
Total:							570,000	570,000	570,000	570,000	570,000
II-14	Kenai WJHSFH	Sport L	Catchable	2N/3N	1	120g / 15 Oct	2,000	2,000	2,000	2,000	2,000
II-14	Kenai WJHSFH	Sport L	Catchable	2N/3N	1	120g / 15 Dec	2,000	2,000	2,000	2,000	2,000
Total:							4,000	4,000	4,000	4,000	4,000
II-3	Kenai WJHSFH	Crooked Ck	Smolt	2N		12g / 01 Jun	140,500	140,500	140,500	140,500	140,500 (a)
Total:							140,500	140,500	140,500	140,500	140,500
II-15	Kodiak	Pillar Creek American River	Smolt	2N		10-30g / 25 May	25,000	0	80,000	80,000	80,000
II-15	Kodiak	Pillar Creek Olds River	Smolt	2N		10-30g / 25 May	25,000	0	80,000	80,000	80,000
II-15	Kodiak	Pillar Creek Salomie Creek	Smolt	2N		10-30g / 25 May	25,000	35,000	80,000	80,000	80,000
Total:							75,000	35,000	240,000	240,000	240,000

REGION II: Chinook salmon Planned Releases

Sport Fish 5-Year Stocking Plan

Table II-KS3. Planned releases of Chinook salmon in Region II listed by area and release site.

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Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-16	Mat-Su	WJHSFH	Finger L	2N/3N	1	120g / 30 Oct	30,000	30,000	29,500	29,500	29,500
II-18	Mat-Su	WJHSFH	Knik L	2N/3N	1	120g / 30 Oct	3,200	3,200	3,200	3,200	3,200
II-17	Mat-Su	WJHSFH	Matanuska L	2N/3N	1	120g / 30 Oct	2,800	2,800	2,800	2,800	2,800
II-18	Mat-Su	WJHSFH	Memory L	2N/3N	1	120g / 30 Oct	2,000	2,000	2,000	2,000	2,000
Total:							38,000	38,000	37,500	37,500	37,500
II-1	Mat-Su	WJHSFH	Eklutna Tailrace	2N		12g / 15 Jun	424,000	424,000	424,000	424,000	424,000
Total:							424,000	424,000	424,000	424,000	424,000
II-7	PWS		Chenega	2N		12g / 15 Jun	50,000	50,000	50,000	50,000	50,000 (b)
II-7	PWS	WJHSFH	Fleming Spit, Cordova	2N		12g / 15 Jun	105,000	105,000	105,000	105,000	105,000
II-7	PWS	WJHSFH	Whittier	2N		12g / 15 Jun	105,000	105,000	105,000	105,000	105,000
Total:							260,000	260,000	260,000	260,000	260,000
II-8	Res Bay	WJHSFH	Seward Lagoon	2N		20g / 31 May	315,000	315,000	315,000	315,000	315,000
Total:							315,000	315,000	315,000	315,000	315,000
Total Chinook salmon							2,240,500	2,200,500	2,405,000	2,405,000	2,405,000

Notes:

- (a) 100% adipose clipped.
- (b) Cooperative project with ADF&G and PWSAC.

Sport Fish 5-Year Stocking Plan

REGION II: coho salmon Planned Releases

Table II-CS3. Planned releases of coho salmon in Region II listed by area and release site.

Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy Category	Lake	Target Release Size/Date	2020	2021	2022	2023	2024	
							Projected	Projected	Projected	Projected	Projected	
II-13.1	Anchorage WJHSFH	Derby: Jewel L	Catchable	2N/3N	1	120g / 15 Feb	5,000	0	0	0	0	0 (a)
II-13.1	Anchorage WJHSFH	Trade Fair/I&E	Catchable	3N		120g / 30 Mar	3,000	0	0	0	0	0 (a)
Total:							8,000	0	0	0	0	0
II-9	Anchorage WJHSFH	Bird Ck	Smolt	2N		20g / 31 May	125,000	125,000	125,000	125,000	125,000	125,000
II-9	Anchorage WJHSFH	Campbell Ck	Smolt	2N		20g / 31 May	50,000	50,000	50,000	50,000	50,000	50,000
II-9	Anchorage WJHSFH	Ship Ck	Smolt	2N		20g / 31 May	240,000	240,000	240,000	240,000	240,000	240,000
Total:							415,000	415,000	415,000	415,000	415,000	415,000
II-10	Homer	WJHSFH	Smolt	2N		20g / 31 May	120,000	120,000	120,000	120,000	120,000	120,000
Total:							120,000	120,000	120,000	120,000	120,000	120,000
II-14	Kenai	WJHSFH	Catchable	2N/3N	1	120g / 15 Feb	2,000	0	0	0	0	0 (a)
Total:							2,000	0	0	0	0	0
II-14	Kenai	WJHSFH	Fingerling	2N/3N	1	2-4g / 30 Jun	1,920	1,920	1,920	1,920	1,920	1,920
II-14	Kenai	WJHSFH	Fingerling	2N/3N	1	2-4g / 30 Jun	1,200	1,200	1,200	1,200	1,200	1,200
II-14	Kenai	WJHSFH	Fingerling	2N/3N	1	2-4g / 30 Jun	42,110	42,110	42,110	42,110	42,110	42,110
II-14	Kenai	WJHSFH	Fingerling	2N/3N	1	2-4g / 30 Jun	11,990	11,990	11,990	11,990	11,990	11,990
Total:							57,220	57,220	57,220	57,220	57,220	57,220
II-15	Kodiak	Pillar Creek	Smolt	2N	3	12g+ / 30 Jun	30,000	30,000	0	0	0	0
II-15	Kodiak	Pillar Creek	Smolt	2N	3	12g+ / 30 Jun	20,000	20,000	0	0	0	0
II-15	Kodiak	Pillar Creek	Smolt	2N	5	12g+ / 30 Jun	100,000	100,000	0	0	0	0
II-15	Kodiak	Pillar Creek	Smolt	2N	5	12g+ / 30 Jun	100,000	100,000	0	0	0	0
Total:							250,000	250,000	0	0	0	0

Sport Fish 5-Year Stocking Plan

REGION II: coho salmon Planned Releases

Table II-CS3. Planned releases of coho salmon in Region II listed by area and release site.

Fishery Plan	Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-18	Mat-Su	WJHSFH	Barley L	Fingerling	2N/3N	1	2-4g / 30 Jun	900	900	900	900	900
II-18	Mat-Su	WJHSFH	Bear Paw L	Fingerling	2N/3N	1	2-4g / 30 Jun	4,500	4,500	4,500	4,500	4,500
II-18	Mat-Su	WJHSFH	Carpenter L	Fingerling	2N/3N	1	2-4g / 30 Jun	15,000	15,000	15,000	15,000	15,000
II-18	Mat-Su	WJHSFH	Christiansen L	Fingerling	2N/3N	1	2-4g / 30 Jun	12,100	12,100	12,100	12,100	12,100
II-18	Mat-Su	WJHSFH	Diamond L	Fingerling	2N/3N	1	2-4g / 30 Jun	11,000	11,000	11,000	11,000	11,000
II-18	Mat-Su	WJHSFH	Echo [K/B] L	Fingerling	2N/3N	1	2-4g / 30 Jun	2,300	2,300	2,300	2,300	2,300
II-18	Mat-Su	WJHSFH	Kalmbach L	Fingerling	2N/3N	1	2-4g / 30 Jun	11,000	11,000	11,000	11,000	11,000
II-18	Mat-Su	WJHSFH	Klaire L	Fingerling	2N/3N	1	2-4g / 30 Jun	900	900	900	900	900
II-18	Mat-Su	WJHSFH	Loberg L	Fingerling	2N/3N	1	2-4g / 30 Jun	1,100	1,100	1,100	1,100	1,100
II-18	Mat-Su	WJHSFH	Lucille L	Fingerling	3N	3	2-4g / 30 Jun	8,000	8,000	8,000	8,000	8,000
II-18	Mat-Su	WJHSFH	Victor L	Fingerling	2N/3N	1	2-4g / 30 Jun	2,700	2,700	2,700	2,700	2,700
II-18	Mat-Su	WJHSFH	Willow L	Fingerling	3N	2	2-4g / 30 Jun	3,000	3,000	3,000	3,000	3,000
II-18	Mat-Su	WJHSFH	Wolf L	Fingerling	3N	3	2-4g / 30 Jun	3,000	3,000	3,000	3,000	3,000
Total:								75,500	75,500	75,500	75,500	75,500
II-9	Mat-Su	WJHSFH	Eklutna Tailrace	Smolt	2N		20g / 30 May	120,000	120,000	120,000	120,000	120,000
Total:								120,000	120,000	120,000	120,000	120,000
II-12	Res Bay	WJHSFH	Seward Lagoon	Smolt	2N		20g / 31 May	240,000	240,000	240,000	240,000	240,000
Total:								240,000	240,000	240,000	240,000	240,000
Total coho salmon								1,287,720	1,277,720	1,027,720	1,027,720	1,027,720

Notes:

(a) BY18 Chinook Brood Shortage. Will Substitute Catchable Coho for 2020 Only.

REGION II: lake trout Planned Releases

Sport Fish 5-Year Stocking Plan

Table II-L.T3. Planned releases of lake trout in Region II listed by area and release site.

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Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy Category	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected	
II-13.3 Anchorage	RBSFH	Clunie L	Subcatchable	3N	1	20g / 30 May	950	0	0	0	950	
II-13.1 Anchorage	RBSFH	Sand L	Subcatchable	3N	3	20g / 30 May	950	0	0	0	950	
Total:							1,900	0	0	0	1,900	
II-14 Kenai	RBSFH	Upper Summit L	Subcatchable	3N	3	20g / 30 May	3,800	0	0	0	3,800	
Total:							3,800	0	0	0	3,800	
II-18 Mat-Su	RBSFH	Long [Mi86] L	Subcatchable	3N	1	20g / 30 May	2,100	0	0	0	2,100	
II-17 Mat-Su	RBSFH	Matanuska L	Subcatchable	3N	1	20g / 30 May	1,700	0	0	0	1,700	
Total:							3,800	0	0	0	3,800	
II-19 PWS	RBSFH	Blue Berry	Subcatchable	3N	5	20g / 30 May	950	0	0	0	950	
Total:							950	0	0	0	950	
II-20 Res Bay	RBSFH	Lost L	Subcatchable	3N	3	20g / 30 May	950	0	0	0	950	
Total:							950	0	0	0	950	
Total lake trout							11,400	0	0	0	0	11,400

REGION II: rainbow trout Planned Releases

Sport Fish 5-Year Stocking Plan

Table II-RT3. Planned releases of rainbow trout in Region II listed by area and release site.

Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy Category	Lake	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-13.1	Anchorage WJHSFH	Campbell Point L	Broodstock	2N	1	1000g / 31 Oct	50	50	50	50	50 (a)
II-13.1	Anchorage WJHSFH	Cheney L	Broodstock	2N	3	1000g / 31 Oct	100	100	100	100	100 (a)
II-13.1	Anchorage WJHSFH	Delong L	Broodstock	2N	1	1000g / 31 Oct	50	50	50	50	50 (a)
II-13.1	Anchorage WJHSFH	Jewel L	Broodstock	2N	1	1000g / 31 Oct	100	100	100	100	100 (a)
II-13.1	Anchorage WJHSFH	Sand L	Broodstock	2N	3	1000g / 31 Oct	100	100	100	100	100 (a)
Total:							400	400	400	400	400

Sport Fish 5-Year Stocking Plan

REGION II: rainbow trout Planned Releases

Table II-RT3. Planned releases of rainbow trout in Region II listed by area and release site.

Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-13.4	Anchorage WJHSFH	Airstrip/Willow Pond	Catchable	3N	2	180g / 31 May	3,000	3,000	3,000	3,000	3,000
II-13.4	Anchorage WJHSFH	Airstrip/Willow Pond	Catchable	3N	2	180g / 30 Sep	750	750	750	750	750
II-13.4	Anchorage WJHSFH	Alder Pond (Portage)	Catchable	2N/3N	3	180g / 31 May	2,500	2,500	2,500	2,500	2,500
II-13.4	Anchorage WJHSFH	Alder Pond (Portage)	Catchable	2N/3N	3	180g / 30 Sep	750	750	750	750	750
II-13.2	Anchorage WJHSFH	Beach L	Catchable	2N/3N	3	180g / 31 May	3,000	3,000	3,000	3,000	3,000
II-13.2	Anchorage WJHSFH	Beach L	Catchable	2N/3N	3	180g / 30 Jun	2,000	2,000	2,000	2,000	2,000
II-13.1	Anchorage WJHSFH	Campbell Ck	Catchable	3N	5	180g / 30 Jun	1,000	1,000	1,000	1,000	1,000
II-13.1	Anchorage WJHSFH	Campbell Point L	Catchable	2N/3N	1	180g / 31 May	2,500	2,500	2,500	2,500	2,500
II-13.1	Anchorage WJHSFH	Campbell Point L	Catchable	2N/3N	1	180g / 30 Jun	3,000	3,000	3,000	3,000	3,000
II-13.1	Anchorage WJHSFH	Campbell Point L	Catchable	2N/3N	1	180g / 30 Sep	2,500	2,500	2,500	2,500	2,500
II-13.1	Anchorage WJHSFH	Campbell Point L	Catchable	2N/3N	1	180g / 30 Aug	4,000	4,000	4,000	4,000	4,000
II-13.1	Anchorage WJHSFH	Cheney L	Catchable	2N/3N	3	180g / 31 May	3,000	3,000	3,000	3,000	3,000
II-13.1	Anchorage WJHSFH	Cheney L	Catchable	2N/3N	3	180g / 30 Jun	3,000	3,000	3,000	3,000	3,000
II-13.1	Anchorage WJHSFH	Cheney L	Catchable	2N/3N	3	180g / 30 Sep	3,000	3,000	3,000	3,000	3,000
II-13.1	Anchorage WJHSFH	Cheney L	Catchable	2N/3N	3	180g / 30 Aug	5,500	5,500	5,500	5,500	5,500
II-13.1	Anchorage WJHSFH	Chester Ck	Catchable	3N	5	180g / 30 Jun	1,000	1,000	1,000	1,000	1,000
II-13.3	Anchorage WJHSFH	Clunie L	Catchable	2N/3N	1	180g / 31 May	2,000	2,000	2,000	2,000	2,000
II-13.3	Anchorage WJHSFH	Clunie L	Catchable	2N/3N	1	180g / 30 Sep	1,500	1,500	1,500	1,500	1,500
II-13.3	Anchorage WJHSFH	Clunie L	Catchable	2N/3N	1	180g / 30 Aug	5,000	5,000	5,000	5,000	5,000
II-13.1	Anchorage WJHSFH	Delong L	Catchable	2N/3N	1	180g / 31 May	2,500	2,500	2,500	2,500	2,500
II-13.1	Anchorage WJHSFH	Delong L	Catchable	2N/3N	1	180g / 30 Jun	2,000	2,000	2,000	2,000	2,000
II-13.1	Anchorage WJHSFH	Delong L	Catchable	2N/3N	1	180g / 30 Sep	2,500	2,500	2,500	2,500	2,500
II-13.1	Anchorage WJHSFH	Delong L	Catchable	2N/3N	1	180g / 30 Aug	4,000	4,000	4,000	4,000	4,000
II-13.1	Anchorage WJHSFH	Derby: Campbell Ck	Catchable	3N	5	180g / 30 Jun	1,000	1,000	1,000	1,000	1,000
II-13.4	Anchorage WJHSFH	Derby:USFS Portage	Catchable	3N	2	180g / 30 Jun	500	500	500	500	500
II-13.2	Anchorage WJHSFH	Edmonds L	Catchable	2N/3N	3	180g / 31 May	2,000	2,000	2,000	2,000	2,000
II-13.3	Anchorage WJHSFH	Fish L	Catchable	2N/3N	1	180g / 30 Jun	1,500	1,500	1,500	1,500	1,500
II-13.3	Anchorage WJHSFH	Green L	Catchable	2N/3N	1	180g / 30 Jun	1,500	1,500	1,500	1,500	1,500
II-13.3	Anchorage WJHSFH	Gwen L	Catchable	2N/3N	1	180g / 31 May	1,500	1,500	1,500	1,500	1,500
II-13.3	Anchorage WJHSFH	Gwen L	Catchable	2N/3N	1	180g / 30 Sep	500	500	500	500	500
II-13.3	Anchorage WJHSFH	Hillberg L	Catchable	2N/3N	1	180g / 31 May	1,500	1,500	1,500	1,500	1,500
II-13.1	Anchorage WJHSFH	Jewel L	Catchable	2N/3N	1	180g / 31 May	3,000	3,000	3,000	3,000	3,000
II-13.1	Anchorage WJHSFH	Jewel L	Catchable	2N/3N	1	180g / 30 Jun	2,500	2,500	2,500	2,500	2,500

REGION II: rainbow trout Planned Releases

Sport Fish 5-Year Stocking Plan

Table II-RT3. Planned releases of rainbow trout in Region II listed by area and release site.

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Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-13.1	Anchorage WJHSFH	Jewel L	Catchable	2N/3N	1	180g / 30 Sep	4,000	4,000	4,000	4,000	4,000
II-13.1	Anchorage WJHSFH	Jewel L	Catchable	2N/3N	1	180g / 30 Aug	5,500	5,500	5,500	5,500	5,500
II-13.1	Anchorage WJHSFH	Lake Otis	Catchable	2N/3N	1	180g / 31 May	2,000	2,000	2,000	2,000	2,000
II-13.1	Anchorage WJHSFH	Lake Otis	Catchable	2N/3N	1	180g / 30 Aug	2,000	2,000	2,000	2,000	2,000
II-13.2	Anchorage WJHSFH	Mirror L	Catchable	2N/3N	3	180g / 31 May	2,000	2,000	2,000	2,000	2,000
II-13.2	Anchorage WJHSFH	Mirror L	Catchable	2N/3N	3	180g / 30 Jun	2,000	2,000	2,000	2,000	2,000
II-13.2	Anchorage WJHSFH	Mirror L	Catchable	2N/3N	3	180g / 30 Aug	1,000	1,000	1,000	1,000	1,000
II-13.3	Anchorage WJHSFH	Otter L	Catchable	2N/3N	3	180g / 31 May	750	750	750	750	750
II-13.3	Anchorage WJHSFH	Otter L	Catchable	2N/3N	3	180g / 30 Jun	1,500	1,500	1,500	1,500	1,500
II-13.4	Anchorage WJHSFH	Rabbit L	Catchable	2N/3N	3	180g / 30 Jun	0	1,000	0	1,000	0
II-13.1	Anchorage WJHSFH	Sand L	Catchable	2N/3N	3	180g / 30 Jun	3,000	3,000	3,000	3,000	3,000
II-13.1	Anchorage WJHSFH	Sand L	Catchable	2N/3N	3	180g / 30 Sep	2,500	2,500	2,500	2,500	2,500
II-13.1	Anchorage WJHSFH	Sand L	Catchable	2N/3N	3	180g / 31 Oct	2,000	2,000	2,000	2,000	2,000
II-13.1	Anchorage WJHSFH	Sand L	Catchable	2N/3N	3	180g / 31 May	2,500	2,500	2,500	2,500	2,500
II-13.3	Anchorage WJHSFH	Spring L	Catchable	2N/3N	1	180g / 31 May	500	500	500	500	500
II-13.1	Anchorage WJHSFH	Taku Campbell L	Catchable	3N	2	180g / 31 May	1,500	1,500	1,500	1,500	1,500
II-13.1	Anchorage WJHSFH	Taku Campbell L	Catchable	3N	2	180g / 30 Jun	2,500	2,500	2,500	2,500	2,500
II-13.1	Anchorage WJHSFH	Taku Campbell L	Catchable	3N	2	180g / 30 Sep	2,500	2,500	2,500	2,500	2,500
II-13.4	Anchorage WJHSFH	Tangle Pond	Catchable	3N	2	180g / 31 May	1,000	1,000	1,000	1,000	1,000
II-13.4	Anchorage WJHSFH	Tangle Pond	Catchable	3N	2	180g / 30 Sep	750	750	750	750	750
II-13	Anchorage WJHSFH	Trade Fair/I&E	Catchable	2N/3N	2	180g / 31 May	1,000	1,000	1,000	1,000	1,000
II-13.3	Anchorage WJHSFH	Triangle L	Catchable	2N/3N	1	180g / 31 May	1,000	1,000	1,000	1,000	1,000
II-13.3	Anchorage WJHSFH	Upper Six-Mile L	Catchable	3N	5	180g / 31 May	1,000	1,000	1,000	1,000	1,000
II-13.3	Anchorage WJHSFH	Waldon L	Catchable	2N/3N	1	180g / 31 May	1,250	1,250	1,250	1,250	1,250
II-13.3	Anchorage WJHSFH	Waldon L	Catchable	2N/3N	1	180g / 30 Sep	500	500	500	500	500
Total:							119,750	120,750	119,750	120,750	119,750
II-13.2	Anchorage WJHSFH	Symphony L	Fingerling	3N	3	5g / 30 Jun	500	0	500	0	500
Total:							500	500	500	500	500

REGION II: rainbow trout Planned Releases

Sport Fish 5-Year Stocking Plan

Table II-RT3. Planned releases of rainbow trout in Region II listed by area and release site.

Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy Category	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-14 Kenai	WJHSFH	Sport L	Broodstock	2N	1	500g / 31 Dec	150	150	150	150	150
Total:							150	150	150	150	150
II-14 Kenai	WJHSFH	Johnson L	Catchable	2N/3N	1	180g / 15 May	7,500	7,500	7,500	7,500	7,500
II-14 Kenai	WJHSFH	Johnson L	Catchable	2N/3N	1	180g / 30 Jun	2,260	2,260	2,260	2,260	2,260
II-14 Kenai	WJHSFH	Sport L	Catchable	2N/3N	1	180g / 30 Jun	2,000	2,000	2,000	2,000	2,000
II-14 Kenai	WJHSFH	Sport Show (Sport Lake)	Catchable	3N		180g / 28 Apr	700	700	700	700	700
Total:							12,460	12,460	12,460	12,460	12,460

Sport Fish 5-Year Stocking Plan

REGION II: rainbow trout Planned Releases

Table II-RT3. Planned releases of rainbow trout in Region II listed by area and release site.

Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected	
II-14	Kenai	WJHSFH	Aurora L	Fingerling	2N/3N	1	2-4g / 30 Jun	500	500	500	500	500
II-14	Kenai	WJHSFH	Barbara L	Fingerling	2N/3N	1	2-4g / 30 Jun	1,100	1,100	1,100	1,100	1,100
II-14	Kenai	WJHSFH	Cabin L	Fingerling	2N/3N	1	2-4g / 30 Jun	2,000	2,000	2,000	2,000	2,000
II-14	Kenai	WJHSFH	Carter L	Fingerling	2N/3N	3	2-4g / 30 Jun	2,790	0	2,790	0	2,790
II-14	Kenai	WJHSFH	Centennial L	Fingerling	2N/3N	1	2-4g / 30 Jun	1,250	1,250	1,250	1,250	1,250
II-14	Kenai	WJHSFH	Chugach Est. L	Fingerling	2N/3N	1	2-4g / 30 Jun	500	500	500	500	500
II-14	Kenai	WJHSFH	Douglas L	Fingerling	2N/3N	1	2-4g / 30 Jun	6,000	6,000	6,000	6,000	6,000
II-14	Kenai	WJHSFH	Elephant L	Fingerling	2N/3N	1	2-4g / 30 Jun	28,000	28,000	28,000	28,000	28,000
II-14	Kenai	WJHSFH	Encelewski L	Fingerling	2N/3N	1	2-4g / 30 Jun	5,000	5,000	5,000	5,000	5,000
II-14	Kenai	WJHSFH	Island L	Fingerling	2N/3N	1	2-4g / 30 Jun	28,000	28,000	28,000	28,000	28,000
II-14	Kenai	WJHSFH	Island L	Fingerling	3N	1	20g / 31 Oct	7,500	7,500	7,500	7,500	7,500 (a)
II-14	Kenai	WJHSFH	Long L	Fingerling	2N/3N	3	2-4g / 30 Jun	0	1,280	0	1,280	0
II-14	Kenai	WJHSFH	Longmate L	Fingerling	2N/3N	1	2-4g / 30 Jun	15,000	15,000	15,000	15,000	15,000
II-14	Kenai	WJHSFH	Longmate L	Fingerling	3N	1	20g / 31 Oct	7,500	7,500	7,500	7,500	7,500 (a)
II-14	Kenai	WJHSFH	Loon L	Fingerling	2N/3N	1	2-4g / 30 Jun	900	900	900	900	900
II-14	Kenai	WJHSFH	Meridian L	Fingerling	2N/3N	3	2-4g / 30 Jun	0	1,275	0	1,275	0
II-14	Kenai	WJHSFH	Rainbow L	Fingerling	3N	3	2-4g / 30 Jun	1,790	0	1,790	0	1,790
II-14	Kenai	WJHSFH	Roque L	Fingerling	2N/3N	1	2-4g / 30 Jun	250	250	250	250	250
II-14	Kenai	WJHSFH	Scout L	Fingerling	2N/3N	1	2-4g / 30 Jun	10,000	10,000	10,000	10,000	10,000
II-14	Kenai	WJHSFH	Scout L	Fingerling	3N	1	20g / 31 Oct	7,500	7,500	7,500	7,500	7,500 (a)
II-14	Kenai	WJHSFH	Sport L	Fingerling	2N/3N	1	2-4g / 30 Jun	15,000	15,000	15,000	15,000	15,000
II-14	Kenai	WJHSFH	Sport L	Fingerling	3N	1	20g / 31 Oct	7,500	7,500	7,500	7,500	7,500 (a)
II-14	Kenai	WJHSFH	Thetis L	Fingerling	2N/3N	1	2-4g / 30 Jun	3,000	3,000	3,000	3,000	3,000
II-14	Kenai	WJHSFH	Tirmore L	Fingerling	2N/3N	1	2-4g / 30 Jun	1,500	1,500	1,500	1,500	1,500
II-14	Kenai	WJHSFH	Troop L	Fingerling	2N/3N	3	2-4g / 30 Jun	0	2,025	0	2,025	0
II-14	Kenai	WJHSFH	Upper Summit L	Fingerling	2N/3N	3	2-4g / 30 Jun	28,000	28,000	28,000	28,000	28,000
II-14	Kenai	WJHSFH	Vagt L	Fingerling	2N/3N	3	2-4g / 30 Jun	2,400	2,400	2,400	2,400	2,400
Total:							182,980	182,980	182,980	182,980	182,980	182,980

Sport Fish 5-Year Stocking Plan

REGION II: rainbow trout Planned Releases

Table II-RT3. Planned releases of rainbow trout in Region II listed by area and release site.

Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected	
II-15	Kodiak	Pillar Creek Abercrombie L	Fingerling	3N	2	2-4g / 31 Jul	8,365	8,365	8,365	8,365	8,365	
II-15	Kodiak	Pillar Creek Aurel L	Fingerling	3N	2	2-4g / 31 Jul	5,860	5,860	5,860	5,860	5,860	
II-15	Kodiak	Pillar Creek Big L	Fingerling	3N	2	2-4g / 31 Jul	7,950	7,950	7,950	7,950	7,950	
II-15	Kodiak	Pillar Creek Bull L	Fingerling	3N	1	2-4g / 31 Jul	2,790	2,790	2,790	2,790	2,790	
II-15	Kodiak	Pillar Creek Caroline L	Fingerling	3N	2	2-4g / 31 Jul	3,345	3,345	3,345	3,345	3,345	
II-15	Kodiak	Pillar Creek Cicely L	Fingerling	3N	2	2-4g / 31 Jul	3,625	3,625	3,625	3,625	3,625	
II-15	Kodiak	Pillar Creek Dark L	Fingerling	3N	3	2-4g / 31 Jul	8,370	8,370	8,370	8,370	8,370	
II-15	Kodiak	Pillar Creek Dolgoi L	Fingerling	3N	1	2-4g / 31 Jul	8,370	8,370	8,370	8,370	8,370	
II-15	Kodiak	Pillar Creek Dragon Fly L	Fingerling	3N	2	2-4g / 31 Jul	3,905	3,905	3,905	3,905	3,905	
II-15	Kodiak	Pillar Creek Heitman L	Fingerling	3N	2	2-4g / 31 Jul	6,140	6,140	6,140	6,140	6,140	
II-15	Kodiak	Pillar Creek Horseshoe L	Fingerling	3N	2	2-4g / 31 Jul	2,650	2,650	2,650	2,650	2,650	
II-15	Kodiak	Pillar Creek Island L	Fingerling	3N	3	2-4g / 31 Jul	8,365	8,365	8,365	8,365	8,365	
II-15	Kodiak	Pillar Creek Lee L	Fingerling	3N	2	2-4g / 31 Jul	5,440	5,440	5,440	5,440	5,440	
II-15	Kodiak	Pillar Creek Lilly L	Fingerling	3N	2	2-4g / 31 Jul	3,765	3,765	3,765	3,765	3,765	
II-15	Kodiak	Pillar Creek Long L	Fingerling	3N	1	2-4g / 31 Jul	6,415	6,415	6,415	6,415	6,415	
II-15	Kodiak	Pillar Creek Tanignak L	Fingerling	3N	1	2-4g / 31 Jul	6,415	6,415	6,415	6,415	6,415	
II-15	Kodiak	Pillar Creek Twin L	Fingerling	3N	1	2-4g / 31 Jul	8,230	8,230	8,230	8,230	8,230	
Total:							100,000	100,000	100,000	100,000	100,000	100,000

REGION II: rainbow trout Planned Releases

Sport Fish 5-Year Stocking Plan

Table II-RT3. Planned releases of rainbow trout in Region II listed by area and release site.

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Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy Category	Lake	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-17 Mat-Su	WJHSFH	Kepler/Bradley L	Broodstock	2N	1	400g / 30 Aug	500	500	500	500	250 (a)
II-18 Mat-Su	WJHSFH	Loberg L	Broodstock	2N	1	400g / 30 Aug	250	250	250	250	250 (a)
II-18 Mat-Su	WJHSFH	Long [Mi86] L	Broodstock	2N	1	400g / 30 Aug	250	250	250	250	500 (a)
Total:							1,000	1,000	1,000	1,000	1,000

Sport Fish 5-Year Stocking Plan

REGION II: rainbow trout Planned Releases

Table II-RT3. Planned releases of rainbow trout in Region II listed by area and release site.

Fishery Plan	Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-18	Mat-Su	WJHSFH	Anderson L	Catchable	3N	2	180g / 15 May	0	3,000	3,000	3,000	3,000
II-18	Mat-Su	WJHSFH	Bruce L	Catchable	2N/3N	1	180g / 15 May	1,500	1,500	1,500	1,500	1,500
II-17	Mat-Su	WJHSFH	Canoe L	Catchable	2N/3N	1	180g / 15 May	3,000	3,000	3,000	3,000	3,000
II-18	Mat-Su	WJHSFH	Coyote L	Catchable	3N	2	180g / 15 May	500	500	500	500	500
II-18	Mat-Su	WJHSFH	Crystal L	Catchable	3N	3	180g / 15 May	2,480	2,480	2,480	2,480	2,480
II-18	Mat-Su	WJHSFH	Echo [K/B] L	Catchable	2N/3N	1	180g / 15 May	1,000	1,000	1,000	1,000	1,000
II-18	Mat-Su	WJHSFH	Gate L	Catchable	3N	2	180g / 15 May	600	600	600	600	600
II-17	Mat-Su	WJHSFH	Irene L	Catchable	2N/3N	1	180g / 15 May	2,800	2,800	2,800	2,800	2,800
II-18	Mat-Su	WJHSFH	Kashwina L	Catchable	3N	2	180g / 15 May	2,300	2,300	2,300	2,300	2,300
II-17	Mat-Su	WJHSFH	Kepler/Bradley L	Catchable	2N/3N	1	180g / 15 May	5,000	5,000	5,000	5,000	5,000
II-17	Mat-Su	WJHSFH	Kepler/Bradley L	Catchable	2N/3N	1	180g / 15 Jun	5,000	5,000	5,000	5,000	5,000
II-18	Mat-Su	WJHSFH	Knik L	Catchable	2N/3N	1	180g / 15 May	2,500	2,500	2,500	2,500	2,500
II-18	Mat-Su	WJHSFH	Knob L	Catchable	3N	2	180g / 15 May	2,500	2,500	2,500	2,500	2,500
II-18	Mat-Su	WJHSFH	Leech L	Catchable	3N	1	180g / 15 May	500	500	500	500	500
II-18	Mat-Su	WJHSFH	Loberg L	Catchable	2N/3N	1	180g / 15 May	2,000	2,000	2,000	2,000	2,000
II-18	Mat-Su	WJHSFH	Long [Mi86] L	Catchable	2N/3N	1	180g / 15 May	3,000	4,000	4,000	4,000	4,000
II-18	Mat-Su	WJHSFH	Lucille L	Catchable	2N/3N	3	180g / 15 May	4,884	4,384	4,384	4,384	4,384
II-17	Mat-Su	WJHSFH	Matanuska L	Catchable	2N/3N	1	180g / 15 May	3,500	3,500	3,500	3,500	3,500
II-18	Mat-Su	WJHSFH	Meirs L	Catchable	2N/3N	1	180g / 15 May	2,000	2,000	2,000	2,000	2,000
II-18	Mat-Su	WJHSFH	Memory L	Catchable	2N/3N	1	180g / 15 May	2,500	2,500	2,500	2,500	2,500
II-18	Mat-Su	WJHSFH	Mile 180 L	Catchable	3N	2	180g / 15 May	1,500	1,500	1,500	1,500	1,500
II-18	Mat-Su	WJHSFH	North Knob L	Catchable	3N	2	180g / 15 May	600	600	600	600	600
II-18	Mat-Su	WJHSFH	Ravine L	Catchable	2N/3N	1	180g / 15 May	2,000	1,500	1,500	1,500	1,500
II-18	Mat-Su	WJHSFH	Reed	Catchable	2N/3N	1	180g / 15 May	1,000	1,000	1,000	1,000	1,000
II-18	Mat-Su	WJHSFH	Reflections L	Catchable	3N	2	180g / 15 May	500	500	500	500	500
II-18	Mat-Su	WJHSFH	Rocky L	Catchable	2N/3N	1	180g / 15 May	2,000	1,000	1,000	1,000	1,000
II-18	Mat-Su	WJHSFH	Slipper L	Catchable	3N	2	180g / 15 May	1,700	1,200	1,200	1,200	1,200
II-18	Mat-Su	WJHSFH	South Rolly L	Catchable	2N/3N	3	180g / 15 May	3,000	2,000	2,000	2,000	2,000
II-18	Mat-Su	WJHSFH	Tanaina L	Catchable	2N/3N	3	180g / 15 May	2,000	2,000	2,000	2,000	2,000
II-18	Mat-Su	WJHSFH	Walby L	Catchable	2N/3N	3	180g / 15 May	2,000	2,000	2,000	2,000	2,000
II-18	Mat-Su	WJHSFH	Weiner L	Catchable	3N	2	180g / 15 May	2,000	1,500	1,500	1,500	1,500
II-18	Mat-Su	WJHSFH	Willow L	Catchable	3N	2	180g / 15 May	2,000	2,000	2,000	2,000	2,000
Total:								67,864	67,864	67,864	67,864	67,864

Sport Fish 5-Year Stocking Plan

REGION II: rainbow trout Planned Releases

Table II-RT3. Planned releases of rainbow trout in Region II listed by area and release site.

Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-17	Mat-Su	WJHSFH	Barley L	Fingerling	2N/3N	2-4g / 30 Jun	3,250	3,250	3,250	3,250	3,250
II-18	Mat-Su	WJHSFH	Bear Paw L	Fingerling	2N/3N	2-4g / 30 Jun	3,250	3,250	3,250	3,250	3,250
II-18	Mat-Su	WJHSFH	Bench L	Fingerling	3N	2-4g / 30 Jun	0	500	0	500	0
II-18	Mat-Su	WJHSFH	Benka L	Fingerling	2N/3N	2-4g / 30 Jun	6,000	6,000	6,000	6,000	6,000
II-18	Mat-Su	WJHSFH	Beverly L	Fingerling	3N	2-4g / 30 Jun	5,000	5,000	5,000	5,000	5,000
II-18	Mat-Su	WJHSFH	Big Beaver L	Fingerling	3N	2-4g / 30 Jun	13,000	13,000	13,000	13,000	13,000
II-18	Mat-Su	WJHSFH	Brocker L	Fingerling	3N	2-4g / 30 Jun	3,250	3,250	3,250	3,250	3,250
II-18	Mat-Su	WJHSFH	Buck	Fingerling	3N	2-4g / 30 Jun	1,900	1,900	1,900	1,900	1,900
II-18	Mat-Su	WJHSFH	Carpenter L	Fingerling	2N/3N	2-4g / 30 Jun	13,000	12,000	13,000	12,000	13,000
II-18	Mat-Su	WJHSFH	Caswell #3 L	Fingerling	2N/3N	2-4g / 30 Jun	5,000	5,000	5,000	5,000	5,000
II-18	Mat-Su	WJHSFH	Christiansen L	Fingerling	2N/3N	2-4g / 30 Jun	8,600	8,600	8,600	8,600	8,600
II-18	Mat-Su	WJHSFH	Dawn L	Fingerling	2N/3N	2-4g / 30 Jun	2,000	2,000	2,000	2,000	2,000
II-18	Mat-Su	WJHSFH	Diamond L	Fingerling	2N/3N	2-4g / 30 Jun	13,000	13,000	13,000	13,000	13,000
II-18	Mat-Su	WJHSFH	Farmer L	Fingerling	2N/3N	2-4g / 30 Jun	1,500	1,500	1,500	1,500	1,500
II-16	Mat-Su	WJHSFH	Finger L	Fingerling	2N/3N	2-4g / 30 Jun	27,110	26,110	26,110	26,110	26,110
II-18	Mat-Su	WJHSFH	Florence L	Fingerling	2N/3N	2-4g / 30 Jun	4,400	4,400	4,400	4,400	4,400
II-18	Mat-Su	WJHSFH	Golden L	Fingerling	2N/3N	2-4g / 30 Jun	2,400	2,400	2,400	2,400	2,400
II-18	Mat-Su	WJHSFH	Goober L	Fingerling	3N	2-4g / 30 Jun	800	800	800	800	800
II-18	Mat-Su	WJHSFH	Homestead L	Fingerling	2N/3N	2-4g / 30 Jun	2,600	2,600	2,600	2,600	2,600
II-18	Mat-Su	WJHSFH	Honeybee L	Fingerling	2N/3N	2-4g / 30 Jun	5,400	5,400	5,400	5,400	5,400
II-18	Mat-Su	WJHSFH	Ida L	Fingerling	2N/3N	2-4g / 30 Jun	3,600	3,600	3,600	3,600	3,600
II-18	Mat-Su	WJHSFH	Kalmbach L	Fingerling	2N/3N	2-4g / 30 Jun	10,000	10,000	10,000	10,000	10,000
II-18	Mat-Su	WJHSFH	Kings L	Fingerling	3N	2-4g / 30 Jun	0	11,000	11,000	11,000	11,000
II-18	Mat-Su	WJHSFH	Lalen L	Fingerling	3N	2-4g / 30 Jun	6,500	6,500	6,500	6,500	6,500
II-18	Mat-Su	WJHSFH	Little Beaver L	Fingerling	3N	2-4g / 30 Jun	4,400	4,400	4,400	4,400	4,400
II-18	Mat-Su	WJHSFH	Little Lonely L	Fingerling	2N/3N	2-4g / 30 Jun	6,800	6,800	6,800	6,800	6,800
II-17	Mat-Su	WJHSFH	Long [K/B] L	Fingerling	2N/3N	2-4g / 30 Jun	7,400	4,400	4,400	4,400	4,400
II-18	Mat-Su	WJHSFH	Loon L	Fingerling	2N/3N	2-4g / 30 Jun	11,000	11,000	11,000	11,000	11,000
II-18	Mat-Su	WJHSFH	Lorraine L	Fingerling	2N/3N	2-4g / 30 Jun	11,200	11,200	11,200	11,200	11,200
II-18	Mat-Su	WJHSFH	Lynne L	Fingerling	2N/3N	2-4g / 30 Jun	6,400	6,400	6,400	6,400	6,400
II-18	Mat-Su	WJHSFH	Marion L	Fingerling	2N/3N	2-4g / 30 Jun	7,100	7,100	7,100	7,100	7,100
II-18	Mat-Su	WJHSFH	Morvro L	Fingerling	2N/3N	2-4g / 30 Jun	4,000	4,000	4,000	4,000	4,000
II-18	Mat-Su	WJHSFH	N Rolly L	Fingerling	3N	2-4g / 30 Jun	4,000	3,000	3,000	3,000	3,000

REGION II: rainbow trout Planned Releases

Sport Fish 5-Year Stocking Plan

Table II-RT3. Planned releases of rainbow trout in Region II listed by area and release site.

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Fishery Plan	Area	Hatchery	Release Site	Lifestage	Ploidy	Lake Category	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected
II-18	Mat-Su	WJHSFH	North Friend L	Fingerling	3N	2	2-4g / 30 Jun	4,200	4,200	4,200	4,200	4,200
II-18	Mat-Su	WJHSFH	Peggy L	Fingerling	2N/3N	1	2-4g / 30 Jun	3,200	3,200	3,200	3,200	3,200
II-18	Mat-Su	WJHSFH	Rhein L	Fingerling	3N	2	2-4g / 30 Jun	7,100	7,100	7,100	7,100	7,100
II-18	Mat-Su	WJHSFH	Ruby L	Fingerling	3N	2	2-4g / 30 Jun	2,000	2,000	2,000	2,000	2,000
II-18	Mat-Su	WJHSFH	Seventeenmile L	Fingerling	2N/3N	1	2-4g / 30 Jun	10,400	10,400	10,400	10,400	10,400
II-18	Mat-Su	WJHSFH	Seymour L	Fingerling	2N/3N	3	2-4g / 30 Jun	25,300	22,300	22,300	22,300	22,300
II-18	Mat-Su	WJHSFH	South Friend L	Fingerling	3N	2	2-4g / 30 Jun	6,400	6,400	6,400	6,400	6,400
II-18	Mat-Su	WJHSFH	Tigger L	Fingerling	2N/3N	1	2-4g / 30 Jun	2,500	2,500	2,500	2,500	2,500
II-18	Mat-Su	WJHSFH	Twin Island L	Fingerling	3N	2	2-4g / 30 Jun	4,800	4,800	4,800	4,800	4,800
II-17	Mat-Su	WJHSFH	Vera L	Fingerling	3N	2	2-4g / 30 Jun	7,200	7,200	7,200	7,200	7,200
II-18	Mat-Su	WJHSFH	Visnaw L	Fingerling	3N	2	2-4g / 30 Jun	12,000	11,000	11,000	11,000	11,000
II-18	Mat-Su	WJHSFH	West Beaver L	Fingerling	3N	2	2-4g / 30 Jun	7,000	7,000	7,000	7,000	7,000
II-18	Mat-Su	WJHSFH	West Sunshine L	Fingerling	3N	2	2-4g / 30 Jun	3,500	3,500	3,500	3,500	3,500
II-18	Mat-Su	WJHSFH	Wishbone L	Fingerling	3N	2	2-4g / 30 Jun	0	1,500	0	1,500	0
II-18	Mat-Su	WJHSFH	Wolf L	Fingerling	2N/3N	3	2-4g / 30 Jun	6,000	6,000	6,000	6,000	6,000
II-18	Mat-Su	WJHSFH	X L	Fingerling	2N/3N	1	2-4g / 30 Jun	6,000	5,000	5,000	5,000	5,000
II-18	Mat-Su	WJHSFH	Y L	Fingerling	2N/3N	1	2-4g / 30 Jun	5,000	4,000	4,000	4,000	4,000
II-18	Mat-Su	WJHSFH	Zero L	Fingerling	3N	2	2-4g / 30 Jun	4,000	4,000	4,000	4,000	4,000
Total:								320,460	321,460	320,460	321,460	320,460
II-19	PWS	WJHSFH	Blueberry L	Catchable	3N	5	180g / 31 May	300	300	300	300	300
II-19	PWS	WJHSFH	Blueberry L	Catchable	3N	5	180g / 30 Jun	300	300	300	300	300
II-19	PWS	WJHSFH	Ruth L	Catchable	3N	1	180g / 31 May	500	500	500	500	500
II-19	PWS	WJHSFH	Ruth L	Catchable	3N	1	180g / 30 Jun	500	500	500	500	500
II-19	PWS	WJHSFH	Thompson L	Catchable	3N	5	180g / 31 May	300	300	300	300	300
II-19	PWS	WJHSFH	Thompson L	Catchable	3N	5	180g / 30 Jun	300	300	300	300	300
Total:								2,200	2,200	2,200	2,200	2,200
II-20	Res Bay	WJHSFH	First L	Catchable	3N	3	180g / 04 Jul	500	500	500	500	500
II-20	Res Bay	WJHSFH	First L	Catchable	3N	3	180g / 15 May	500	500	500	500	500
Total:								1,000	1,000	1,000	1,000	1,000

REGION II: rainbow trout Planned Releases**Sport Fish 5-Year Stocking Plan**

Table II-RT3. Planned releases of rainbow trout in Region II listed by area and release site.

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Fishery Plan Area	Hatchery	Release Site	Lifestage	Ploidy Category	Lake	Target Release Size/Date	2020 Projected	2021 Projected	2022 Projected	2023 Projected	2024 Projected	
Total rainbow trout							808,764	810,264	808,764	810,264	808,764	808,764

Notes:

(a) If available