


LOWER SNAKERIVER COMPENSATION PLAN
Fawhory Pompan

## Project Progress Report

Report Period September 1, 1997 to April 30, 1998


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# EVALUATION OF IDAHO STEELHEAD HARVEST FOR LOWER SNAKE RIVER COMPENSATION PLAN HATCHERY PROGRAMS 

September 1, 1997 to April 30, 1998 Annual Report

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#### Abstract

Steelhead Oncorhynchus mykiss fisheries in Idaho are monitored to assess hatchery contribution, distribution, and return rates. Coded-wire tags (CWT) are retrieved from fish harvested by anglers, and harvest rates are calculated by month and river section.

During the fall 1997 and spring 1998 steelhead seasons, 19,943 anglers were interviewed and 3,285 adult fish were examined, which was $8.9 \%$ of the total harvest. Through creel efforts, we retrieved 575 CWT from 81 of the 140 steelhead mark groups released in Idaho. We retrieved 63 of the 97 steelhead mark groups produced by the Lower Snake River Compensation Plan (LSRCP), or 65\% of the total LSRCP groups released. We recovered an additional 15 CWT groups from releases from Oregon and Washington.

The total estimated harvest for the 1997-98 season was 36,782 hatchery steelhead, of which an estimated 9,845 (26.8\%) were produced by the LSRCP. An additional 3,918 LSRCPreared fish returned to hatchery racks or to off-site release locations. Therefore, we accounted for 13,763 adult steelhead from the LSRCP program, $71.5 \%$ of which were harvested.


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## INTRODUCTION

Steelhead Oncorhynchus mykiss and chinook salmon O. tshawytscha are raised in Idaho hatcheries to mitigate for losses caused by the construction of hydroelectric dams. Adults returning to the Salmon River and Clearwater River basins commingle with each other and with wild stocks. In the Snake River, fish destined for Idaho also commingle with adults returning to Oregon and Washington streams.

The main purpose of this report is to show the composition of steelhead in the Idaho fishery and to estimate the adult harvest contribution from juveniles produced in Lower Snake River Compensation Plan (LSRCP) hatcheries. The LSRCP mitigates for four federal dams on the lower Snake River. Contribution to the Idaho fishery is one of the measures of performance of LSRCP fish.

Steelhead are also cultured by Idaho Power Company (IPC) and the U.S. Fish and Wildlife Service (USFWS). Idaho Power Company fish are released into the Salmon River and Snake River drainages, and USFWS fish are released into the Salmon River and Clearwater River drainages. A summary and discussion of the harvest contribution of these fish is not included in this report. However, harvest data for IPC and USFWS is incorporated into Appendix A tables by coded-wire tag (CWT) release group. Idaho Power Company and USFWS release groups are also identified by their rearing hatchery, Niagara Springs Fish Hatchery and Dworshak National Fish Hatchery, respectively, in Appendix B and Appendix C. Coded-wire tag fish from IPC and USFWS programs provided the basis for in-river return estimates in some instances.

Currently, wild stocks are below escapement goals, and protection is necessary to perpetuate those fish. Harvest management of steelhead in Idaho is directed toward harvest of hatchery fish and protection of wild (unmarked) fish. Beginning in 1984, all hatchery-produced steelhead smolts released into Idaho rivers and streams had their adipose fins excised before release so that returning adults could be selectively harvested. Regulations stated that "only steelhead with a missing adipose fin (as evidenced by a healed scar) may be kept." Consequently, the harvest of any wild (unmarked) steelhead was illegal. Table 1 lists the fall and spring steelhead fishing season dates, bag limits, and special restrictions in effect for Idaho during 1997-1998.

Representative groups of steelhead were marked with CWT prior to release as juveniles. Anglers were interviewed and fish snouts were retrieved in all major harvest areas to recover CWT from the fishery. Information was collected and used to estimate timing, straying, exploitation, harvest distribution, and relative abundance of hatchery stocks. Total harvested numbers were estimated by statewide harvest survey, and the harvest contribution for each hatchery program was derived from tag recoveries. Off-site smolt releases were used as a tool for distributing angler effort and harvest. This report documents some of the behavior and distribution of the returning fish.

In recent years, harvest opportunity for spring chinook and summer chinook salmon has been limited to hatchery stocks. Harvest is allowed only when returning adult numbers exceed hatchery escapement needs. During spring and summer 1998, chinook salmon seasons were held on the mainstem Clearwater River, North Fork Clearwater River, and the Little Salmon River. Harvest information regarding chinook fisheries was summarized in separate publications
(Barrett 2000; Janssen and Kiefer 1998), so this report pertains only to the harvest of LSRCPproduced steelhead in the Clearwater River, Snake River, and Salmon River basins.

Table 1. Steelhead season dates, bag limits, and special restrictions for the Clearwater River drainage, Salmon River drainage, and Snake River, 1997-98.

| River (and Sections) | Fall Season Dates | Bag Limits ${ }^{\text {a }}$ |
| :---: | :---: | :---: |
| Snake River (01) | Sep 1-Dec 31 | 2, 4, 10 |
| Clearwater River ( $03{ }^{\text {c }}$, 04) | Oct 15-Dec 31 | 2, 4, 10 |
| North Fork Clearwater River (05) | Oct 15-Dec 31 | 2, 4, 10 |
| South Fork Clearwater River (07) | Oct 15-Dec 31 | 2, 4, 10 |
| Salmon River (10-19) | Sep 1-Dec 31 | 2, 4, 10 |
| Little Salmon River (20) | Sep 1-Dec 31 | 2, 4, 10 |
| River (and Sections) | Spring Season Dates | Bag Limits ${ }^{\text {a }}$ |
| Snake River (01) | Jan 1-Apr 30 | 2, 4, 10 |
| Clearwater River (03, 04) | Jan 1-Apr 30 | 2, 4, 10 |
| North Fork Clearwater River (05) | Jan 1-Apr 30 | 2, 4, 10 |
| South Fork Clearwater River (07) | Jan 1-Apr 30 | 2, 4, 10 |
| Salmon River (10-14) | Jan 1-Mar 31 | 2, 4, 10 |
| Salmon River (15-19) | Jan 1-Apr 30 | 2, 4, 10 |
| Little Salmon River (20) | Jan 1-Apr 30 | 2, 4, 10 |

${ }^{\text {a }}$ Fall season dates are for catch and keep fishing. Catch and release fishing is open from August 1, 1997 in any water open for fishing for other species except in the Middle Fork Salmon River and South Fork Salmon River. See footnote c for river section exception regarding season dates.
${ }^{\text {b }}$ Bag limits denote daily, possession, and season totals.
${ }^{\text {c }}$ Catch and keep fishing open from September 1-December 31, 1997 on downriver portion of Section 03 from mouth to Memorial Bridge of Highway 12 at Lewiston.

## OBJECTIVES

1. Identify the number and proportion of steelhead harvested in the Idaho sport fishery that are produced by LSRCP hatcheries.
2. Determine adult returns of LSRCP steelhead to Idaho hatcheries and off-site release areas by release group.

## DESCRIPTION OF STUDY AREA

Juvenile steelhead are released into the Salmon River drainage and Clearwater River drainage by the LSRCP program. Consequently, Idaho's harvest of LSRCP produced steelhead primarily occurs in the Snake River, the Clearwater River, and the Salmon River. While additional harvest of LSRCP-produced steelhead occasionally occurs in other locations, such as the Boise River and Hells Canyon Reservoir, the majority of Idaho's steelhead harvest occurs within the central portion of the state (Figure 1; Table 2).


Figure 1. Map of steelhead harvest areas surveyed for the LSRCP program by IDFG.

Table 2. River location codes for steelhead fisheries surveyed for the LSRCP program in Idaho.

| River Section | Location Code |
| :--- | :---: |
| Snake River, below Salmon River | 01 |
| Clearwater River, below Orofino Bridge | 03 |
| Clearwater River, above Orofino Bridge | 04 |
| North Fork Clearwater River | 05 |
| South Fork Clearwater River | 07 |
| Salmon River, below Whitebird Creek | 10 |
| Salmon River, Whitebird Creek to Little Salmon | 11 |
| Salmon River, Little Salmon to Vinegar Creek | 12 |
| Salmon River, Vinegar Creek to South Fork | 13 |
| Salmon River, South Fork to Middle Fork | 14 |
| Salmon River, Middle Fork to North Fork | 15 |
| Salmon River, North Fork to Lemhi River | 16 |
| Salmon River, Lemhi River to Pahsimeroi River | 17 |
| Salmon River, Pahsimeroi River to East Fork | 18 |
| Salmon River, above East Fork | 19 |
| Little Salmon River | 20 |

## METHODS

## Creel Survey

Angler interviews were conducted at check stations, from jet boats, and from roving vehicles. Angler interview schedules and intensity were designed to observe maximum numbers of harvested fish. A jet boat was typically used to census anglers on the Clearwater River during the fall and winter months. However, boat density renders boat census methods impractical in the spring, so creel checks were conducted at boat ramps. We used check stations and roving techniques to census anglers fishing in the lower and upper Salmon River portions of the project. We used jet boat and boat ramp surveys to census anglers on the Snake River.

Data collected during creel surveys includes the number of anglers and hours fished, the number of fish kept or released, wild or hatchery origin of fish kept and released, fork length and sex of fish kept, and the date and river sections where fish were caught. Fish were inspected for tags and fin clips. The snout was removed for CWT retrieval from all fish with an abnormality of the left ventral fin or when use of a portable CWT hand wand detector signaled the presence of a CWT. Snouts were not excised from CWT fish when anglers desired to keep their fish intact.

Water conditions during the fall season are usually conducive to harvest, and the interview schedule can be followed. However, during the spring season, high, turbid flows can reduce harvest to near zero. Anglers were not interviewed during periods of very low harvest.

## Interview Schedule

Lower Snake River (01)—by jet boat with Washington Department of Fish and Wildlife personnel and at boat ramps on alternating weekends for eight weekends during the fall season.

Lower Clearwater and North Fork Clearwater River (03 and 05)—by roving vehicle for three weekends and by jet boat two days each week for nine weeks in the fall and 13 weeks in the spring season. Interviews were conducted from boat ramps for the last six weeks of the spring season.

Upper Clearwater (including the Middle Fork) and South Fork Clearwater River (04 and 07)—by roving vehicle on both rivers for 11 weekends in the spring.

## SALMON RIVER

Section 10-by roving vehicle for seven weekends in the fall and one week during the spring season (upper roaded portion only).

Section 11-by roving vehicle for eight weekends in the fall and six weeks in the spring.
Sections 12 and 13-by a check station at the old lumber mill site near Riggins for seven weekends in the fall and five weekends in the spring.

Sections 14 and 15-by a check station near North Fork for seven weekends in the fall and five weekends in the spring.

Section 16-by roving vehicle for seven weekends in the fall and seven weekends in the spring.

Section 17-by roving vehicle for six weekends during the fall in the bottom one-quarter of the section and three weekends in the spring.

Sections 17 and 18-by a check station near Challis for four weekends in the spring.
Section 18-by roving vehicle for five weekends in the spring.
Section 19-by roving vehicle for five weekends in the spring.
Section 20-by roving vehicle for eight weekends in the fall and 11 weekends in the spring.

## Data Analysis

Monthly harvest estimates by river section were obtained from a statewide telephone survey (Appendix D). We calculated the number of fish checked for marks from each river section divided by the statewide harvest estimate, then estimated the sampling rate by river section each month. Fish that were not seen by creel clerks during angler interviews were not included in sample rate calculations. The harvest of hatchery fish by CWT code was calculated as the number of tags recovered divided by the monthly sampling rate (Appendix A). We estimated harvest of unmarked release groups by using harvest rates from marked companion release groups. Total returns were the sum of harvest and hatchery returns by release group. We defined the exploitation rate as the harvest estimate divided by the total return of fish. No
attempt was made to estimate the number of fish that spawned naturally or died prior to spawning.

## Stock Separation

We categorized steelhead as either A-strain ( $<77.5 \mathrm{~cm} \mathrm{FL}$ ) or B-strain ( $\geq 77.5 \mathrm{~cm} \mathrm{FL}$ ) for dam count purposes (Ball and White 2001). The data was adjusted for size overlap between the two groups after it was separated by category. For a more detailed discussion regarding dam counts and overlap adjustments, see Ball and White (2001).

Oregon Department of Fish and Wildlife (ODFW) personnel trap steelhead at the Bonneville Dam fish ladder. They measure fork length, record the presence or absence of an adipose fin, and take scales from the fish samples. The ODFW then supplies Idaho Department of Fish and Game (IDFG) with copies of the data, including scale readings (Appendix E).

National Marine Fisheries Service (NMFS) personnel sample steelhead at Lower Granite Dam each week through the steelhead run. The NMFS supplies IDFG with the numbers of fish in each of four categories: wild steelhead $<77.5 \mathrm{~cm} \mathrm{FL}$, hatchery steelhead $<77.5 \mathrm{~cm} \mathrm{FL}$, wild steelhead $\geq 77.5 \mathrm{~cm}$ FL, and hatchery steelhead $\geq 77.5 \mathrm{~cm}$ FL (Appendix F).

We categorized fish into four length groups based on fishery type, strain, age, and sex for harvest purposes. We developed the following categories where mixed stock fisheries of $A$ and B fish occur, such as in the Salmon River and Snake River: A-strain 1-ocean males are $<68 \mathrm{~cm}$ FL; A-strain 2-ocean males are $\geq 68 \mathrm{~cm}$ FL; A-strain 1-ocean females are $<66 \mathrm{~cm}$ FL; and A-strain 2-ocean females are $\geq 66 \mathrm{~cm}$ FL. Likewise, B-strain 2-ocean and 3-ocean males are $\geq 79 \mathrm{~cm}$ FL, and B-strain 2-ocean and 3-ocean females are $\geq 75 \mathrm{~cm}$ FL. Currently, we are unable to separate B-strain 1-ocean fish from A-strain 2-ocean fish based on length frequencies where mixed stock fisheries occur.

Where fishery stocks are separate, such as in the Clearwater River drainage, we developed the following categories: B-strain 1 -ocean males are $<74 \mathrm{~cm}$ FL, and B-strain 2 -ocean and 3-ocean males are $\geq 74 \mathrm{~cm}$ FL. Likewise, B-strain 1-ocean females are $<67 \mathrm{~cm}$ FL, and B-strain 2-ocean and 3-ocean females are $\geq 67 \mathrm{~cm}$ FL.

## RESULTS

## Creel Survey

We interviewed 19,943 anglers that had harvested 3,636 hatchery fish and released 1,803 and 743 hatchery and wild fish, respectively, during the fall 1997 and spring 1998 seasons (Tables 3-17). We physically examined 3,285 hatchery fish for marks, which represented $8.9 \%$ of the total steelhead harvest of 36,782 fish for river sections creeled for the LSRCP (Table 18).

We removed 623 snouts for CWT retrieval from fish with clipped left ventral fins or from fish that triggered positive detection signals using a portable CWT wand detector. We recovered 575 CWT from 96 different mark groups from sampled snouts. The overall proportion of tags recovered from the number of fish checked for marks was $17.5 \%$. The number of tags
recovered, the estimated harvest of tag code groups by month and river section, and the total estimated harvest of tag code groups for the fall and spring seasons are listed in Appendix A. Of the 96 mark groups that yielded CWT in the fishery, 81 were from releases in Idaho (Appendices A, B, and C). The other 15 mark groups were recovered from six Oregon and nine Washington releases (Appendices A and G). One Oregon tag group was from a release in the Imnaha River, and five were from releases in the Wallowa River. The nine Washington tag groups were from two releases in the Touchet River, four in the Tucannon River, and three in the Lower Snake River. Fish from five additional CWT groups, 10/20/25, 10/30/53, 10/47/09, 10/47/27, and 10/47/29, were recovered at hatchery racks only; no tags from these five wire groups were recovered from the fishery.

Table 3. Steelhead fishery interview data (unexpanded) from lower Snake River (01), October-December 1997.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| October | 391 | 1,410 | 81 | 0 | 31 | 17 | 129 | 11 | 87 |
| November | 445 | 1,431 | 57 | 0 | 7 | 13 | 77 | 19 | 83 |
| December | 137 | 348 | 31 | 0 | 2 | 3 | 36 | 10 | 92 |
| Total | 973 | 3,189 | 169 | 0 | 40 | 33 | 242 |  |  |
| Average |  |  |  |  |  |  |  | 13 | 86 |

Table 4. Steelhead fishery interview data (unexpanded) from lower Clearwater River (03) and North Fork Clearwater River (05), October 1997-March 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| October | 1,048 | 4,177 | 181 | 0 | 64 | 58 | 303 | 14 | 81 |
| November | 2,018 | 7,302 | 236 | 1 | 25 | 51 | 313 | 23 | 83 |
| December | 782 | 2,382 | 80 | 0 | 6 | 28 | 114 | 21 | 75 |
| Fall Total | 3,848 | 13,861 | 497 | 1 | 95 | 137 | 730 |  |  |
| Average |  |  |  |  |  |  |  | 19 | 81 |
| January | 556 | 1,794 | 45 | 0 | 14 | 9 | 68 | 26 | 87 |
| February | 688 | 2,916 | 84 | 0 | 37 | 9 | 130 | 22 | 93 |
| March | 564 | 2,000 | 52 | 0 | 18 | 10 | 80 | 25 | 88 |
| Spring total | 1,808 | 6,710 | 181 | 0 | 69 | 28 | 278 |  |  |
| Average |  |  |  |  |  |  |  | 24 | 90 |
| Total | 5,656 | 20,571 | 678 | 1 | 164 | 165 | 1,008 |  |  |
| Average |  |  |  |  |  |  |  | 20 | 84 |

Table 5. Steelhead fishery interview data (unexpanded) from upper Clearwater River and Middle Fork Clearwater River (04), February-April 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| February | 64 | 184 | 2 | 0 | 4 | 5 | 11 | 17 | 55 |
| March | 181 | 663 | 11 | 0 | 9 | 2 | 22 | 30 | 91 |
| April | 9 | 27 | 0 | 0 | 0 | 0 | 0 | - | - |
| Total | 254 | 874 | 13 | 0 | 13 | 7 | 33 |  |  |
| Average |  |  |  |  |  |  |  | 27 | 79 |

Table 6. Steelhead fishery interview data (unexpanded) from South Fork Clearwater River (07), February-April 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| February | 18 | 35 | 1 | 0 | 2 | 0 | 3 | 12 | 33 |
| March | 218 | 693 | 32 | 0 | 12 | 2 | 46 | 15 | 96 |
| April | 101 | 297 | 8 | 0 | 11 | 0 | 19 | 16 | 100 |
| Total | 337 | 1,025 | 41 | 0 | 25 | 2 | 68 |  |  |
| Average |  |  |  |  |  |  |  | 15 | 97 |

Table 7. Steelhead fishery interview data (unexpanded) from Salmon River Section 10, October 1997-February 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| October | 58 | 188 | 4 | 0 | 0 | 0 | 4 | 47 | 100 |
| November | 22 | 67 | 4 | 0 | 0 | 0 | 4 | 17 | 100 |
| Fall total | 80 | 255 | 8 | 0 | 0 | 0 | 8 |  |  |
| Average |  |  |  |  |  |  |  | 32 | 100 |
| February | 16 | 35 | 0 | 0 | 0 | 0 | 0 | - | - |
| Spring Total Average | 16 | 35 | 0 | 0 | 0 | 0 | 0 | - |  |
| Total <br> Average | 96 | 290 | 8 | 0 | 0 | 0 | 8 | 36 | 100 |

Table 8. Steelhead fishery interview data (unexpanded) from Salmon River Section 11, October 1997-March 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| October | 241 | 872 | 34 | 0 | 9 | 10 | 53 | 16 | 81 |
| November | 237 | 935 | 35 | 0 | 6 | 5 | 46 | 20 | 89 |
| Fall total | 478 | 1,807 | 69 | 0 | 15 | 15 | 99 |  |  |
| Average |  |  |  |  |  |  |  | 18 | 85 |
| February | 115 | 379 | 15 | 0 | 11 | 0 | 26 | 16 | 100 |
| March | 258 | 887 | 23 | 0 | 13 | 9 | 45 | 20 | 80 |
| Spring Total | 373 | 1,266 | 38 | 0 | 24 | 9 | 71 |  |  |
| Average |  |  |  |  |  |  |  | 18 | 87 |
| Total | 851 | 3,073 | 107 | 0 | 39 | 24 | 170 |  |  |
| Average |  |  |  |  |  |  |  | 18 | 86 |

Table 9. Steelhead fishery interview data (unexpanded) from Salmon River Section 12, October 1997-March 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| October | 656 | 2,863 | 143 | 0 | 41 | 30 | 214 | 13 | 86 |
| November | 919 | 4,260 | 157 | 0 | 47 | 31 | 235 | 18 | 87 |
| Fall total | 1,575 | 7,123 | 300 | 0 | 88 | 61 | 449 |  |  |
| Average |  |  |  |  |  |  |  | 16 | 86 |
| February | 420 | 1,678 | 56 | 0 | 13 | 10 | 79 | 21 | 87 |
| March | 750 | 3,092 | 94 | 0 | 75 | 31 | 200 | 16 | 85 |
| Spring Total | 1,170 | 4,770 | 150 | 0 | 88 | 41 | 279 |  |  |
| Average |  |  |  |  |  |  |  | 17 | 85 |
| Total | 2,745 | 11,893 | 450 | 0 | 176 | 102 | 728 |  |  |
| Average |  |  |  |  |  |  |  | 16 | 86 |

Table 10. Steelhead fishery interview data (unexpanded) from Salmon River Section 13, October 1997-March 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| October | 86 | 358 | 19 | 0 | 5 | 14 | 38 | 9 | 63 |
| November | 87 | 340 | 28 | 0 | 0 | 7 | 35 | 10 | 80 |
| Fall total | 173 | 698 | 47 | 0 | 5 | 21 | 73 |  |  |
| Average | 10 | 71 |  |  |  |  |  |  |  |
| February | 4 | 10 | 4 | 0 | 0 | 0 | 4 | 3 | 100 |
| March | 67 | 265 | 20 | 0 | 12 | 10 | 42 | 6 | 76 |
| Spring Total | 71 | 275 | 24 | 0 | 12 | 10 | 46 |  |  |
| Average |  |  |  |  |  |  |  | 6 | 78 |
| Total | 244 | 973 | 71 | 0 | 17 | 31 | 119 |  |  |
| Average |  |  |  |  |  |  |  | 8 | 74 |

Table 11. Steelhead fishery interview data (unexpanded) from Salmon River Section 14, October 1997-March 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| October | 228 | 3,216 | 37 | 0 | 25 | 40 | 102 | 32 | 61 |
| November | 264 | 4,586 | 126 | 0 | 44 | 48 | 218 | 21 | 78 |
| Fall total | 492 | 7,802 | 163 | 0 | 69 | 88 | 320 |  |  |
| Average |  |  |  |  |  |  |  | 24 | 73 |
| February | 18 | 232 | 6 | 0 | 9 | 4 | 19 | 12 | 79 |
| March | 270 | 3,451 | 106 | 0 | 64 | 23 | 193 | 18 | 88 |
| Spring Total | 288 | 3,683 | 112 | 0 | 73 | 27 | 212 |  |  |
| Average |  |  |  |  |  |  |  | 17 | 87 |
| Total | 780 | 11,485 | 275 | 0 | 142 | 115 | 532 |  |  |
| Average |  |  |  |  |  |  |  | 22 | 78 |

Table 12. Steelhead fishery interview data (unexpanded) from Salmon River Section 15, October 1997-April 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| October | 653 | 7,601 | 169 | 0 | 36 | 40 | 245 | 31 | 84 |
| November | 941 | 10,718 | 277 | 0 | 122 | 44 | 443 | 24 | 90 |
| Fall total | 1,594 | 18,319 | 446 | 0 | 158 | 84 | 688 |  |  |
| Average | 27 | 88 |  |  |  |  |  |  |  |
| February | 135 | 950 | 37 | 0 | 24 | 5 | 66 | 14 | 92 |
| March | 1,515 | 17,319 | 487 | 0 | 381 | 58 | 926 | 19 | 94 |
| April | 46 | 420 | 18 | 0 | 14 | 1 | 33 | 13 | 97 |
| Spring Total | 1,696 | 18,689 | 542 | 0 | 419 | 64 | 1,025 |  |  |
| Average |  |  |  |  |  |  |  | 18 | 94 |
| Total | 3,290 | 37,008 | 988 | 0 | 577 | 148 | 1,713 |  |  |
| Average |  |  |  |  |  |  |  | 22 | 91 |

Table 13. Steelhead fishery interview data (unexpanded) from Salmon River Section 16, October 1997-April 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| October | 164 | 682 | 28 | 0 | 8 | 7 | 43 | 16 | 84 |
| November | 347 | 1,379 | 39 | 0 | 13 | 8 | 60 | 23 | 87 |
| Fall total | 511 | 2,061 | 67 | 0 | 21 | 15 | 103 |  |  |
| Average |  |  |  |  |  |  |  | 20 | 85 |
| February | 96 | 356 | 9 | 0 | 1 | 1 | 11 | 32 | 91 |
| March | 524 | 1,969 | 74 | 0 | 22 | 7 | 103 | 19 | 93 |
| April | 72 | 484 | 19 | 0 | 2 | 2 | 23 | 21 | 91 |
| Spring Total | 692 | 2,809 | 102 | 0 | 25 | 10 | 137 |  |  |
| Average |  |  |  |  |  |  |  | 21 | 93 |
| Total | 1,203 | 4,870 | 169 | 0 | 46 | 25 | 240 |  |  |
| Average |  |  |  |  |  |  |  | 20 | 90 |

Table 14. Steelhead fishery interview data (unexpanded) from Salmon River Section 17, October 1997-April 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| October | 3 | 15 | 0 | 0 | 0 | 0 | 0 | - | - |
| November | 34 | 142 | 0 | 0 | 0 | 0 | 0 | - | - |
| Fall total | 37 | 157 | 0 | 0 | 0 | 0 | 0 |  |  |
| Average |  |  |  |  |  |  |  | - | - |
| February | 4 | 4 | 1 | 0 | 0 | 0 | , | 4 | 100 |
| March | 547 | 3,577 | 92 | 0 | 24 | 11 | 127 | 28 | 91 |
| April | 420 | 4,547 | 166 | 0 | 127 | 13 | 306 | 15 | 96 |
| Spring Total | 971 | 8,128 | 259 | 0 | 151 | 24 | 434 |  |  |
| Average |  |  |  |  |  |  |  | 19 | 95 |
| Total | 1,008 | 8,285 | 259 | 0 | 151 | 24 | 434 |  |  |
| Average |  |  |  |  |  |  |  | 19 | 95 |

Table 15. Steelhead fishery interview data (unexpanded) from Salmon River Section 18, March-April 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| March | 169 | 886 | 15 | 0 | 6 | 0 | 21 | 42 | 100 |
| April | 517 | 2,993 | 72 | 0 | 201 | 17 | 290 | 10 | 94 |
| Total | 686 | 3,879 | 87 | 0 | 207 | 17 | 311 |  |  |
| Average |  |  |  |  |  |  |  | 13 | 95 |

Table 16. Steelhead fishery interview data (unexpanded) from Salmon River Section 19, March-April 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| March | 58 | 189 | 8 | 0 | 16 | 0 | 24 | 8 | 100 |
| April | 578 | 2,603 | 80 | 0 | 90 | 18 | 188 | 14 | 90 |
| Total | 636 | 2,792 | 88 | 0 | 106 | 18 | 212 |  |  |
| Average |  |  |  |  |  |  |  | 13 | 92 |

Table 17. Steelhead fishery interview data (unexpanded) from Little Salmon River Section 20, October 1997-April 1998.

| Months | No. Anglers | Total Hours Fished | Steelhead Kept |  | Steelhead Released |  | Total | Hours/ Fish | Percent Hatchery |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Hatchery | Wild | Hatchery | Wild |  |  |  |
| October | 25 | 75 | 12 | 0 | 4 | 2 | 18 | 4 | 89 |
| November | 92 | 241 | 15 | 0 | 7 | 3 | 25 | 10 | 88 |
| Fall total | 117 | 316 | 27 | 0 | 11 | 5 | 43 |  |  |
| Average |  |  |  |  |  |  |  | 7 | 88 |
| February | 80 | 293 | 4 | 0 | 4 | 0 | 8 | 37 | 100 |
| March | 343 | 1,145 | 46 | 0 | 16 | 8 | 70 | 16 | 89 |
| April | 644 | 2,308 | 156 | 0 | 69 | 19 | 244 | 10 | 92 |
| Spring Total | 1,067 | 3,746 | 206 | 0 | 89 | 27 | 322 |  |  |
| Average |  |  |  |  |  |  |  | 12 | 92 |
| Total | 1,184 | 4,062 | 233 | 0 | 100 | 32 | 365 |  |  |
| Average |  |  |  |  |  |  |  | 11 | 91 |

Table 18. Proportion of estimated steelhead harvest by river section that was examined for marks, 1997-98.
$\left.\begin{array}{ccccc}\hline \begin{array}{c}\text { River } \\ \text { Section }\end{array} & \begin{array}{c}\text { No. Fish } \\ \text { Checked }\end{array} & & \begin{array}{c}\text { Estimated }^{\text {Harvest }}{ }^{\text {a }}\end{array} & \end{array} \begin{array}{c}\text { Sample } \\ \text { Rate }(\%)\end{array}\right]$.
${ }^{\text {a }}$ Statewide steelhead harvest survey data from Thomas J. McArthur, IDFG, (unpublished).

## Adult Returns To Idaho

We estimated that at least 12,509 A-strain and 1,254 B-strain steelhead reared by LSRCP hatcheries returned to Idaho during 1997-98 (Table 19). Adult returns from the LSRCP program, verified by CWT recoveries, were from releases into the Salmon River and Clearwater River drainages. However, CWT from LSRCP releases were also recovered from the fishery in
the Snake River bordering Idaho and Oregon-Washington. The CWT recoveries form the basis of estimating adult returns from the LSRCP program in Idaho. The estimated return of adult steelhead to Idaho during 1997-98 from the LSRCP program was 13,763 fish (Table 19). The return estimate was comprised of harvest by Idaho anglers, hatchery returns, and off-site escapement estimates, which are included with the hatchery return data. The LSRCP contribution to Idaho's hatchery steelhead harvest was 9,845 during 1997-1998. This number does not include an estimated 339 LSRCP-reared fish from Oregon harvested by Idaho anglers (Appendices A and G). Additionally, Oregon and Washington sport anglers and tribal fisheries caught LSRCP-reared fish released in Idaho in the Columbia and Snake River corridors as well as in the ocean during 1997-98. We queried the Pacific States Marine Fisheries Commission (PSMFC) CWT database to determine tag recoveries of these LSRCP fish in harvest areas outside Idaho. As of May 15, 2001, 49 CWT fish from LSRCP-reared hatcheries in Idaho were reported caught from fisheries in the lower Columbia River and its tributaries, in the ocean, and in the Zone 6 tribal fishery (Appendix H). The 49 CWT recoveries represent only those tag groups expected to return as adults during 1997-98. Harvest of LSRCP-reared fish from Idaho that occurred downstream of Snake River section 01 was reported by Washington (Martin et al. 2000) and was not included in this report.

Table 19. Summary of 1997-98 harvest estimates and hatchery returns of steelhead produced by LSRCP hatcheries.

| Release Year | Strain and Ocean Age | No. of Fish Released | Release Site | Hatchery <br> Rearing | Marks | Estimated Number of Fish |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Harvest | Hatchery | Total |
| 1996 | A-I | 21,941 | Sawtooth Hatchery | $\mathrm{HNFH}^{\text {b }}$ | CWT 10/45/23 | 26 | 21 | 47 |
| 1996 | A-I | 21,491 | Sawtooth Hatchery | HNFH | CWT 10/45/24 | 40 | 17 | 57 |
| 1996 | A-I | 21,420 | Sawtooth Hatchery | HNFH | CWT 10/45/25 ${ }^{\text {c }}$ | 13 | 18 | 31 |
| 1996 | A-I | 22,036 | Sawtooth Hatchery | HNFH | CWT 10/45/29 | 70 | 17 | 87 |
| 1996 | A-I | 21,716 | Sawtooth Hatchery | HNFH | CWT 10/45/30 | 32 | 12 | 44 |
| 1996 | A-I | 21,305 | Sawtooth Hatchery | HNFH | CWT 10/45/31 | 57 | 16 | 73 |
| 1996 | A-I | 21,682 | Sawtooth Hatchery | HNFH | CWT 10/45/32 | 73 | 10 | 83 |
| 1996 | A-I | 22,297 | Sawtooth Hatchery | HNFH | CWT 10/45/33 | 34 | 10 | 44 |
| 1996 | A-I | 20,379 | Sawtooth Hatchery | HNFH | CWT 10/45/34 ${ }^{\text {c }}$ | 16 | 4 | 20 |
| 1996 | A-I | 513,842 | Sawtooth Hatchery | HNFH | None | 1,244 | 437 | 1,681 |
| 1996 | A-I | 21,185 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/26 | 48 | 13 | 61 |
| 1996 | A-I | 21,558 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/27 | 88 | 23 | 111 |
| 1996 | A-I | 21,298 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/28 ${ }^{\text {C }}$ | 20 | 5 | 25 |
| 1996 | A-I | 1,981 | Salmon R. @ Torreys Hole | HNFH | None | 5 | 1 | 6 |
| 1996 | A-I | 61,552 | Salmon R. @ McNabbs Point | MVFH ${ }^{\text {d }}$ | CWT 10/35/11 ${ }^{\text {c }}$ | 214 | 79 | 293 |
| 1996 | A-I | 140,416 | Salmon R. @ McNabbs Point | MVFH | None | 488 | 180 | 668 |
| 1996 | A-I | 62,686 | Salmon R. @ Bruno's Bridge | MVFH | CWT 10/35/13 ${ }^{\text {C }}$ | 127 | 47 | 174 |
| 1996 | A-I | 144,559 | Salmon R. @ Bruno's Bridge | MVFH | None | 293 | 108 | 401 |
| 1996 | A-I | 21,196 | Pahsimeroi R. | HNFH | None ${ }^{\text {c }}$ | 80 | 38 | 118 |
| 1996 | A-I | 61,673 | Salmon R. @ Lemhi R. | MVFH | CWT 10/35/12 ${ }^{\text {C }}$ | 262 | 97 | 359 |
| 1996 | A-I | 139,539 | Salmon R. @ Lemhi R. | MVFH | None | 593 | 219 | 812 |
| 1996 | A-I | 61,852 | Salmon R. @ N. Fork | MVFH | CWT 10/35/10 ${ }^{\text {c }}$ | 408 | 151 | 559 |
| 1996 | A-I | 65,856 | Salmon R. @ N. Fork | MVFH | None | 434 | 160 | 594 |
| 1996 | A-I | 20,699 | Little Salmon R. | HNFH | CWT 10/45/35 | 0 | 0 | 0 |
| 1996 | A-I | 20,825 | Little Salmon R. | HNFH | CWT 10/45/36 | 0 | 0 | 0 |
| 1996 | A-I | 19,762 | Little Salmon R. | HNFH | CWT 10/45/37 ${ }^{\text {c }}$ | 8 | 8 | 16 |
| 1996 | A-I | 20,068 | Little Salmon R. | HNFH | CWT 10/45/38 | 37 | 37 | 74 |
| 1996 | A-I | 21,012 | Little Salmon R. | HNFH | CWT 10/45/39 | 82 | 82 | 164 |
| 1996 | A-I | 20,389 | Little Salmon R. | HNFH | CWT 10/45/40 | 54 | 54 | 108 |
| 1996 | A-I | 406,511 | Little Salmon R. | HNFH | None | 599 | 599 | 1,198 |
| Subtotal |  | 2,062,726 |  |  |  | 5,445 | 2,463 | 7,908 |

Table 19, continued.

| Release Year | Strain and Ocean Age | No. of Fish Released | Release Site | Hatchery Rearing | Marks | Estimated Number of Fish |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Harvest | Hatchery | Total |
| 1995 | A-II | 19,923 | Sawtooth Hatchery | HNFH | CWT 10/45/07 ${ }^{\text {c }}$ | 21 | 3 | 24 |
| 1995 | A-II | 19,689 | Sawtooth Hatchery | HNFH | CWT 10/45/08 ${ }^{\text {c }}$ | 34 | 4 | 38 |
| 1995 | A-II | 19,900 | Sawtooth Hatchery | HNFH | CWT 10/45/09 ${ }^{\text {c }}$ | 43 | 9 | 52 |
| 1995 | A-II | 20,321 | Sawtooth Hatchery | HNFH | CWT 10/45/10 ${ }^{\text {c }}$ | 31 | 7 | 38 |
| 1995 | A-II | 20,331 | Sawtooth Hatchery | HNFH | CWT 10/45/11 ${ }^{\text {c }}$ | 7 | 2 | 9 |
| 1995 | A-II | 20,591 | Sawtooth Hatchery | HNFH | CWT 10/45/12 ${ }^{\text {c }}$ | 7 | 3 | 10 |
| 1995 | A-II | 23,576 | Sawtooth Hatchery | HNFH | CWT 10/45/18 ${ }^{\text {c }}$ | 81 | 1 | 82 |
| 1995 | A-II | 21,995 | Sawtooth Hatchery | HNFH | CWT 10/45/19 ${ }^{\text {c }}$ | 35 | 1 | 36 |
| 1995 | A-II | 18,109 | Sawtooth Hatchery | HNFH | CWT 10/45/20 ${ }^{\text {c }}$ | 4 | 1 | 5 |
| 1995 | A-II | 500,571 | Sawtooth Hatchery | HNFH | None | 1,270 | 157 | 1,427 |
| 1995 | A-II | 20,287 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/13 ${ }^{\text {c }}$ | 8 | 4 | 12 |
| 1995 | A-II | 21,887 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/14 ${ }^{\text {c }}$ | 10 | 2 | 12 |
| 1995 | A-II | 19,085 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/15 ${ }^{\text {c }}$ | 16 | 2 | 18 |
| 1995 | A-II | 2,908 | Salmon R. @ Torreys Hole | HNFH | None | 2 | 0 | 2 |
| 1995 | A-II | 20,625 | Salmon R. @ McNabbs Point | MVFH | CWT 10/20/16 ${ }^{\text {c }}$ | 31 | 16 | 47 |
| 1995 | A-II | 20,776 | Salmon R. @ McNabbs Point | MVFH | CWT 10/20/17 ${ }^{\text {c }}$ | 33 | 17 | 50 |
| 1995 | A-II | 21,144 | Salmon R. @ McNabbs Point | MVFH | CWT 10/20/18 ${ }^{\text {c }}$ | 34 | 18 | 52 |
| 1995 | A-II | 145,300 | Salmon R. @ McNabbs Point | MVFH | None | 227 | 117 | 344 |
| 1995 | A-II | 17,501 | Salmon R. @ Bruno's Bridge | MVFH | CWT 10/20/09 ${ }^{\text {c }}$ | 38 | 20 | 58 |
| 1995 | A-II | 17,947 | Salmon R. @ Bruno's Bridge | MVFH | CWT 10/20/10 ${ }^{\text {c }}$ | 41 | 21 | 62 |
| 1995 | A-II | 19,159 | Salmon R. @ Bruno's Bridge | MVFH | CWT 10/20/11 ${ }^{\text {c }}$ | 71 | 37 | 108 |
| 1995 | A-II | 108,263 | Salmon R. @ Bruno's Bridge | MVFH | None | 298 | 156 | 454 |
| 1995 | A-II | 20,537 | Salmon R. @ Lemhi R. | MVFH | CWT 10/20/07 ${ }^{\text {c }}$ | 63 | 32 | 95 |
| 1995 | A-II | 19,340 | Salmon R. @ Lemhi R. | MVFH | CWT 10/20/08 ${ }^{\text {c }}$ | 25 | 13 | 38 |
| 1995 | A-II | 20,488 | Salmon R. @ Lemhi R. | MVFH | CWT 10/20/15 ${ }^{\text {c }}$ | 19 | 10 | 29 |
| 1995 | A-II | 137,905 | Salmon R. @ Lemhi R. | MVFH | None | 244 | 126 | 370 |
| 1995 | A-II | 31,186 | Salmon R. @ N. Fork | MVFH | CWT 10/46/60 ${ }^{\text {c }}$ | 234 | 96 | 330 |
| 1995 | A-II | 30,811 | Salmon R. @ N. Fork | MVFH | CWT 10/46/61 ${ }^{\text {c }}$ | 114 | 47 | 161 |
| 1995 | A-II | 53,053 | Salmon R. @ N. Fork | MVFH | None | 298 | 122 | 420 |
| 1995 | A-II | 21,481 | Little Salmon R. | HNFH | CWT 10/45/16 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1995 | A-II | 20,853 | Little Salmon R. | HNFH | CWT 10/45/17 ${ }^{\text {c }}$ | 4 | 4 | 8 |
| 1995 | A-II | 22,923 | Little Salmon R. | HNFH | CWT 10/45/21 ${ }^{\text {c }}$ | 5 | 5 | 10 |
| 1995 | A-II | 19,236 | Little Salmon R. | HNFH | CWT 10/45/22 ${ }^{\text {c }}$ | 14 | 14 | 28 |
| 1995 | A-II | 316,011 | Little Salmon R. | HNFH | None | 86 | 86 | 172 |
| Subtotal |  | 1,833,712 |  |  |  | 3,448 | 1,153 | 4,601 |
| 1996 | B-I | 61,695 | Slate Cr. | MVFH | CWT 10/35/07 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1996 | B-I | 174,602 | Slate Cr. | MVFH | None | 0 | 5 | 5 |
| 1996 | B-I | 63,013 | E. Fork Salmon R. @ dumpster | MVFH | CWT 10/35/08 ${ }^{\text {c,e }}$ | 0 | 0 | 0 |
| 1996 | B-I | 10,806 | E. Fork Salmon R. @ trap | MVFH | CWT 10/46/13 ${ }^{\text {c,f }}$ | 7 | 1 | 8 |
| 1996 | B-I | 22,050 | E. Fork Salmon R. @ trap | MVFH | CWT 10/47/09 ${ }^{\dagger}$ | 0 | 1 | 1 |
| 1996 | B-I | 30,064 | E. Fork Salmon R. @trap | MVFH | None | 19 | 3 | 22 |
| 1996 | B-I | 326,121 | E. Fork Salmon R. @ dumpster | MVFH | None | 15 | 2 | 17 |
| 1996 | B-I | 38,320 | E. Fork Salmon R. @ Herd Cr. | MVFH | None | 5 | 1 | 6 |
| 1996 | B-I | 62,227 | Little Salmon R. | MVFH | CWT 10/35/09 ${ }^{\text {c }}$ | 4 | 4 | 8 |
| 1996 | B-I | 341,054 | Little Salmon R. | MVFH | None | 22 | 22 | 44 |
| 1996 | B-I | 63,556 | Clearwater R. @ Clear Cr. | CFH ${ }^{\text {g }}$ | CWT 10/30/53 ${ }^{\text {C }}$ | 0 | 2 | 2 |
| 1996 | B-I | 234,886 | Clearwater R. @ Clear Cr. | CFH | None | 0 | 7 | 7 |
| 1996 | B-I | 6,164 | Red R. | CFH | CWT 10/46/30 | 0 | 0 | 0 |
| 1996 | B-I | 8,198 | Red R. | CFH | None ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1996 | B-I | 35,970 | S. Fork Red R. | CFH | CWT 10/20/22 | 0 | 0 | 0 |
| 1996 | B-I | 6,256 | S. Fork Red R. | CFH | None ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1996 | B-I | 46,018 | Crooked R. | CFH | LV Clip ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1996 | B-I | 63,743 | S. Fork Clearwater R. | CFH | CWT 10/20/29 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1996 | B-I | 63,251 | S. Fork Clearwater R. | CFH | CWT 10/35/14 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1996 | B-I | 64,254 | S. Fork Clearwater R. | CFH | CWT 10/35/15 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1996 | B-I | 236,965 | S. Fork Clearwater R. | CFH | None | 0 | 0 | 0 |

Table 19, continued.

| Release Year | Strain and Ocean Age | No. of Fish Released | Release Site | Hatchery Rearing | Marks | Estimated Number of Fish |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Harvest | Hatchery Return ${ }^{\text {a }}$ | Total |
| $\overline{\text { Subtotal }}$ |  | 1,959,513 |  |  |  | 72 | 48 | 120 |
| 1995 | B-II | 20,328 | Slate Cr. | MVFH | CWT 10/20/01 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1995 | B-II | 20,983 | Slate Cr. | MVFH | CWT 10/20/02 ${ }^{\text {c }}$ | 13 | 1 | 14 |
| 1995 | B-II | 20,391 | Slate Cr. | MVFH | CWT 10/20/05 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1995 | B-II | 154,233 | Slate Cr. | MVFH | None | 19 | 1 | 20 |
| 1995 | B-II | 21,337 | E. Fork Salmon R. | MVFH | CWT 10/20/03 ${ }^{\text {c,e }}$ | 45 | 1 | 46 |
| 1995 | B-II | 19,328 | E. Fork Salmon R. | MVFH | CWT 10/20/04 ${ }^{\text {c,e }}$ | 0 | 0 | 0 |
| 1995 | B-II | 20,414 | E. Fork Salmon R. | MVFH | CWT 10/20/12 ${ }^{\text {c,e }}$ | 15 | 0 | 15 |
| 1995 | B-II | 61,767 | E. Fork Salmon R. | MVFH | CWT 10/20/24 ${ }^{\text {c,f }}$ | 113 | 3 | 116 |
| 1995 | B-II | 3,233 | E. Fork Salmon R. | MVFH | None ${ }^{\text {f }}$ | 6 | 0 | 6 |
| 1995 | B-II | 362,626 | E. Fork Salmon R. | MVFH | None ${ }^{\text {e }}$ | 356 | 11 | 367 |
| 1995 | B-II | 19,430 | Little Salmon R. | MVFH | CWT 10/20/06 ${ }^{\text {c }}$ | 3 | 3 | 6 |
| 1995 | B-II | 19,546 | Little Salmon R. | MVFH | CWT 10/20/13 ${ }^{\text {c }}$ | 5 | 5 | 10 |
| 1995 | B-II | 19,998 | Little Salmon R. | MVFH | CWT 10/20/14 ${ }^{\text {c }}$ | 8 | 8 | 16 |
| 1995 | B-II | 283,706 | Little Salmon R. | MVFH | None | 77 | 77 | 154 |
| 1995 | B-II | 56,573 | Clearwater R. @ Clear Cr. | CFH | CWT 10/20/25 ${ }^{\text {c }}$ | 0 | 17 | 17 |
| 1995 | B-II | 62,835 | Clearwater R. @ Clear Cr. | CFH | CWT 10/20/26 ${ }^{\text {c }}$ | 28 | 34 | 62 |
| 1995 | B-II | 58,316 | Clearwater R. @ Clear Cr. | CFH | CWT 10/20/27 ${ }^{\text {c }}$ | 51 | 28 | 79 |
| 1995 | B-II | 5,988 | Clearwater R. @ Clear Cr. | CFH | None | 3 | 3 | 6 |
| 1995 | B-II | 22,056 | Red R. | CFH | CWT 10/45/05 ${ }^{\text {h,i }}$ | 0 | 0 | 0 |
| 1995 | B-II | 21,585 | Red R. | CFH | CWT 10/45/06 ${ }^{\text {h,i }}$ | 0 | 0 | 0 |
| 1995 | B-II | 6,140 | Red R. | CFH | None ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1995 | B-II | 42,595 | S. Fork Clearwater R. | CFH | CWT 10/46/21 ${ }^{\text {c }}$ | 19 | 0 | 19 |
| 1995 | B-II | 21,242 | S. Fork Clearwater R. | CFH | CWT 10/47/27 ${ }^{\text {c }}$ | 0 | 1 | 1 |
| 1995 | B-II | 21,350 | S. Fork Clearwater R. | CFH | CWT 10/47/28 ${ }^{\text {C }}$ | 0 | 0 | 0 |
| 1995 | B-II | 319,063 | S. Fork Clearwater R. | CFH | None | 119 | 56 | 175 |
| Subtotal |  | 1,685,063 |  |  |  | 880 | 249 | 1,129 |
| 1994 | B-III | 62,510 | Slate Cr. | MVFH | CWT 10/49/25 | 0 | 0 | 0 |
| 1994 | B-III | 148,845 | Slate Cr. | MVFH | None ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1994 | B-III | 21,296 | E. Fork Salmon R. | MVFH | CWT 10/47/10 ${ }^{\text {e }}$ | 0 | 0 | 0 |
| 1994 | B-III | 20,048 | E. Fork Salmon R. | MVFH | CWT 10/47/11 ${ }^{\dagger}$ | 0 | 0 | 0 |
| 1994 | B-III | 21,377 | E. Fork Salmon R. | MVFH | CWT 10/47/12 ${ }^{\text {f }}$ | 0 | 0 | 0 |
| 1994 | B-III | 21,369 | E. Fork Salmon R. | MVFH | CWT 10/47/13 ${ }^{\text {f }}$ | 0 | 0 | 0 |
| 1994 | B-III | 20,443 | E. Fork Salmon R. | MVFH | CWT 10/47/21 ${ }^{\text {e }}$ | 0 | 0 | 0 |
| 1994 | B-III | 20,974 | E. Fork Salmon R. | MVFH | CWT 10/47/22 ${ }^{\text {e }}$ | 0 | 0 | 0 |
| 1994 | B-III | 226,333 | E. Fork Salmon R. | MVFH | None ${ }^{\text {c,t }}$ | 0 | 0 | 0 |
| 1994 | B-III | 164,740 | E. Fork Salmon R. | MVFH | None ${ }^{\text {c,e }}$ | 0 | 0 | 0 |
| 1994 | B-III | 20,891 | Little Salmon R. | MVFH | CWT 10/47/14 | 0 | 0 | 0 |
| 1994 | B-III | 21,243 | Little Salmon R. | MVFH | CWT 10/47/15 | 0 | 0 | 0 |
| 1994 | B-III | 21,582 | Little Salmon R. | MVFH | CWT 10/47/16 | 0 | 0 | 0 |
| 1994 | B-III | 175,009 | Little Salmon R. | MVFH | None ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1994 | B-III | 21,507 | Clearwater R. @ Clear Cr. | CFH | CWT 10/47/29 | 0 | 1 | 1 |
| 1994 | B-III | 21,562 | Clearwater R. @ Clear Cr. | CFH | CWT 10/47/30 | 0 | 0 | 0 |
| 1994 | B-III | 20,827 | Clearwater R. @ Clear Cr. | CFH | CWT 10/47/33 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1994 | B-III | 89,964 | Clearwater R. @ Clear Cr. | CFH | None ${ }^{\text {c }}$ | 0 | 4 | 4 |
| 1994 | B-III | 21,779 | Crooked R. | CFH | CWT 10/47/32 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1994 | B-III | 20,883 | Crooked R. | CFH | CWT 10/47/37 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1994 | B-III | 61,788 | Crooked R. | CFH | None | 0 | 0 | 0 |
| 1994 | B-III | 71,566 | Crooked R. | CFH | RV Clip ${ }^{\text {c,h }}$ | 0 | 0 | 0 |
| 1994 | B-III | 50,027 | S. Fork Red R. | CFH | None ${ }^{\text {c, , , i }}$ | 0 | 0 | 0 |
| 1994 | B-III | 20,424 | S. Fork Clearwater R. | CFH | CWT 10/47/31 | 0 | 0 | 0 |
| 1994 | B-III | 21,086 | S. Fork Clearwater R. | CFH | CWT 10/47/34 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1994 | B-III | 22,137 | S. Fork Clearwater R. | CFH | CWT 10/47/35 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1994 | B-III | 21,430 | S. Fork Clearwater R. | CFH | CWT 10/47/36 ${ }^{\text {c }}$ | 0 | 0 | 0 |
| 1994 | B-III | 307,988 | S. Fork Clearwater R. | CFH | None ${ }^{\text {c }}$ | 0 | 0 | 0 |

Table 19, continued.

| Release Year | Strain and Ocean Age | No. of Fish Released | Release Site | Hatchery Rearing | Marks | Estimated Number of Fish |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Harvest | Hatchery Return ${ }^{\text {a }}$ | Total |
| Subtotal |  | 1,739,628 |  |  |  | 0 | 5 | 5 |
| Total |  | 9,280,642 |  |  |  | 9,845 | 3,918 | 13,763 |

a Includes off-site escapement and strays to hatchery racks.
b HNFH = Hagerman National Fish Hatchery.
c Release group includes fish marked with passive integrated transponder (PIT) tags.
d MVFH = Magic Valley Fish Hatchery.
e Dworshak National Fish Hatchery stock.
f East Fork Salmon River stock.
$9 \quad$ CFH = Clearwater Fish Hatchery.
Fingerling release. Fall release.

## Release Group Exploitation By Run Year

## Sawtooth Hatchery and East Fork Satellite Facility

The exploitation rate for A-strain 1 and 2-ocean adult steelhead from Sawtooth Hatchery releases was $81 \%$ during 1997-98 (Table 19). The exploitation rate was $96 \%$ for B-strain adults from East Fork trap releases.

## Salmon River Off-Site Areas

Exploitation rates for A strain adults from off-site releases at Torreys Hole, McNabbs Point, Bruno's Bridge, the Pahsimeroi River, the Lemhi River, North Fork, and the Little Salmon River were $80 \%, 71 \%, 69 \%, 68 \%, 71 \%, 70 \%$ and $50 \%$, respectively. Exploitation rates for B-strain adults from off-site releases at Slate Creek (upper Salmon River), the East Fork Salmon River, and the Little Salmon River were 82\%, 87\%, and 50\%, respectively.

## Clearwater Fish Hatchery

Exploitation rates for B-strain adults from off-site releases at Clear Creek and the South Fork of the Clearwater River were $46 \%$ and $71 \%$, respectively. We did not estimate exploitation rates for releases at Red River, the South Fork Red River, or Crooked River, because we did not recover CWT in the fishery.

## Completed Adult Returns By Release Year

## Sawtooth Hatchery and East Fork Satellite Facility

Returns are now complete for A-strain steelhead released from Sawtooth Hatchery during 1995. We estimated a return of 3,404 1-ocean adults (Ball and White 2001) and 1,721 2 -ocean adults from the 685,006 smolts released (Table 19). The total return of 5,125 adults resulted in a smolt-to-adult return (SAR) of $0.75 \%$.

Returns are now complete for B-strain steelhead released from the East Fork Salmon River during 1994. We estimated a return of 1371 -ocean adults (Ball 1999), 3812 -ocean adults (Ball and White 2001), and no 3-ocean adults (Table 19) from the 516,580 smolts released. The total return of 518 adults resulted in an SAR of $0.10 \%$.

## Salmon River Off-Site Areas

Returns are now complete for A-strain steelhead released from six off-site areas during 1995. We estimated a return of 322 1-ocean fish (Ball and White 2001) and 442 -ocean fish (Table 19) from the 64,167 smolts released at Torreys Hole. The total return of 366 fish resulted in an SAR of $0.57 \%$ for Torreys Hole release groups. We estimated a return of 1,027 1-ocean fish (Ball and White 2001) and 493 2-ocean fish (Table 19) from the 207,845 smolts released at McNabbs Point. The total return of 1,520 fish resulted in an SAR of $0.73 \%$ for McNabbs Point release groups. We estimated a return of 853 1-ocean fish (Ball and White 2001) and 682 2-ocean fish (Table 19) from the 162,870 smolts released at Bruno's Bridge. The total return of 1,535 fish resulted in an SAR of $0.94 \%$ for Bruno's Bridge release groups. We estimated a return of 1,075 1-ocean fish (Ball and White 2001) and 532 2-ocean fish (Table 19) from the 198,270 smolts released at the Lemhi River. The total return of 1,607 fish resulted in an SAR of $0.81 \%$ for the Lemhi River release groups. We estimated a return of 487 1-ocean fish (Ball and White 2001) and 911 2-ocean fish (Table 19) from the 115,050 smolts released at the North Fork site. The total return of 1,398 fish resulted in an SAR of $1.21 \%$ for the North Fork release groups. We estimated a return of 1,085 1-ocean fish (Ball and White 2001) and 218 2-ocean fish (Table 19) from the 400,864 smolts released at the Little Salmon River. The total return of 1,303 fish resulted in an SAR of $0.32 \%$ for the Little Salmon River release groups.

Returns are now complete for B-strain steelhead released into Salmon River tributaries during 1994. We estimated a return of 37 1-ocean fish (Ball 1999), 166 2-ocean fish (Ball and White 2001), and no 3 -ocean fish (Table 19) from the 211,355 smolts released at Slate Creek (upper Salmon River). The total return of 203 fish resulted in an SAR of $0.10 \%$ for the Slate Creek release groups. We estimated a return of no 1-ocean fish (Ball 1999), 195 2-ocean fish (Ball and White 2001), and no 3-ocean fish (Table 19) from the 238,725 smolts released into the Little Salmon River. The total return of 195 fish resulted in an SAR of $0.08 \%$ for the Little Salmon release groups.

## Clearwater Fish Hatchery

Returns are now complete for B-strain fish released into various tributaries and branches of the Clearwater River during 1994. We estimated the return of no 1-ocean fish (Ball 1999), seven 2-ocean fish (Ball and White 2001), and five 3-ocean fish (Table 19) from the 153,860
fish released into Clear Creek. The total return of 12 fish resulted in an SAR of $0.01 \%$ for Clear Creek release groups. We did not recover CWT or right ventral clipped fish during fisheries from the 176,016 fish released into Crooked River. A fall fingerling release of 50,027 fish into the South Fork Red River was not CWT, and thus, we were unable to estimate possible adult returns. We estimated a return of no 1-ocean fish (Ball 1999), 266 2-ocean fish (Ball and White 2001), and no 3 -ocean fish (Table 19) from the 393,065 smolts released into the South Fork Clearwater River. The total return of 266 fish resulted in an SAR of $0.07 \%$ for South Fork of the Clearwater River release groups.

## Hatchery Straying

Nine hundred fifty-nine coded-wire tags were recovered from hatchery steelhead at hatchery racks in Idaho excluding Hells Canyon during 1998. We did not report rack recoveries from Hells Canyon, because the trap is typically operated in fall due to spring high flows, and it collects only a sample of returning adults. Five hundred eighty-eight CWT were recovered at Dworshak National Fish Hatchery and Kooskia National Fish Hatchery on the Clearwater River, and 371 at Pahsimeroi Hatchery, East Fork trap, and the Sawtooth Hatchery on the upper Salmon River. Of the 371 CWT recovered in the Salmon River drainage, 26 fish (7.0\%) strayed to another rack or temporary weir. Only one of these 26 fish strayed from one hatchery rack to another; a 1-ocean fish released with CWT 10/45/29 from Sawtooth Hatchery returned to the Pahsimeroi rack. The remaining 25 fish returned to hatchery racks from various off-site release locations.

The Pahsimeroi Hatchery recovered 10 CWT from off-site releases near Challis and Salmon. Six A-strain fish released off-site at Bruno's Bridge and marked with CWT 10/35/13 were recovered at the Pahsimeroi Hatchery. One fish, marked with CWT 10/35/12, returned to the Pahsimeroi Hatchery from an off-site release near the mouth of the Lemhi River. Three fish, marked with CWT 10/35/11, returned to the Pahsimeroi Hatchery from an off-site release into the Salmon River at McNabbs Point located near the town of Challis. The Lemhi River release site is located 73.2 km downstream from the Pahsimeroi Hatchery, while the Bruno's Bridge and McNabbs Point release sites are located upstream from the Pahsimeroi Hatchery 12.6 km and 13.9 km , respectively.

Twelve fish from five CWT groups released into the Salmon River at Torreys Hole during 1995 and 1996 returned to Sawtooth Hatchery, 40.7 km upstream from their release site. Three fish each from wire groups $10 / 45 / 13,10 / 45 / 26$, and $10 / 45 / 28$ were recovered at the Sawtooth Hatchery trap. Two fish carrying CWT 10/45/27 also returned to the Sawtooth Hatchery, along with one fish tagged with CWT 10/45/14.

Three other fish with tag codes 10/20/19 and 10/45/17 were released into the Little Salmon River and recovered approximately 484 km upriver at the Sawtooth Hatchery.

## DISCUSSION

As stated earlier, we examined $8.9 \%$ of the total harvest or 3,285 fish. It is possible that the $8.9 \%$ sample rate is too low to expect CWT recoveries from certain release groups. For example, B-strain steelhead may be harvested at different rates before they reach Idaho because of their large size, and may, therefore, be more difficult to recover. Anglers are
sometimes reluctant to volunteer B-strain fish snouts from their catch. Some states, such as Alaska, sample their fisheries at approximately a $20 \%$ rate to assure adequate recoveries of CWT (Scott Marshall, IDFG, personal communication, 2001). Another possibility to ensure CWT recoveries from all release groups is to increase the overall CWT mark rate above the current $17.5 \%$. For certain release groups that may be possible; however, the current CWT program is already at capacity in terms of workload. Either increasing the sample rate or CWT mark rate for specific release study groups should be reviewed.

The majority of recovered mark groups originated in Idaho. However, as steelhead programs in bordering states develop, particularly on the Snake River, it will be necessary to share both resources and data to adequately evaluate boundary water fisheries.

We should explore the possibility of creating expansion factors to adjust for disparities between CWT harvest estimates and statewide harvest estimates. Both the total contribution of steelhead from LSRCP programs of 13,763 fish and the harvest contribution of 9,845 are likely low estimates. By adjusting our contribution and harvest values, we could provide a better measure of how the LSRCP programs are meeting their adult return goals.

We need better access to sample rate values from downriver fisheries. Data provided in Appendix H is often incomplete because of our inability to expand CWT recoveries. Also, some agencies do not update the Pacific States Marine Fisheries Commission CWT database in a timely manner. Therefore, it is difficult to query for downriver recoveries of CWT for steelhead released in Idaho. We suggest creating a table that is published every several years with our annual reports that contains downriver recovery information from previous years. In that manner, we can provide a more complete accounting of downriver adult harvest.

Run year exploitation rates for release groups were similar compared to past years (Ball 1999; Ball and White 2001). The run year exploitation rate for Sawtooth Hatchery release groups is greater compared to other release groups because of multiple angler opportunities before the fish reach the uppermost portion of the Salmon River.

We should try to improve our ability to calculate in-river return estimates for the Little Salmon River and possibly the Clearwater River. Improving our in-river return estimates would increase the accuracy of our exploitation rates and SAR estimates. A way to improve in-river estimates of returning adults would be to develop adult return information via PIT tags. However, current PIT tagging efforts for steelhead releases statewide focus on juvenile emigration, and, thus, tagging rates are inadequate to assess adult returns. PIT tagging studies are costly, so working cooperatively with other planned or ongoing studies is important. PIT tag studies usually have limited repetitions because of costs, so methods should be explored that could yield yearly data on a consistent basis.

Smolt-to-adult return rates were similar for hatchery and off-site releases. The majority of A-strain SAR rates were between $1.0 \%$ and $0.3 \%$. The SAR rates for Little Salmon River A-strain return groups were less compared to upper Salmon River release groups. This may partially be because the estimated exploitation rate of $50 \%$ is less compared to upper Salmon River release groups and negatively impacts the calculation of total adult returns. It is also possible that difficulties exist with retrieving CWT from the fisheries because access or juvenile emigration may be poor.

East Fork stock steelhead continued to outperform Dworshak stock steelhead regarding adult return numbers (Table 20) as previously noted by Ball and White (2001). We did not
recover any 1-ocean adults from the 1996 release of Dworshak fish stock with almost twice as many fish being released as compared to East Fork fish stock. This year's straying rate of 7.0\% is greater compared to the mean straying rate of $1.46 \%$ for the past 14 years (Ball 1986a, 1986b, 1988, 1989, 1990, 1991, 1992a, 1992b, 1994, 1996, 1997, 1998, 1999; Ball and White 2001). In recent years, the increased number of off-site released fish apparently contributed to the increased straying rate (Figure 2). However, if straying is defined as fish that return to a different hatchery from which they were released, only one of 371 returning adults strayed during 1998. If the 1989 to 1998 straying rates are recalculated based on the new definition, only 1996 and 1997 depart from past reported values. Counting off-site released fish as strays because they return to a hatchery near their release site artificially inflates the straying rate. Based on past methods, the recalculated straying rates values would be $0.33 \%, 0.22 \%$, and $0.27 \%$ for LSRCP steelhead for 1996, 1997, and 1998, respectively. The ingress of off-site released steelhead into neighboring hatcheries and tributaries is a separate area for future study.

Table 20. Coded-wire tag (CWT) recoveries of East Fork Salmon River steelhead releasesEast Fork stock vs. Dworshak stock.

| Release Year, Stock, Tag Codes, and No. Of Fish Released | 1-Ocean |  |  | 2-Ocean |  |  | 3-Ocean |  |  | Total No. Tags Recovered |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Harvest |  | Rack Returns | Harvest |  | Rack Returns | Harvest |  | Rack Returns |  |
|  | Downriver ${ }^{\text {a }}$ | ID ${ }^{\text {b }}$ |  | Downriver | ID |  | Downriver | ID |  |  |
| 1994 |  |  |  |  |  |  |  |  |  |  |
| East Fork Stock: <br> CWT 10/47/11, $\begin{gathered} 10 / 47 / 12,10 / 47 / 13 \\ \mathrm{n}=63,394 \end{gathered}$ | 4 | 4 | 12 | 25 | 12 | $36^{\text {c,d }}$ | 0 | 0 | 0 | 93 |
| 1994 |  |  |  |  |  |  |  |  |  |  |
| Dworshak Stock: CWT 10/47/10, 10/47/21, 10/47/22 |  |  |  |  |  |  |  |  |  |  |
| $\mathrm{n}=62,713$ | 2 | 0 | 0 | 11 | 4 | 0 | 0 | 0 | 0 | 17 |
| 1995 |  |  |  |  |  |  |  |  |  |  |
| East Fork Stock: <br> CWT 10/20/24 |  |  |  |  |  |  |  |  |  |  |
| $\mathrm{n}=61,767$ | 1 | 3 | 11 | 1 | 18 | 3 | $N D^{e}$ | ND | ND | 37 |
| Dworshak Stock: CWT 10/20/03,10/20/04, 10/20/12 |  |  |  |  |  |  |  |  |  |  |
| $\mathrm{n}=61,079$ | 2 | 1 | 0 | 2 | 6 | 0 | ND | ND | ND | 11 |
| 1996 |  |  |  |  |  |  |  |  |  |  |
| East Fork Stock: CWT 10/46/13, 10/47/09 |  |  |  |  |  |  |  |  |  |  |
| $\mathrm{n}=32,856$ | 2 | 1 | 2 | ND | ND | ND | ND | ND | ND | 5 |
| Dworshak Stock: CWT 10/35/08 |  |  |  |  |  |  |  |  |  |  |
| $\mathrm{n}=63,013$ | 0 | 0 | 0 | ND | ND | ND | ND | ND | ND | 0 |

${ }^{\text {a }}$ Downriver recoveries queried from Pacific States Marine Fisheries Commission's CWT database on January 11, 2001.
b ID = Idaho in-state harvest only.
${ }^{\text {c }}$ Includes one stray to Hells Canyon trap.
d Includes two strays to Slate Creek temporary weir.
${ }^{\mathrm{e}} \mathrm{ND}=\mathrm{No}$ data.


Figure 2. LSRCP steelhead straying rates and adjustments made for increases of off-site releases, 1989-1998.

## Sources of Error

A-strain CWT steelhead released into the Salmon River did not have their left ventral (LV) fins clipped as external CWT indicators beginning with the spring of 1995. B-strain CWT fish released in the Salmon River and Clearwater River continued to be marked externally with LV fin clips. As a result, census clerks were equipped with portable CWT hand wand detectors manufactured by Northwest Marine Technology, Inc. (NMT) and checked all fish for CWT during the fishery of 1997-1998.

A CWT wand efficiency test conducted on both A- and B-strain steelhead snouts found the NMT portable hand wands detected a minimum of $97 \%$ of CWT (K. Ball, IDFG, personal communication). Steelhead snouts scanned in the field and at hatchery racks could yield false positives in a number of scenarios. A wand could show a positive detection signal for a foreign metal object in the snout area when scanned, such as a hook, leader, or broken off hook tip. Likewise, a wand might pick up external metal from the surrounding scan area, such as a watch, ring, coat zipper, or other metal object, if the snout was scanned too close to any of these metalbearing surfaces. However, in all cases, false positive detections by the CWT hand wand result in excess snouts taken and very few CWT should be missed with this method.

Several consecutive low water years and poor migration survival of both juveniles migrating downstream and adults returning upstream have resulted in several poor steelhead runs in the Salmon River and Clearwater River. Consequently, the chance of recovering marked fish becomes very low, and the accuracy of return information diminishes. Harvest patterns, exploitation rates, age at return, and other reasonably stable statistics have been aberrant.

## RECOMMENDATIONS

1. Continue to include coded-wire tags in each major smolt release that are representative in size, time of release, and fish health.
2. Continue to evaluate rate of return, contribution to the sport fishery, and distribution of adults returning from off-site releases.
3. Explore ways to improve the recovery of coded-wire tags from B-strain fish in the Salmon River and Clearwater River drainage.

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## APPENDICES

Appendix A. Coded-wire tag recoveries, by tag code, release site, and number of CWT smolts released, harvest estimates by month and river section, and total harvest estimates for the 1997-98 season.

| Tag Code: 05/24/54 |  |  |  | Release Site: Clearwater R. @ Button Beach |  |  |  |  |  | Number Released: 18,951 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 1 | 0.129 | 8 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | January |  |  | February |  |  | March |  |  | April |  |  | 1997-98 |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | No. Tags | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.154 | 7 |  |  |  |  |  |  | 2 | 15 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 15 |

Appendix A. Continued.

| Tag Code: 05/24/55 |  |  |  | Release Site: Dworshak Hatchery |  |  |  |  |  | Number Released: 19,385 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 1 | 0.129 | 8 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 8 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 8 |

Appendix A. Continued.

| Tag Code: 05/24/56 |  |  |  | Release Site: Dworshak Hatchery |  |  |  |  |  | Number Released: 18,437 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.123 | 8 | 1 | 0.129 | 8 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | No. <br> Tags | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | No. Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 | 1 | 0.100 | 10 |  |  |  |  |  |  |  |  |  | 3 | 26 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harves |  |  |  |  |  |  |  |  |  |  |  | 26 |

Appendix A. Continued.

| Tag Code: 05/24/57 |  |  |  | Release Site: Dworshak Hatchery |  |  |  |  |  | Number Released: 18,573 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 2 | 0.129 | 16 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. <br> Tags | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | No. Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 | 1 | 0.100 | 10 |  |  |  |  |  |  |  |  |  | 2 | 16 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harves |  |  |  |  |  |  |  |  |  |  |  | 16 |

Appendix A. Continued.

| Tag Code: 05/24/58 |  |  |  | Release Site: Dworshak Hatchery |  |  |  |  |  | Number Released: 20,488 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.123 | 8 |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. <br> Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 1 | 0.133 | 8 |  |  |  | 2 | 16 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 16 |

Appendix A. Continued.

| Tag Code: 05/24/59 |  |  |  | Release Site: Dworshak Hatchery |  |  |  |  |  | Number Released: 14,763 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  | 1 | 0.100 | 10 |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 | 1 | 0.085 | 12 |  |  |  |  |  |  |  |  |  | 2 | 22 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ted Harve |  |  |  |  |  |  |  |  |  |  |  | 22 |

Appendix A. Continued.

| Tag Code: 05/24/60 |  |  |  | Release Site: Dworshak Hatchery |  |  |  |  |  | Number Released: 19,635 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 1 | 0.129 | 8 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 | 1 | 0.085 | 12 | 2 | 0.154 | 13 |  |  |  |  |  |  | 4 | 33 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 33 |

Appendix A. Continued.

| Tag Code: 05/24/61 |  |  |  | Release Site: Dworshak Hatchery |  |  |  |  |  | Number Released: 20,372 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 1 | 0.129 | 8 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 2 | 0.154 | 13 |  |  |  |  |  |  | 3 | 21 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 21 |

Appendix A. Continued.

| Tag Code: 05/24/62 |  |  |  | Release Site: Dworshak Hatchery |  |  |  |  |  | Number Released: 22,297 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  | 1 | 0.033 | 30 |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.123 | 8 |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 30 |
| 03/05 | 1 | 0.085 | 12 | 1 | 0.154 | 7 | 1 | 0.133 | 8 |  |  |  | 4 | 35 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ted Harves |  |  |  |  |  |  |  |  |  |  |  | 65 |

Appendix A. Continued.

| Tag Code: 05/24/63 |  |  |  | Release Site: Clearwater R. @ Clear Cr. |  |  |  |  |  | Number Released: 19,849 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.123 | 8 | 1 | 0.129 | 8 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | No. <br> Tags | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | No. <br> Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 16 |
| 04/06 |  |  |  | 1 | 0.018 | 56 |  |  |  |  |  |  | 1 | 56 |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 72 |

Appendix A. Continued.

| Tag Code: 05/31/44 |  |  |  | Release Site: Dworshak Hatchery |  |  |  |  |  | Number Released: 21,751 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 1 | 0.129 | 8 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 8 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 8 |

Appendix A. Continued.

| Tag Code: 05/31/47 |  |  |  | Release Site: South Fork Clearwater R. |  |  |  |  |  | Number Released: 21,326 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.123 | 8 |  |  |  | 1 | 0.100 | 10 |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 18 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 18 |

Appendix A. Continued.

| Tag Code: 05/31/48 |  |  |  | Release Site: Dworshak Hatchery |  |  |  |  |  | Number Released: 21,747 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 3 | 0.123 | 24 | 2 | 0.129 | 16 | 1 | 0.100 | 10 |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.154 | 7 |  |  |  |  |  |  | 7 | 57 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 57 |

Appendix A. Continued.

| Tag Code: 05/33/62 |  |  |  | Release Site: South Fork Clearwater R. |  |  |  |  |  | Number Released: 18,893 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 1 | 0.129 | 8 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | No. <br> Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 8 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  | 1 | 0.200 | 5 |  |  |  | 1 | 5 |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harves |  |  |  |  |  |  |  |  |  |  |  | 13 |

Appendix A. Continued.

| Tag Code: 05/33/63 |  |  |  | Release Site: South Fork Clearwater R. |  |  |  |  |  | Number Released: 20,065 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 1 | 0.129 | 8 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 8 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 8 |

Appendix A. Continued.

| Tag Code: 05/37/23 |  |  |  | Release Site: Dworshak Hatchery |  |  |  |  |  | Number Released: 20,804 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 1 | 0.129 | 8 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.154 | 7 |  |  |  |  |  |  | 2 | 15 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 15 |

Appendix A. Continued.

| Tag Code: 07/09/20 |  |  |  | Release Site: Wallowa R. @ Big Canyon Cr. |  |  |  |  |  | Number Released: 50,524 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  | 1 | 0.030 | 33 |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  |  | 7-98 |
| River Sect. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. <br> Tags | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | No. <br> Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 33 |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 33 |

Appendix A. Continued.

| Tag Code: 07/11/59 |  |  |  | Release Site: Wallowa R. @ Big Canyon Cr. |  |  |  |  |  | Number Released: 27,223 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  | 1 | 0.030 | 33 |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  |  | 7-98 |
| River Sect. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{gathered} \hline \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 33 |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harves |  |  |  |  |  |  |  |  |  |  |  | 33 |

Appendix A. Continued.

| Tag Code: 07/11/60 |  |  |  | Release Site: Wallowa R. @ Big Canyon Cr. |  |  |  |  |  | Number Released: 27,289 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  | 1 | 0.033 | 30 | 1 | 0.040 | 25 |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 55 |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harves |  |  |  |  |  |  |  |  |  |  |  | 55 |

Appendix A. Continued.


Appendix A. Continued.

| Tag Code: 07/58/22 |  |  |  | Release Site: Wallowa R. @ Spring Cr. |  |  |  |  |  | Number Released: 26,336 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  | 1 | 0.040 | 25 |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  |  | 7-98 |
| River Sect. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{gathered} \hline \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 25 |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harves |  |  |  |  |  |  |  |  |  |  |  | 25 |

Appendix A. Continued.

| Tag Code: 10/20/02 |  |  |  | Release Site: Slate Cr. (Upper Salmon R.) |  |  |  |  |  | Number Released: 20,983 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \hline \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 2 | 0.314 | 6 |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 6 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  | 1 | 0.150 | 7 | 1 | 7 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 13 |

Appendix A. Continued.

| Tag Code: 10/20/03 |  |  |  | Release Site: East Fork Salmon R. |  |  |  |  |  | Number Released: 21,337 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  | 1 | 0.033 | 30 |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 30 |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.194 | 5 |  |  |  | 1 | 5 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 1 | 3 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  | 1 | 0.150 | 7 | 1 | 7 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 45 |

Appendix A. Continued.

| Tag Code: 10/20/06 |  |  |  | Release Site: Little Salmon R. |  |  |  |  |  | Number Released: 19,430 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Est. } \\ & \text { Harv. } \end{aligned}$ | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.375 | 3 |  |  |  |  |  |  | 1 | 3 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 3 |

Appendix A. Continued.

| Tag Code: 10/20/07 |  |  |  | Release Site: Salmon R. @ Lemhi R. |  |  |  |  |  | Number Released: 20,537 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  | 0.090 | 11 | 2 | 0.238 | 8 |  |  |  |  |  |
| 15 |  |  |  | 2 | 0.109 | 18 |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.194 | 5 |  |  |  | 1 | 5 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.386 | 3 |  |  |  | 4 | 22 |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 3 | 21 |
| 16 |  |  |  |  |  |  | 2 | 0.186 | 11 |  |  |  | 2 | 11 |
| 17 |  |  |  |  |  |  | 1 | 0.257 | 4 |  |  |  | 1 | 4 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ted Harve |  |  |  |  |  |  |  |  |  |  |  | 63 |

Appendix A. Continued.

| Tag Code: 10/20/08 |  |  |  | Release Site: Salmon R. @ Lemhi R. |  |  |  |  |  | Number Released: 19,340 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.109 | 9 | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 3 | 16 |
| 16 |  |  |  |  |  |  | 1 | 0.186 | 5 |  |  |  | 1 | 5 |
| 17 |  |  |  |  |  |  | 1 | 0.257 | 4 |  |  |  | 1 | 4 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ted Harve |  |  |  |  |  |  |  |  |  |  |  | 25 |

Appendix A. Continued.

| Tag Code: 10/20/09 |  |  |  | Release Site: Salmon R. @ Bruno's Bridge |  |  |  |  |  | Number Released: 17,501 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \hline \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.688 | 2 |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.052 | 19 | 2 | 0.316 | 6 |  |  |  | 3 | 25 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  | 1 | 0.257 | 4 | 1 | 0.150 | 7 | 2 | 11 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 38 |

Appendix A. Continued.

| Tag Code: 10/20/10 |  |  |  | Release Site: Salmon R. @ Bruno's Bridge |  |  |  |  |  | Number Released: 17,947 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. <br> Tags | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | No. <br> Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.375 | 3 | 1 | 0.194 | 5 |  |  |  | 2 | 8 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.052 | 19 | 2 | 0.316 | 10 |  |  |  | 5 | 33 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 41 |

Appendix A. Continued.

| Tag Code: 10/20/11 |  |  |  | Release Site: Salmon R. @ Bruno's Bridge |  |  |  |  |  | Number Released: 19,159 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \hline \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  | 1 | 0.035 | 29 |  |  |  | 1 | 29 |
| 12 |  |  |  | 1 | 0.375 | 3 |  |  |  |  |  |  | 1 | 3 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.386 | 3 |  |  |  | 1 | 3 |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  | 1 | 0.150 | 7 | 1 | 7 |
| 18 |  |  |  |  |  |  |  |  |  | 2 | 0.081 | 25 | 2 | 25 |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 71 |

Appendix A. Continued.

| Tag Code: 10/20/12 |  |  |  | Release Site: East Fork Salmon R. |  |  |  |  |  | Number Released: 20,414 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 1 | 3 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  | 1 | 0.081 | 12 | 1 | 12 |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 15 |

Appendix A. Continued.

| Tag Code: 10/20/13 |  |  |  | Release Site: Little Salmon R. |  |  |  |  |  | Number Released: 19,546 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | No. Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.194 | 5 |  |  |  | 1 | 5 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 5 |

Appendix A. Continued.

| Tag Code: 10/20/14 |  |  |  | Release Site: Little Salmon R. |  |  |  |  |  | Number Released: 19,998 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Est. } \\ & \text { Harv. } \end{aligned}$ | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.314 | 3 |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.194 | 5 |  |  |  | 2 | 8 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 8 |

Appendix A. Continued.

| Tag Code: 10/20/15 |  |  |  | Release Site: Salmon R. @ Lemhi R. |  |  |  |  |  | Number Released: 20,488 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |  |  |  |
| 16 |  |  |  | 1 | 0.183 | 6 |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | No. Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 16 |  |  |  |  |  |  | 1 | 0.186 | 5 |  |  |  | 2 | 11 |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 19 |

Appendix A. Continued.

| Tag Code: 10/20/16 |  |  |  | Release Site: Salmon R. @ McNabbs Point |  |  |  |  |  | Number Released: 20,625 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \hline \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.386 | 3 |  |  |  | 1 | 3 |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 1 | 3 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  | 2 | 0.081 | 25 | 2 | 25 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 31 |

Appendix A. Continued.

| Tag Code: 10/20/17 |  |  |  | Release Site: Salmon R. @ McNabbs Point |  |  |  |  |  | Number Released: 20,776 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.314 | 3 |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 2 | 0.238 | 8 |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 3 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 8 |
| 15 |  |  |  |  |  |  | 2 | 0.316 | 6 |  |  |  | 2 | 6 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  | 1 | 0.257 | 4 |  |  |  | 1 | 4 |
| 18 |  |  |  |  |  |  |  |  |  | 1 | 0.081 | 12 | 1 | 12 |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harves |  |  |  |  |  |  |  |  |  |  |  | 33 |

Appendix A. Continued.

| Tag Code: 10/20/18 |  |  |  | Release Site: Salmon R. @ McNabbs Point |  |  |  |  |  | Number Released: 21,144 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \hline \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 2 | 0.386 | 5 |  |  |  | 2 | 5 |
| 15 |  |  |  | 3 | 0.316 | 10 |  |  |  |  |  |  | 3 | 10 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  | 1 | 0.150 | 7 | 1 | 7 |
| 18 |  |  |  |  |  |  |  |  |  | 1 | 0.081 | 12 | 1 | 12 |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 34 |

Appendix A. Continued.

| Tag Code: 10/20/19 |  |  |  | Release Site: Little Salmon R. |  |  |  |  |  | Number Released: 38,390 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 2 | 0.688 | 3 | 3 | 0.314 | 10 |  |  |  |  |  |
| 13 |  |  |  |  |  |  | 1 | 0.509 | 2 |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 3 | 0.194 | 16 |  |  |  | 8 | 29 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 31 |

Appendix A. Continued.

| Tag Code: 10/20/24 |  |  |  | Release Site: East Fork Salmon R. |  |  |  |  |  | Number Released: 61,767 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.688 | 2 |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  | 1 | 0.147 | 7 |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | January |  |  | February |  |  | March |  |  | April |  |  | 1997-98 |  |
| River Sect. | No. Tags | Sample Rate | Est. Harv. | No. Tags | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | No. Tags | Est. Harv. |
| 01 ----- - - - - - - - - - - - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 |
| 13 ( 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.052 | 19 | 8 | 0.316 | 25 |  |  |  | 10 | 48 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 7 |
| 17 |  |  |  |  |  |  | 1 | 0.257 | 4 | 1 | 0.150 | 7 | 2 | 11 |
| 18 |  |  |  |  |  |  |  |  |  | 3 | 0.081 | 37 | 3 | 37 |
| 19 |  |  |  |  |  |  |  |  |  | 1 | 0.134 | 8 | 1 | 8 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total E | Estimat | ed Harves |  |  |  |  |  |  |  |  |  |  |  | 113 |

Appendix A. Continued.

| Tag Code: 10/20/26 |  |  |  | Release Site: Clearwater R. @ Clear Cr. |  |  |  |  |  | Number Released: 62,835 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.123 | 8 |  |  |  | 2 | 0.100 | 20 |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 28 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ted Harve |  |  |  |  |  |  |  |  |  |  |  | 28 |

Appendix A. Continued.

| Tag Code: 10/20/27 |  |  |  | Release Site: Clearwater River @ Clear Cr. |  |  |  |  |  | Number Released: 58,316 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 2 | 0.129 | 16 | 1 | 0.100 | 10 |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | No. <br> Tags | Sample Rate | Est. Harv. | No. <br> Tags | Sample Rate | Est. Harv. | No. <br> Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.154 | 7 |  |  |  |  |  |  | 4 | 33 |
| 04/06 |  |  |  |  |  |  | 1 | 0.055 | 18 |  |  |  | 1 | 18 |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 51 |

Appendix A. Continued.

| Tag Code: 10/30/46 |  |  |  | Release Site: Pahsimeroi R. |  |  |  |  |  | Number Released: 64,953 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  | 2 | 0.090 | 22 | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  | 2 | 0.109 | 18 | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.375 | 3 |  |  |  |  |  |  | 1 | 3 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 2 | 0.386 | 5 |  |  |  | 5 | 31 |
| 15 |  |  |  | 1 | 0.052 | 19 | 9 | 0.316 | 29 |  |  |  | 13 | 70 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  | 2 | 0.257 | 8 | 1 | 0.150 | 7 | 3 | 15 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 119 |

Appendix A. Continued.

| Tag Code: 10/30/48 |  |  |  | Release Site: Salmon R. @ Hammer Cr. |  |  |  |  |  | Number Released: 64,057 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.688 | 2 | 1 | 0.314 | 3 |  |  |  |  |  |
| 13 |  |  |  | 1 | 0.246 | 4 | 2 | 0.509 | 4 |  |  |  |  |  |
| 14 |  |  |  | 1 | 0.090 | 11 | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 5 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 8 |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 15 |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 1 | 3 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ted Harve |  |  |  |  |  |  |  |  |  |  |  | 31 |

Appendix A. Continued.

| Tag Code: 10/30/49 |  |  |  | Release Site: Pahsimeroi R. |  |  |  |  |  | Number Released: 61,077 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  | 1 | 0.509 | 2 |  |  |  |  |  |
| 14 |  |  |  | 1 | 0.090 | 11 | 3 | 0.238 | 13 |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.109 | 9 | 7 | 0.226 | 31 |  |  |  |  |  |
| 16 |  |  |  | 1 | 0.183 | 6 | 2 | 0.147 | 14 |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | January |  |  | February |  |  | March |  |  | April |  |  | 1997-98 |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  | 1 | 0.035 | 29 |  |  |  | 1 | 29 |
| 12 ( 0.035 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  | 1 | 0.432 | 2 |  |  |  | 2 | 4 |
| 14 |  |  |  |  |  |  | 4 | 0.386 | 10 |  |  |  | 8 | 34 |
| 15 |  |  |  | 1 | 0.052 | 19 | 9 | 0.316 | 29 |  |  |  | 18 | 88 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 20 |
| 17 |  |  |  |  |  |  | 2 | 0.257 | 8 | 7 | 0.150 | 47 | 9 | 55 |
| 18 ( 18 ( 0.257 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 230 |

Appendix A. Continued.

| Tag Code: 10/30/50 |  |  |  | Release Site: Little Salmon R. |  |  |  |  |  | Number Released: 59,507 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 2 | 0.314 | 6 |  |  |  |  |  |
| 13 |  |  |  |  |  |  | 1 | 0.509 | 2 |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.194 | 5 |  |  |  | 3 | 11 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ted Harve |  |  |  |  |  |  |  |  |  |  |  | 13 |

Appendix A. Continued.

| Tag Code: 10/30/51 |  |  |  | Release Site: Snake R. @ Hells Canyon Dam |  |  |  |  |  | Number Released: 60,534 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  | 1 | 0.030 | 33 |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  |  | 7-98 |
| River Sect. | No. Tags | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{gathered} \hline \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 33 |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harves |  |  |  |  |  |  |  |  |  |  |  | 33 |

Appendix A. Continued.

| Tag Code: 10/30/52 |  |  |  | Release Site: Salmon R. @ Hammer Cr. |  |  |  |  |  | Number Released: 61,313 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.688 | 2 | 2 | 0.314 | 6 |  |  |  |  |  |
| 13 |  |  |  | 1 | 0.246 | 4 |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. <br> Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | No. <br> Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.194 | 5 |  |  |  | 4 | 13 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 17 |

Appendix A. Continued.

| Tag Code: 10/35/09 |  |  |  | Release Site: Little Salmon R. |  |  |  |  |  | Number Released: 62,227 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Est. } \\ & \text { Harv. } \end{aligned}$ | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 4 |

Appendix A. Continued.

| Tag Code: 10/35/10 |  |  |  | Release Site: Salmon R. @ North Fork |  |  |  |  |  | Number Released: 61,852 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.688 | 2 | 1 | 0.314 | 3 |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 2 | 0.238 | 8 |  |  |  |  |  |
| 15 |  |  |  | 7 | 0.109 | 64 | 6 | 0.226 | 27 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 5 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.386 | 3 |  |  |  | 3 | 11 |
| 15 |  |  |  | 3 | 0.052 | 58 | 12 | 0.316 | 38 | 6 | 0.030 | 200 | 34 | 387 |
| 16 |  |  |  |  |  |  | 1 | 0.186 | 5 |  |  |  | 1 | 5 |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 408 |

Appendix A. Continued.

| Tag Code: 10/35/11 |  |  |  | Release Site: Salmon R. @ McNabbs Point |  |  |  |  |  | Number Released: 61,552 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  | 1 | 0.030 | 33 |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 2 | 0.688 | 3 |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 3 | 0.238 | 13 |  |  |  |  |  |
| 15 |  |  |  | 2 | 0.109 | 18 | 7 | 0.226 | 31 |  |  |  |  |  |
| 16 |  |  |  |  |  |  | 1 | 0.147 | 7 |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | January |  |  | February |  |  | March |  |  | April |  |  | 1997-98 |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | No. Tags | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 33 |
| 03/05 30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.375 | 3 | 2 | 0.194 | 10 |  |  |  | 5 | 16 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 3 | 0.386 | 8 |  |  |  | 6 | 21 |
| 15 |  |  |  |  |  |  | 4 | 0.316 | 13 |  |  |  | 13 | 62 |
| 16 |  |  |  |  |  |  | 1 | 0.186 | 5 | 1 | 0.036 | 28 | 3 | 40 |
| 17 |  |  |  |  |  |  | 1 | 0.257 | 4 | 2 | 0.150 | 13 | 3 | 17 |
| 18 |  |  |  |  |  |  |  |  |  | 2 | 0.081 | 25 | 2 | 25 |
| 19 - 25 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ted Harve |  |  |  |  |  |  |  |  |  |  |  | 214 |

Appendix A. Continued.

| Tag Code: 10/35/12 |  |  |  | Release Site: Salmon R. @ Lemhi R. |  |  |  |  |  | Number Released: 61,673 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 2 | 0.314 | 6 |  |  |  |  |  |
| 13 |  |  |  |  |  |  | 2 | 0.509 | 4 |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 5 | 0.109 | 46 | 5 | 0.226 | 22 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 6 |
| 13 |  |  |  | 1 | 0.013 | 77 | 1 | 0.432 | 2 |  |  |  | 4 | 83 |
| 14 |  |  |  |  |  |  | 1 | 0.386 | 3 |  |  |  | 1 | 3 |
| 15 |  |  |  |  |  |  | 9 | 0.316 | 29 |  |  |  | 19 | 97 |
| 16 |  |  |  |  |  |  |  |  |  | 2 | 0.036 | 56 | 2 | 56 |
| 17 |  |  |  |  |  |  | 1 | 0.257 | 4 | 2 | 0.150 | 13 | 3 | 17 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ted Harve |  |  |  |  |  |  |  |  |  |  |  | 262 |

Appendix A. Continued.

| Tag Code: 10/35/13 |  |  |  | Release Site: Salmon R. @ Bruno’s Bridge |  |  |  |  |  | Number Released: 62,686 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 2 | 0.688 | 3 |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  | 1 | 0.090 | 11 | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.109 | 9 | 5 | 0.226 | 22 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 3 | 0.194 | 16 |  |  |  | 5 | 19 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.386 | 3 |  |  |  | 3 | 18 |
| 15 |  |  |  |  |  |  | 3 | 0.316 | 10 |  |  |  | 9 | 41 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  | 1 | 0.257 | 4 | 5 | 0.150 | 33 | 6 | 37 |
| 18 |  |  |  |  |  |  |  |  |  | 1 | 0.081 | 12 | 1 | 12 |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 127 |

Appendix A. Continued.

| Tag Code: 10/45/07 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 19,923 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \hline \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.109 | 9 |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 9 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  | 1 | 0.134 | 8 | 1 | 8 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 21 |

Appendix A. Continued.

| Tag Code: 10/45/08 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 19,689 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.375 | 3 |  |  |  |  |  |  | 1 | 3 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  | 1 | 0.068 | 15 | 1 | 0.081 | 12 | 2 | 27 |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 34 |

Appendix A. Continued.

| Tag Code: 10/45/09 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 19,900 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  | 1 | 0.147 | 7 |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 4 | 0.316 | 13 |  |  |  | 4 | 13 |
| 16 |  |  |  | 1 | 0.043 | 23 |  |  |  |  |  |  | 2 | 30 |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 43 |

Appendix A. Continued.

| Tag Code: 10/45/10 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 20,321 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.109 | 9 |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | January |  |  | February |  |  | March |  |  | April |  |  | 1997-98 |  |
| River Sect. | No. Tags | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Est. Harv. |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 2 | 12 |
| 16 ( 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  | 2 | 0.134 | 15 | 2 | 15 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 31 |

Appendix A. Continued.

| Tag Code: 10/45/11 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 20,331 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. <br> Tags | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 2 | 7 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 7 |

Appendix A. Continued.

| Tag Code: 10/45/12 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 20,311 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Est. } \\ & \text { Harv. } \end{aligned}$ | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 2 | 7 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ted Harve |  |  |  |  |  |  |  |  |  |  |  | 7 |

Appendix A. Continued.

| Tag Code: 10/45/13 |  |  |  | Release Site: Salmon R. @ Torreys Hole |  |  |  |  |  | Number Released: 20,287 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Est. } \\ & \text { Harv. } \end{aligned}$ | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  | 1 | 0.134 | 8 | 1 | 8 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 8 |

Appendix A. Continued.

| Tag Code: 10/45/14 |  |  |  | Release Site: Salmon R. @ Torreys Hole |  |  |  |  |  | Number Released: 21,887 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | No. <br> Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 2 | 0.316 | 6 |  |  |  | 3 | 10 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 10 |

Appendix A. Continued.

| Tag Code: 10/45/15 |  |  |  | Release Site: Salmon R. @ Torreys Hole |  |  |  |  |  | Number Released: 19,085 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.109 | 9 | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 3 | 16 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 16 |

Appendix A. Continued.

| Tag Code: 10/45/17 |  |  |  | Release Site: Little Salmon R. |  |  |  |  |  | Number Released: 20,853 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Est. } \\ & \text { Harv. } \end{aligned}$ | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 4 |

Appendix A. Continued.

| Tag Code: 10/45/18 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 23,576 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  | 1 | 0.014 | 71 |  |  |  |  |  |  | 2 | 75 |
| 15 |  |  |  |  |  |  | 2 | 0.316 | 6 |  |  |  | 2 | 6 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 81 |

Appendix A. Continued.

| Tag Code: 10/45/19 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 21,995 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \hline \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 2 | 0.238 | 8 |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 8 |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 2 | 7 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  | 2 | 0.257 | 8 | 2 | 8 |
| 18 |  |  |  |  |  |  |  |  |  | 1 | 0.081 | 12 | 1 | 12 |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 35 |

Appendix A. Continued.

| Tag Code: 10/45/20 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 18,109 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  | 1 | 0.257 | 4 | 1 | 4 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 4 |

Appendix A. Continued.

| Tag Code: 10/45/21 |  |  |  | Release Site: Little Salmon R. |  |  |  |  |  | Number Released: 22,923 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | No. Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.194 | 5 |  |  |  | 1 | 5 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 5 |

Appendix A. Continued.


Appendix A. Continued.

| Tag Code: 10/45/23 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 21,941 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \hline \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.109 | 9 |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 2 | 0.316 | 6 |  |  |  | 3 | 15 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  | 1 | 0.257 | 4 | 1 | 0.150 | 7 | 2 | 11 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 26 |

Appendix A. Continued.

| Tag Code: 10/45/24 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 21,491 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \hline \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 2 | 0.688 | 3 |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.375 | 3 |  |  |  | 3 | 6 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 15 |  |  |  |  |  |  | 2 | 0.316 | 6 |  |  |  | 3 | 10 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  | 1 | 0.081 | 12 | 1 | 12 |
| 19 |  |  |  |  |  |  |  |  |  | 1 | 0.134 | 8 | 1 | 8 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 40 |

Appendix A. Continued.

| Tag Code: 10/45/25 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 21,420 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.109 | 9 |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 9 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 13 |

Appendix A. Continued.

| Tag Code: 10/45/26 |  |  |  | Release Site: Salmon R. @ Torreys Hole |  |  |  |  |  | Number Released: 21,185 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 4 | 0.226 | 18 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.052 | 19 | 1 | 0.316 | 3 |  |  |  | 6 | 40 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  | 1 | 0.134 | 8 | 1 | 8 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 48 |

Appendix A. Continued.

| Tag Code: 10/45/27 |  |  |  | Release Site: Salmon R. @ Torreys Hole |  |  |  |  |  | Number Released: 21,558 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | $0 . .688$ | 2 |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  | 1 | 0.509 | 2 |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 2 | 0.238 | 8 |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  | 1 | 0.035 | 29 |  |  |  | 1 | 29 |
| 12 |  |  |  |  |  |  | 1 | 0.194 | 5 |  |  |  | 2 | 7 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 8 |
| 15 |  |  |  | 1 | 0.052 | 19 | 1 | 0.316 | 3 |  |  |  | 2 | 22 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  | 1 | 0.081 | 12 | 1 | 12 |
| 19 |  |  |  |  |  |  |  |  |  | 1 | 0.134 | 8 | 1 | 8 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 88 |

Appendix A. Continued.

| Tag Code: 10/45/28 |  |  |  | Release Site: Salmon R. @ Torreys Hole |  |  |  |  |  | Number Released: 21,298 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | No. Tags | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. <br> Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.194 | 5 |  |  |  | 1 | 5 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.386 | 3 |  |  |  | 1 | 3 |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  | 1 | 0.081 | 12 | 1 | 12 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 20 |

Appendix A. Continued.

| Tag Code: 10/45/29 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 22,036 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 2 | 0.688 | 3 | 1 | 0.314 | 3 |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  | 1 | 0.147 | 7 |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | January |  |  | February |  |  | March |  |  | April |  |  | 1997-98 |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 6 |
| 13 ( 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.386 | 3 |  |  |  | 2 | 7 |
| 15 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 2 | 7 |
| 16 |  |  |  | 1 | 0.043 | 23 |  |  |  |  |  |  | 2 | 30 |
| 17 - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  | 1 | 0.081 | 12 | 1 | 12 |
| 19 |  |  |  |  |  |  |  |  |  | 1 | 0.134 | 8 | 1 | 8 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 70 |

Appendix A. Continued.

| Tag Code: 10/45/30 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 21,716 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.109 | 9 |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 2 | 0.386 | 5 |  |  |  | 2 | 5 |
| 15 |  |  |  |  |  |  | 3 | 0.316 | 10 |  |  |  | 4 | 19 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  | 1 | 0.134 | 8 | 1 | 8 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 32 |

Appendix A. Continued.

| Tag Code: 10/45/31 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 21,305 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.688 | 2 |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 3 | 0.226 | 13 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.052 | 19 | 2 | 0.316 | 6 |  |  |  | 6 | 38 |
| 16 |  |  |  |  |  |  | 1 | 0.186 | 5 |  |  |  | 1 | 5 |
| 17 |  |  |  |  |  |  | 1 | 0.257 | 4 |  |  |  | 1 | 4 |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  | 1 | 0.134 | 8 | 1 | 8 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 57 |

Appendix A. Continued.

| Tag Code: 10/45/32 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 21,682 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.109 | 9 | 4 | 0.226 | 18 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 1 | 0.052 | 19 | 1 | 0.316 | 3 |  |  |  | 7 | 49 |
| 16 |  |  |  |  |  |  | 1 | 0.186 | 5 |  |  |  | 1 | 5 |
| 17 |  |  |  |  |  |  |  |  |  | 1 | 0.150 | 7 | 1 | 7 |
| 18 |  |  |  |  |  |  |  |  |  | 1 | 0.081 | 12 | 1 | 12 |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 73 |

Appendix A. Continued.

| Tag Code: 10/45/33 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 22,297 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  | 2 | 0.109 | 18 | 1 | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 22 |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  | 1 | 0.134 | 8 | 1 | 8 |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 34 |

Appendix A. Continued.

| Tag Code: 10/45/34 |  |  |  | Release Site: Sawtooth Hatchery |  |  |  |  |  | Number Released: 20,379 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 2 | 0.226 | 9 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  | , | 4 |
| 14 |  |  |  |  |  |  | 1 | 0.316 | 3 |  |  |  | 3 | 12 |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 16 |

Appendix A. Continued.


Appendix A. Continued.

| Tag Code: 10/45/38 |  |  |  | Release Site: Little Salmon R. |  |  |  |  |  | Number Released: 20,068 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 2 | 0.314 | 6 |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. <br> Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.375 | 3 | 1 | 0.194 | 5 |  |  |  | 4 | 14 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 4 |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  | 2 | 0.106 | 19 | 2 | 19 |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 37 |

Appendix A. Continued.

| Tag Code: 10/45/39 |  |  |  | Release Site: Little Salmon R. |  |  |  |  |  | Number Released: 21,012 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  | 1 | 0.040 | 25 |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 3 | 0.688 | 4 | 6 | 0.314 | 19 |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  | 1 | 0.114 | 9 |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | No. Tags | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | No. <br> Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | No. <br> Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 25 |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 1 | 0.194 | 5 |  |  |  | 10 | 28 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  | 2 | 0.099 | 20 |  |  |  | 3 | 29 |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 82 |

Appendix A. Continued.

| Tag Code: 10/45/40 |  |  |  | Release Site: Little Salmon R. |  |  |  |  |  | Number Released: 20,389 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 5 | 0.688 | 7 | 2 | 0.314 | 6 |  |  |  |  |  |
| 13 |  |  |  |  |  |  | 1 | 0.509 | 2 |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  | 2 | 03194 | 10 |  |  |  | 9 | 23 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 2 |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  | 1 | 0.099 | 10 | 2 | 0.106 | 19 | 3 | 29 |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 54 |

Appendix A. Continued.

| Tag Code: 10/46/13 |  |  |  | Release Site: East Fork Salmon R. |  |  |  |  |  | Number Released: 10,806 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  | 1 | 0.147 | 7 |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | No. Tags | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{gathered} \hline \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | No. <br> Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 7 |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 7 |

Appendix A. Continued.

| Tag Code: 10/46/21 |  |  |  | Release Site: South Fork Clearwater R. |  |  |  |  |  | Number Released: 42,595 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 3 | 0.154 | 19 |  |  |  |  |  |  | 3 | 19 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 19 |

Appendix A. Continued.

| Tag Code: 10/46/60 |  |  |  | Release Site: Salmon R. @ North Fork |  |  |  |  |  | Number Released: 31,186 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  | 3 | 0.109 | 28 |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  | 5 | 0.316 | 16 | 5 | 0.030 | 167 | 13 | 211 |
| 16 |  |  |  | 1 | 0.043 | 23 |  |  |  |  |  |  | 1 | 23 |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ted Harve |  |  |  |  |  |  |  |  |  |  |  | 234 |

Appendix A. Continued.

| Tag Code: 10/46/61 |  |  |  | Release Site: Salmon R. @ North Fork |  |  |  |  |  | Number Released: 30,811 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | $1$ | 0.238 | 4 |  |  |  |  |  |
| 15 |  |  |  | 2 | 0.109 | 18 | $1$ | 0.226 | 4 |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  | 1 | 0.375 | 3 |  |  |  |  |  |  | 1 | 3 |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  | 1 | 0.386 | 3 |  |  |  | 2 | 7 |
| 15 |  |  |  |  |  |  | 5 | 0.316 | 16 | 1 | 0.030 | 33 | 9 | 71 |
| 16 |  |  |  |  |  |  | 1 | 0.186 | 5 | 1 | 0.036 | 28 | 2 | 33 |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 114 |

Appendix A. Continued.

| Tag Code: 63/57/17 |  |  |  | Release Site: Tucannon R. @ Curl Lake |  |  |  |  |  | Number Released: 17,990 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | No. Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.154 | 7 |  |  |  |  |  |  | 1 | 7 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 7 |

Appendix A. Continued.

| Tag Code: 63/57/18 |  |  |  | Release Site: Tucannon R. @ Curl Lake |  |  |  |  |  | Number Released: 18,112 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.123 | 8 |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 8 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 8 |

Appendix A. Continued.

| Tag Code: 63/57/28 |  |  |  | Release Site: Lower Snake R. |  |  |  |  |  | Number Released: 39,737 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  | 1 | 0.129 | 8 |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \\ & \hline \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | No. Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 8 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 8 |

Appendix A. Continued.

| Tag Code: 63/57/48 |  |  |  | Release Site: Tucannon R. @ Curl Lake |  |  |  |  |  | Number Released: 16,546 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample | Est. <br> Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.123 | 8 |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. <br> Harv. | No. Tags | Est. <br> Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 8 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 8 |

Appendix A. Continued.

| Tag Code: 63/60/30 |  |  |  | Release Site: Touchet R. |  |  |  |  |  | Number Released: 39,292 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 3 | 0.123 | 24 |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 3 | 24 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 24 |

Appendix A. Continued.

| Tag Code: 63/60/31 |  |  |  | Release Site: Touchet R. |  |  |  |  |  | Number Released: 39,397 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{gathered} \text { No. } \\ \text { Tags } \end{gathered}$ | Sample Rate | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 | 1 | 0.085 | 12 |  |  |  |  |  |  |  |  |  | 1 | 12 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 12 |

Appendix A. Continued.

| Tag Code: 63/60/33 |  |  |  | Release Site: Tucannon R. |  |  |  |  |  | Number Released: 29,136 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  | 1 | 0.040 | 25 |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. <br> Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 25 |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 25 |

Appendix A. Continued.

| Tag Code: 63/60/34 |  |  |  | Release Site: Lower Snake R. |  |  |  |  |  | Number Released: 19,820 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  | 1 | 0.123 | 8 |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 1997 | 7-98 |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. Harv. | No. <br> Tags | Sample Rate | Est. Harv. | No. <br> Tags | Sample Rate | Est. Harv. | No. Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 8 |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 8 |

Appendix A. Continued.

| Tag Code: 63/60/36 |  |  |  | Release Site: Lower Snake R. |  |  |  |  |  | Number Released: 19,514 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | September |  |  | October |  |  | November |  |  | December |  |  |  |  |
| River Sect. | $\begin{aligned} & \hline \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{aligned} & \text { Sample } \\ & \text { Rate } \end{aligned}$ | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | $\begin{gathered} \text { Sample } \\ \text { Rate } \\ \hline \end{gathered}$ | Est. Harv. |  |  |
| 01 |  |  |  | 1 | 0.030 | 33 |  |  |  |  |  |  |  |  |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | January |  |  | February |  |  | March |  |  | April |  | 199 | 7-98 |
| River Sect. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. Tags | Sample Rate | Est. <br> Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | $\begin{aligned} & \text { No. } \\ & \text { Tags } \end{aligned}$ | Sample Rate | Est. Harv. | No. <br> Tags | Est. Harv. |
| 01 |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 33 |
| 03/05 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04/06 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 07 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Estimat | ed Harve |  |  |  |  |  |  |  |  |  |  |  | 33 |

Appendix B. Steelhead groups expected to return to the Salmon River, 1997-98.

| Strain | Ocean Age | No. of Fish | Release Site | Hatchery Rearing | Marks |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | I | 21,941 | Sawtooth Hatchery | $\mathrm{HNFH}^{\text {a }}$ | CWT 10/45/23 |
| A | I | 21,491 | Sawtooth Hatchery | HNFH | CWT 10/45/24 |
| A | I | 21,420 | Sawtooth Hatchery | HNFH | CWT 10/45/25 ${ }^{\text {b }}$ |
| A | I | 22,036 | Sawtooth Hatchery | HNFH | CWT 10/45/29 |
| A | I | 21,716 | Sawtooth Hatchery | HNFH | CWT 10/45/30 |
| A | I | 21,305 | Sawtooth Hatchery | HNFH | CWT 10/45/31 |
| A | I | 21,682 | Sawtooth Hatchery | HNFH | CWT 10/45/32 |
| A | 1 | 22,297 | Sawtooth Hatchery | HNFH | CWT 10/45/33 |
| A | I | 20,379 | Sawtooth Hatchery | HNFH | CWT 10/45/34 ${ }^{\text {b }}$ |
| A | I | 513,842 | Sawtooth Hatchery | HNFH | None |
| A | I | 21,185 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/26 |
| A | I | 21,558 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/27 |
| A | I | 21,298 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/28 ${ }^{\text {b }}$ |
| A | I | 1,981 | Salmon R. @ Torreys Hole | HNFH | None |
| A | I | 61,552 | Salmon R. @ McNabbs Point | MVSH ${ }^{\text {c }}$ | CWT 10/35/11 ${ }^{\text {b }}$ |
| A | I | 140,416 | Salmon R. @ McNabbs Point | MVSH | None |
| A | I | 62,686 | Salmon R. @ Bruno's Bridge | MVSH | CWT 10/35/13 ${ }^{\text {b }}$ |
| A | I | 144,559 | Salmon R. @ Bruno's Bridge | MVSH | None |
| A | 1 | 61,077 | Pahsimeroi R. | NSPR ${ }^{\text {d }}$ | CWT 10/30/49 ${ }^{\text {b }}$ |
| A | I | 738,143 | Pahsimeroi R. | NSPR | None |
| A | I | 21,196 | Pahsimeroi R. | HNFH | None ${ }^{\text {b }}$ |
| A | I | 61,673 | Salmon R. @ Lemhi R. | MVSH | CWT 10/35/12 ${ }^{\text {b }}$ |
| A | 1 | 139,539 | Salmon R. @ Lemhi R. | MVSH | None |
| A | I | 61,852 | Salmon R. @ North Fork | MVSH | CWT 10/35/10 ${ }^{\text {b }}$ |
| A | I | 65,856 | Salmon R. @ North Fork | MVSH | None |
| A | I | 59,507 | Little Salmon R. | NSPR | CWT 10/30/50 ${ }^{\text {b }}$ |
| A | I | 98,501 | Little Salmon R. | NSPR | None |
| A | I | 20,699 | Little Salmon R. | HNFH | CWT 10/45/35 |
| A | I | 20,825 | Little Salmon R. | HNFH | CWT 10/45/36 |
| A | 1 | 19,762 | Little Salmon R. | HNFH | CWT 10/45/37 ${ }^{\text {b }}$ |
| A | I | 20,068 | Little Salmon R. | HNFH | CWT 10/45/38 |
| A | I | 21,012 | Little Salmon R. | HNFH | CWT 10/45/39 |
| A | I | 20,389 | Little Salmon R. | HNFH | CWT 10/45/40 ${ }^{\text {b }}$ |
| A | I | 406,511 | Little Salmon R. | HNFH | None |
| A | I | 61,313 | Salmon R.@ Hammer Cr. | NSPR | CWT 10/30/52 ${ }^{\text {b }}$ |
| A | I | 44,712 | Salmon R. @ Hammer Cr. | NSPR | None |
| A | 1 | 30,090 | Salmon R. @ Pine Bar Rapids | NSPR | None |
| Total |  | 3,156,069 |  |  |  |
| A | II | 19,923 | Sawtooth Hatchery | HNFH | CWT 10/45/07 ${ }^{\text {b }}$ |
| A | II | 19,689 | Sawtooth Hatchery | HNFH | CWT 10/45/08 ${ }^{\text {b }}$ |
| A | II | 19,900 | Sawtooth Hatchery | HNFH | CWT 10/45/09 ${ }^{\text {b }}$ |
| A | II | 20,321 | Sawtooth Hatchery | HNFH | CWT 10/45/10 ${ }^{\text {b }}$ |
| A | II | 20,331 | Sawtooth Hatchery | HNFH | CWT 10/45/11 ${ }^{\text {b }}$ |
| A | II | 20,591 | Sawtooth Hatchery | HNFH | CWT 10/45/12 ${ }^{\text {b }}$ |
| A | II | 23,576 | Sawtooth Hatchery | HNFH | CWT 10/45/18 ${ }^{\text {b }}$ |
| A | II | 21,995 | Sawtooth Hatchery | HNFH | CWT 10/45/19 ${ }^{\text {b }}$ |
| A | II | 18,109 | Sawtooth Hatchery | HNFH | CWT 10/45/20 ${ }^{\text {b }}$ |
| A | II | 500,571 | Sawtooth Hatchery | HNFH | None |
| A | II | 20,287 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/13 ${ }^{\text {b }}$ |
| A | II | 21,887 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/14 ${ }^{\text {b }}$ |

Appendix B. Continued.

| Strain | Ocean Age | No. of Fish | Release Site | Hatchery Rearing | Marks |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | II | 19,085 | Salmon R. @ Torreys Hole | HNFH | CWT 10/45/15 ${ }^{\text {b }}$ |
| A | II | 2,908 | Salmon R. @ Torreys Hole | HNFH | None |
| A | II | 20,625 | Salmon R. @ McNabbs Point | MVSH | CWT 10/20/16 ${ }^{\text {b }}$ |
| A | II | 20,776 | Salmon R. @ McNabbs Point | MVSH | CWT 10/20/17 ${ }^{\text {b }}$ |
| A | II | 21,144 | Salmon R. @ McNabbs Point | MVSH | CWT 10/20/18 ${ }^{\text {b }}$ |
| A | II | 145,300 | Salmon R. @ McNabbs Point | MVSH | None |
| A | 1 | 17,501 | Salmon R. @ Bruno's Bridge | MVSH | CWT 10/20/09 ${ }^{\text {b }}$ |
| A | II | 17,947 | Salmon R. @ Bruno's Bridge | MVSH | CWT 10/20/10 ${ }^{\text {b }}$ |
| A | 11 | 19,159 | Salmon R. @ Bruno's Bridge | MVSH | CWT 10/20/11 ${ }^{\text {b }}$ |
| A | II | 108,263 | Salmon R. @ Bruno's Bridge | MVSH | None |
| A | II | 64,953 | Pahsimeroi R. | NSPR | CWT 10/30/46 ${ }^{\text {b }}$ |
| A | II | 764,325 | Pahsimeroi R. | NSPR | None |
| A | II | 20,537 | Salmon R. @ Lemhi R. | MVSH | CWT 10/20/07 ${ }^{\text {b }}$ |
| A | II | 19,340 | Salmon R. @ Lemhi R. | MVSH | CWT 10/20/08 ${ }^{\text {b }}$ |
| A | II | 20,488 | Salmon R. @ Lemhi R. | MVSH | CWT 10/20/15 ${ }^{\text {b }}$ |
| A | 11 | 137,905 | Salmon R. @ Lemhi R. | MVSH | None |
| A | II | 31,186 | Salmon R. @ N. Fork | MVSH | CWT 10/46/60 ${ }^{\text {b }}$ |
| A | II | 30,811 | Salmon R. @ N. Fork | MVSH | CWT 10/46/61 ${ }^{\text {b }}$ |
| A | 11 | 53,053 | Salmon R. @ N. Fork | MVSH | None |
| A | II | 38,390 | Little Salmon R. | NSPR | CWT 10/20/19 ${ }^{\text {b }}$ |
| A | II | 92,767 | Little Salmon R. | NSPR | None |
| A | II | 21,481 | Little Salmon R. | HNFH | CWT 10/45/16 ${ }^{\text {b }}$ |
| A | II | 20,853 | Little Salmon R. | HNFH | CWT 10/45/17 ${ }^{\text {b }}$ |
| A | II | 22,923 | Little Salmon R. | HNFH | CWT 10/45/21 ${ }^{\text {b }}$ |
| A | II | 19,236 | Little Salmon R. | HNFH | CWT 10/45/22 ${ }^{\text {b }}$ |
| A | II | 316,011 | Little Salmon R. | HNFH | None |
| A | II | 64,057 | Salmon R. @ Hammer Cr. | NSPR | CWT 10/30/48 ${ }^{\text {b }}$ |
| A | 11 | 33,163 | Salmon R. @ Hammer Cr. | NSPR | None |
| A | II | 29,400 | Salmon R. @ Pine Bar Rapids | NSPR | None |
| Total |  | 2,920,766 |  |  |  |
| B | 1 | 61,695 | Slate Cr. | MVSH | CWT 10/35/07 ${ }^{\text {b }}$ |
| B | 1 | 174,602 | Slate Cr. | MVSH | None |
| B | I | 63,013 | E. Fork Salmon R. | MVSH | CWT 10/35/08 ${ }^{\text {b,e }}$ |
| B | I | 10,806 | E. Fork Salmon R. | MVSH | CWT 10/46/13 ${ }^{\text {b,f }}$ |
| B | 1 | 22,050 | E. Fork Salmon R. | MVSH | CWT 10/47/09 ${ }^{\text {+ }}$ |
| B | I | 30,064 | E. Fork Salmon R. | MVSH | None ${ }^{\text {t }}$ |
| B | I | 326,121 | E. Fork Salmon R. | MVSH | None ${ }^{\text {e }}$ |
| B | I | 32,320 | E. Fork Salmon R. @ Herd Cr. | MVSH | None ${ }^{\text {e }}$ |
| B | , | 62,227 | Little Salmon R. | MVSH | CWT 10/35/09 ${ }^{\text {b }}$ |
| B | I | 341,054 | Little Salmon R. | MVSH | None |
| Total |  | 1,129,952 |  |  |  |
| B | II | 20,328 | Slate Cr. | MVSH | CWT 10/20/01 ${ }^{\text {b }}$ |
| B | II | 20,983 | Slate Cr . | MVSH | CWT 10/20/02 ${ }^{\text {b }}$ |
| B | II | 20,391 | Slate Cr. | MVSH | CWT 10/20/05 ${ }^{\text {b }}$ |
| B | II | 154,233 | Slate Cr . | MVSH | None |
| B | II | 21,337 | E. Fork Salmon R. | MVSH | CWT 10/20/03 ${ }^{\text {b }}$ |
| B | II | 19,328 | E. Fork Salmon R. | MVSH | CWT 10/20/04 ${ }^{\text {b }}$ |
| B | II | 20,414 | E. Fork Salmon R. | MVSH | CWT 10/20/12 ${ }^{\text {b }}$ |
| B | 11 | 61,767 | E. Fork Salmon R. | MVSH | CWT 10/20/24 ${ }^{\text {b }}$ |
| B | II | 3,233 | E. Fork Salmon R. | MVSH | None ${ }^{\text {t }}$ |
| B | II | 362,626 | E. Fork Salmon R. | MVSH | None ${ }^{\text {e }}$ |

Appendix B. Continued.

| Strain | Ocean Age | No. of Fish | Release Site | Hatchery Rearing | Marks |
| :---: | :---: | :---: | :---: | :---: | :---: |
| B | II | 19,430 | Little Salmon R. | MVSH | CWT 10/20/06 ${ }^{\text {b }}$ |
| B | II | 19,546 | Little Salmon R. | MVSH | CWT 10/20/13 ${ }^{\text {b }}$ |
| B | II | 19,998 | Little Salmon R. | MVSH | CWT 10/20/14 ${ }^{\text {b }}$ |
| B | II | 283,706 | Little Salmon R. | MVSH | None |
| Total |  | 1,047,320 |  |  |  |
| B | III | 62,510 | Slate Cr. | MVSH | CWT 10/49/25 |
| B | III | 148,845 | Slate Cr. | MVSH | None ${ }^{\text {b }}$ |
| B | III | 21,296 | E. Fork Salmon R. | MVSH | CWT 10/47/10 |
| B | III | 20,648 | E. Fork Salmon R. | MVSH | CWT 10/47/11 |
| B | III | 21,377 | E. Fork Salmon R. | MVSH | CWT 10/47/12 |
| B | III | 21,369 | E. Fork Salmon R. | MVSH | CWT 10/47/13 |
| B | III | 20,443 | E. Fork Salmon R. | MVSH | CWT 10/47/21 |
| B | III | 20,974 | E. Fork Salmon R. | MVSH | CWT 10/47/22 |
| B | III | 226,333 | E. Fork Salmon R. | MVSH | None ${ }^{\text {b,f }}$ |
| B | III | 164,740 | E. Fork Salmon R. | MVSH | None ${ }^{\text {e }}$ |
| B | III | 20,891 | Little Salmon R. | MVSH | CWT 10/47/14 |
| B | III | 21,243 | Little Salmon R. | MVSH | CWT 10/47/15 |
| B | III | 21,582 | Little Salmon R. | MVSH | CWT 10/47/16 |
| B | III | 175,009 | Little Salmon R. | MVSH | None ${ }^{\text {b }}$ |
| Total |  | 967,260 |  |  |  |

${ }^{\text {a }}$ HNFH = Hagerman National Fish Hatchery.
${ }^{\text {b }}$ Release group includes fish marked with passive integrated transponder (PIT) tags.
${ }^{\text {c }}$ MVSH = Magic Valley Steelhead Hatchery.
d NSPR = Niagara Springs Fish Hatchery.
e Dworshak National Fish Hatchery stock.
${ }^{\dagger}$ East Fork Salmon River stock.

Appendix C. Steelhead groups expected to return to the Clearwater River, 1997-98.

| Strain | Ocean Age | No. of Fish | Release Site | Hatchery Rearing | Marks |
| :---: | :---: | :---: | :---: | :---: | :---: |
| B | I | 63,556 | Clearwater R. @ Clear Cr. | $\mathrm{CFH}^{\text {a }}$ | CWT 10/30/53 ${ }^{\text {b }}$ |
| B | I | 234,886 | Clearwater R. @ Clear Cr. | CFH | None |
| B | I | 21,913 | Clearwater R. @ Clear Cr. | DNFH ${ }^{\text {c }}$ | CWT 05/31/46 |
| B | I | 344,653 | Clearwater R. @ Clear Cr. | DNFH | None |
| B | I | 21,751 | Dworshak Hatchery | DNFH | CWT 05/31/44 |
| B | I | 21,310 | Dworshak Hatchery | DNFH | CWT 05/31/45 |
| B | I | 20,360 | Dworshak Hatchery | DNFH | CWT 05/31/49 |
| B | I | 20,276 | Dworshak Hatchery | DNFH | CWT 05/31/50 |
| B | I | 18,612 | Dworshak Hatchery | DNFH | CWT 05/31/51 |
| B | I | 20,670 | Dworshak Hatchery | DNFH | CWT 05/37/22 |
| B | I | 20,804 | Dworshak Hatchery | DNFH | CWT 05/37/23 |
| B | I | 19,034 | Dworshak Hatchery | DNFH | CWT 05/40/05 |
| B | I | 21,197 | Dworshak Hatchery | DNFH | CWT 05/40/06 |
| B | I | 18,803 | Dworshak Hatchery | DNFH | CWT 05/40/07 |
| B | I | 1,174,618 | Dworshak Hatchery | DNFH | None |
| B | I | 6,164 | Red R. | CFH | CWT 10/46/30 |
| B | I | 8,190 | Red R. | CFH | None ${ }^{\text {b }}$ |
| B | I | 35,970 | South Fork Red R. | CFH | CWT 10/20/22 ${ }^{\text {d,e }}$ |
| B | I | 6,256 | South Fork Red R. | CFH | None ${ }^{\text {b,d,e }}$ |
| B | I | 46,018 | Crooked R. | CFH | LV Clip ${ }^{\text {b }}$ |
| B | I | 61,878 | South Fork Clearwater R. | DNFH | CWT 05/32/12 |
| B | I | 520,489 | South Fork Clearwater R. | DNFH | None |
| B | I | 63,743 | South Fork Clearwater R. | CFH | CWT 10/20/29 ${ }^{\text {b }}$ |
| B | I | 63,551 | South Fork Clearwater R. | CFH | CWT 10/35/14 ${ }^{\text {b }}$ |
| B | I | 64,254 | South Fork Clearwater R. | CFH | CWT 10/35/15 ${ }^{\text {b }}$ |
| B | 1 | 236,965 | South Fork Clearwater R. | CFH | None |
| Total |  | 3,114,903 |  |  |  |
| B | II | 18,951 | Clearwater R. @ Button Beach | DNFH | CWT 05/24/54 |
| B | II | 131,795 | Clearwater R. @ Button Beach | DNFH | None |
| B | II | 56,573 | Clearwater R. @ Clear Cr. | CFH | CWT 10/20/25 ${ }^{\text {b }}$ |
| B | II | 62,835 | Clearwater R. @ Clear Cr. | CFH | CWT 10/20/26 ${ }^{\text {b }}$ |
| B | II | 58,316 | Clearwater R. @ Clear Cr. | CFH | CWT 10/20/27 ${ }^{\text {b }}$ |
| B | II | 5,988 | Clearwater R. @ Clear Cr. | CFH | None |
| B | II | 19,849 | Clearwater R. @ Clear Cr. | DNFH | CWT 05/24/63 |
| B | II | 328,269 | Clearwater R. @ Clear Cr. | DNFH | None |
| B | II | 19,385 | Dworshak Hatchery | DNFH | CWT 05/24/55 |
| B | II | 18,437 | Dworshak Hatchery | DNFH | CWT 05/24/56 |
| B | II | 18,573 | Dworshak Hatchery | DNFH | CWT 05/24/57 |
| B | II | 20,488 | Dworshak Hatchery | DNFH | CWT 05/24/58 |
| B | II | 14,763 | Dworshak Hatchery | DNFH | CWT 05/24/59 |
| B | II | 19,635 | Dworshak Hatchery | DNFH | CWT 05/24/60 |
| B | II | 20,372 | Dworshak Hatchery | DNFH | CWT 05/24/61 |
| B | II | 22,297 | Dworshak Hatchery | DNFH | CWT 05/24/62 |
| B | II | 21,747 | Dworshak Hatchery | DNFH | CWT 05/31/48 |
| B | II | 1,037,880 | Dworshak Hatchery | DNFH | None |
| B | II | 22,056 | Red R. | CFH | CWT 10/45/05 ${ }^{\text {d,e }}$ |
| B | II | 21,585 | Red R. | CFH | CWT 10/45/06 ${ }^{\text {d,e }}$ |
| B | II | 6,140 | Red R. | CFH | None ${ }^{\text {b,d,e }}$ |
| B | II | 21,326 | South Fork Clearwater R. | DNFH | CWT 05/31/47 |
| B | II | 18,893 | South Fork Clearwater R. | DNFH | CWT 05/33/62 |

Appendix C. Continued.

| Strain | Ocean Age | No. of Fish | Release Site | Hatchery Rearing | Marks |
| :---: | :---: | :---: | :---: | :---: | :---: |
| B | II | 20,065 | South Fork Clearwater R. | DNFH | CWT 05/33/63 |
| B | II | 614,457 | South Fork Clearwater R. | DNFH | None |
| B | II | 42,595 | South Fork Clearwater R. | CFH | CWT 10/46/21 ${ }^{\text {b }}$ |
| B | II | 21,242 | South Fork Clearwater R. | CFH | CWT 10/47/27 ${ }^{\text {b }}$ |
| B | II | 21,350 | South Fork Clearwater R. | CFH | CWT 10/47/28 ${ }^{\text {b }}$ |
| B | II | 319,063 | South Fork Clearwater R. | CFH | None ${ }^{\text {b }}$ |
| Total |  | 3,024,925 |  |  |  |
| B | III | 136,447 | Clearwater R. @ Button Beach | DNFH | None |
| B | III | 21,507 | Clearwater R. @ Clear Cr. | CFH | CWT 10/47/29 |
| B | III | 21,562 | Clearwater R. @ Clear Cr. | CFH | CWT 10/47/30 |
| B | III | 20,827 | Clearwater R. @ Clear Cr. | CFH | CWT 10/47/33 ${ }^{\text {b }}$ |
| B | III | 89,964 | Clearwater R. @ Clear Cr. | CFH | None ${ }^{\text {c }}$ |
| B | III | 1,149 | Clearwater R. @ Clear Cr. | DNFH | CWT 05/34/06 |
| B | III | 2,187 | Clearwater R. @ Clear Cr. | DNFH | CWT 05/34/07 |
| B | III | 346,297 | Clearwater R. @ Clear Cr. | DNFH | None |
| B | III | 19,422 | Dworshak Hatchery | DNFH | CWT 05/21/53 |
| B | III | 20,451 | Dworshak Hatchery | DNFH | CWT 05/21/54 |
| B | III | 18,551 | Dworshak Hatchery | DNFH | CWT 05/21/55 |
| B | III | 19,318 | Dworshak Hatchery | DNFH | CWT 05/21/56 |
| B | III | 18,264 | Dworshak Hatchery | DNFH | CWT 05/30/12 |
| B | III | 5,148 | Dworshak Hatchery | DNFH | CWT 05/31/41 |
| B | III | 9,509 | Dworshak Hatchery | DNFH | CWT 05/31/42 |
| B | III | 22,189 | Dworshak Hatchery | DNFH | CWT 05/31/43 |
| B | III | 19,769 | Dworshak Hatchery | DNFH | CWT 05/34/05 |
| B | III | 1,000,796 | Dworshak Hatchery | DNFH | None |
| B | III | 21,779 | Crooked R. | CFH | CWT 10/47/32 ${ }^{\text {b }}$ |
| B | III | 20,883 | Crooked R. | CFH | CWT 10/47/37 ${ }^{\text {b }}$ |
| B | III | 61,788 | Crooked R. | CFH | None |
| B | III | 71,566 | Crooked R. | CFH | RV Clip ${ }^{\text {b,d }}$ |
| B | III | 50,027 | South Fork Red R. | CFH | None ${ }^{\text {b,d,e }}$ |
| B | III | 20,424 | South Fork Clearwater R. | CFH | CWT 10/47/31 |
| B | III | 21,086 | South Fork Clearwater R. | CFH | CWT 10/47/34 ${ }^{\text {b }}$ |
| B | III | 22,137 | South Fork Clearwater R. | CFH | CWT 10/47/35 ${ }^{\text {b }}$ |
| B | III | 21,430 | South Fork Clearwater R. | CFH | CWT 10/47/36 ${ }^{\text {b }}$ |
| B | III | 307,988 | South Fork Clearwater R. | CFH | None ${ }^{\text {b }}$ |
| B | III | 184,380 | South Fork Clearwater R. | DNFH | None |
| Total |  | 2,596,845 |  |  |  |

${ }^{\text {a }} \mathrm{CFH}=$ Clearwater Fish Hatchery.
${ }^{b}$ Release group includes fish marked with passive integrated transponder (PIT) tags.
${ }^{\text {c }}$ DNFH = Dworshak National Fish Hatchery.
${ }^{d}$ Fingerling release.
e Fall release

Appendix D. Statewide harvest estimate ${ }^{\mathrm{a}}$ of steelhead by section and month by resident and nonresident anglers, fall 1997 and spring 1998.

| River Section | Fall 1997 Steelhead Harvest |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | September | October | November | December | Total |
| Snake R. |  |  |  |  |  |
| 01 | 140 | 2,300 | 1,701 | 697 | 4,839 |
| Subtotal | 140 | 2,300 | 1,701 | 697 | 4,839 |
| Clearwater R. |  |  |  |  |  |
| 03 | 348 | 1,277 | 1,549 | 648 | 3,823 |
| 04 | 0 | 174 | 247 | 71 | 493 |
| 05 | 35 | 100 | 208 | 100 | 443 |
| 06 | 0 | 35 | 18 | 0 | 53 |
| 07 | 0 | 48 | 71 | 18 | 137 |
| Subtotal | 383 | 1,634 | 2,093 | 837 | 4,949 |
| Salmon R. |  |  |  |  |  |
| 10 | 62 | 1,623 | 1,231 | 479 | 3,394 |
| 11 | 18 | 835 | 1,109 | 354 | 2,317 |
| 12 | 0 | 192 | 437 | 97 | 726 |
| 13 | 0 | 69 | 53 | 0 | 123 |
| 14 | 0 | 355 | 496 | 89 | 939 |
| 15 | 35 | 1,322 | 1,148 | 158 | 2,664 |
| 16 | 78 | 142 | 231 | 18 | 468 |
| 17 | 0 | 89 | 156 | 0 | 245 |
| 18 | 0 | 18 | 0 | 0 | 18 |
| 19 | 0 | 0 | 65 | 0 | 65 |
| 20 | 18 | 105 | 337 | 35 | 495 |
| Subtotal | 211 | 4,750 | 5,263 | 1,230 | 11,454 |
| Total | 734 | 8,684 | 9,057 | 2,764 | 21,242 |

Appendix D. Continued.

| River Section | Spring 1998 Steelhead Harvest |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | January | February | March | April | Total |
| Snake R. |  |  |  |  |  |
| 01 | 352 | 172 | 49 | 0 | 573 |
| Subtotal | 352 | 172 | 49 | 0 | 573 |
| Clearwater R. |  |  |  |  |  |
| 03 | 381 | 405 | 282 | 0 | 1,069 |
| 04 | 74 | 114 | 114 | 49 | 351 |
| 05 | 148 | 74 | 86 | 197 | 505 |
| 06 | 0 | 0 | 86 | 98 | 184 |
| 07 | 0 | 25 | 160 | 368 | 554 |
| Subtotal | 603 | 618 | 728 | 712 | 2,663 |
| Salmon R. |  |  |  |  |  |
| 10 | 172 | 111 | 123 | 49 | 455 |
| 11 | 332 | 542 | 486 | 49 | 1,409 |
| 12 | 135 | 136 | 412 | 12 | 695 |
| 13 | 37 | 154 | 37 | 0 | 228 |
| 14 | 49 | 283 | 259 | 163 | 754 |
| 15 | 98 | 688 | 1,472 | 540 | 2,798 |
| 16 | 37 | 209 | 388 | 442 | 1,075 |
| 17 | 0 | 184 | 331 | 957 | 1,472 |
| 18 | 37 | 12 | 147 | 763 | 960 |
| 19 | 25 | 0 | 233 | 576 | 834 |
| 20 | 37 | 86 | 284 | 1,216 | 1,624 |
| Subtotal | 959 | 2,405 | 4,172 | 4,767 | 12,304 |
| Total | 1,914 | 3,195 | 4,949 | 5,479 | 15,540 |

[^0]Appendix E. Estimated steelhead run composition at Bonneville Dam, April 1-November 15, 1997.

|  | Week | Dam Count | N | Dam Count \% | No. Natural $<77.5^{\text {a }}$ | \% | No. Hatchery <77.5 | \% | No. Natural >77.5 | \% | No. Hatchery >77.5 | \% | Natural <77.5 | Estimate Hatchery <77.5 | d Counts Natural $>77.5$ | Hatchery >77.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4/1-6/8 | 5,360 | 98 | 1.8 | 9 | 9.2 | 81 | 82.7 | 0 | 0 | 8 | 8.2 | 492 | 4,430 |  | 438 |
|  | 6/9-15 | 898 | 40 | 4.5 | 3 | 7.5 | 35 | 87.5 | 1 | 2.5 | 1 | 2.5 | 67 | 786 | 22 | 22 |
|  | 6/16-22 | 1,922 | 22 | 1.1 | 2 | 9.1 | 19 | 86.4 | 0 | 0 | 1 | 4.5 | 175 | 1,660 |  | 87 |
|  | 6/23-29 | 3,094 | 98 | 3.2 | 13 | 13.3 | 81 | 82.7 | 0 | 0 | 4 | 4.1 | 410 | 2,557 |  | 126 |
|  | 6/30-7-6 | 4,444 | 107 | 2.4 | 14 | 13.1 | 87 | 81.3 | 0 | 0.1 | 6 | 5.6 | 581 | 3,613 |  | 249 |
|  | 7/7-13 | 5,946 | 70 | 1.2 | 11 | 15.7 | 53 | 75.7 | 3 | 4.6 | 3 | 4.3 | 934 | 4,502 | 255 | 255 |
|  | 7/14-20 | 8,350 | 79 | 0.9 | 12 | 15.2 | 62 | 78.5 | 2 | 2.5 | 3 | 3.8 | 1,268 | 6,553 | 211 | 317 |
|  | 7/21-27 | 17,476 | 64 | 0.4 | 14 | 21.9 | 50 | 78.1 | 0 | ( | 0 | 0 | 3,823 | 13,653 |  |  |
|  | 7/28-8/3 | 40,462 | 60 | 0.1 | 19 | 31.7 | 40 | 66.7 | 0 | $($ | 1 | 1.7 | 12,813 | 26,975 |  | 674 |
|  | 8/4-10 | 39,188 | 200 | 0.5 | 25 | 12.5 | 171 | 85.5 | 2 | 1.0 | 2 | 1.0 | 4,899 | 33,506 | 392 | 392 |
|  | 8/11-17 | 21,298 | 195 | 0.9 | 31 | 15.9 | 158 | 81.0 | 1 | 0.5 | 5 | 2.6 | 3,386 | 17,257 | 109 | 546 |
|  | 8/18-24 | 23,202 | 143 | 0.6 | 17 | 11.9 | 113 | 79.0 | 4 | 2.8 | 9 | 6.3 | 2,758 | 18,334 | 649 | 1,460 |
|  | 8/25 | 3,106 | 175 | 5.6 | 7 | 4.0 | 160 | 91.4 | 1 | 0.6 | 7 | 4.0 | 124 | 2,840 | 18 | 124 |
| $\stackrel{\rightharpoonup}{\omega}$ | 8/26-31 | 16,225 | 175 | 1.1 | 7 | 4.0 | 160 | 91.4 | 1 | 0.6 | 7 | 4.0 | 649 | 14,834 | 93 | 649 |
| $\xrightarrow{\omega}$ | 9/1-7 | 16,977 | 200 | 1.2 | 15 | 7.5 | 150 | 75.0 | 4 | 2.1 | 31 | 15.5 | 1,273 | 12,733 | 340 | 2,631 |
|  | 9/8-14 | 6,330 | 175 | 2.8 | 7 | 4.0 | 113 | 64.6 | 3 | 1.7 | 52 | 29.7 | 253 | 4,087 | 109 | 1,881 |
|  | 9/15-21 | 9,965 | 144 | 1.4 | 6 | 4.2 | 74 | 51.4 | 10 | 6.5 | 54 | 37.5 | 415 | 5,121 | 692 | 3,737 |
|  | 9/22-28 | 12,580 | 100 | 0.8 | 6 | 6.0 | 36 | 36.0 | 2 | 2.0 | 56 | 56.0 | 755 | 4,529 | 252 | 7,045 |
|  | 9/29-10/5 | 6,052 | 114 | 1.9 | 5 | 4.4 | 31 | 27.2 | 1 | 0.9 | 77 | 67.5 | 265 | 1,646 | 53 | 4,088 |
|  | 10/6-12 | 3,795 | 100 | 2.6 | 6 | 6.0 | 50 | 50.0 | 3 | 3.0 | 41 | 41.0 | 228 | 1,898 | 114 | 1,556 |
|  | 10/13-11/15 | 10,794 | 89 | 0.8 | 6 | 6.7 | 28 | 31.5 | 2 | 2.2 | 53 | 59.6 | 728 | 3,396 | 243 | 6,428 |
|  | Total | 257,464 | 2,448 |  | 235 |  | 1,752 |  | 40 |  | 421 |  | 36,298 | 184,909 | 3,550 | 32,706 |
|  | \% |  |  | 1.0 |  |  |  |  |  |  |  |  | 14.1 | 71.8 | 1.4 | 12.7 |
|  | Adjusted Total ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  | 35,407 |  | 4,441 |  |

${ }^{\text {a }}$ All fish measured in centimeter fork length.
${ }^{\text {b }}$ Counts adjusted for overlap percentages: $2 \%$ for the number of naturally-produced fish $<77.5 \mathrm{~cm}$ fork length, $36 \%$ for the number of naturally-produced fish $>77.5 \mathrm{~cm}$ fork length.

Appendix F. Estimated steelhead run composition at Lower Granite Dam, June 1-December 15, 1997, and March 1-May 31, 1998.

${ }_{b}^{\text {a }}$ All fish measured in centimeter fork length.
${ }^{\text {b }}$ Counts adjusted for overlap percentages: $36 \%$ for the number of naturally-produced fish $<77.5 \mathrm{~cm}$ fork length, $14 \%$ for the number of naturally-produced fish $>77.5 \mathrm{~cm}$ fork length.

Appendix G. Miscellaneous coded-wire tag steelhead groups that were recovered by Idaho anglers, 1997-98.

| Strain | Ocean Age | No. of Fish | Tagging Release Site | Agency | Marks |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | , | 27,223 | Wallowa R. @ Big Canyon Cr. | ODFW ${ }^{\text {a }}$ | CWT 07/11/59 |
| A | I | 27,289 | Wallowa R. @ Big Canyon Cr. | ODFW | CWT 07/11/60 |
| A | I | 27,289 | Wallowa R. @ Spring Cr. | ODFW | CWT 07/11/63 |
| A | I | 26,986 | Imnaha R. @ Little Sheep Cr. | ODFW | CWT 07/12/18 |
| A | I | 39,292 | Touchet R. | WDFW ${ }^{\text {b }}$ | CWT 63/60/30 |
| A | 1 | 39,397 | Touchet R. | WDFW | CWT 63/60/31 |
| A | 1 | 29,136 | Tucannon R. | WDFW | CWT 63/60/33 |
| A | I | 19,820 | Lower Snake R. | WDFW | CWT 63/60/34 |
| A | , | 19,514 | Lower Snake R. | WDFW | CWT 63/60/36 |
| A | II | 50,524 | Wallowa R. @ Big Canyon Cr. | ODFW | CWT 07/09/20 |
| A | II | 26,336 | Wallowa R. @ Spring Cr. | ODFW | CWT 07/58/22 |
| A | II | 17,990 | Tucannon R. | WDFW | CWT 63/57/17 |
| A | II | 18,112 | Tucannon R. | WDFW | CWT 63/57/18 |
| A | II | 39,737 | Lower Snake R. | WDFW | CWT 63/57/28 |
| A | II | 16,546 | Tucannon R. | WDFW | CWT 63/57/48 |

${ }^{\text {a }}$ ODFW $=$ Oregon Department of Fish and Wildlife.
${ }^{\mathrm{b}}$ WDFW = Washington Department of Fish and Wildlife.

Appendix H. Coded-wire tag recoveries of Idaho's LSRCP steelhead from downriver and ocean fisheries during 1997-98. Data queried from PSMFC as of May 15, 2001. Sampling rate expansions not available for all harvest areas.

| Tag Code | Ocean |  | Lower Columbia River |  |  |  | Zone 6 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Sport |  | Tributary Sport |  |  |  |
|  | No. Tags | Est. Harv. | No. Tags | Est. Harv. | No. Tags | Est. Harv. | No. Tags | Est. Harv. |
| 10/20/01 |  |  | 1 | 1 |  |  |  |  |
| 10/20/06 | 2 | 4 |  |  |  |  |  |  |
| 10/20/12 |  |  | 1 | 1 |  |  |  |  |
| 10/20/24 |  |  | 1 | 1 |  |  |  |  |
| 10/20/25 |  |  | 4 | 4 |  |  | 1 | 3 |
| 10/20/26 |  |  | 7 | 7 |  |  | 2 | 3 |
| 10/20/27 |  |  | 2 | 2 | 1 | 1 | 1 | 3 |
| 10/20/29 |  |  |  |  |  |  | 1 | 2 |
| 10/30/46 | 1 |  |  |  |  |  |  |  |
| 10/35/09 | 1 |  |  |  |  |  |  |  |
| 10/35/11 |  |  |  |  |  |  | 1 | 3 |
| 10/45/11 | 1 |  |  |  |  |  |  |  |
| 10/45/12 | 1 | 1 |  |  |  |  |  |  |
| 10/45/20 | 1 |  |  |  |  |  |  |  |
| 10/46/21 |  |  | 11 | 16 | 2 | 2 | , | 3 |
| 10/47/27 |  |  | 1 | 1 |  |  | 1 | 1 |
| 10/47/28 |  |  | 2 | 2 |  |  |  |  |
| 10/49/25 |  |  | 1 | 1 |  |  |  |  |
| Total | 7 | 5 | 31 | 36 | 3 | 3 | 8 | 18 |

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[^0]:    ${ }^{\text {a }}$ Statewide harvest survey data from Thomas J. McArthur, IDFG (unpublished). Only LSRCP creel areas are included in this table.

