

Susitna-Watana Hydroelectric Project Document ARLIS Uniform Cover Page

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PART A - APPENDIX B: DISTRIBUTION OF FISH RADIO-TAGGED IN THE MIDDLE AND LOWER SUSITNA RIVER, 2013

**Susitna-Watana Hydroelectric Project
(FERC No. 14241)**

**Study of Fish Distribution and Abundance in the
Middle and Lower Susitna River Study (9.6)**

**Part A - Appendix B
Distribution of Fish Radio-Tagged in the Middle and
Lower Susitna River, 2013**

Initial Study Report

Prepared for

Alaska Energy Authority



SUSITNA-WATANA HYDRO

Clean, reliable energy for the next 100 years.

Prepared by

LGL Alaska Research Associates, Inc.]

June 2014

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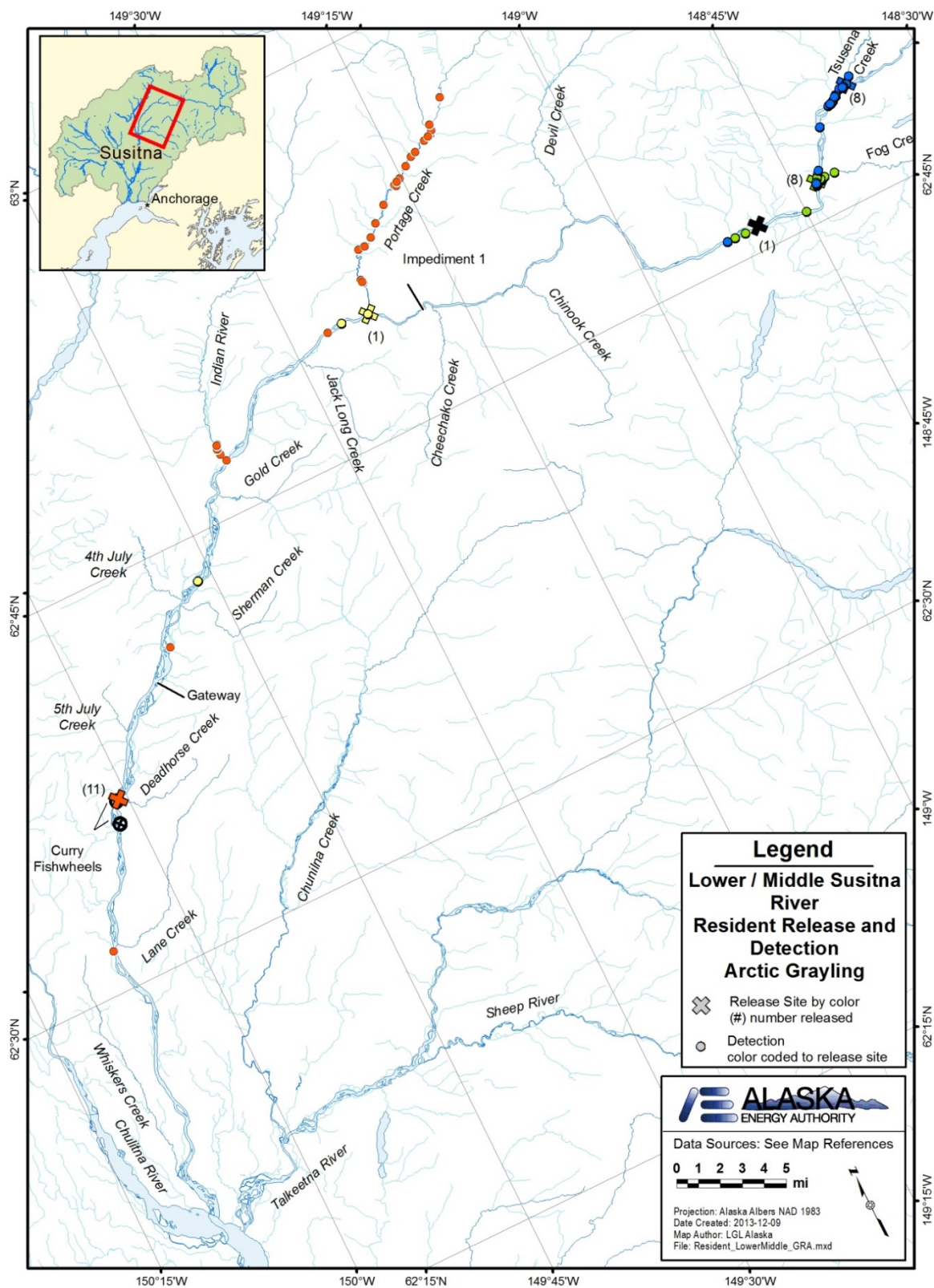


Figure B1. Live detections of radio-tagged Arctic Grayling released in the Middle Susitna River, 1 June – 31 August, 2013. Color-coded X's indicate release sites and respectively colored individual dots indicate last-known locations of each unique fish for each two week analysis period (see Table B1).

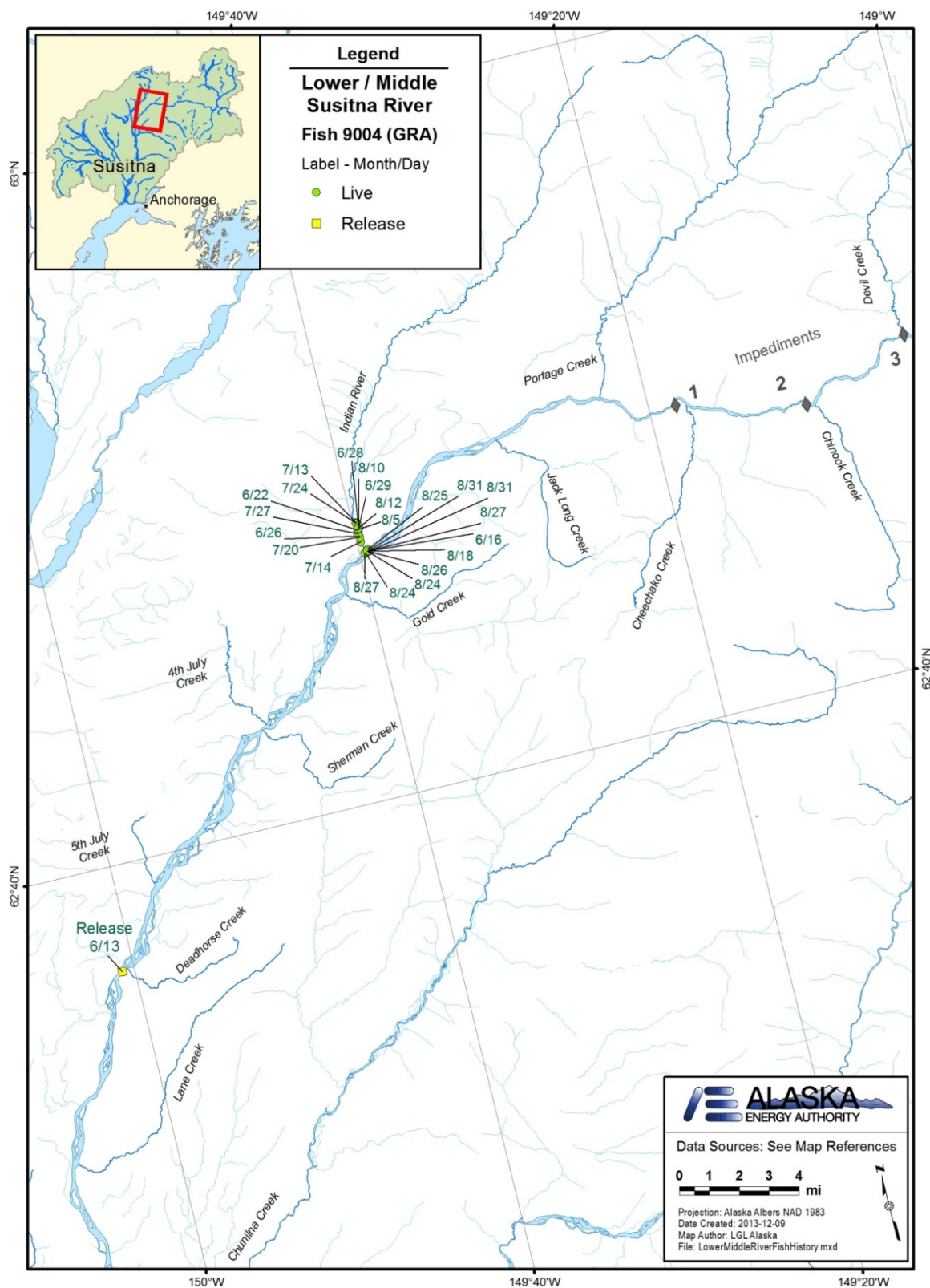


Figure B2. Live detections of radio-tagged Arctic Grayling #9004 released in the Middle Susitna River on 13 June, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.

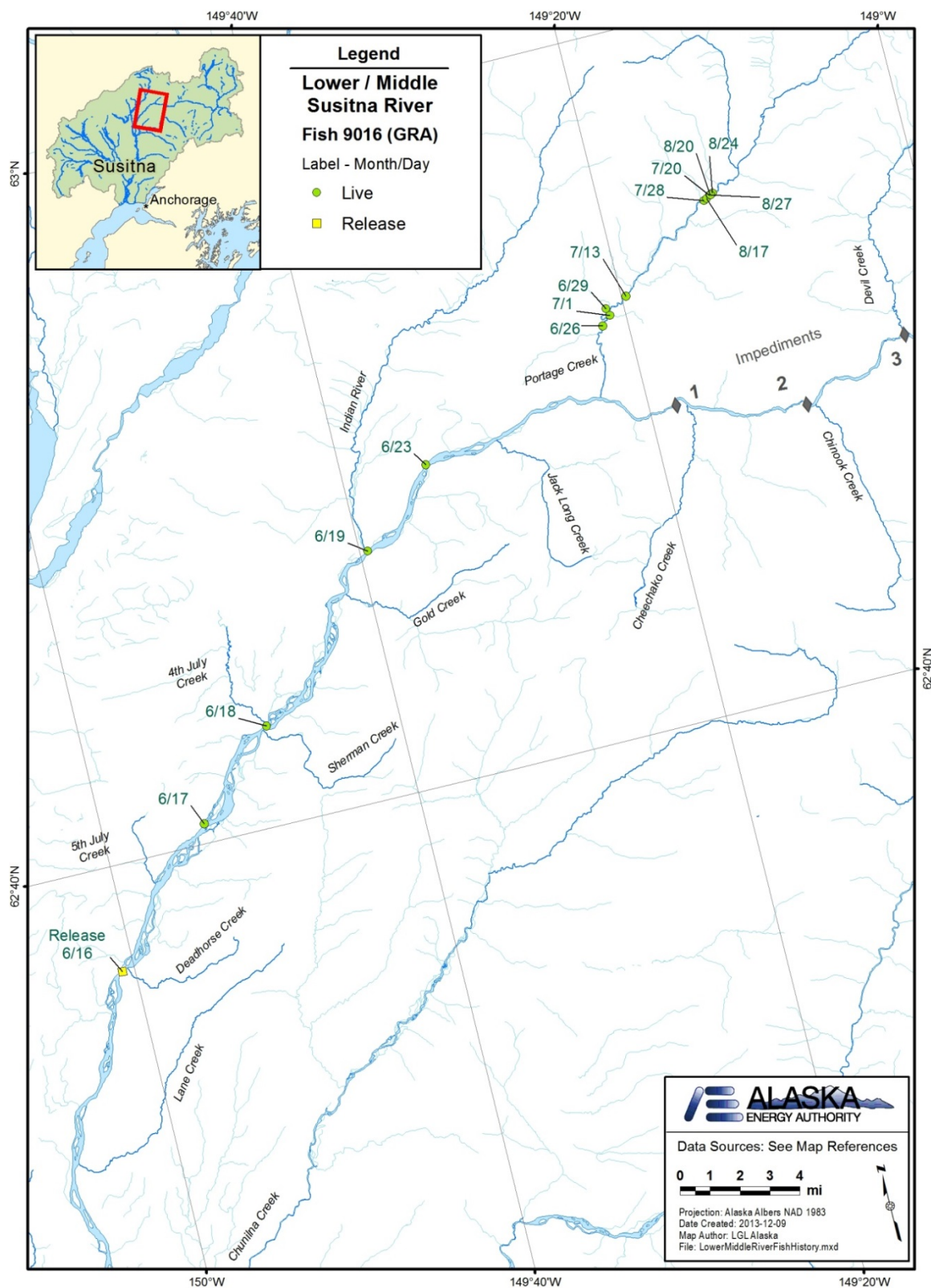


Figure B3. Live detections of radio-tagged Arctic Grayling #9016 released in the Middle Susitna River on 16 June, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.

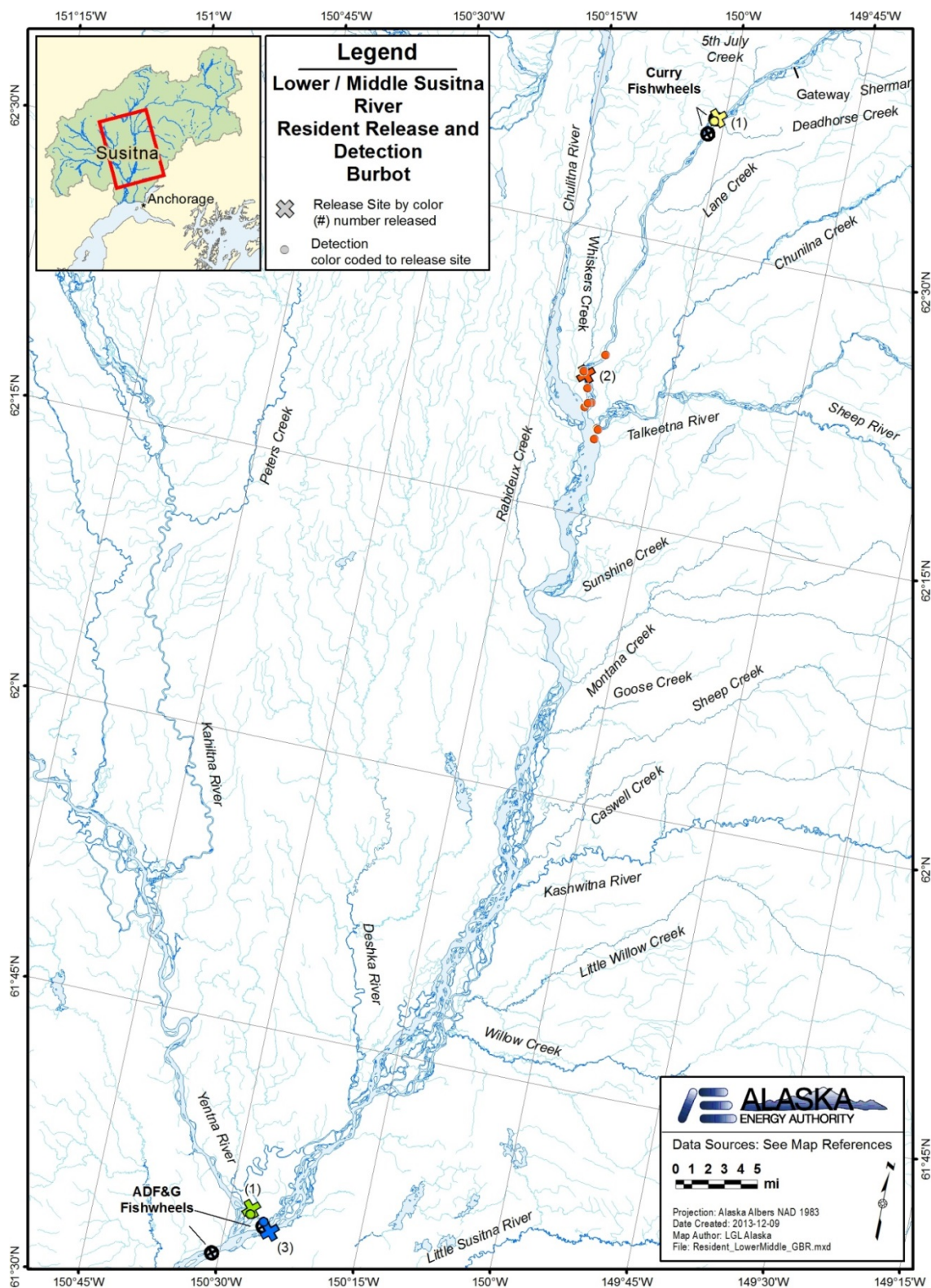


Figure B4. Live detections of radio-tagged Burbot released in the Middle Susitna River, 1 June – 31 August, 2013. Color-coded X's indicate release sites and respectively colored individual dots indicate last-known locations of each unique fish for each two week analysis period (see Table B2).

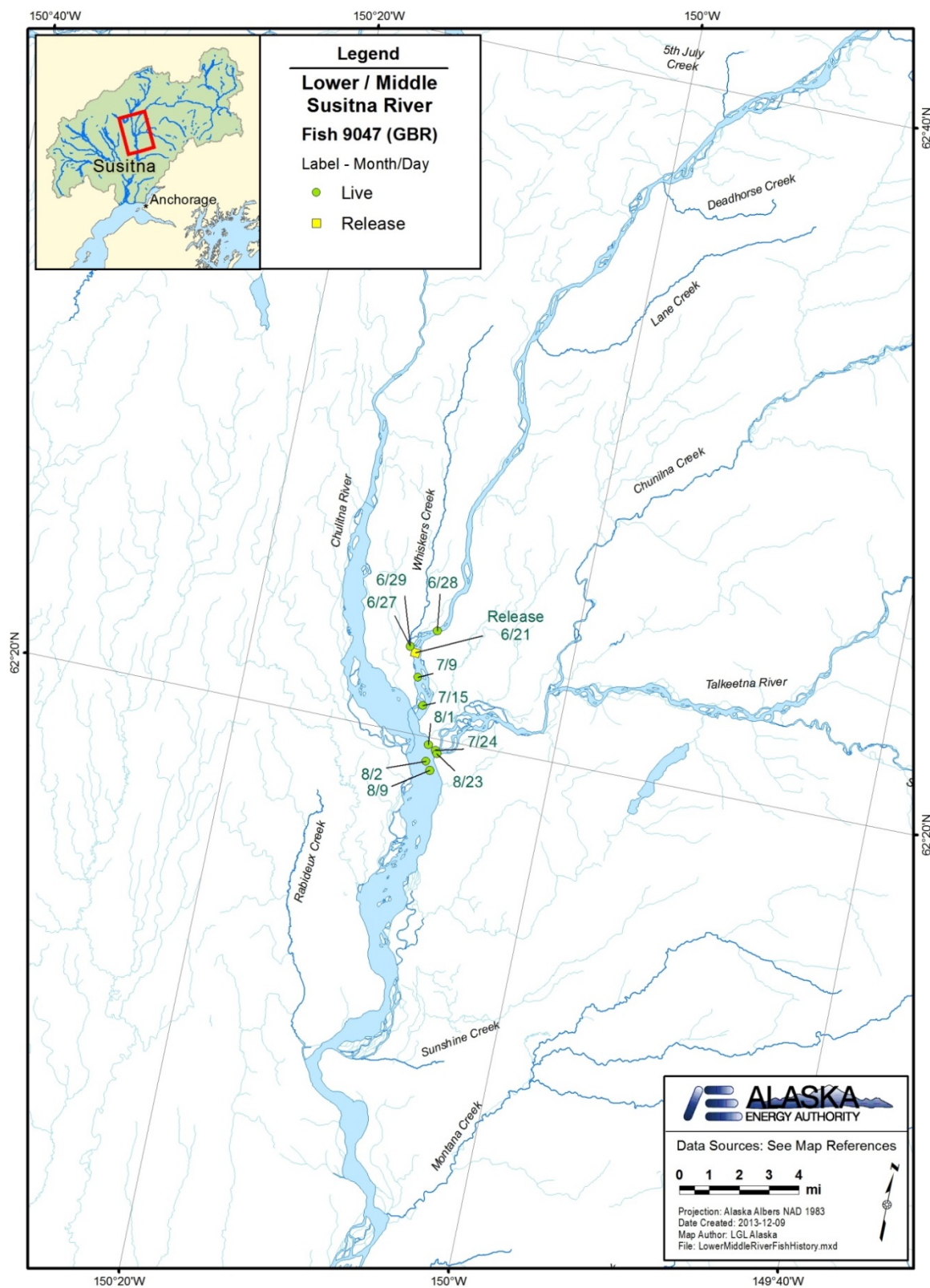


Figure B5. Live detections of radio-tagged Burbot #9047 released in the Middle Susitna River on 21 June, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.

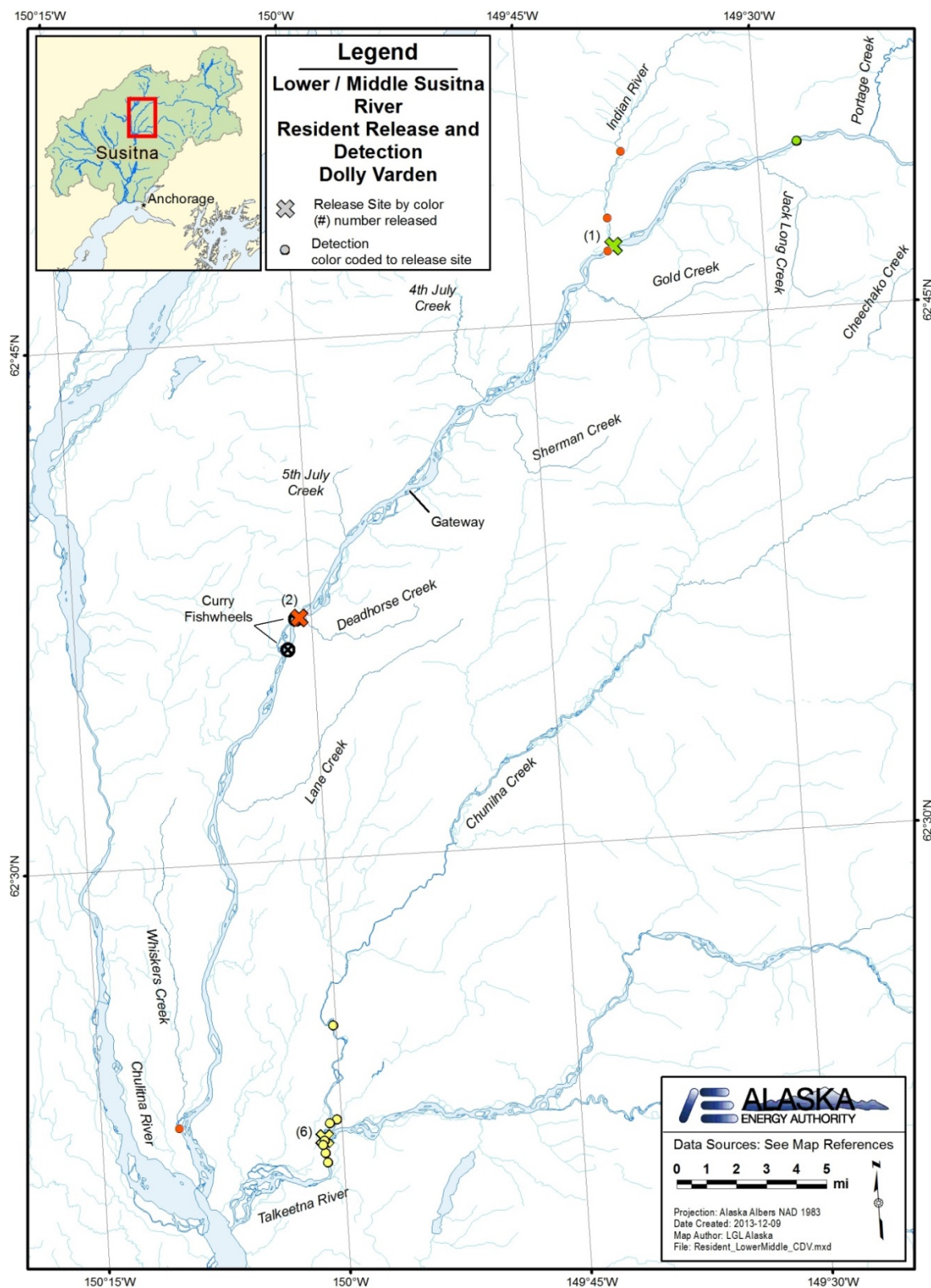


Figure B6. Live detections of radio-tagged Dolly Varden released in the Middle Susitna River, 1 June – 31 August, 2013. Color-coded X's indicate release sites and respectively colored individual dots indicate last-known locations of each unique fish for each two week analysis period (see Table B3).

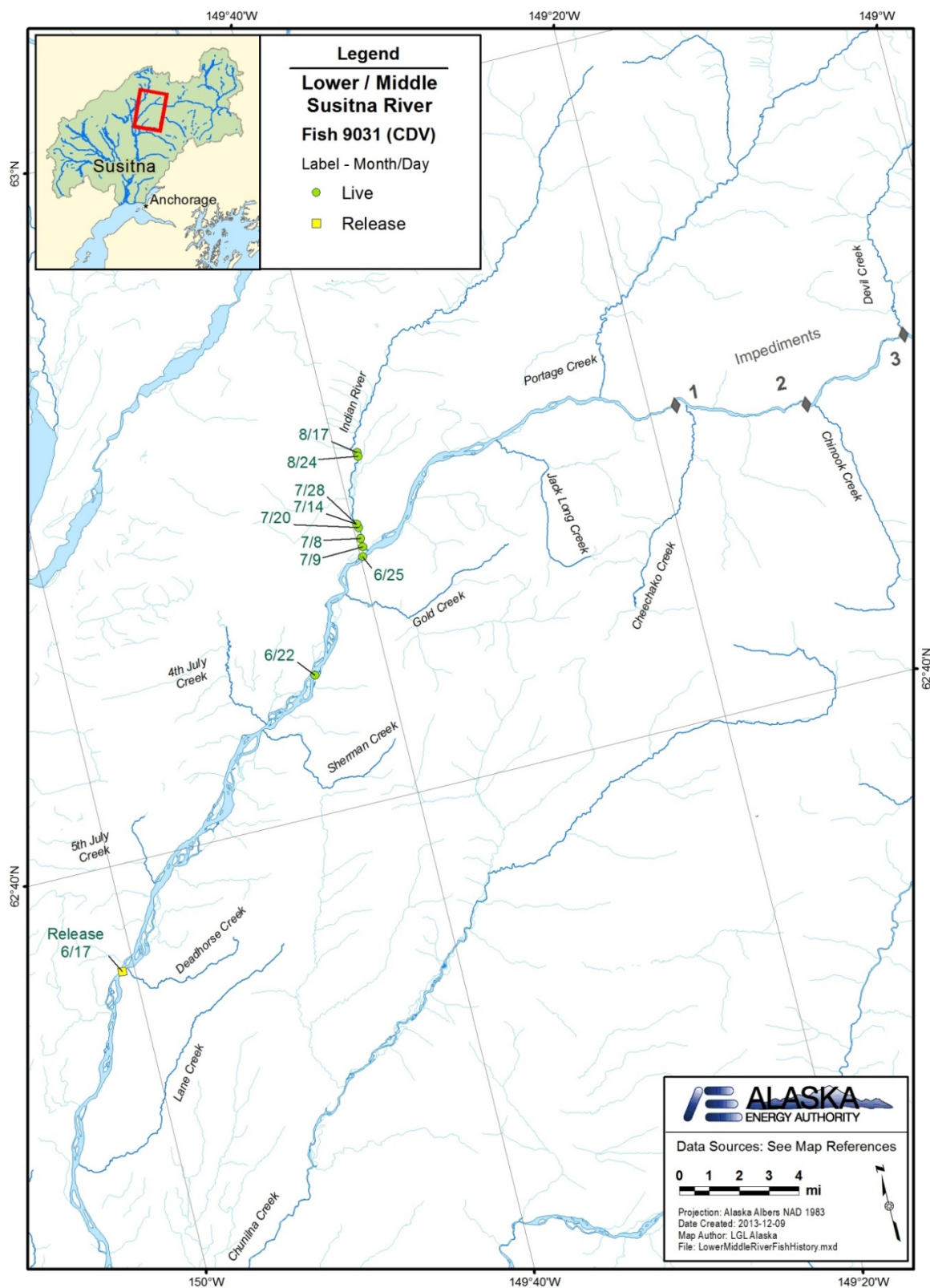


Figure B7. Live detections of radio-tagged Dolly Varden #9031 released in the Middle Susitna River on 17 June, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.

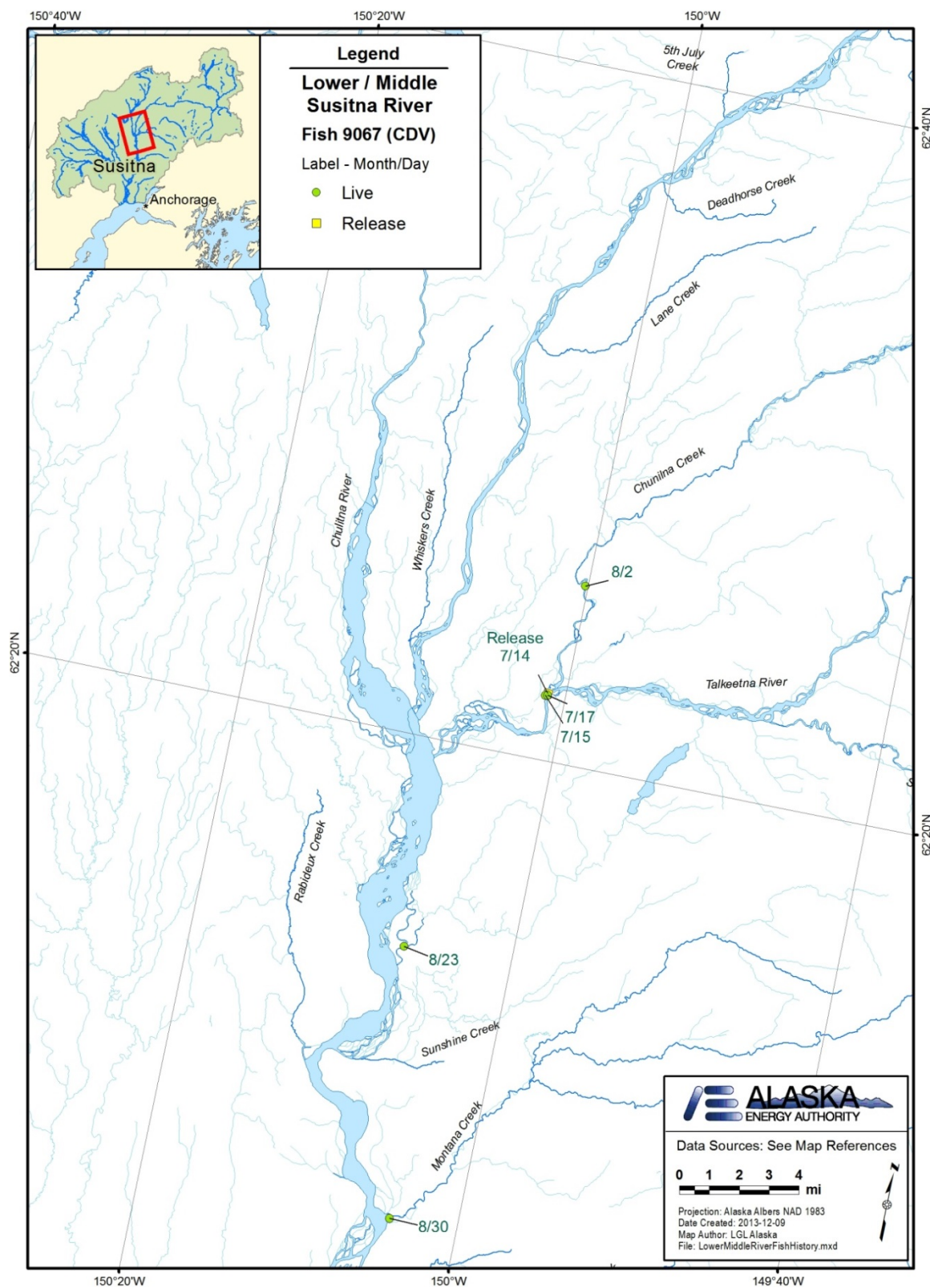


Figure B8. Live detections of radio-tagged Dolly Varden #9067 released in the Talkeetna River on 14 July, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.

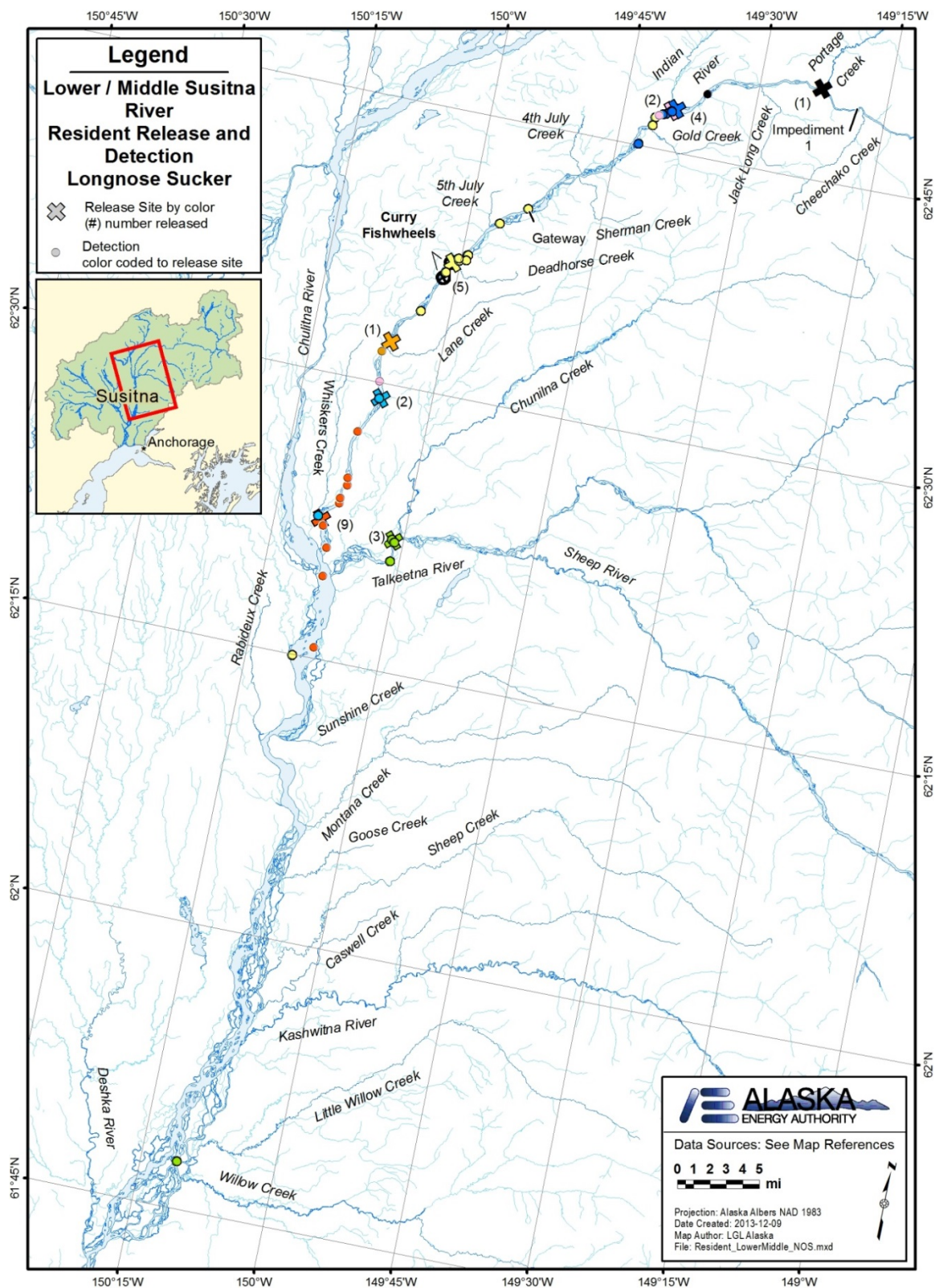


Figure B9. Live detections of radio-tagged Longnose Sucker released in the Middle Susitna River, 1 June – 31 August, 2013. Color-coded X's indicate release sites and respectively colored individual dots indicate last-known locations of each unique fish for each two week analysis period (see Table B4).

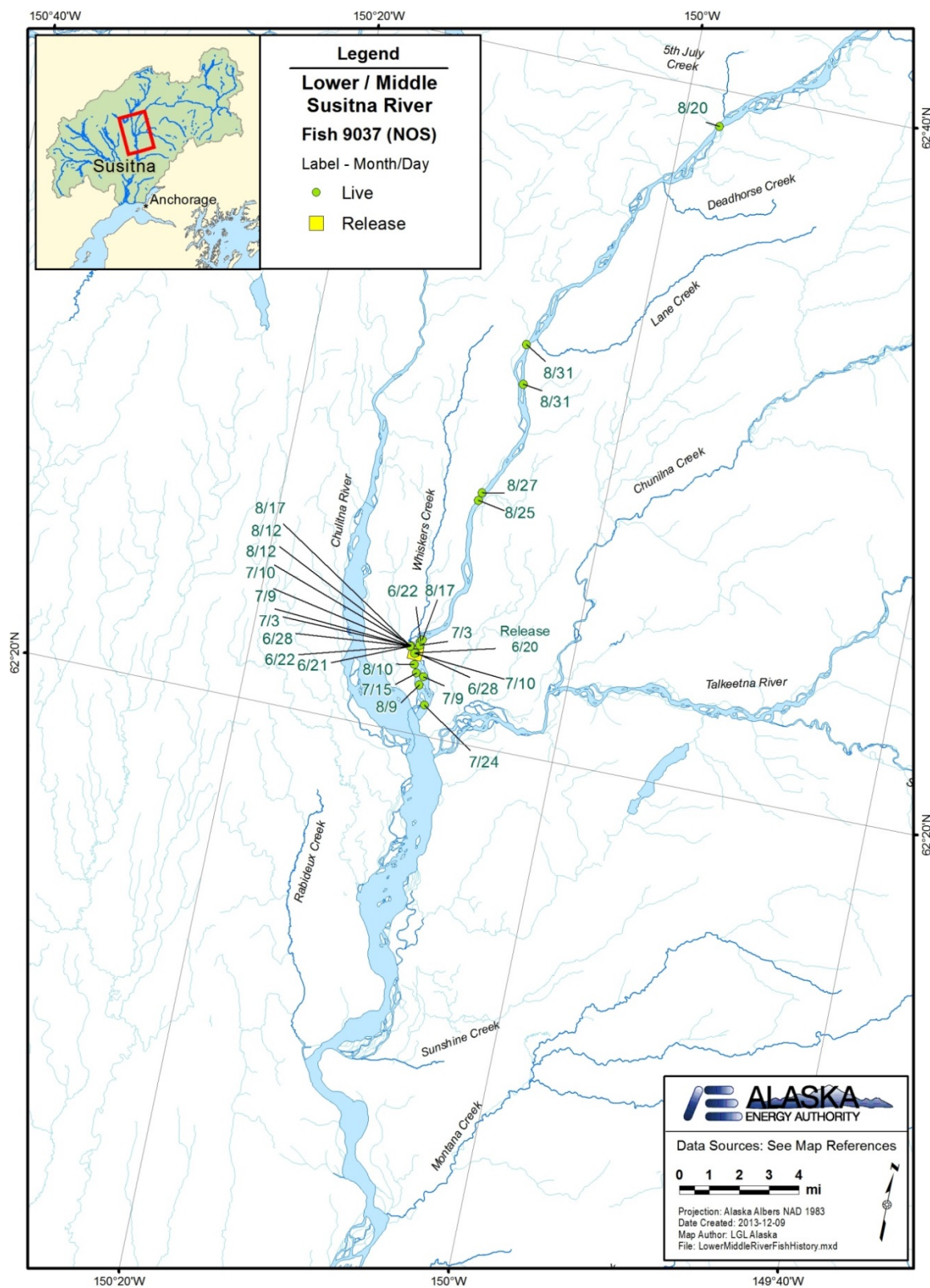


Figure B10. Live detections of radio-tagged Longnose Sucker #9037 released in the Middle Susitna River on 20 June, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.

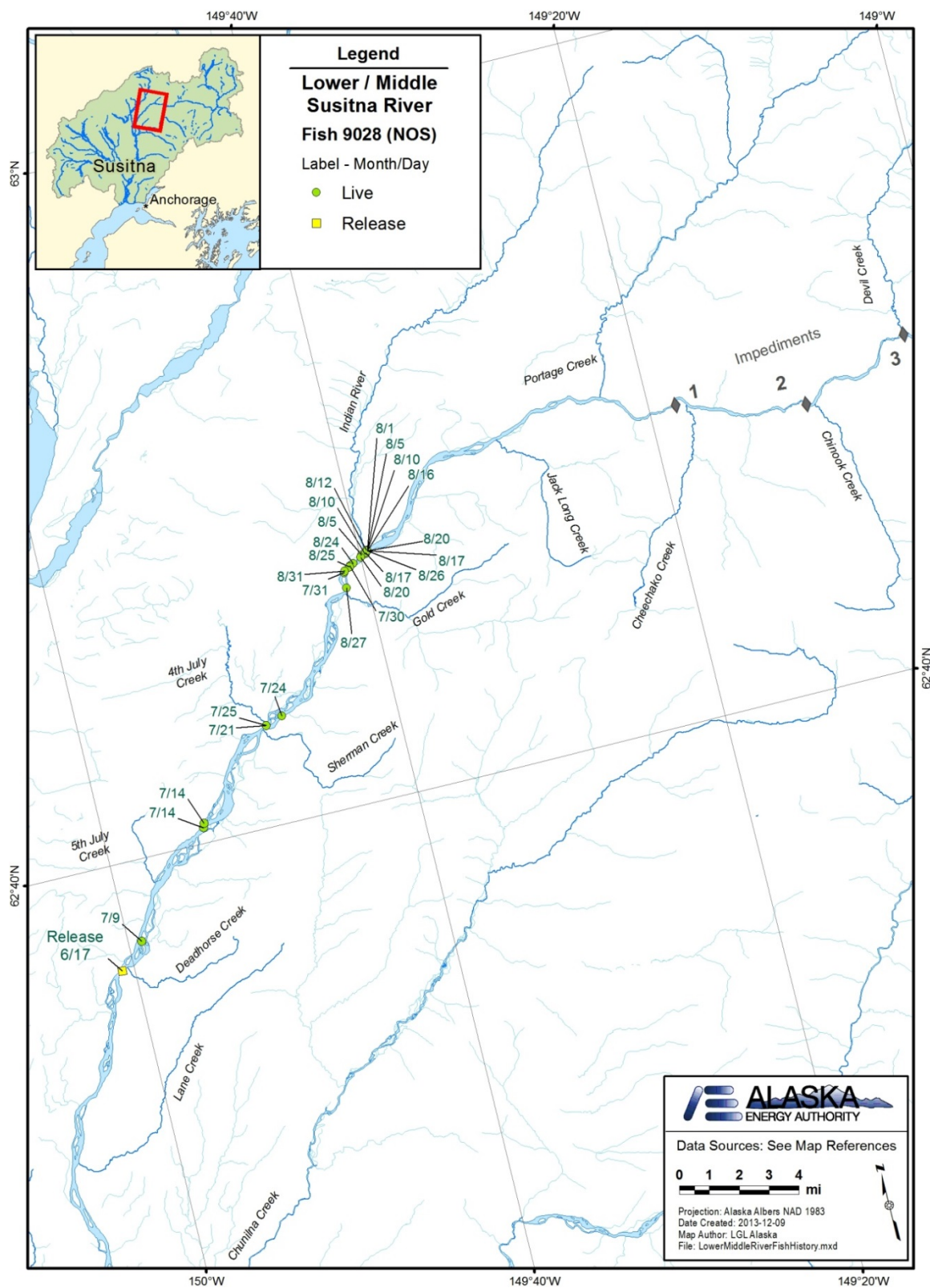


Figure B11. Live detections of radio-tagged Longnose Sucker #9028 released in the Middle Susitna River on 17 June, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.

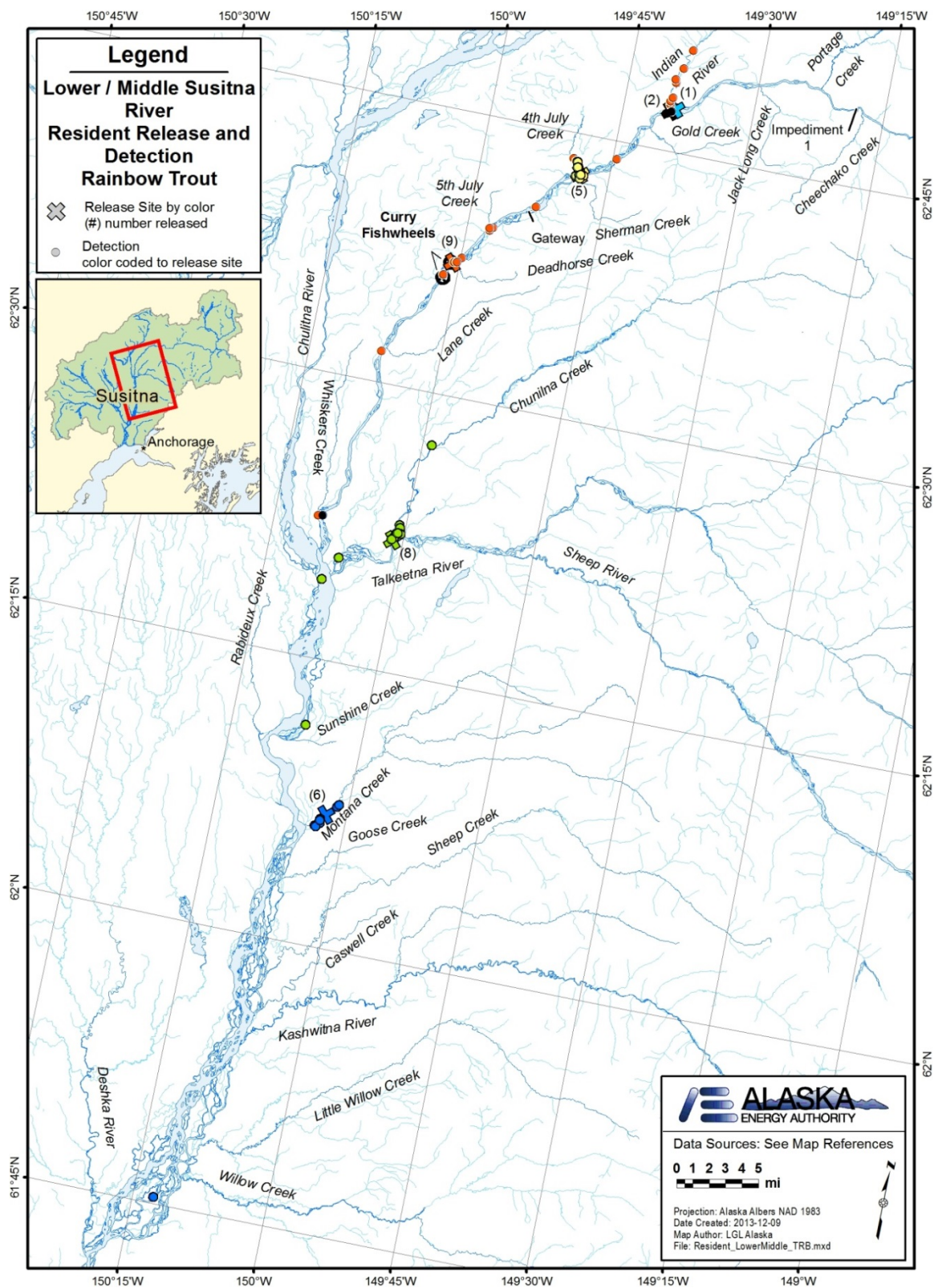


Figure B12. Live detections of radio-tagged Rainbow Trout released in the Middle Susitna River, 1 June – 31 August, 2013. Color-coded X's indicate release sites and respectively colored individual dots indicate last-known locations of each unique fish for each two week analysis period (see Table B6).

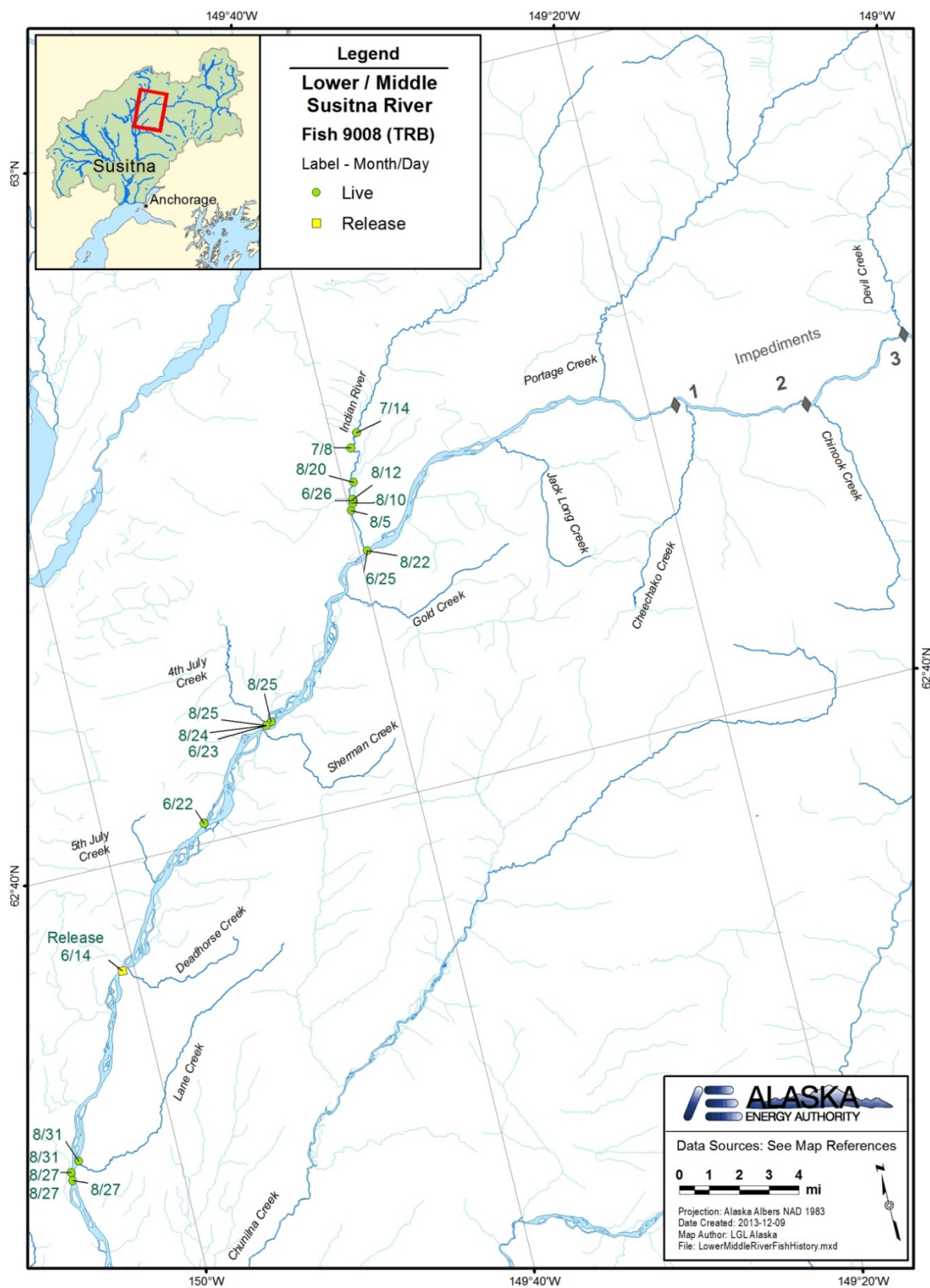


Figure B13. Live detections of radio-tagged Rainbow Trout #9008 released in the Middle Susitna River on 14 June, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.

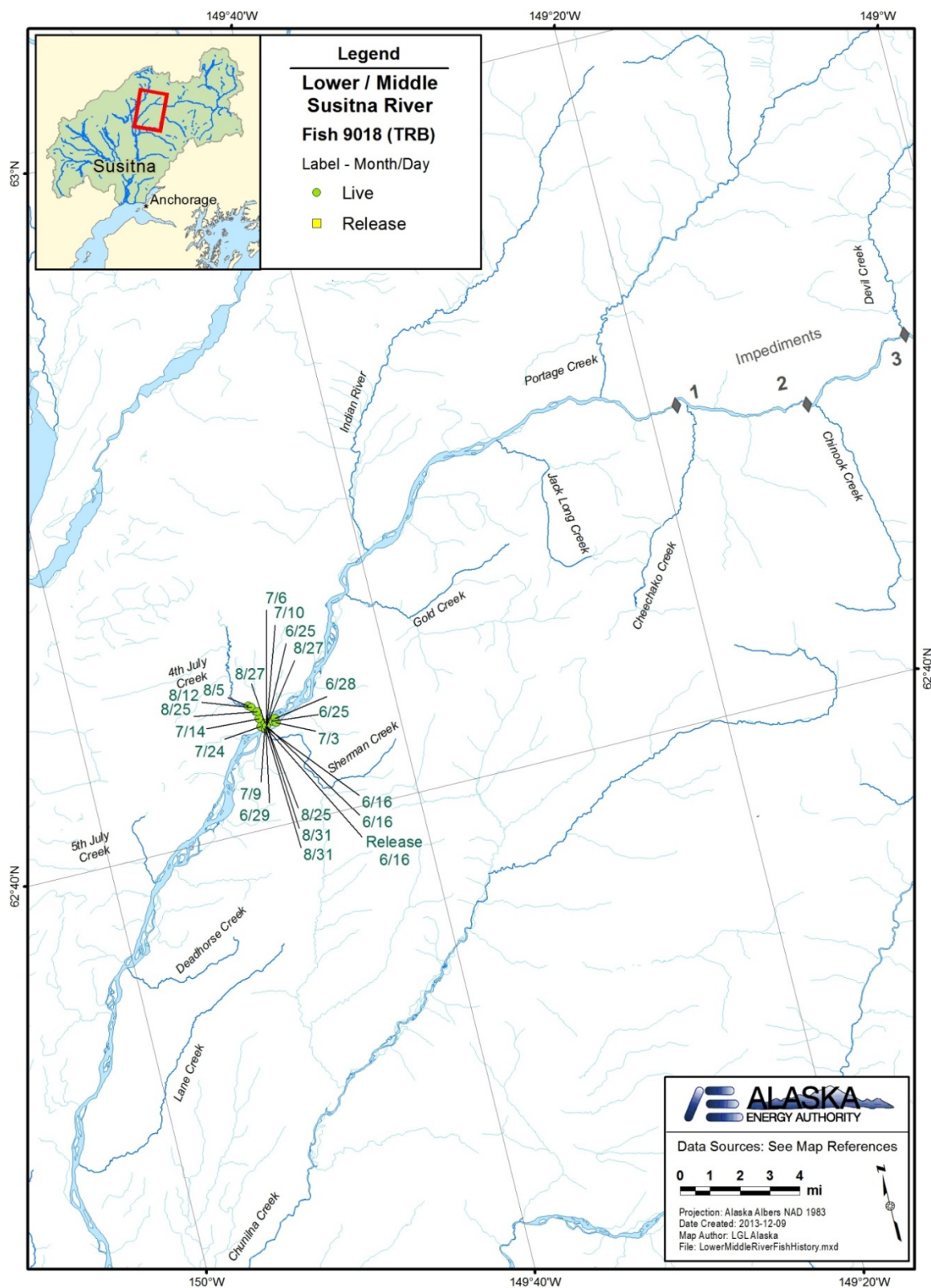


Figure B14. Live detections of radio-tagged Rainbow Trout #9018 released in the Middle Susitna River on 16 June, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.

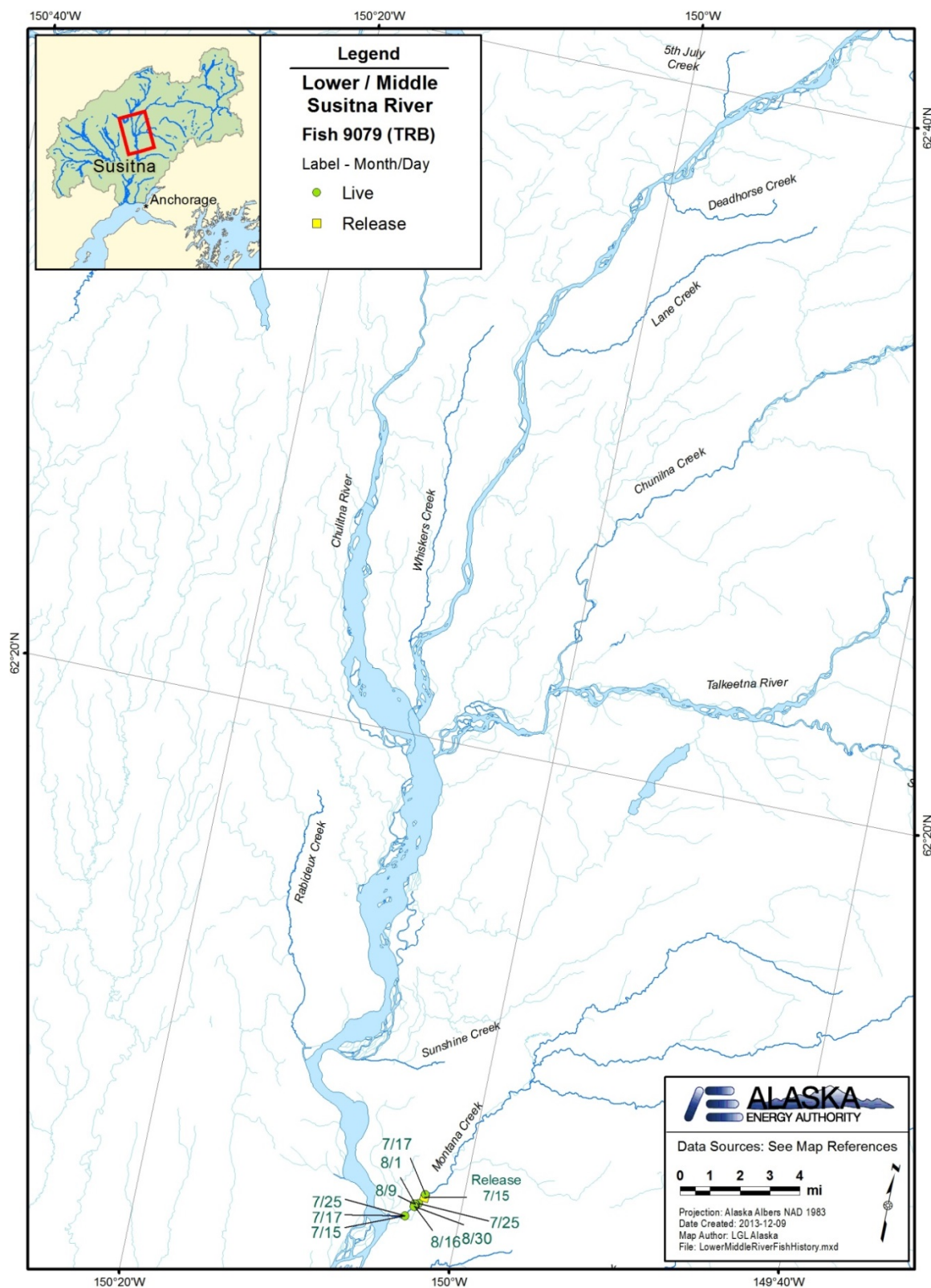


Figure B15. Live detections of radio-tagged Rainbow Trout #9079 released in the Montana Creek on 7 July, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.

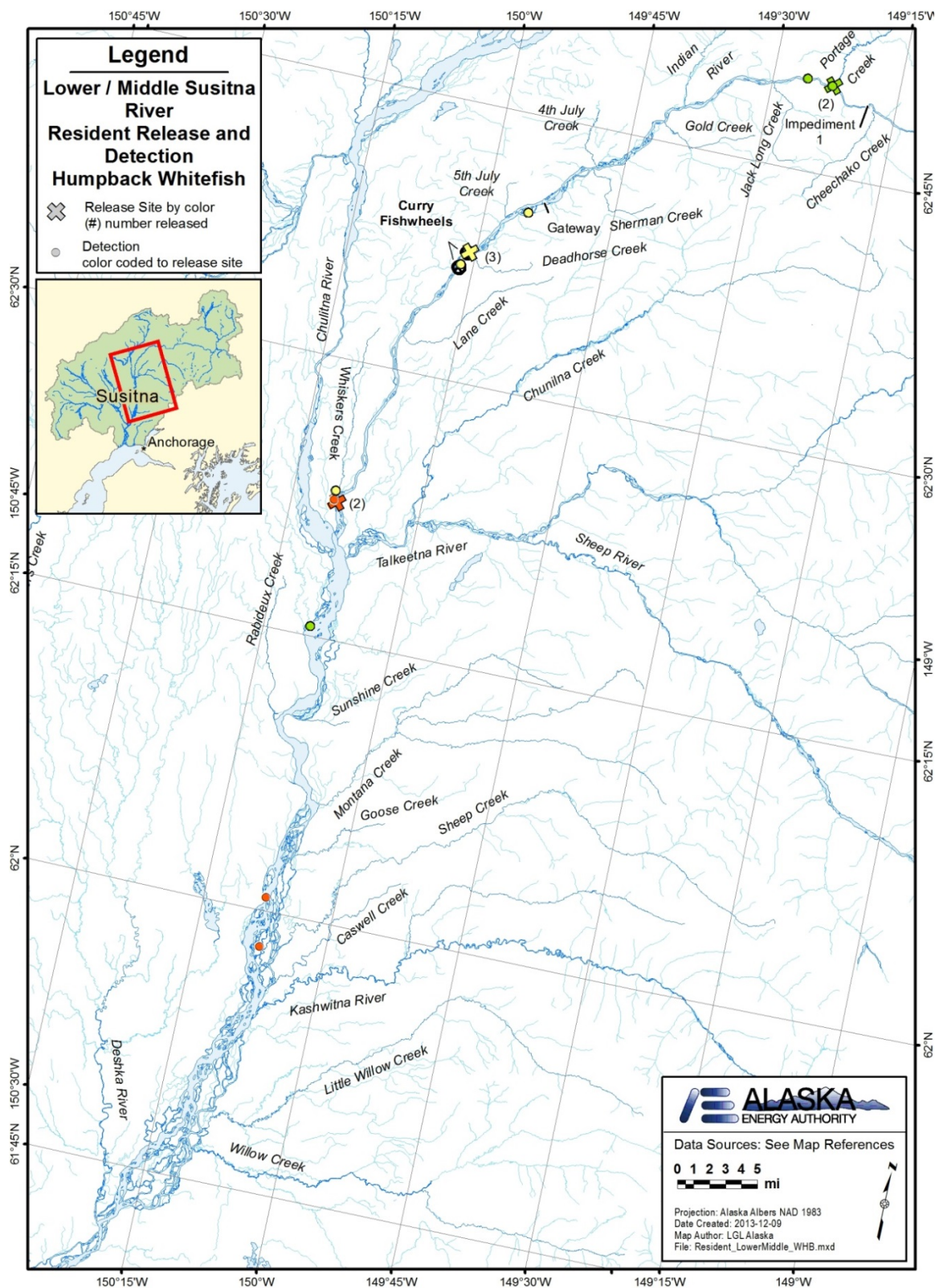


Figure B16. Live detections of radio-tagged Humpback Whitefish released in the Middle Susitna River, 1 June – 31 August, 2013. Color-coded X's indicate release sites and respectively colored individual dots indicate last-known locations of each unique fish for each two week analysis period (see Table B7).

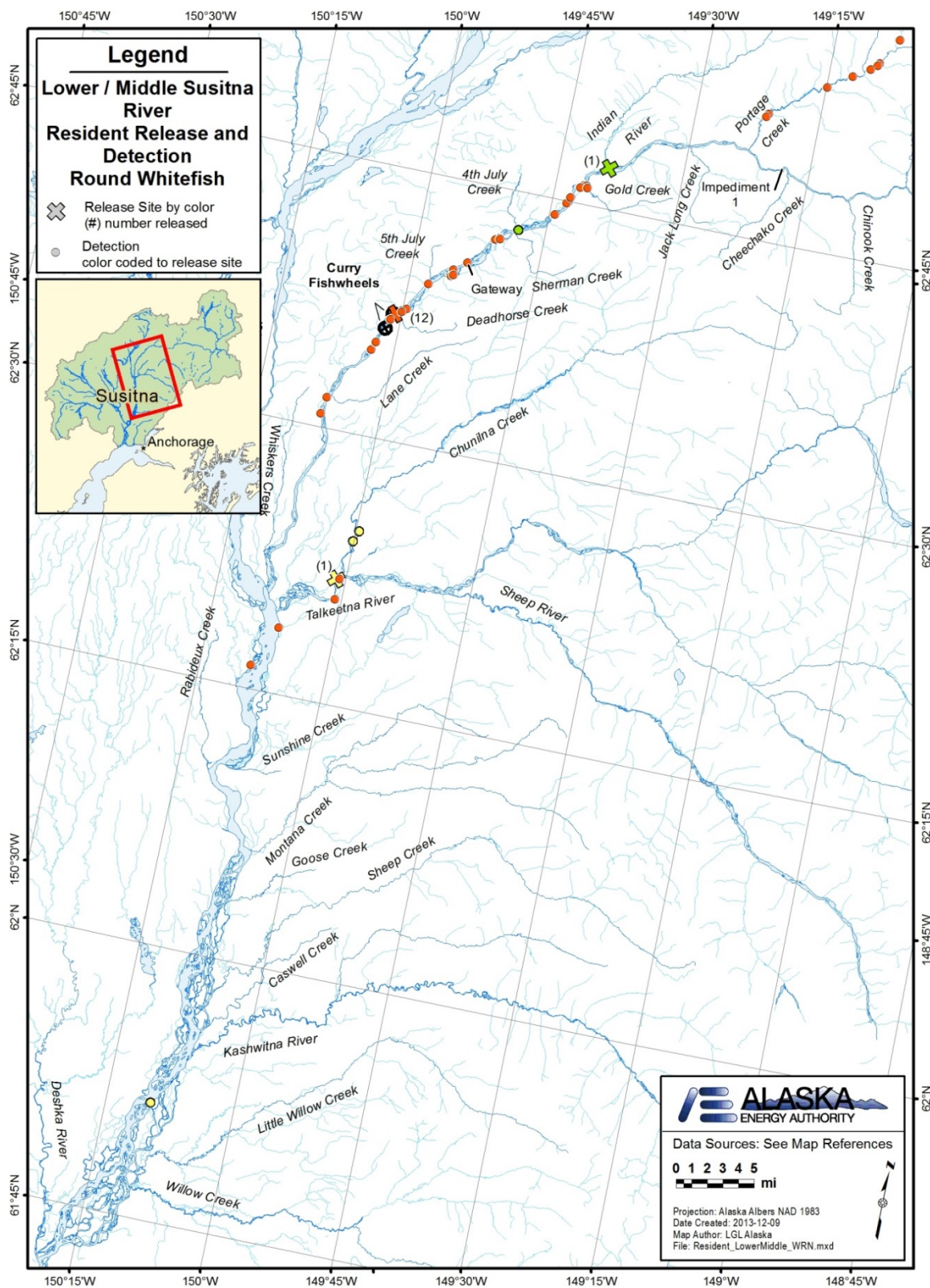


Figure B17. Live detections of radio-tagged Round Whitefish released in the Middle Susitna River, 1 June – 31 August, 2013. Color-coded X's indicate release sites and respectively colored individual dots indicate last-known locations of each unique fish for each two week analysis period (see Table B8).

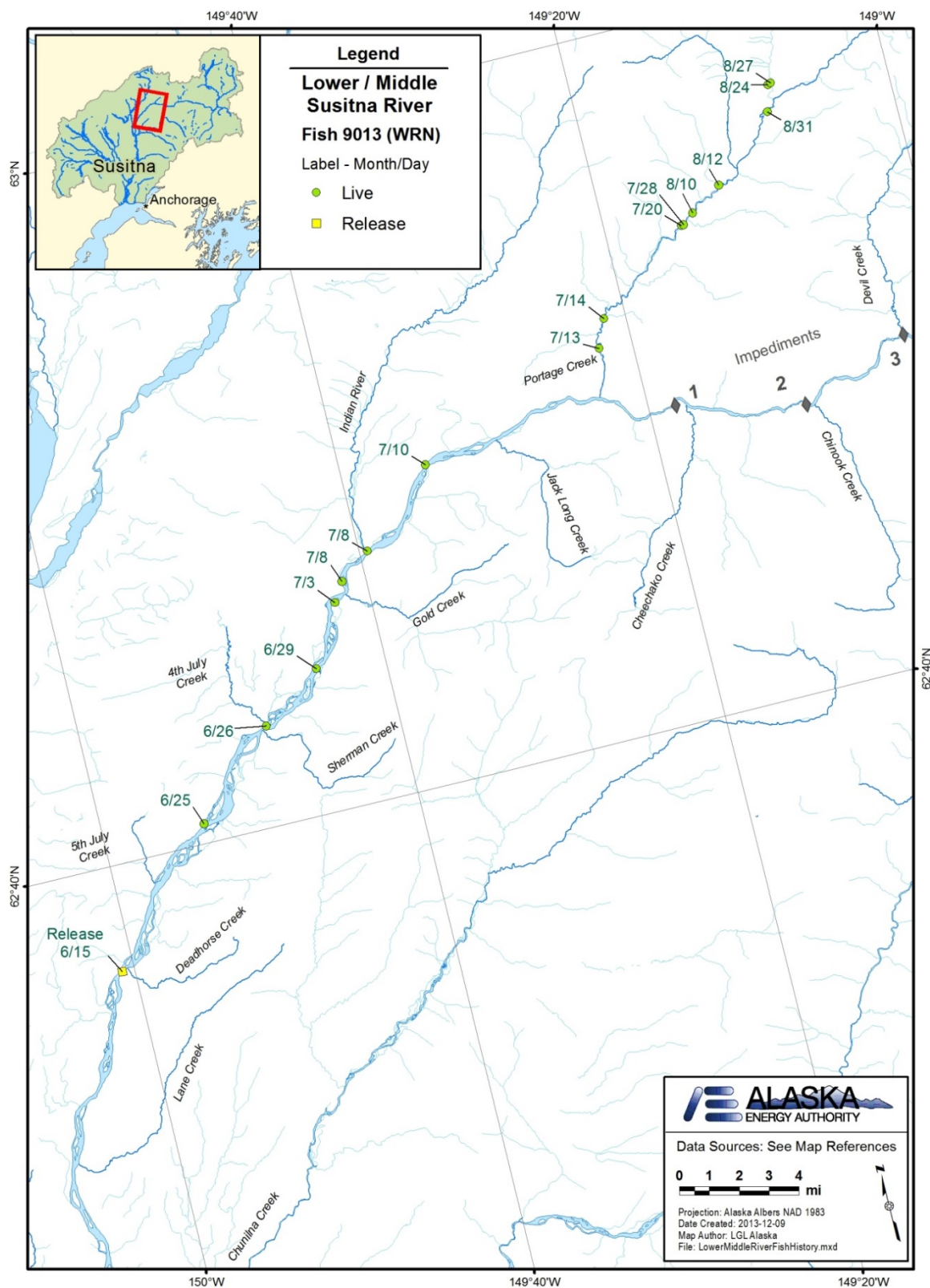


Figure B18. Live detections of radio-tagged Round Whitefish #9013 released in the Middle Susitna River on 15 June, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.

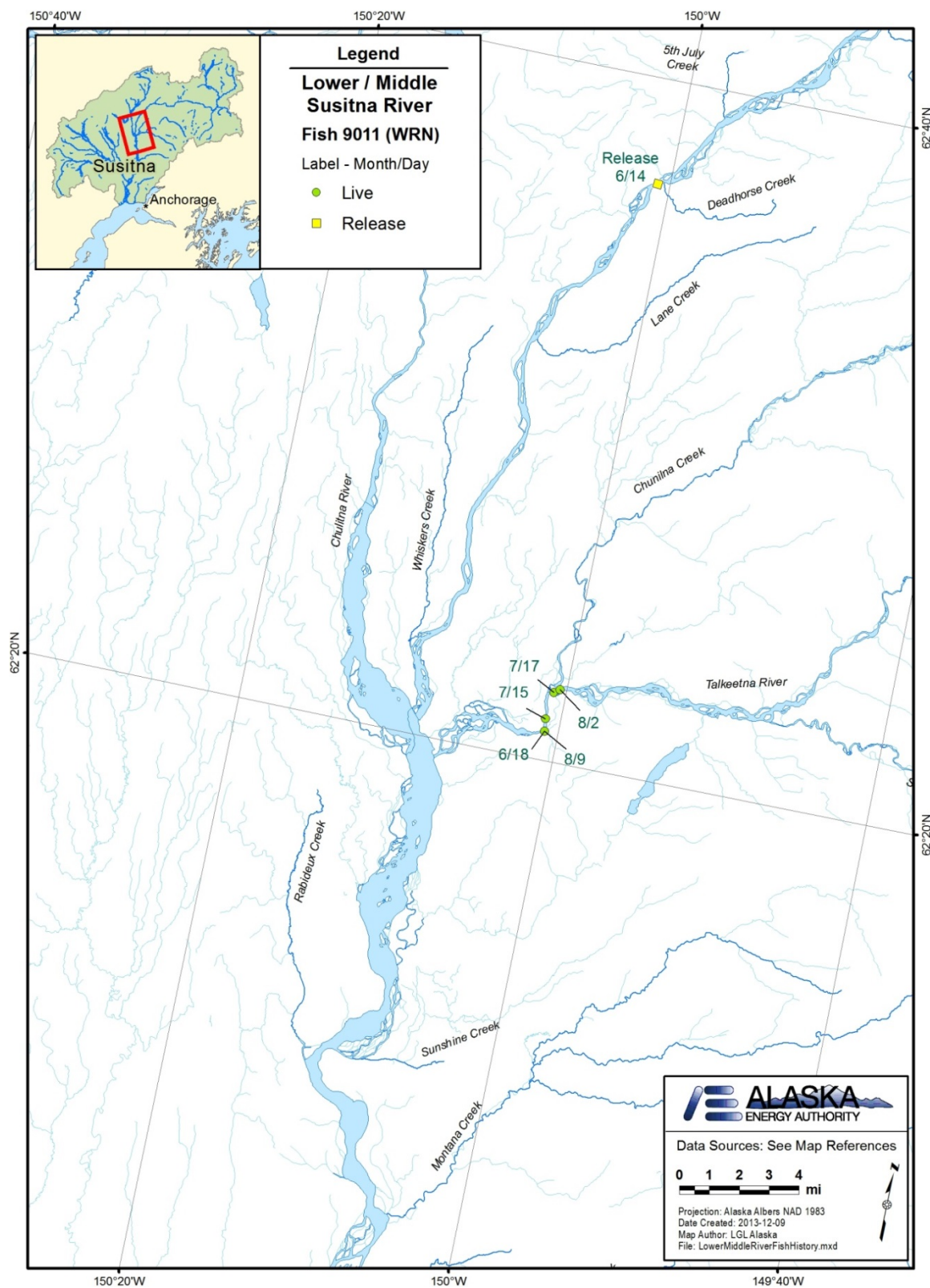
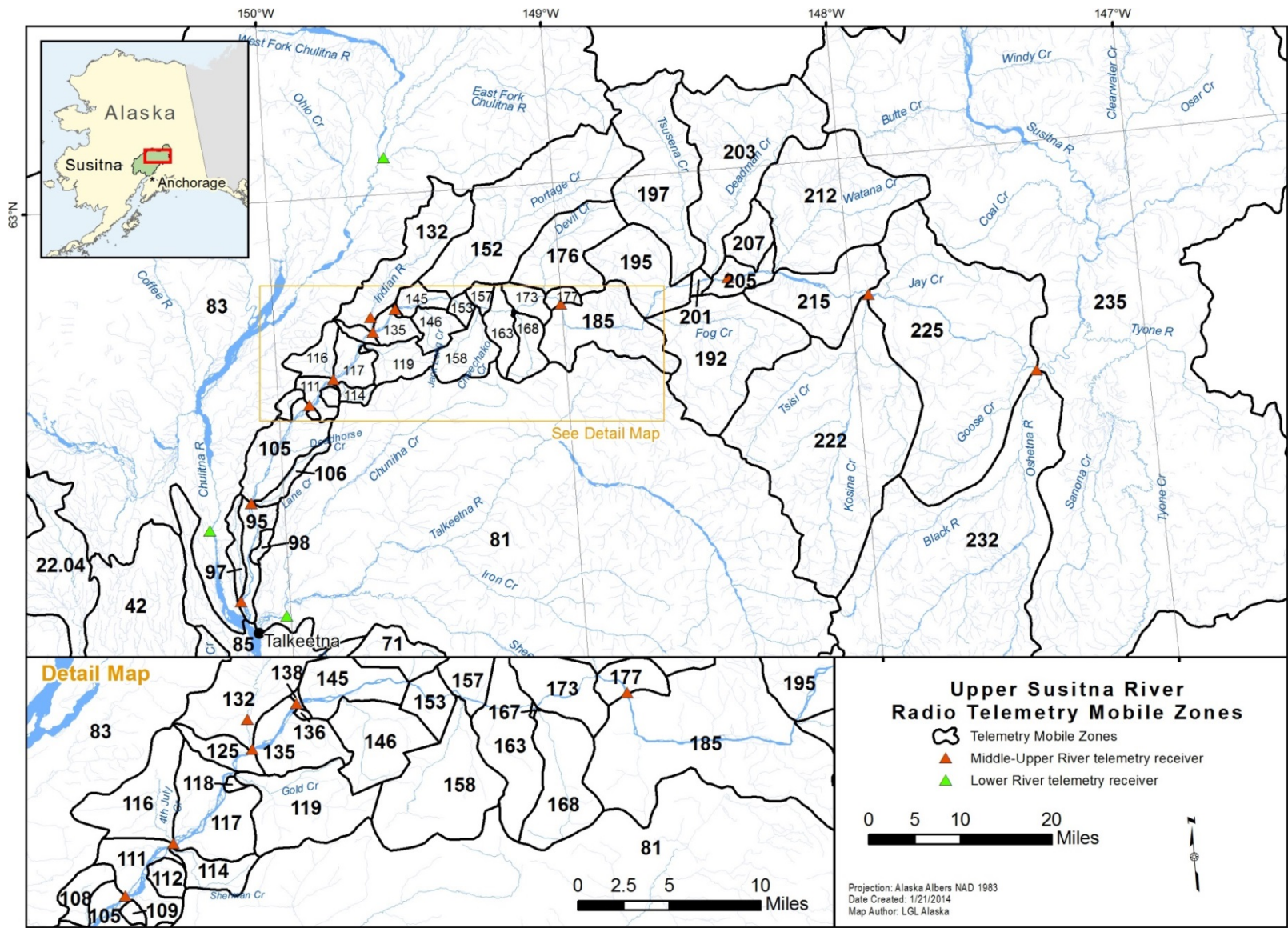


Figure B19. Live detections of radio-tagged Round Whitefish #9011 released in the Middle Susitna River on 14 June, 2013. The yellow square indicates the release site and the individual dots indicate the location on each date of detection.



| Zone Number | Zone Name | Zone Description |
|-------------|----------------------|---|
| 105 | LaneGateway | Susitna River: Lane Creek to Gateway |
| 106 | LaneCreek | Lane Creek |
| 108 | 5thJulyCreek | 5th of July Creek |
| 109 | Slough8A | Slough 8A |
| 111 | Gateway4thJuly | Susitna River: Gateway to 4th July Creek |
| 112 | Slough9 | Slough 9 |
| 114 | ShermanCreek | Sherman |
| 116 | 4thofJuly | 4th of July Creek |
| 117 | 4thofJulySlough11 | Susitna River: 4th of July Creek to Slough 11 Station |
| 118 | Slough11 | Slough 11 |
| 119 | Gold | Gold Creek |
| 125 | Slough11Indian | Susitna River: Slough 11 to Indian River |
| 132 | Indian | Indian River |
| 135 | IndianPowerline | Susitna River: Indian River to Powerline |
| 136 | Slough21 | Slough 21 |
| 138 | PowerlineSlough21 | Susitna River: Powerline to Slough 21 |
| 145 | Slough21Portage | Susitna River: Slough 21 to Portage Creek |
| 146 | JackLong | Jack Long Creek |
| 152 | Portage | Portage Creek |
| 153 | PortageImpediment1 | Susitna River: Portage Creek to Impediment 1 |
| 157 | Impediment1Cheechako | Susitna River: Impediment 1 to Chechako Station |
| 158 | Cheechako | Cheechako Creek |
| 163 | CheechakoImpediment2 | Susitna River: Cheechako Station to Impediment 2 |
| 167 | Impediment2Chinook | Susitna River: Impediment 2 to Chinook Creek |
| 168 | Chinook | Chinook Creek |
| 173 | ChinookImpediment3 | Susitna River: Chinook Creek to Impediment 3 |
| 176 | Devil | Devil Creek |
| 177 | Impediment3Devil | Susitna River: Impediment 3 to Devil Station |
| 185 | DevilFog | Susitna River: Devil Station to Fog Creek |
| 192 | Fog | Fog Creek |
| 195 | FogDamSite | Susitna River: Fog Creek to Watana Dam Site |
| 197 | Tsusena | Tsusena Creek |
| 201 | DamSiteDeadman | Susitna River: Watana Dam Site to Deadman Creek |
| 203 | Deadman | Deadman Creek |
| 205 | DeadmanWantana | Susitna River: Deadman Creek to Watana Creek |
| 207 | Creek192 | Creek 192 |
| 212 | Watana | Watana Creek |
| 215 | WatanaKosina | Susitna River: Watana Creek to Kosina Creek |
| 222 | Kosina | Kosina Creek |
| 225 | KosinaOshetna | Susitna River: Kosina Creek to Oshetna River |
| 232 | Oshetna | Oshetna River |
| 235 | AboveOshetna | Susitna River above the Oshetna River |

Figure B20. Radio telemetry survey zones in the Middle and Upper Susitna River, 2013.

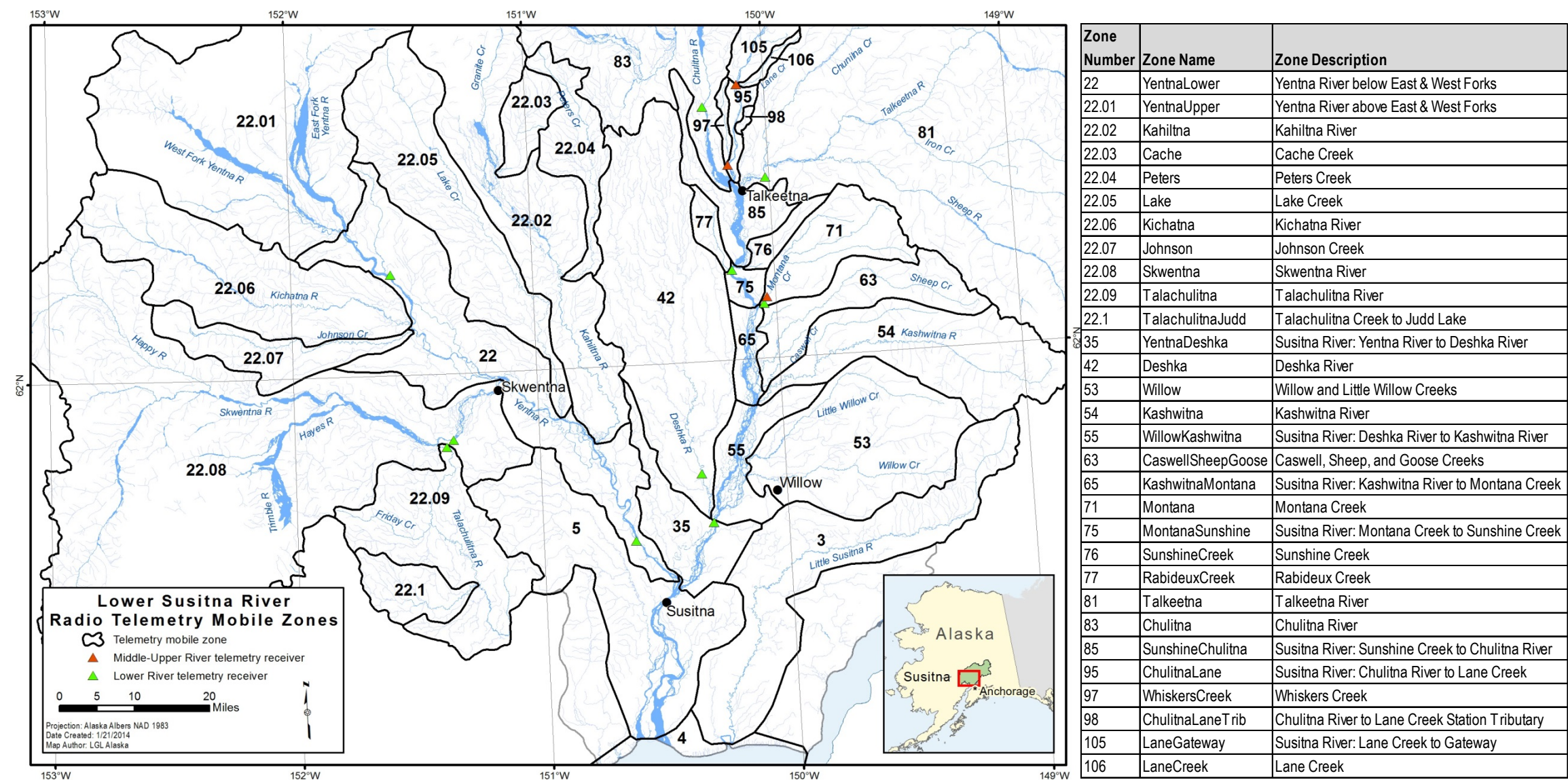


Figure B21. Radio telemetry survey zones in the Lower Susitna River, 2013.

Table B1. Arctic grayling two-week post tagging location status by tagging group.

| Arctic grayling | | RIs before 7/1 | | | | | | RIs 7/15 - 7/31 | | | | RIs 7/15 - 7/31 | | | | RIs 7/15 - 7/31 | | | | RIs 8/15 - 8/30 | |
|--------------------------------------|-------------|----------------|-------|--------|-------|--------|--------|-----------------|-------|--------|--------|-----------------|-------|--------|--------|-----------------|-------|--------|--------|-----------------|--------|
| Zone Name | Zone Number | RIs | 1 Jul | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 1 Aug | 15 Aug | 30 Aug | RIs | 1 Aug | 15 Aug | 30 Aug | RIs | 1 Aug | 15 Aug | 30 Aug | RIs | 30 Aug |
| Proposed Watana Dam Site PRM 187.1 | | | | | | | | | | | | | | | | | | | | | |
| MOB - Tsusena Creek | 197 | | | | | | | | | | | | | | | 8 | 3 | 1 | | | |
| MOB - Fog - Dam Site | 195 | | | | | | | | | | | | | 2 | | 5 | 5 | 4 | | | |
| MOB - Fog Creek | 192 | | | | | | | | | | | | 3 | 5 | 1 | | | | | | |
| MOB - Devil Stn - Fog | 185 | | | | | | | | | | | 8 | 5 | 3 | 5 | | | 1 | 1 | 1 | 1 |
| Upper Extent Devils Canyon PRM 166.1 | | | | | | | | | | | | | | | | | | | | | |
| Devils Island | 180 | | | | | | | | | | | | | | | | | | | | |
| MOB - Impediment3 - Devil Stn | 177 | | | | | | | | | | | | | | | | | | | | |
| MOB - Devils Creek | 176 | | | | | | | | | | | | | | | | | | | | |
| MOB - Chinook - Impediment3 | 173 | | | | | | | | | | | | | | | | | | | | |
| MOB - Chinook Creek | 168 | | | | | | | | | | | | | | | | | | | | |
| MOB - Impediment2 - Chinook | 167 | | | | | | | | | | | | | | | | | | | | |
| MOB - Cheechako - Impediment2 | 163 | | | | | | | | | | | | | | | | | | | | |
| MOB - Cheechako Creek | 158 | | | | | | | | | | | | | | | | | | | | |
| MOB - Impediment1 - Cheechako | 157 | | | | | | | | | | | | | | | | | | | | |
| Lower Extent Devils Canyon PRM 153.9 | | | | | | | | | | | | | | | | | | | | | |
| MOB - Portage - Impediment1 | 153 | | | | | | | | | | | | | | | | | | | | |
| MOB - Portage trib | 152 | | 7 | 6 | 6 | 5 | 3 | | | | | | | | | | | | | | |
| MOB - Jack Long Creek | 146 | | | | | | | | | | | | | | | | | | | | |
| MOB - abv Powerline - Portage | 145 | | | 1 | | | | 1 | 1 | 1 | | | | | | | | | | | |
| MOB - above Powerline | 138 | | | | | | | | | | | | | | | | | | | | |
| Powerline | 137 | | | | | | | | | | | | | | | | | | | | |
| MOB - Slough 21 | 136 | | | | | | | | | | | | | | | | | | | | |
| MOB - Indian - Slough 21 | 135 | | | | | | | | | | | | | | | | | | | | |
| MOB - Indian trib | 132 | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| Indian River trib | 131 | | | | | | | | | | | | | | | | | | | | |
| Indian River | 130 | | 2 | 1 | | | 1 | | | | | | | | | | | | | | |
| MOB - Slough11 - Indian | 125 | | | | | | | | | | | | | | | | | | | | |
| MOB - Gold Creek | 119 | | | | | | | | | | | | | | | | | | | | |
| MOB - Slough 11 | 118 | | | | | | | | | | | | | | | | | | | | |
| MOB - 4th of July - Slough 11 | 117 | | | | | | | | | 1 | | | | | | | | | | | |
| MOB - 4th of July Creek | 116 | | | | | | | | | | | | | | | | | | | | |
| Fourth of July | 115 | | | | | | | | | | | | | | | | | | | | |
| MOB - Sherman Creek | 114 | | | | | | | | | | | | | | | | | | | | |
| MOB - Slough 9 | 112 | | | | | | 1 | | | | | | | | | | | | | | |
| MOB - Gateway - 4th of July | 111 | | | | | | | | | | | | | | | | | | | | |
| Gateway | 110 | | | | | | | | | | | | | | | | | | | | |
| MOB - Slough 8A | 109 | | | | | | | | | | | | | | | | | | | | |
| MOB - 5th of July Creek | 108 | | | | | | | | | | | | | | | | | | | | |
| MOB - Lane Creek | 106 | | | | | | | | | | | | | | | | | | | | |
| MOB - Lane - Gateway | 105 | 11 | | | | | | | | | | | | | | | | | | | |
| Lane Creek | 100 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| MOB - Trib off zone 95 | 98 | | | | | | | | | | | | | | | | | | | | |
| MOB - Whiskers Creek | 97 | | | | | | | | | | | | | | | | | | | | |
| Whiskers | 96 | | | | | | | | | | | | | | | | | | | | |
| MOB - Talkeetna - Lane | 95 | | | | | | | | | | | | | | | | | | | | |
| Lower River | | | | | | | | | | | | | | | | | | | | | |
| MOB - Sunshine - Talkeetna | 85 | | | | | | | | | | | | | | | | | | | | |
| ADFG - Middle Chulitna | 84 | | | | | | | | | | | | | | | | | | | | |
| MOB - Chulitna River | 83 | | | | | | | | | | | | | | | | | | | | |
| ADFG Chulitna | 82 | | | | | | | | | | | | | | | | | | | | |
| MOB - Talkeetna River | 81 | | | | | | | | | | | | | | | | | | | | |
| ADFG Talkeetna | 80 | | | | | | | | | | | | | | | | | | | | |
| Total Tags Live | | 11 | 11 | 10 | 8 | 6 | 5 | 1 | 1 | 1 | 1 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 5 | 1 | 1 |
| Mort tags * | | 0 | 0 | 1 | 3 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 |

* current location of mort tags not shown in table

Table B2. Burbot two-week post tagging location status by tagging group.

| Burbot | | RIs before 7/1 | | | | | | RIs 8/1 - 8/14 | | | RIs 8/15 - 8/30 | | RIs 8/15 - 8/30 | |
|--------------------------------------|-------------|----------------|-------|--------|-------|--------|--------|----------------|--------|--------|-----------------|--------|-----------------|--------|
| Zone Name | Zone Number | RIs | 1 Jul | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 15 Aug | 30 Aug | RIs | 30 Aug | RIs | 30 Aug |
| <i>Devils Canyon PRM 153.9-166.1</i> | | | | | | | | | | | | | | |
| MOB - Lane - Gateway | 105 | | | | | | | 1 | 1 | | | | | |
| Lane Creek | 100 | | | | | | | | | | | | | |
| MOB - Trib off zone 95 | 98 | | | | | | | | | | | | | |
| MOB - Whiskers Creek | 97 | | | | | | | | | | | | | |
| MOB - Talkeetna - Lane | 96 | 2 | 1 | 1 | 1 | | 1 | | | | | | | |
| Whiskers | 95 | | 1 | 1 | | | | | | | | | | |
| <i>Lower River</i> | | | | | | | | | | | | | | |
| MOB - Sunshine - Talkeetna | 85 | | | | 1 | 2 | | | | | | | | |
| ADFG - Middle Chulitna | 84 | | | | | | | | | | | | | |
| MOB - Chulitna River | 83 | | | | | | | | | | | | | |
| ADFG Chulitna | 82 | | | | | | | | | | | | | |
| MOB - Talkeetna River | 81 | | | | | | 1 | | | | | | | |
| ADFG Talkeetna | 80 | | | | | | | | | | | | | |
| ADFG Sunshine | 78 | | | | | | | | | | | | | |
| MOB - Rabideux Creek | 77 | | | | | | | | | | | | | |
| MOB - Sunshine Creek | 76 | | | | | | | | | | | | | |
| MOB - Montana - Sunshine | 75 | | | | | | | | | | | | | |
| MOB - Montana Creek | 71 | | | | | | | | | | | | | |
| MOB - Kashwitna - Montana | 70 | | | | | | | | | | | | | |
| Montana | 65 | | | | | | | | | | | | | |
| MOB - Caswell area tribs | 63 | | | | | | | | | | | | | |
| MOB - Deshka - Kashwitna | 55 | | | | | | | | | | | | | |
| MOB - Kashwitna River | 54 | | | | | | | | | | | | | |
| MOB - Willow and Little Willow cr | 53 | | | | | | | | | | | | | |
| MOB - Deshka River | 42 | | | | | | | | | | | | | |
| ADFG Deshka Weir | 41 | | | | | | | | | | | | | |
| ADFG Deshka River | 40 | | | | | | | | | | | | | |
| MOB - Yentna - Deshka | 35 | | | | | | | | | | | | 3 | 3 |
| ADFG Talachulitna Weir | 28 | | | | | | | | | | | | | |
| ADFG Skwentna | 27 | | | | | | | | | | | | | |
| ADFG Upper Yentna | 26 | | | | | | | | | | | | | |
| ADFG Lake Weir | 24 | | | | | | | | | | | | | |
| MOB - Yentna River | 22 | | | | | | | | | | | | | |
| ADFG Lower Yentna | 20 | | | | | | | | | | | | | |
| ADFG Susitna Station | 6 | | | | | | | | | | | | | |
| MOB - Confluence - Yentna | 5 | | | | | | | | | | 1 | 1 | | |
| Total Tags Live | | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 0 | 1 | 1 | 3 | 3 |
| Mort tags * | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |

* current location of mort tags not shown in table

Table B3. Dolly Varden two-week post tagging location status by tagging group.

| Dolly Varden | | RIs before 7/1 | | | | | | RIs 7/1 - 7/14 | | | | | RIs 8/1 - 8/14 | | | RIs 8/15 - 8/30 | |
|--------------------------------------|-------------|----------------|-------|--------|-------|--------|--------|----------------|--------|-------|--------|--------|----------------|--------|--------|-----------------|--------|
| Zone Name | Zone Number | RIs | 1 Jul | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 15 Aug | 30 Aug | RIs | 30 Aug |
| <i>Devils Canyon PRM 153.9-166.1</i> | | | | | | | | | | | | | | | | | |
| MOB - abv Powerline - Portage | 145 | | | | | | | | | | | | | | | | 1 |
| MOB - above Powerline | 138 | | | | | | | | | | | | | | | | |
| Powerline | 137 | | | | | | | | | | | | | | | | |
| MOB - Slough 21 | 136 | | | | | | | | | | | | | | | | |
| MOB - Indian - Slough 21 | 135 | | | | | | | | | | | | | | | | |
| MOB - Indian trib | 132 | | | | | | 1 | | | | | | | | | | |
| Indian River trib | 131 | | | 1 | 1 | 1 | | | | | | | | | | | |
| Indian River | 130 | | | | | | | | | | | | | | | | |
| MOB - Slough11 - Indian | 125 | | 1 | | | | | | | | | | | | | 1 | |
| MOB - Gold Creek | 119 | | | | | | | | | | | | | | | | |
| MOB - Slough 11 | 118 | | | | | | | | | | | | | | | | |
| MOB - 4th of July - Slough 11 | 117 | | | | | | | | | | | | | | | | |
| MOB - 4th of July Creek | 116 | | | | | | | | | | | | | | | | |
| Fourth of July | 115 | | | | | | | | | | | | | | | | |
| MOB - Sherman Creek | 114 | | | | | | | | | | | | | | | | |
| MOB - Slough 9 | 112 | | | | | | | | | | | | | | | | |
| MOB - Gateway - 4th of July | 111 | | | | | | | | | | | | | | | | |
| Gateway | 110 | | | | | | | | | | | | | | | | |
| MOB - Slough 8A | 109 | | | | | | | | | | | | | | | | |
| MOB - 5th of July Creek | 108 | | | | | | | | | | | | | | | | |
| MOB - Lane Creek | 106 | | | | | | | | | | | | | | | | |
| MOB - Lane - Gateway | 105 | 1 | | | | | | | | | | | 1 | | | | |
| Lane Creek | 100 | | | | | | | | | | | | | | | | |
| MOB - Trib off zone 95 | 98 | | | | | | | | | | | | | | | | |
| MOB - Whiskers Creek | 97 | | | | | | | | | | | | | | | | |
| Whiskers | 96 | | | | | | | | | | | | | 1 | 1 | | |
| MOB - Talkeetna - Lane | 95 | | | | | | | | | | | | | | | | |
| <i>Lower River</i> | | | | | | | | | | | | | | | | | |
| MOB - Sunshine - Talkeetna | 85 | | | | | | | | | | | 1 | | | | | |
| ADFG - Middle Chulitna | 84 | | | | | | | | | | | | | | | | |
| MOB - Chulitna River | 83 | | | | | | | | | | | | | | | | |
| ADFG Chulitna | 82 | | | | | | | | | | | | | | | | |
| MOB - Talkeetna River | 81 | | | | | | | 6 | 6 | 6 | 6 | 5 | | | | | |
| ADFG Talkeetna | 80 | | | | | | | | | | | | | | | | |
| Total Tags Live | | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 6 | 6 | 6 | 6 | 1 | 1 | 1 | 1 | 1 |
| Mort tags * | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

* current location of mort tags not shown in table

[illegible]

Susitna-Watana Hydroelectric Project
FERC Project No. 14241

Table B5. Northern pike two-week post tagging location status by tagging group.

| Northern Pike | | RIs 8/15 - 8/30 | |
|-----------------------------------|-------------|-----------------|--------|
| Zone Name | Zone Number | RIs | 30 Aug |
| <i>Lower River</i> | | | |
| MOB - Montana - Sunshine | 75 | | |
| MOB - Montana Creek | 71 | | |
| Montana | 70 | | |
| MOB - Kashwitna - Montana | 65 | | |
| MOB - Caswell area tribs | 63 | | |
| MOB - Deshka - Kashwitna | 55 | | |
| MOB - Kashwitna River | 54 | | |
| MOB - Willow and Little Willow cr | 53 | | |
| MOB - Deshka River | 42 | | |
| ADFG Deshka Weir | 41 | | |
| ADFG Deshka River | 40 | | |
| MOB - Yentna - Deshka | 35 | 5 | 4 |
| MOB - Confluence - Yentna | 5 | | |
| Total Tags Live | | 5 | 4 |
| Mort tags * | | 0 | 1 |

* current location of mort tags not shown in table

Table B6. Rainbow trout two-week post tagging location status by tagging group.

| Rainbow Trout | | RIs before 7/1 | | | | | | RIs before 7/1 | | | | | | RIs 7/1 - 7/14 | | | | | RIs 7/1 - 7/14 | | | | | RIs 7/15 - 7/31 | | | | RIs 7/15 - 7/31 | | | | RIs 8/15 - 8/30 | | RIs 8/15 - 8/30 | | RIs 8/15 - 8/30 | | |
|-------------------------------|-------------|----------------|-------|--------|-------|--------|--------|----------------|-------|--------|-------|--------|--------|----------------|--------|-------|--------|--------|----------------|--------|-------|--------|--------|-----------------|-------|--------|--------|-----------------|-------|--------|--------|-----------------|--------|-----------------|--------|-----------------|--------|--|
| Zone Name | Zone Number | RIs | 1 Jul | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 1 Jul | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 1 Aug | 15 Aug | 30 Aug | RIs | 1 Aug | 15 Aug | 30 Aug | RIs | 30 Aug | RIs | 30 Aug | RIs | 30 Aug | |
| Devis Canyon PRM 153.9-166.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Indian - Slough 21 | 135 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| MOB - Indian trib | 132 | | 1 | 2 | 4 | 4 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indian River trib | 131 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Indian River | 130 | | | 3 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| MOB - Slough11 - Indian | 125 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | 1 | | | | | |
| MOB - Gold Creek | 119 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Slough 11 | 118 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - 4th of July - Slough 11 | 117 | | | 1 | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - 4th of July Creek | 116 | | | | 2 | 1 | | | 2 | 1 | 1 | 3 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | |
| Fourth of July | 115 | | | 1 | | | 2 | | | 2 | 1 | | 2 | | | | | 1 | 2 | | | | | | | | | | | | | | | | | | | |
| MOB - Sherman Creek | 114 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| MOB - Slough 9 | 112 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Gateway - 4th of July | 111 | | 1 | | | | | 3 | 1 | | 1 | | | | 2 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | |
| Gateway | 110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Slough 8A | 109 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - 5th of July Creek | 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Lane Creek | 106 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Lane - Gateway | 105 | 8 | 6 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| Lane Creek | 100 | | | | 1 | 1 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Trib off zone 95 | 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Whiskers Creek | 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Whiskers | 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Talkeetna - Lane | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lower River | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Sunshine - Talkeetna | 85 | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| ADFG - Middle Chulitna | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Chulitna River | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADFG Chulitna | 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Talkeetna River | 81 | | | | | | | | | | | | | 8 | 8 | 8 | 7 | 6 | | | | | | | | | | | | | | | | | | | | |
| ADFG Talkeetna | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ADFG Sunshine | 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Rabideux Creek | 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Sunshine Creek | 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Montana - Sunshine | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Montana Creek | 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montana | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Kashwitna - Montana | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Caswell area tribs | 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOB - Deshka - Kashwitna | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Tags Live | | 8 | 8 | 8 | 8 | 7 | 6 | 3 | 3 | 3 | 3 | 3 | 2 | 8 | 8 | 8 | 8 | 7 | 2 | 2 | 2 | 2 | 2 | 6 | 6 | 5 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Mort tags * | | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |

* current location of mort tags not shown in table

Table B7. Humpback whitefish two-week post tagging location status by tagging group.

| Whitefish, humpback | | RIs before 7/1 | | | | | | RIs 7/15 - 7/31 | | | | RIs 7/15 - 7/31 | | | |
|--------------------------------------|-------------|----------------|-------|--------|-------|--------|--------|-----------------|-------|--------|--------|-----------------|-------|--------|--------|
| Zone Name | Zone Number | RIs | 1 Jul | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 1 Aug | 15 Aug | 30 Aug | RIs | 1 Aug | 15 Aug | 30 Aug |
| <i>Devils Canyon PRM 153.9-166.1</i> | | | | | | | | | | | | | | | |
| MOB - abv Powerline - Portage | 145 | | | | | | | | | | | 2 | 2 | | |
| MOB - above Powerline | 138 | | | | | | | | | | | | | | |
| Powerline | 137 | | | | | | | | | | | | | | |
| MOB - Slough 21 | 136 | | | | | | | | | | | | | | |
| MOB - Indian - Slough 21 | 135 | | | | | | | | | | | | | | |
| MOB - Indian trib | 132 | | | | | | | | | | | | | | |
| Indian River trib | 131 | | | | | | | | | | | | | | |
| Indian River | 130 | | | | | | | | | | | | | | |
| MOB - Slough11 - Indian | 125 | | | | | | | | | | | | | | |
| MOB - Gold Creek | 119 | | | | | | | | | | | | | | |
| MOB - Slough 11 | 118 | | | | | | | | | | | | | | |
| MOB - 4th of July - Slough 11 | 117 | | | | | | | | | | | | | | |
| MOB - 4th of July Creek | 116 | | | | | | | | | | | | | | |
| Fourth of July | 115 | | | | | | | | | | | | | | |
| MOB - Sherman Creek | 114 | | | | | | | | | | | | | | |
| MOB - Slough 9 | 112 | | | | | | | | | | | | | | |
| MOB - Gateway - 4th of July | 111 | | | | | | | | | | | | | | |
| Gateway | 110 | | | | | | | | | | | | | | |
| MOB - Slough 8A | 109 | | | | | | | | | | | | | | |
| MOB - 5th of July Creek | 108 | | | | | | | | | | | | | | |
| MOB - Lane Creek | 106 | | | | | | | | | | | | | | |
| MOB - Lane - Gateway | 105 | | | | | | | 2 | 2 | 1 | | | | | |
| Lane Creek | 100 | | | | | | | | | | | | | | |
| MOB - Trib off zone 95 | 98 | | | | | | | | | | | | | | |
| MOB - Whiskers Creek | 97 | | | | | | | | | 1 | | | | | |
| Whiskers | 96 | | 1 | | | | | | | | | | | | |
| MOB - Talkeetna - Lane | 95 | 2 | | | | | | | | | | | | | |
| <i>Lower River</i> | | | | | | | | | | | | | | | |
| MOB - Sunshine - Talkeetna | 85 | | | | | | | | | | | | | 1 | 1 |
| ADFG - Middle Chulitna | 84 | | | | | | | | | | | | | | |
| MOB - Chulitna River | 83 | | | | | | | | | | | | | | |
| ADFG Chulitna | 82 | | | | | | | | | | | | | | |
| MOB - Talkeetna River | 81 | | | | | | | | | | | | | | |
| ADFG Talkeetna | 80 | | | | | | | | | | | | | | |
| ADFG Sunshine | 78 | | | | | | | | | | | | | | |
| MOB - Rabideux Creek | 77 | | | | | | | | | | | | | | |
| MOB - Sunshine Creek | 76 | | | | | | | | | | | | | | |
| MOB - Montana - Sunshine | 75 | | | | | | | | | | | | | | |
| MOB - Montana Creek | 71 | | | | | | | | | | | | | | |
| MOB - Kashwitna - Montana | 65 | | 1 | 2 | 1 | 1 | 1 | | | | | | | | |
| Total Tags Live | | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 2 | 2 | 1 | 1 |
| Mort tags * | | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 |

* current location of mort tags not shown in table

Table B8. Round whitefish two-week post tagging location status by tagging group.

| Whitefish, round | | RIs before 7/1 | | | | | | RIs 7/1 - 7/14 | | | | | RIs 7/1 - 7/14 | | | | | RIs 7/15 - 7/31 | | | |
|-------------------------------|-------------|----------------|-------|--------|-------|--------|--------|----------------|--------|-------|--------|--------|----------------|--------|-------|--------|--------|-----------------|-------|--------|--------|
| Zone Name | Zone Number | RIs | 1 Jul | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 15 Jul | 1 Aug | 15 Aug | 30 Aug | RIs | 1 Aug | 15 Aug | 30 Aug |
| Devils Canyon PRM 153.9-166.1 | | | | | | | | | | | | | | | | | | | | | |
| MOB - Portage trib | 152 | | | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | |
| MOB - Jack Long Creek | 146 | | | | | | | | | | | | | | | | | | | | |
| MOB - abv Powerline - Portage | 145 | | | | | | | | | | | | | | | | | | | | |
| MOB - above Powerline | 138 | | | | | | | | | | | | | | | | | | | | |
| Powerline | 137 | | | | | | | | | | | | | | | | | | | | |
| MOB - Slough 21 | 136 | | | | | | | | | | | | | | | | | | | | |
| MOB - Indian - Slough 21 | 135 | | | | | | | | | | | | | | | | | 1 | | | |
| MOB - Indian trib | 132 | | | | | | | | | | | | | | | | | | | | |
| Indian River trib | 131 | | | | | | | | | | | | | | | | | | | | |
| Indian River | 130 | | | | | | | | | | | | | | | | | | | | |
| MOB - Slough11 - Indian | 125 | | | | | | | | | | | | | | | | | | | | |
| MOB - Gold Creek | 119 | | | | | | 1 | | | | | | | | | | | | | | |
| MOB - Slough 11 | 118 | | | | | | | | | | | | | | | | | | | | |
| MOB - 4th of July - Slough 11 | 117 | | 1 | 1 | 2 | 2 | 1 | | | | | | | | | | | | | | |
| MOB - 4th of July Creek | 116 | | | | | | | | | | | | | | | | | | | | |
| Fourth of July | 115 | | | 1 | | | | | | | | | | | | | | 1 | | | |
| MOB - Sherman Creek | 114 | | | | | | | | | | | | | | | | | | | | |
| MOB - Slough 9 | 112 | | | | | | | | | | | | | | | | | | | | |
| MOB - Gateway - 4th of July | 111 | | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| Gateway | 110 | | 2 | | | | | | | | | | | | | | | | | | |
| MOB - Slough 8A | 109 | | | | | | | | | | | | | | | | | | | | |
| MOB - 5th of July Creek | 108 | | | | | | | | | | | | | | | | | | | | |
| MOB - Lane Creek | 106 | | | | | | | | | | | | | | | | | | | | |
| MOB - Lane - Gateway | 105 | 11 | 3 | 1 | 2 | 1 | 1 | | | | | | 1 | 1 | 1 | 1 | 1 | | | | |
| Lane Creek | 100 | | 1 | 2 | | 1 | 1 | | | | | | | | | | | | | | |
| MOB - Trib off zone 95 | 98 | | | | | | | | | | | | | | | | | | | | |
| MOB - Whiskers Creek | 97 | | | | | | | | | | | | | | | | | | | | |
| Whiskers | 96 | | | | | | | | | | | | | | | | | | | | |
| MOB - Talkeetna - Lane | 95 | | | | 1 | | | | | | | | | | | | | | | | |
| Lower River | | | | | | | | | | | | | | | | | | | | | |
| MOB - Sunshine - Talkeetna | 85 | | 1 | 1 | 1 | 2 | 2 | | | | | | | | | | | | | | |
| ADFG - Middle Chulitna | 84 | | | | | | | | | | | | | | | | | | | | |
| MOB - Chulitna River | 83 | | | | | | | | | | | | | | | | | | | | |
| ADFG Chulitna | 82 | | | | | | | | | | | | | | | | | | | | |
| MOB - Talkeetna River | 81 | | | | 1 | | | 1 | 1 | 1 | 1 | | | | | | | | | | |
| ADFG Talkeetna | 80 | | 1 | 1 | | 1 | 1 | | | | | | | | | | | | | | |
| ADFG Sunshine | 78 | | | | | | | | | | | | | | | | | | | | |
| MOB - Rabideux Creek | 77 | | | | | | | | | | | | | | | | | | | | |
| MOB - Sunshine Creek | 76 | | | | | | | | | | | | | | | | | | | | |
| MOB - Montana - Sunshine | 75 | | | | | | | | | | | | | | | | | | | | |
| MOB - Montana Creek | 71 | | | | | | | | | | | | | | | | | | | | |
| Montana | 70 | | | | | | | | | | | | | | | | | | | | |
| MOB - Kashwitna - Montana | 65 | | | | | | | | | | | | | | | | | | | | |
| MOB - Caswell area tribs | 63 | | | | | | | | | | | | | | | | | | | | |
| MOB - Deshka - Kashwitna | 55 | | | | | | | | | | 1 | | | | | | | | | | |
| Total Tags Live | | 11 | 10 | 10 | 10 | 10 | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| Mort tags * | | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |

* current location of mort tags not shown in table