State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

M

Region: Southeast

USGS Quad(s): Ketchikan B-6

AWC Number of Water Body: 101-47-10400

Name of Water body: Government Creek

☑ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☑ Backup Information

For Office Use

Nomination # 140375

Revision Year: 2015

Revision to: Atlas ____ Catalog ____ Both X

Revision Code: G-9, B-2

James J Hasbrouck — Fisheries Scientist — Date 10/3/2014

[signature] — Habitat Operations Manager — Date 10/3/14

[signature] — AWC Project Biologist — Date 9/24/14

[signature] — GIS Analyst — Date 10/7/14

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho salmon, juvenile	5/27/2013 - 5/28/13		18	18	☑
pink salmon, juvenile	5/26/13 - 5/27/2013		3	3	☑
chum salmon, juvenile	5/27/13 - 5/28/13		4	4	☑
Pink salmon, adult	9/1/13 - 9/2/13	11,280			☑
					☐

refrom # 14-178

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments

Government Creek has been rerouted due to the runway expansion at the airport. I have attached an image of the new channel overlaid on the USGS topo and a Google Earth image, which shows the new channel and runway. I have also attached a spreadsheet which lists the individual juvenile salmon that were caught by minnow trap or beach seine at individual locations. The adult pink salmon were observed throughout the new channel.

Name of Observer (please print): Michelle Havey

Signature: [signature]

Agency: Hart Crowser, on behalf of ADOT

Address: 190 W Dayton Street, Suite 201
Edmonds, WA 98020

Date: 9/23/14

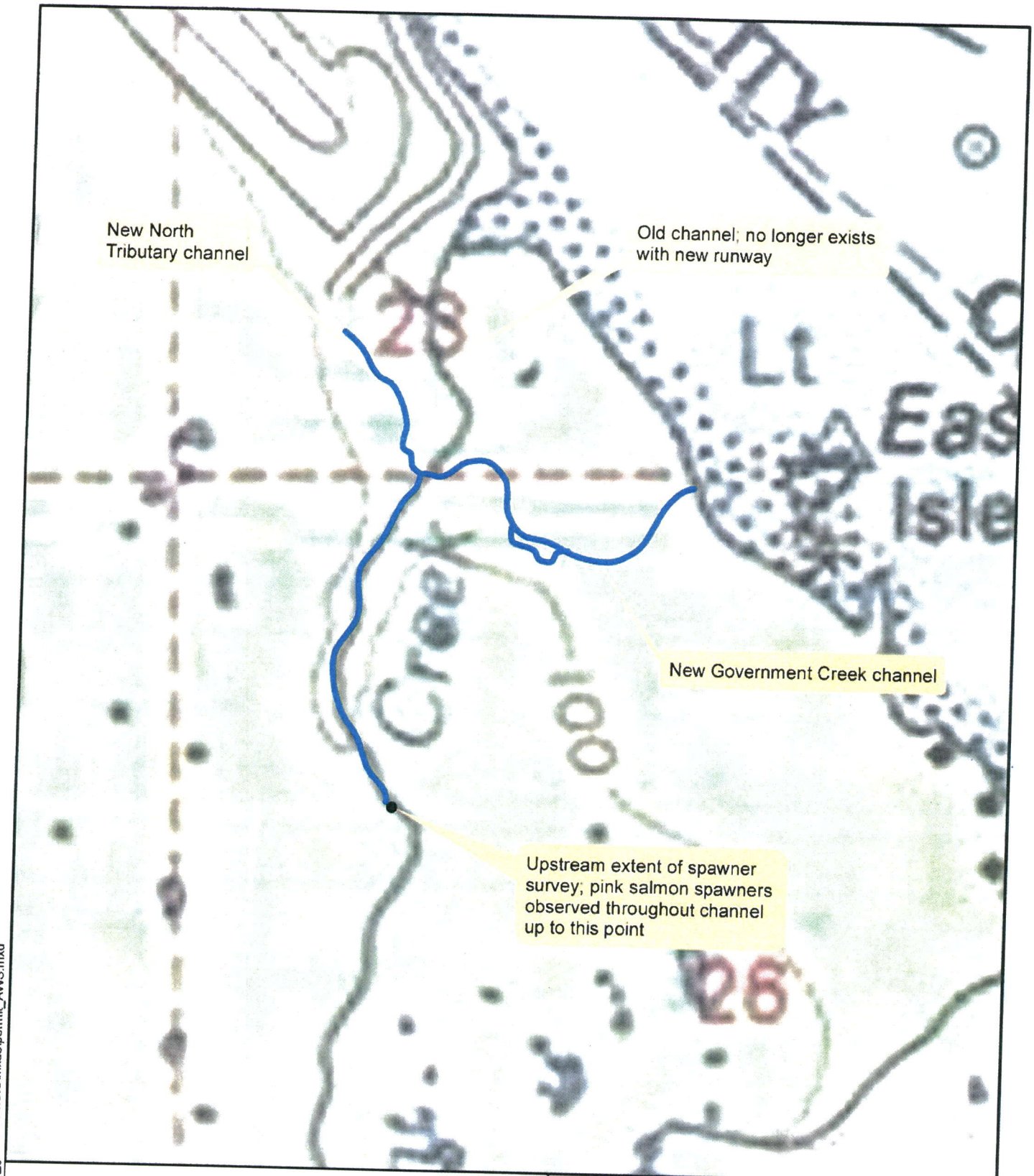
This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____

Name of Area Biologist (please print):

ALASKA DEPT. OF FISH & GAME
SEP 23 2014
Revision 11/13

Revise downstream hydrography, reposition lower pt. Add pink and coho salmon rearing and pink salmon spawning to creek



Miles
0 0.05 0.1 0.2

Creek channel; pink salmon spawners observed throughout

N

Note: Base map was created using US Topo imagery in ArcGIS.

Government Creek Relocation Year 5 Monitoring
Ketchikan, Alaska

Vicinity Map

12710-08

9/14

HARTCROWSER

Figure
1

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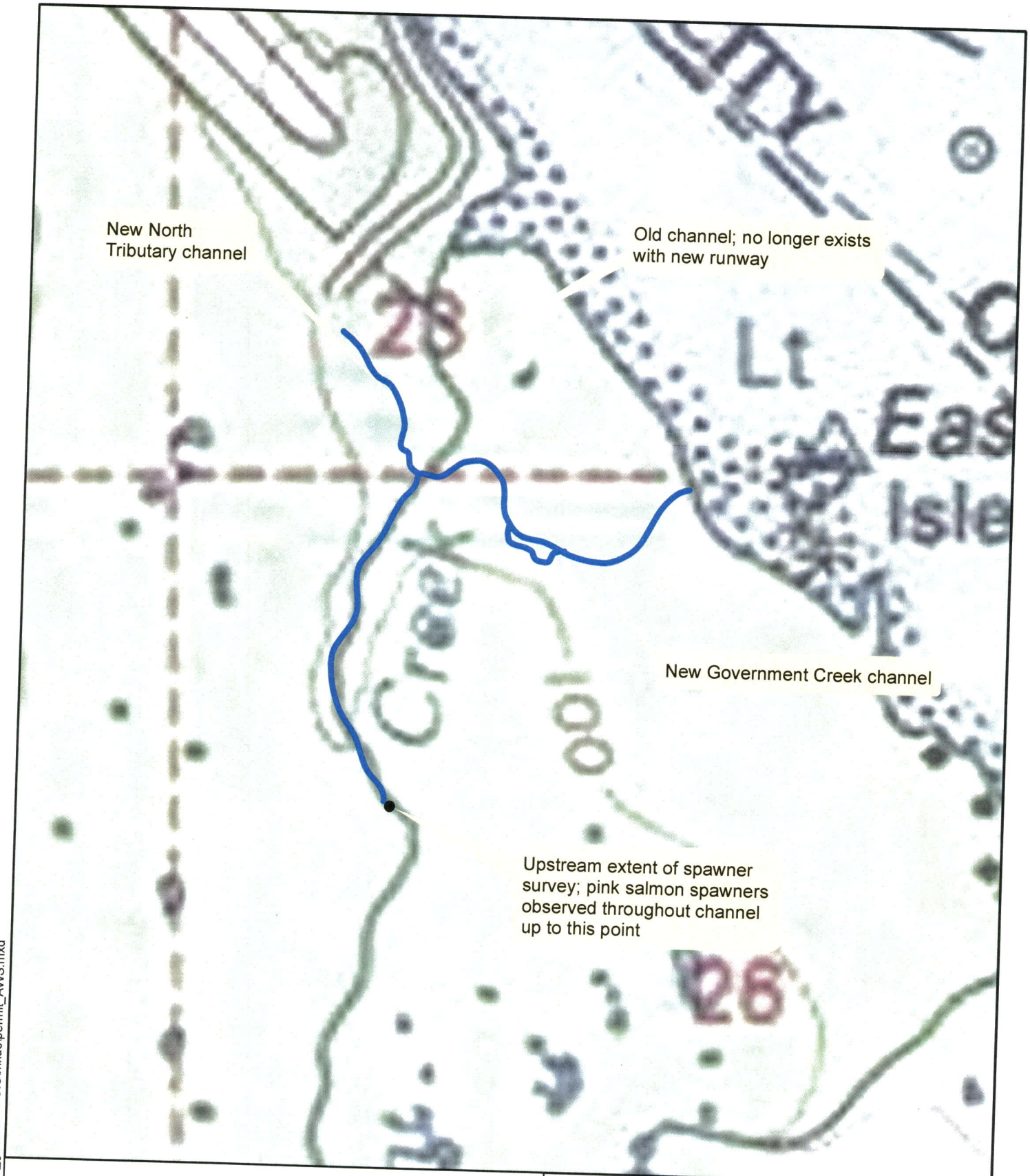
* approximate upstream end of spawner survey; pink salmon observed up to this point

Note new channel location for Government Creek



0 0.05 0.1 0.2 Miles

Creek channel; pink salmon spawners observed throughout

N

Note: Base map was created using US Topo imagery in ArcGIS.

Government Creek Relocation Year 5 Monitoring
Ketchikan, Alaska

Vicinity Map

12710-08

9/14

HARTCROWSER

Figure
1

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Google earth

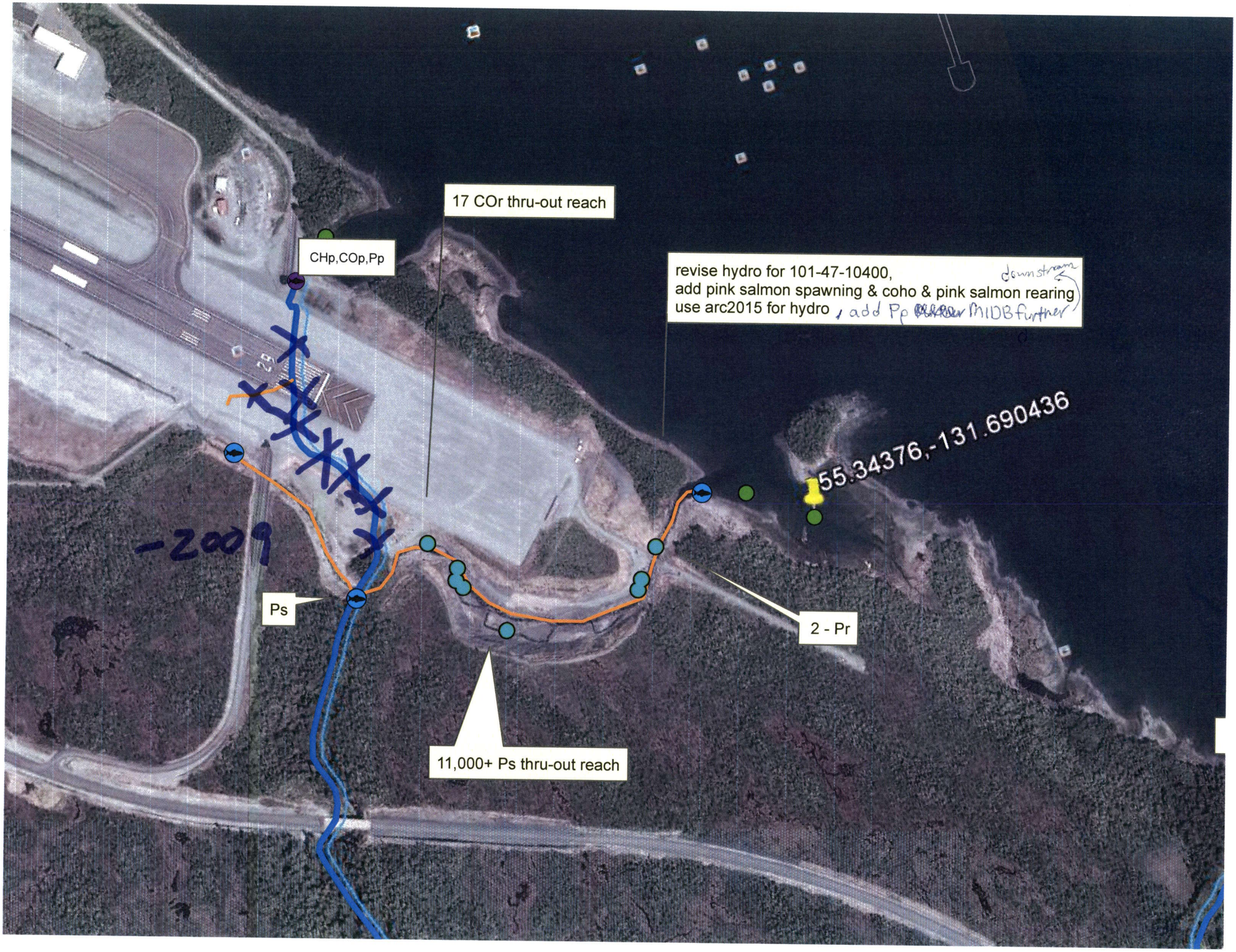
feet 3000

meters 900

site	lat	long	datum	method	date	observer	collection	species	life stage	length (mm)			
Government Creek	55.343623	-131.694025	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	87	fork	new stream	nom w/coho salmon rearing
Government Creek	55.343657	-131.696604	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	86	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.343657	-131.696604	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	79	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.343719	-131.693902	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile			new stream	nom w/coho salmon rearing
New Government Ck Estuary	55.343760	-131.69044	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	pink salmon	juvenile	39	fork	BU	
New Government Ck Estuary	55.343760	-131.69044	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	pink salmon	juvenile	34	fork	BU	
Government Creek	55.344002	-131.693448	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	pink salmon	juvenile	119	fork	BU only one fish	
New Government Ck Estuary	55.344240	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	55	fork	BU	
New Government Ck Estuary	55.344240	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	54	fork	BU	
New Government Ck Estuary	55.344240	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	36	fork	BU	
New Government Ck Estuary	55.344240	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	50	fork	BU	
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	75	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	43	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	68	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	76	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	96	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	91	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	68	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	59	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344459	-131.697114	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	82	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344459	-131.697114	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	96	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344459	-131.697114	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	86	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344813	-131.6975	WGS84	GPS	5/28/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	61	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Government Creek	55.344813	-131.6975	WGS84	GPS	5/28/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	41	fork	new stream trib of 101-47-10400	nom w/coho salmon rearing
Old Government Ck Estuary	55.348270	-131.69747	WGS84	GPS	5/27/2013	Michelle A. Havey	Seine	coho salmon	juvenile	38	fork	BU	

site	lat	long	datum	method	date	observer	collection	species	life stage	length (mm)	
Government Creek	55.343623	-131.694025	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	87	fork
Government Creek	55.343657	-131.696604	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	86	fork
Government Creek	55.343657	-131.696604	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	79	fork
Government Creek	55.343719	-131.693902	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile		
New Government Ck Estuary	55.343760	-131.69044	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	pink salmon	juvenile	39	fork
New Government Ck Estuary	55.343760	-131.69044	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	pink salmon	juvenile	34	fork
Government Creek	55.344002	-131.693448	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	pink salmon	juvenile	119	fork
New Government Ck Estuary	55.344240	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	55	fork
New Government Ck Estuary	55.344240	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	54	fork
New Government Ck Estuary	55.344240	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	36	fork
New Government Ck Estuary	55.344240	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	50	fork
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	75	fork
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	43	fork
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	68	fork
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	76	fork
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	96	fork
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	91	fork
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	68	fork
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	59	fork
Government Creek	55.344459	-131.697114	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	82	fork
Government Creek	55.344459	-131.697114	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	96	fork
Government Creek	55.344459	-131.697114	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	86	fork
Government Creek	55.344813	-131.6975	WGS84	GPS	5/28/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	61	fork
Government Creek	55.344813	-131.6975	WGS84	GPS	5/28/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	41	fork
Old Government Ck Estuary	55.348270	-131.69747	WGS84	GPS	5/27/2013	Michelle A. Havey	Seine	coho salmon	juvenile	38	fork

site	lat	long	datum	method	date	observer	collection	species	life stage	length (mm)	
New Government Ck Estuary	55.34424	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	55	fork
New Government Ck Estuary	55.34424	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	54	fork
New Government Ck Estuary	55.34424	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	36	fork
New Government Ck Estuary	55.34424	-131.69151	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	chum salmon	juvenile	50	fork
Old Government Ck Estuary	55.34827	-131.69747	WGS84	GPS	5/27/2013	Michelle A. Havey	Seine	coho salmon	juvenile	38	fork
Government Creek	55.343623	-131.694025	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	87	fork
Government Creek	55.343719	-131.693902	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile		
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	96	fork
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	91	fork
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	68	fork
Government Creek	55.344338	-131.697218	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	59	fork
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	75	fork
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	43	fork
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	68	fork
Government Creek	55.344243	-131.697129	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	76	fork
Government Creek	55.344813	-131.6975	WGS84	GPS	5/28/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	61	fork
Government Creek	55.344813	-131.6975	WGS84	GPS	5/28/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	41	fork
Government Creek	55.344459	-131.697114	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	82	fork
Government Creek	55.344459	-131.697114	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	96	fork
Government Creek	55.344459	-131.697114	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	86	fork
Government Creek	55.343657	-131.696604	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	86	fork
Government Creek	55.343657	-131.696604	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	coho salmon	juvenile	79	fork
New Government Ck Estuary	55.34376	-131.69044	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	pink salmon	juvenile	39	fork
New Government Ck Estuary	55.34376	-131.69044	WGS84	GPS	5/26/2013	Michelle A. Havey	Seine	pink salmon	juvenile	34	fork
Government Creek	55.344002	-131.693448	WGS84	GPS	5/27/2013	Michelle A. Havey	Minnow Trap	pink salmon	juvenile	119	fork


17 COr thru-out reach
CHp,COp,Pp
revise hydro for 101-47-10400,
add pink salmon spawning & coho & pink salmon rearing
use arc2015 for hydro , add Pp downstream MIDB further
55.34376,-131.690436
-2009
Ps
2 - Pr
11,000+ Ps thru-out reach