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

Nomination Form
Anadromous Waters Catalog

ALASKA DEPT. OF FISH & GAME
OCT 29 2009

Region: Southcentral

USGS Quad(s): Seldovia C-5

Anadromous Waters Catalog Number of Waterway: 244-10-10010

Name of Waterway: Anchor River South Fork ☑ USGS Name ☐ Local Name

☐ Addition ☐ Deletion ☐ Correction ☑ Backup Information

For Office Use

Nomination #	C9-1518	[signature] Fisheries Scientist	10/30/09 Date
Revision Year:	2010	[signature] Habitat Operations Manager	10/20/09 Date
Revision to:	Atlas ____ Catalog ____ Both X	[signature] AWC Project Biologist	30 OCT 09 Date
Revision Code:	B-2	[signature] Cartographer	12/17/09 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Steelhead	5/15/2005	Yes		Yes	☑
					☐
					☐
					☐
					☐

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:

Steelhead seen spawning between given GPS coordinates. See attached documents and map.

Add Steelhead trout spawning to 244-10-10010

Name of Observer (please print): Daniel J. Rinella

Signature: [signature]

Date: 10/23/09

Agency: University of Alaska

Address: 707 A Street
Anchorage AK 99501

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: [signature] Date: 10/26/09 Revision

02/08

Site Name: SFAR05-1 Date: 5/19/05 Crew initials: DR, KK, JG, MS, LF Page of

Bottom of Reach Average GPS Position: Accuracy: Count: T B

Top of Reach Average GPS Position: 59.71992, 151.62059 Accuracy: ±6M Datum: NAD 27

# of Undercut LWD trees: Left Bank Right Bank

bee

Perp. to flow

Debris Jams

#	Length (M)	% of Bankull Width	Distance(M)	# of LWD Pieces	Flag
1	3	15	99.2	5 6	
2	3	15	N 242-270	2	
3	4	15	POOL 242-270	2	
4	15	10	P 242-270	5 ~~6~~	2
5	3	5	in riffle 2 (120-242)	3	

59°43'11.712"
-151°37'14.1234"
could add SHs

Wood Tally

wood #	species	diameter (≥10cm)	length (≥2m)	source	position	decay class	root wad (y/n)	debris jam (y/n)	habitat unit	zone(s)	flag
1	UNK	45	14	BAER	PAR	5	Y	N	PL	1,2	
2	SPRUCE	20	2	BEET	PER	3	Y	Y	PL	1,2	Root
3	UNK	15	2	SNAP	PER	4	N			2	
4	UNK	20	2.5	SNAP	PER	4	N			2	JAM 1
5	SPRUCE	30	4.5	BEET, SNAP	PER	3	~~Y~~ N			2,3	
6	ALTE	10	2	BAER	PAR	1	Y			2,3	
7	UNK	10	3	SNAP	ADO	3	N			1,2	
8	UNK	40	2	BAER	PER	4	Y	N	DR	2	F1
9	UNK	40	6	BAER	ADO	3	y	N	DR	2	
10	UNK	10	3	BEAV	PAR	4	n	n	DR	2	
11	SPRUCE	15	5	BAER	AUP	2	y	n	PD	1,2	
12	UNK	15	6	Snap	PER	3	n	y	DR	2	JAM 2
13	UNK	15	5	BAER	~~RE~~ PER	3	y	y	DR	2	
14	UNK	15	3	SNAP	PER		n	y	DR	2	Jam 3
15	UNK	15	5	SNAP	PER		n	y	DR	2	

can't have root wad and be snapped

Decision Rule - Assume Bank eroded and snapped above, ∴ BAER

FLAG	COMMENTS
F1	PART OF A TREE
2	nice pool w/ fry

POOL/ SPAWNING GRAVEL SURVEY FORM

POOL GLIDE RIFFLE

Site Name: SFAR05-1 Crew initials: MS, JG, LF Date: 5/19/05 Page of

(POOL) M²

Pools

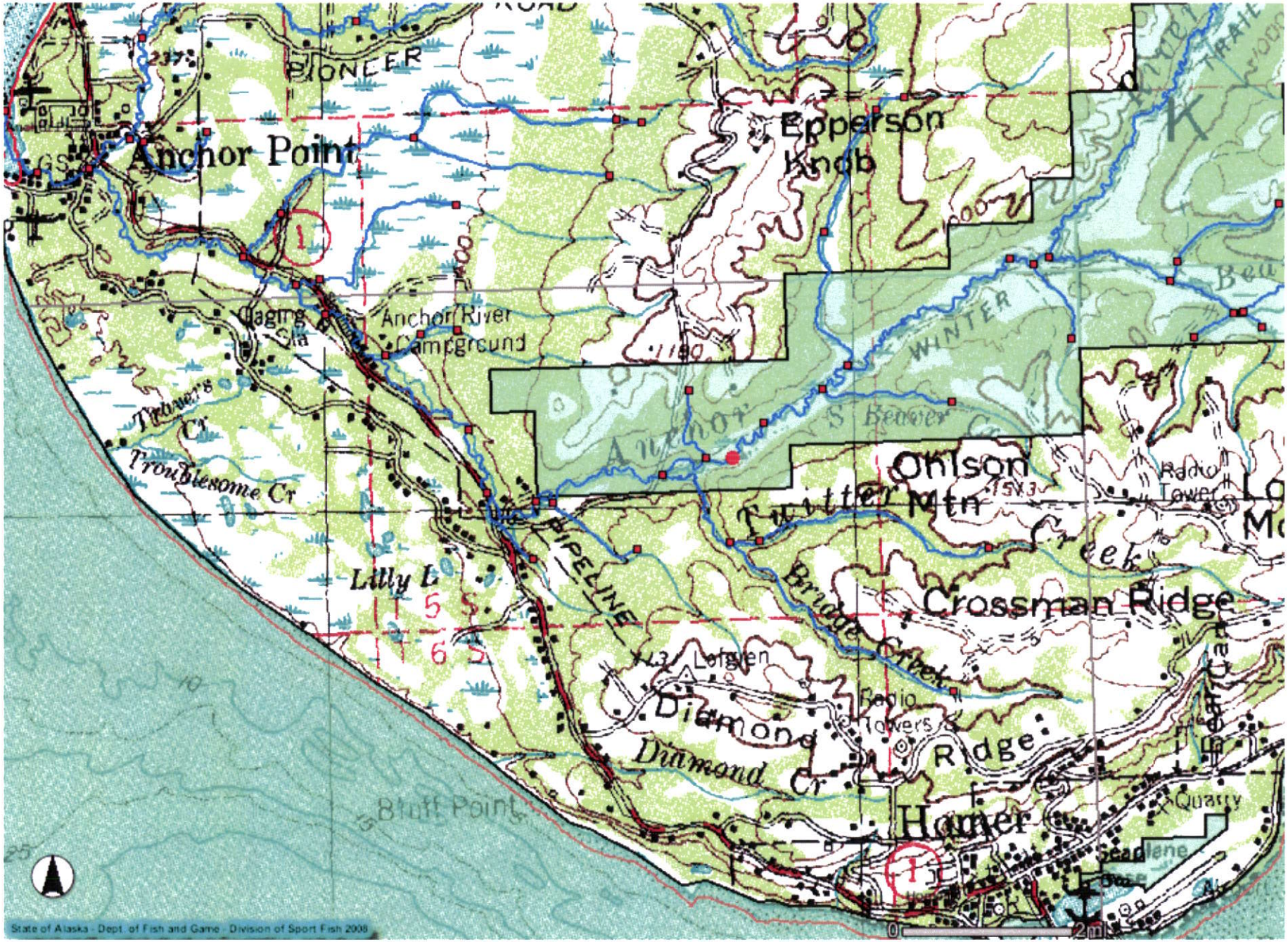
Pool #	Type	Form Code	Length (M)	Bankfull Width (M)	Wetted Width (M)	Bankfull Height (cm)	Max Depth(cm)	Tail Crest Depth(cm)	Spawning Substrate Area	Embed. (%)	Fish Cover LWD	B	UCB	LT	OHV	Fish (Y/N)
1	PL	F	120	22	16	0.5m	100	60	1000	35	1	1	1	1	1	N
2	PL	F	28	18	10	50	110	60	100	25	1	0	1	1	0	N
3	PT	F	54	20	19	25	100	40	750	30	0	1	1	0	1	Y Steelhead pair spawning
4																
5																

Spawning Gravel

Habitat Unit	Substrate Area	% Sub. B/T 10-102mm	Embed.(%)	LWD (Y/N)	Redd Count	Comments

FLAG	COMMENTS
	** ALL POOLS taken starting from top of reach

Spawning gravel



Anchor Point
Epperson Knob
Anchor River Campground
Oaging Sta
Travers Cr
Troublesome Cr
Lilly L
PIPELINE
Anchor
WINTER
S Beaver Cr
Ohlson Mtn
Twitter Creek
Bridge Creek
Crossman Ridge
Radio Tower
Lofgren
Diamond
Diamond Cr
Radio Towers
Ridge
Homer
Quarry
Bluff Point
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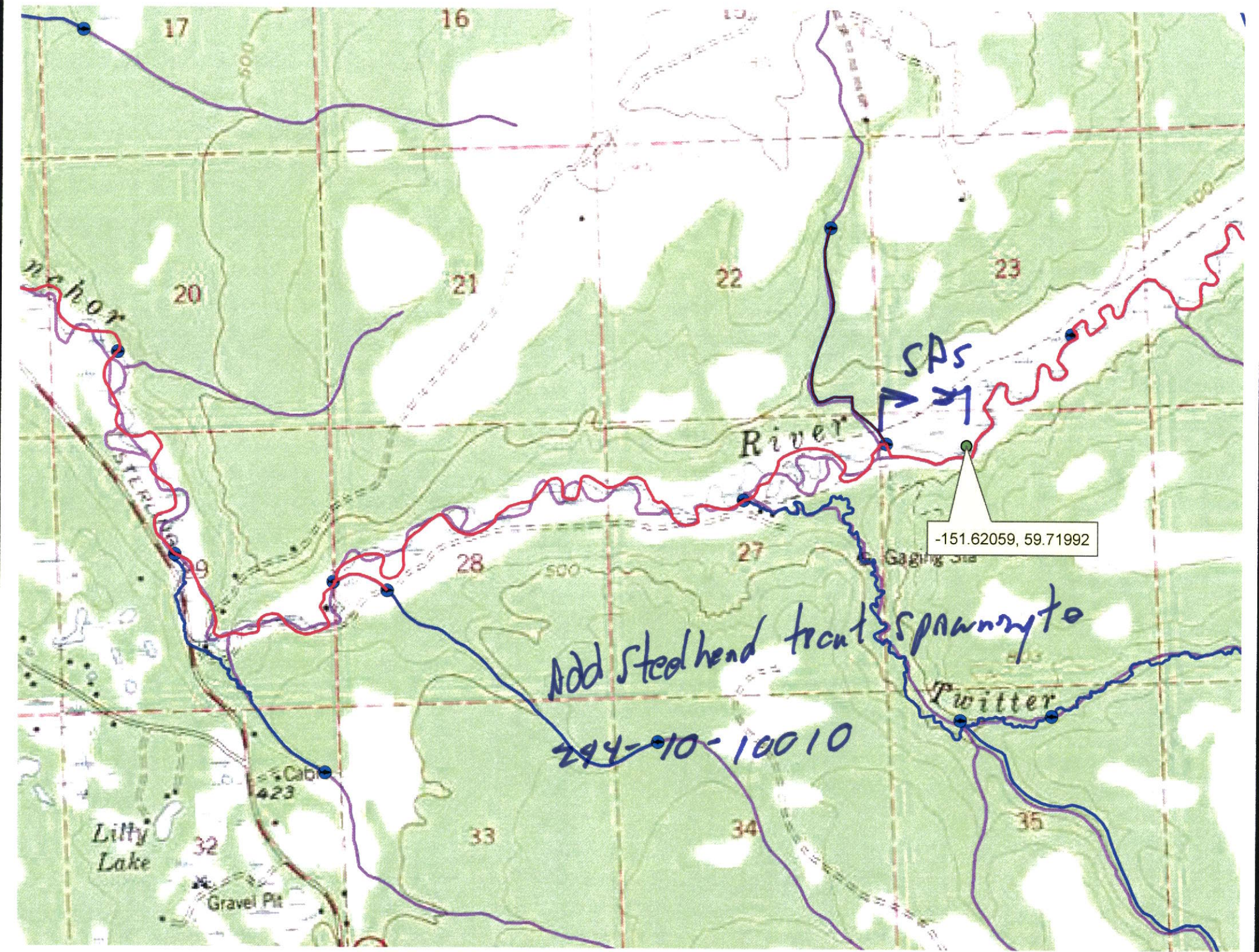
17
16
20
21
22
23
SPs
River
-151.62059, 59.71992
Gaging Sta
28
27
Add Steelhead trout spawning to
Twitter
294-10-10010
Cabin
423
Lilly
Lake
32
33
34
35
Gravel Pit