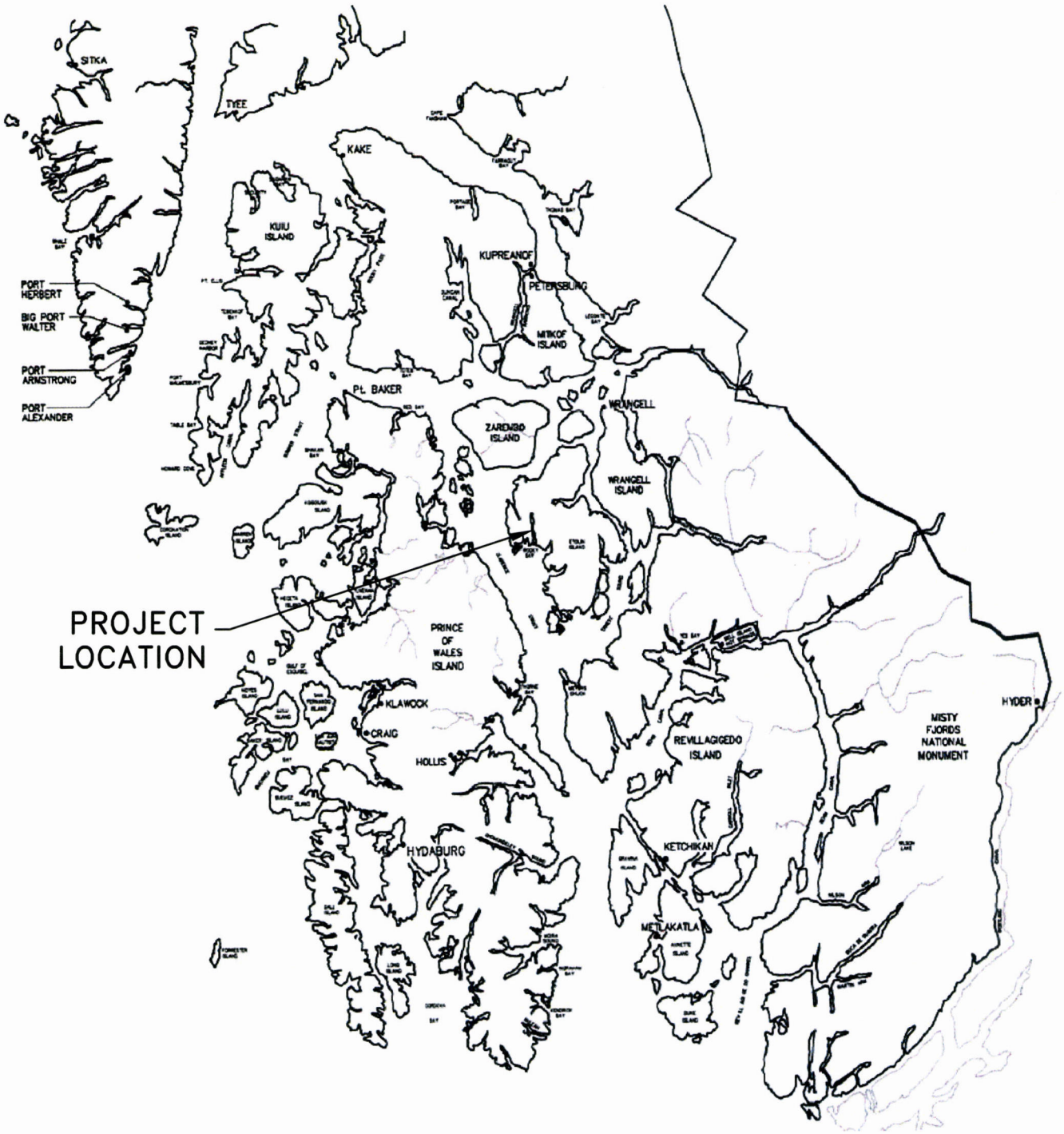
ADL 104373
Lease Renewal Decision
Attachment 1. Development Plan
5 Pages

Burnett Inlet Hatchery Project Description 2018

The Burnett Inlet hatchery (BIH) located at the approximate midpoint on the eastern shore of Burnett Inlet on Etolin Island. The site straddles state and federal land, holding both state and federal authorizations to occupy the site. The included table is a listing of all the site development within or partially within the leased ATS 1337. This hatchery site is operated year round and employs four full time equivalent people on site. SSRAA took possession in 1997. Current operations are focused solely on chum production. This facility is permitted with ADF&G to incubate 68 million summer chum salmon eggs and 35 million fall chum salmon eggs. It is integral in the SSRAA enhancement program. BIH serves both as a high production level hatchery and as an alternative broodstock security site for our Neets Bay hatchery. The pile supported bunkhouse/warehouse contains the site workshop and materials storage on the first floor. The second floor includes two permanent employee apartments and a bunkhouse for temporary and visiting staff. The manager house is offsite on USFS permitted land. The sockeye building and the newer incubation building described within the development table are used for incubation of chum eggs. Between those two buildings are rectangular holding ponds the fish ladder recruits to for spawning adults. The net pen arrays moored at the site are in place year round, but only rear fry for release or transport to other locations to be released during the months of January-May. The vertical raceway complex located on the inside of the net pen arrays are used for rearing coho prior to transport. This entire site is active in intensive fish culture activities approximately 10.5 month of the year and June to mid-July are the months where no fish are onsite, but crews are diligently working on maintenance and preparing for adult returns.

In 2018 SSRAA will collect summer chum salmon eggs at BIH for hatchery rearing and release, and fry transport to Anita Bay and Port Asumcion for saltwater rearing and release. Fall chum eggs will also be collected for rearing and release at BIH as well as transfer of eyed eggs to NBH. BIH also incubates fall coho salmon eggs (Indian Creek stock) from WLH and transports resultant fry to Neck Lake for long term freshwater rearing. Fall coho salmon smolt are transported to NBH and Anita Bay for saltwater rearing and release. In 2018 the summer coho eggs (Reflection Lake stock) will be collected at WLH and eyed eggs transferred to BIH for incubation, initial feeding and transport to Neck Lake for rearing and release.

SSRAA's long-term goal is to have 75% of all fish produced harvested in common property fisheries, with the remaining 25% harvested by SSRAA to cover operating expenses. Strong chum salmon survivals are necessary to achieve this goal. In 2017, about 70% of the returning adults were captured in common property harvest when SSRAA chum salmon survivals were not strong.



Burnett Inlet Hatchery

Vertical Datum: MLLW (Dewey Anch.)
Adjacent Property Owners:
U.S. Forest Service

Date Updated: 6-12-2018 Applicant's Name: SSRAA, Inc.

Alaska Department of Natural Resources

Div. of Mining, Land, Water

Land Use Lease

Site Location Map

Sec.(s)30 T. 66S., R. 84E., CRM; ATS 1337

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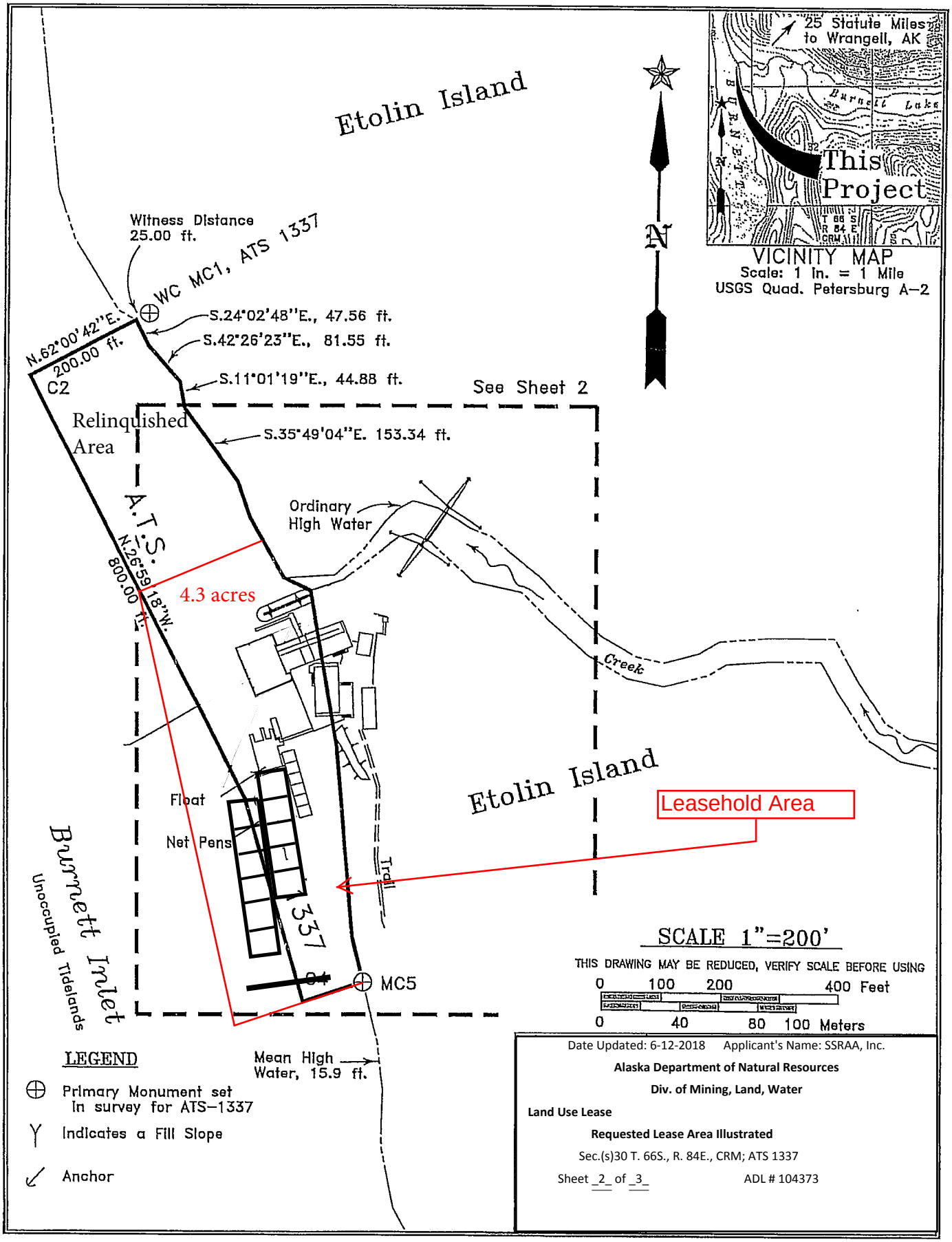

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Land Use Lease

Requested Lease Area Illustrated

Sec.(s)30 T. 66S., R. 84E., CRM; ATS 1337

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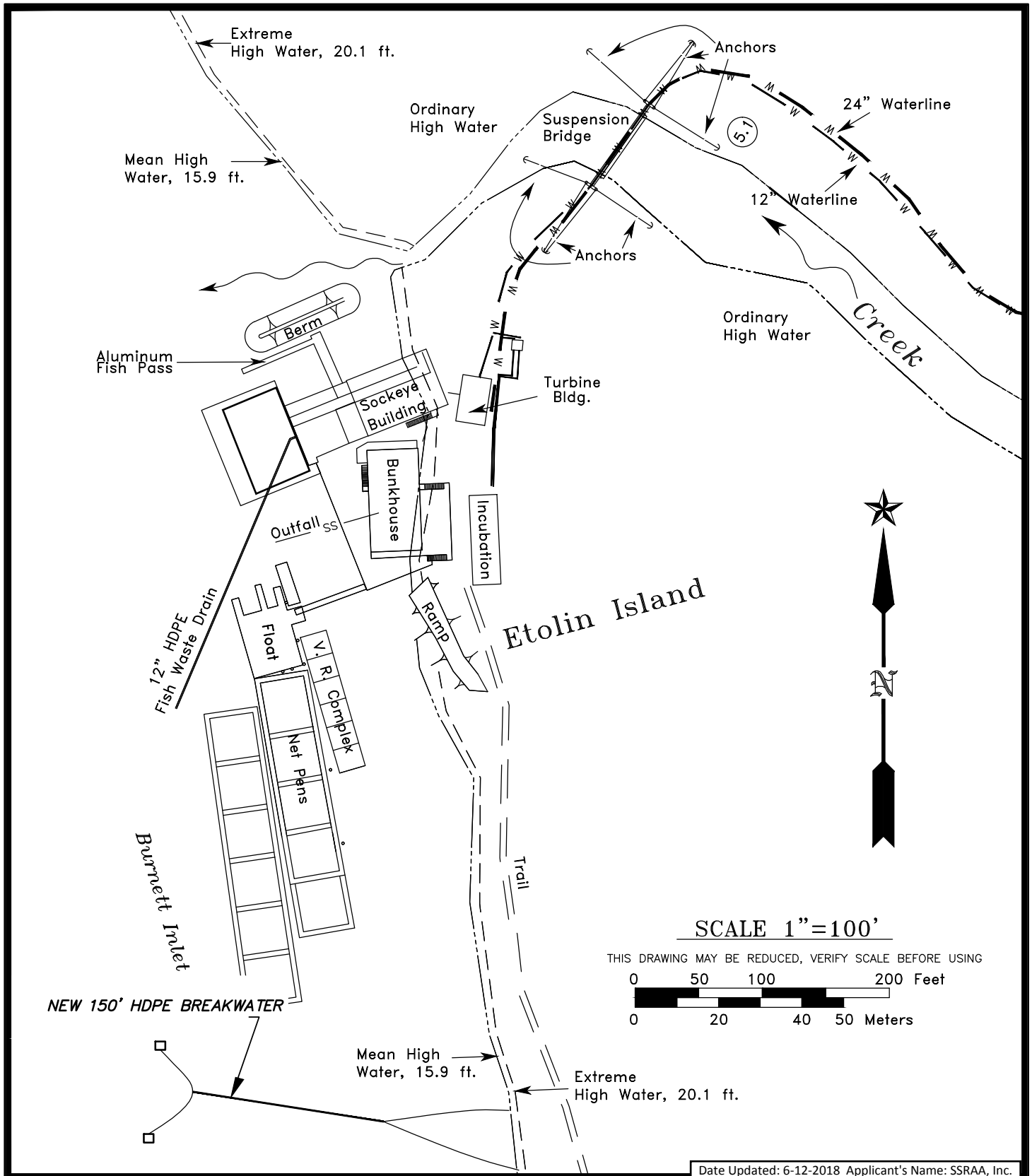

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Development plan

Sec.(s)30 T. 66S., R. 84E., CRM; ATS 1337

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Burnett Inlet Hatchery Improvements 7-18-2018

Improvement	Construction	Approx. Dim.
VR Complex/Airplane Float		
VR Complex	Galvanized Steel, encapsulated foam floatation	150' long x 22' wide
Airplane Float	Wood planks over HDPE foam filled billets	65' long x 40' wide
	6 driven creosote pilings (assume to refusal)	
	2 galvanized steel piling	
Net Pens	HDPE Billet floatation aluminum walkways	230' long x 44' wide
	HDPE Billet floatation aluminum walkways	264'X44'
Breakwater	HDPE 36" pipe breakwater with 8' weighted keel	36" diameter (8' keel) X 150'
Bunkhouse/Deck		
Bunkhouse	2x6 construction, metal siding and roof	80' long x 41' wide, best guess 65% on tidelands
Deck	Wood plank	115' long x 55' wide
	The bunkhouse and deck are supported by piles on tidelands:	
	54 set creosote	
	30 driven non-creosote wood (assume to refusal)	
	4 set non-creosote wood	
	2 driven steel (assume to refusal)	
Sockeye Building/Raceways on concrete slab		
Sockeye Building	Metal Building	85' long x 47' wide, part of this building is on tidelands
Raceways	Aluminum	48' long x 12' wide each
Concrete slab	Everything supported by 20 set galvanized steel piling	121' long x 52' wide, with approx 60% of slab on tidelands
	on concrete footings. These pilings are on tidelands	
Aluminum Fish Ladder	Welded aluminum, two sections	60' long x 4' wide (sec. 1)
		230' long x 8' wide (sec. 2)
Gangway	Aluminum	65' long x 6' wide
Incubation Facility		
Building	Metal stud frame metal panel construction	70' long x 52' wide (includes canopy area)
Concrete Deck	Concrete pre-formed slab deck with 20 12" galvanized steel piling	80' long x 68' wide
	on 20' centers and 13 12" galv steel piling wrapped with HDPE as	
	fender piles on the west face.	