

**Notice of Intent** 1013  
**To be covered under the General NPDES Permit AK-G70-1000 for**  
**Log Transfer Facilities in Alaska**  
 (see Part V of the permit)

Submission of this document constitutes a request that certain discharges into waters of the United States resulting from the operation of the log transfer facility identified herein be authorized under General NPDES Permit AK-G70-1000.

Previously Assigned NPDES Permit No. (if applicable):

NPDES Permit No. AK-G70-0 \_\_\_\_\_  
 (to be assigned by EPA)

**Landowner Information**

Landowner Name: USDA Forest Service Alaska Region Tongass National Forest

Address: 648 Mission Street, Federal Building  
 Ketchikan, AK 99901

Phone: (907) 228-6200

FAX: (907) 228-6292

Representative: THOMAS PUCHLERZ

**Operator Information**

Company Name: N/A

Address: N/A

Phone: N/A

FAX: N/A

Representative: N/A

**Facility Information**

Section 404 Permit No., Facility Name on Permit, and Issuance Date: 071-OYD-2-90523, St. John Baptist, 09/27/1999

Waterway Name: St. John Baptist Bay 1

Facility Name: St. John Baptist

Address: Section 9, T.53S., R.62E., C.R.M.

Phone: N/A

FAX: N/A

Latitude/Longitude: 57°17'12" N 135°33'28" W

Distance/Direction to nearest town/city: about 18.5 miles NW of Sitka, AK

Attachments:  Nautical Chart     Vicinity Map     Plan Drawing     Elevation/Cross Section View

**Description of operations:** Facility is designed to have log bundles placed into the water by equipment (Double A-Frame or Crane) lifting log bundles off log trucks, then lowering bundles into the water. Once bundles are floating, they would be moved to operator's log rafting pens by small boat. Timber operator would have to maintain a log rafting area near the Log Transfer Facility (LTF). Onshore log storage is limited adjacent to the LTF due to the small work area. Log bundles will have to be stored at a remote uplands location, and transported to the LTF just prior to being transferred to water or barge.

Direct loading of barges from this LTF is considered fair, due to the bulkhead face height, and the remote storage of log bundles. Barge loading at this facility is limited to barges loaded by specialized lifting equipment positioned near the bulkhead face (crane or yarder), or to barges equipped with self-loading equipment. In both cases, bundles are brought to the bulkhead by truck, front end loader, or stacker, then lifted onto the barge by the lifting equipment. There is a potential for barges grounding out on lower tides or when the barge draft increases due to the weight of the loaded log bundles, due to shallow depth water within 30 feet seaward of the bulkhead face.

**Demonstration that operations constitute important or social or economic development in the area and that a zone of deposit is necessary to accommodate operation of the LTF:** The purpose and need for the operation of the LTF is to implement the direction in the Tongass Land and Resource Management Plan, to seek to meet market demand as prescribed in the Tongass Timber Reform Act (1990), to contribute to providing a sustained volume of wood to meet local and national demand, and to provide local and regional employment opportunities.

The movement of logs from uplands to the water creates bark deposition at all log transfer facilities. The extent of the deposit is determined by the amount of timber volume crossing the facility, the frequency of projects utilizing the site, the tidal characteristics immediately adjacent to the LTF, and the methods utilized in transferring logs.

**Describe known existing uses of the receiving water where the LTF is located, and demonstrate that those uses will be fully protected by the proposed operation of the LTF:**

This area is used as a juvenile Sablefish retention area and Dungeness Crab pot fishing. The uplands are used for recreation, including ATVs, bicycles and hiking.

None of the waterway uses identified above should be hindered by the continued operation and use of the LTF. All reasonable practices will be implemented to avoid the discharge of bark, wood debris, and other pollutants to the receiving waters, and to contain the discharge to the smallest area that is practicable and is consistent with the safe and orderly operation of the LTF.

### Facility Classification

Category:  
 Shore-based  
 Off-shore

Method of Log Transfer: Double A-Frame or Crane  
 Lutoff/lowering off of Native Log Crib bulkhead

Use Description (Type I, II, III, IV or V): IV

### Production Data

Expected facility lifespan: 5 to 10 years for log bulkhead, with removal to adjacent uplands at end of sale.

Projected Months of Operation: April to October

Volume to be transferred (board feet, Scribner scale)

Maximum over life of permit: 20 mmbf

Average per year: 4 mmbf

Maximum per year: 10 mmbf

Approximate volume of timber (mmbf) previously transferred over the facility, if known: 75 mmbf

### Receiving Water Information

#### ATTACHMENTS (for Type I-IV shore-based LTFs)

Bark monitoring surveys not previously submitted to EPA

### Signature and Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations

Signature of Principal Corporate or Executive Officer/General Proprietor



Printed Name

Jacqueline Myers

Title/Company

Acting Regional Forester/ USDA Forest Service Alaska Region

Date

2/21/2001

Submit this Notice of Intent to:

U.S. Environmental Protection Agency  
Region 10  
1200 Sixth Avenue, OW-130  
Seattle, Washington 98101  
Attn: LTF Reporting

Alaska Dept. of Environmental Conservation  
Division of Air and Water Quality  
410 Willoughby Avenue, Suite 105  
Juneau, AK 99801  
Attention: LTF Reporting

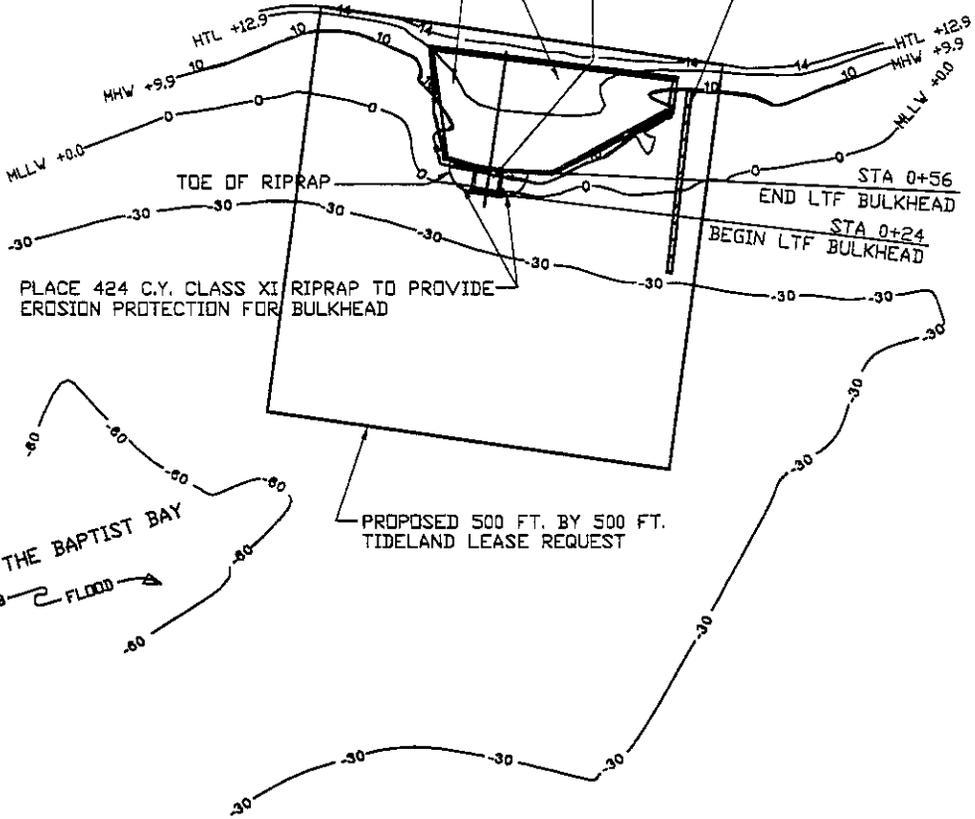
Qualified applicants will be authorized to discharge under this general NPDES permit upon receipt of written authorization from EPA.



PROPOSED LTF WORKING PAD, BASE ELEV. +14.0 - ALL EXCAVATION AND EMBANKMENT WORK FOR PAD TO BE PERFORMED ABOVE ELEVATION +9.5.

PROPOSED 32' x 32' x 16' HIGH LOG CRIB WITH ROCK FILL; BULKHEAD; EXCAVATE 267 C.Y. BEACH SEDIMENTS TO INSTALL BULKHEAD AND FILL BULKHEAD PLUS PAD WITH 2,131 C.Y. TO BRING BULKHEAD AND PAD TO ABOVE HIGHEST TIDE LINE.

PROPOSED 6 FT. WIDE, 225 FT. LONG SEGMENTED FLOATING WALKWAY AND SMALL BOAT/SEAPLANE ACCESS



PLACE 424 C.Y. CLASS XI RIPRAP TO PROVIDE EROSION PROTECTION FOR BULKHEAD

PROPOSED 500 FT. BY 500 FT. TIDELAND LEASE REQUEST

ST. JOHN BAPTIST BAY  
SITE PLAN

80 0 80 160

SCALE IN FEET



TIDAL DATUM: (FROM DLGA PT. USC & GS BENCH, AS MODIFIED BY DEPT. OF ARMY, CORPS OF ENGR. 4/99)

HIGHEST TIDE LEVEL (HTL): 12.9  
MEAN HIGH WATER (MHW): 9.9  
MEAN LOWER LOW WATER (MLLW): 0.0

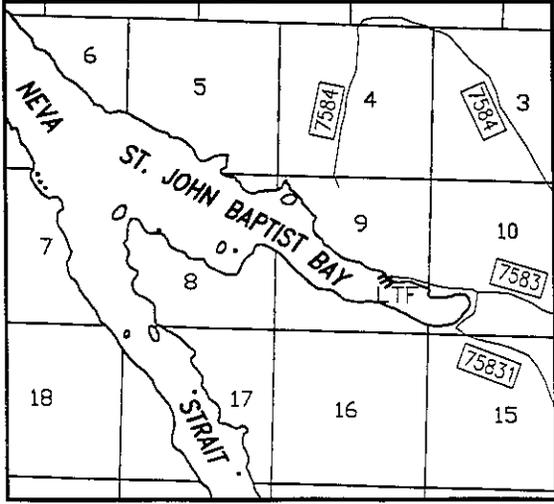
INTERTIDAL/SUBTIDAL IMPACTS:

- BELOW MHW:
1. CONSTRUCT 32' X 32' X 16' HIGH LOG BULKHEAD.
  2. PLACE 533 C.Y. CLEAN SHOT-ROCK FILL IN BULKHEAD AND 30 C.Y. FILL FOR WORK PAD.
  3. PLACE 424 C.Y. CLASS XI RIPRAP SLOPE PROTECTION.
  4. FLOATING WALKWAY SEGMENTS GO AGROUND ON LOWER TIDES (6 FT. WIDE BAND UNDER FLOATS).
  5. AREA OF IMPACT 0.07 ACRES
- BETWEEN MHW AND HTL:
1. PLACE 1,568 C.Y. CLEAN SHOT ROCK FILL MATERIAL TO CONSTRUCT LOG TRANSFER FACILITY WORKING PAD FOR LOG SORTING, STORAGE, AND LOADING ACTIVITIES.
  2. FLOATING WALKWAY SEGMENTS GO AGROUND ON LOWER TIDES (6 FT. WIDE BAND UNDER FLOATS).
  3. AREA OF IMPACT 0.51 ACRES

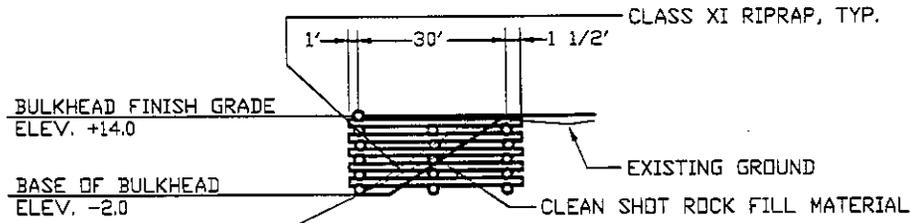
VICINITY MAP: USGS QUAD, S18k B-5



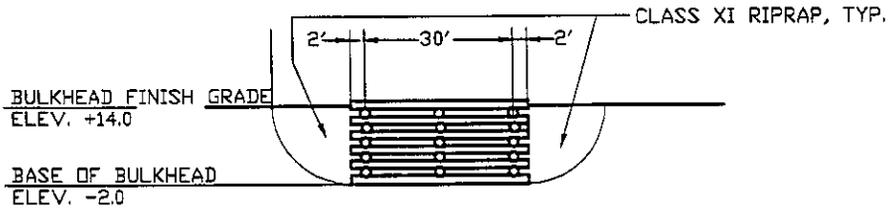
SCALE, IN MILES



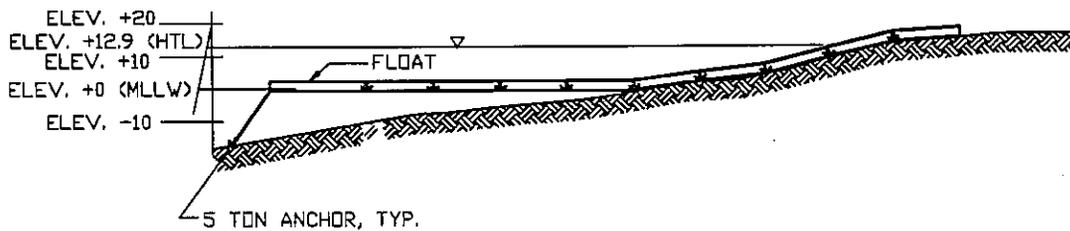
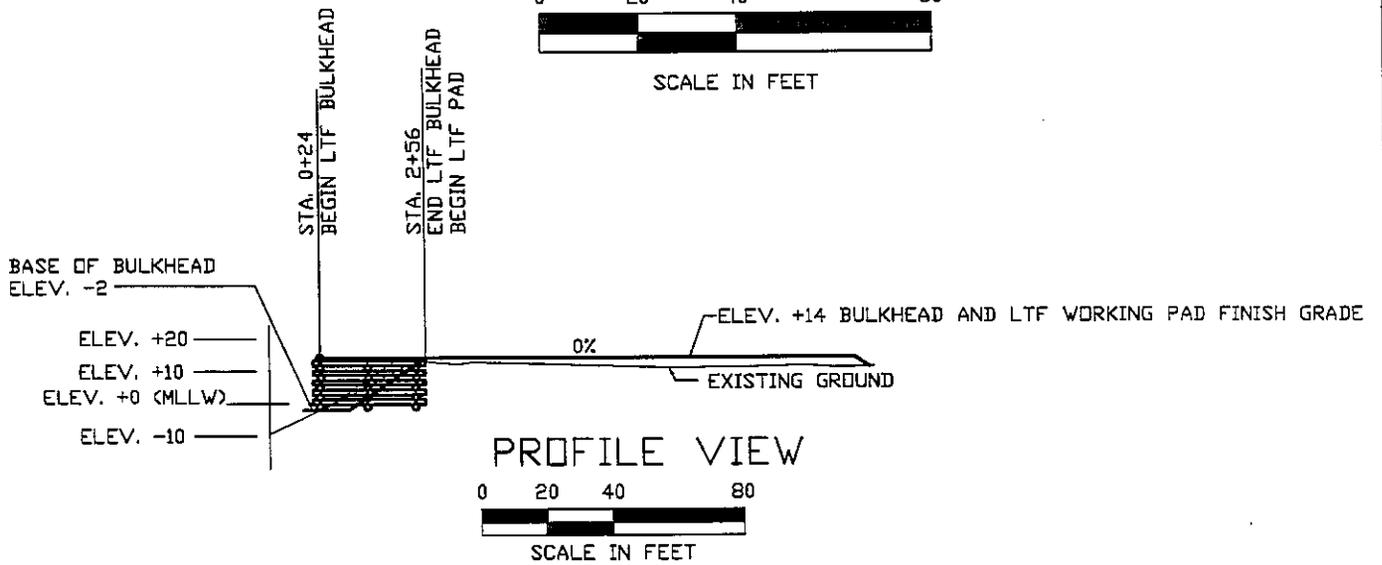
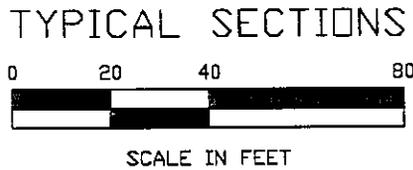
DATE: 09-08-2000	APPLICANT: M. Parker USDA Forest Service
<b>ST. JOHN BAPTIST BAY LOG TRANSFER FACILITY</b>	
<b>ENVIRONMENTAL PROTECTION AGENCY NPDES GENERAL PERMIT</b>	
SEC. 9, WITHIN T. 53 S., R. 62 E., CRM	
SHEET 2 OF 3	



BULKHEAD SIDE ELEVATION



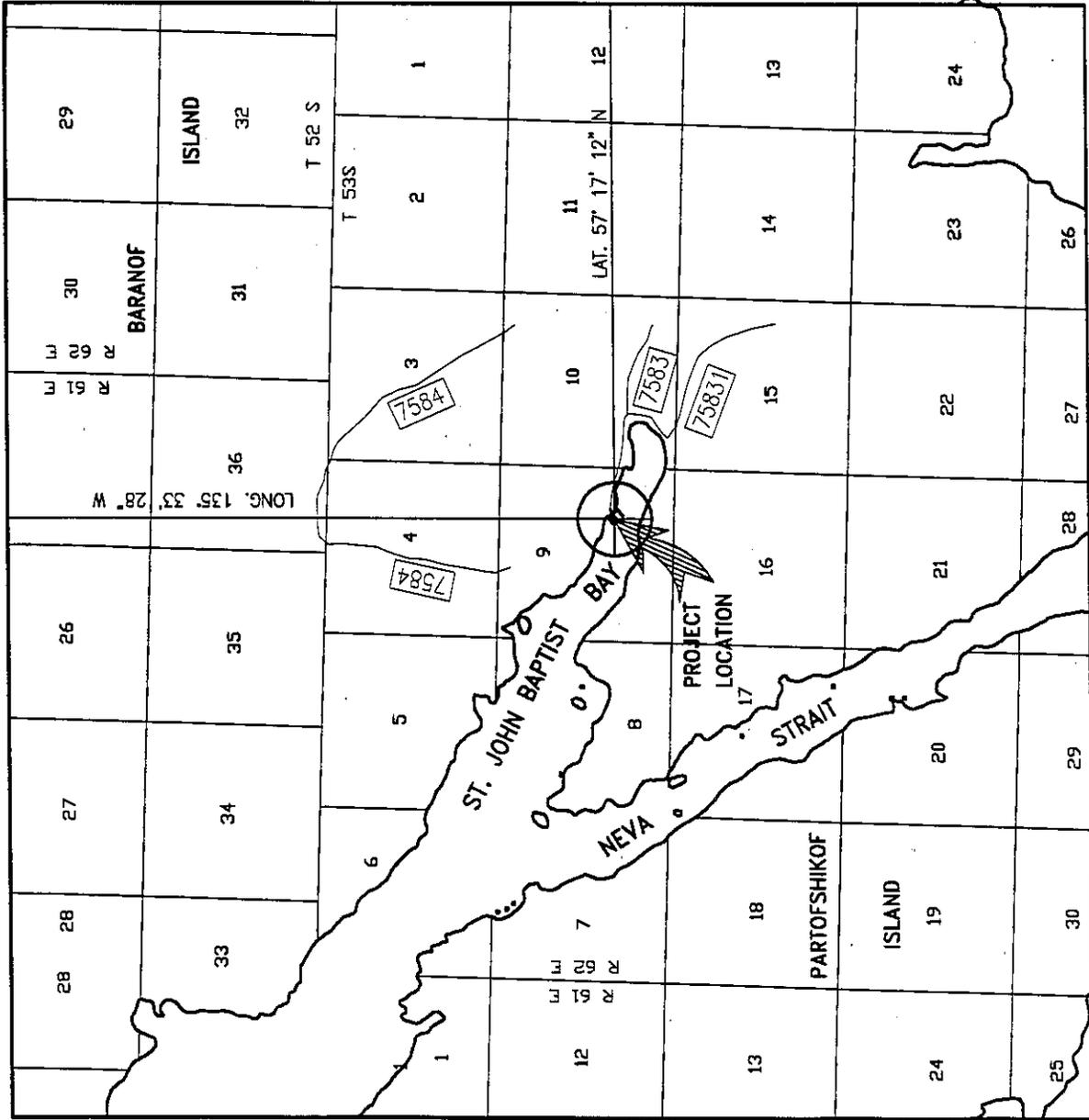
BULKHEAD FRONT FACE ELEVATION



FLOAT PROFILE  
NO SCALE

NOTE: FLOAT SEGMENTS ARE INTENDED TO GO AGROUND ON LOWER TIDES.

DATE: 09-08-2000	APPLICANT: M. Parker USDA Forest Service
ST. JOHN BAPTIST BAY LOG TRANSFER FACILITY	
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SHEET 3 OF 3	



- LEGEND**
-  STATE & PRIVATE LAND HOLDINGS
  -  LANDS MANAGED BY US FOREST SERVICE
  -  LTF
  -  FOREST SERVICE ROAD NUMBER

DATE: 05-10-00 APPLICANT: M. Parker  
 USDA Forest Service

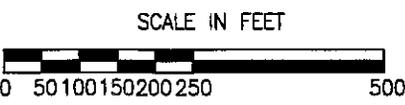
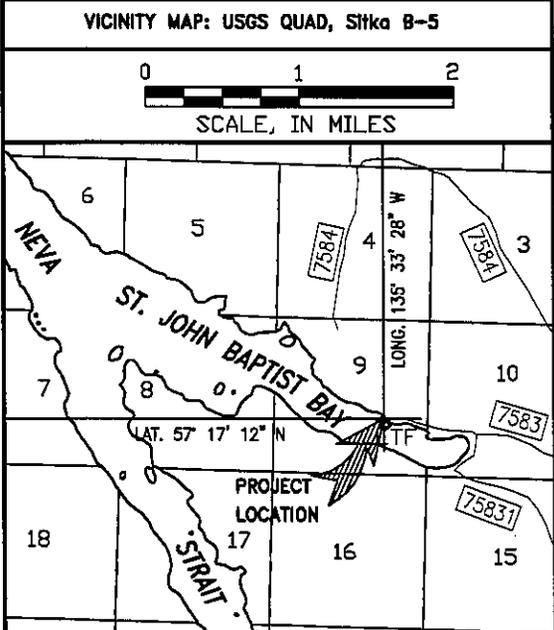
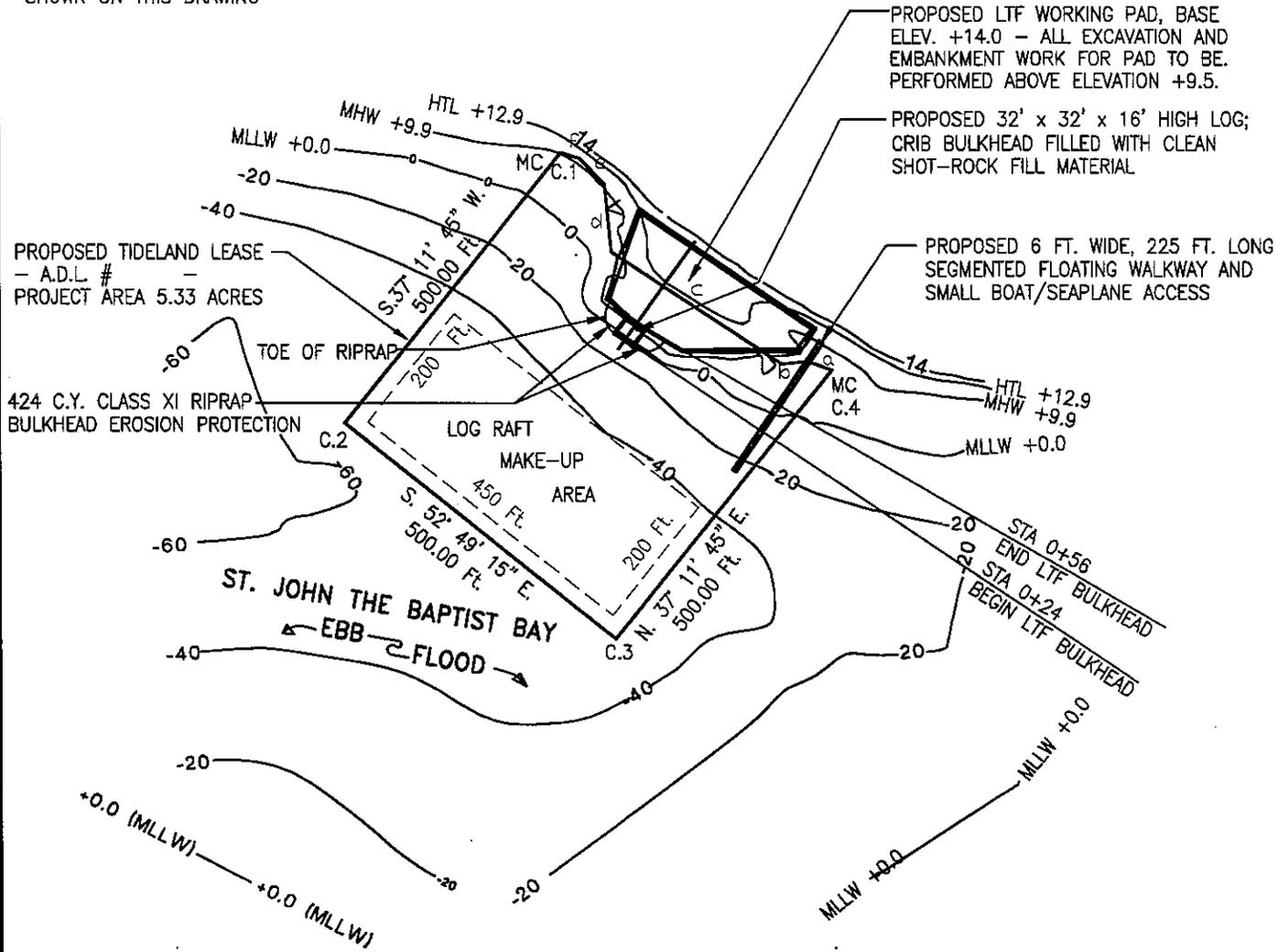
**ST. JOHN BAPTIST BAY LOG TRANSFER FACILITY VICINITY MAP**

ENVIRONMENTAL PROTECTION AGENCY  
 NPDES PERMIT DRAWING

SEC. 9, WITHIN T.53 S., R. 62 E., CRM  
 SHEET 1 OF 3

DRAWN BY: K. ELMORE  
 DATE: 5/10/2000

MEANDER COURSES NOT SHOWN ON THIS DRAWING



**SITE PLAN**

(TRUE)

BASIS OF ELEVATION:

TIDAL DATUM: (FROM OLGA PT. USC & GS BENCH, AS MODIFIED BY DEPT. OF ARMY, CORPS OF ENGR. 4/99)

HIGHEST TIDE LEVEL (HTL): 12.9  
MEAN HIGH WATER (MHW): 9.9  
MEAN LOWER LOW WATER (MLLW): 0.0

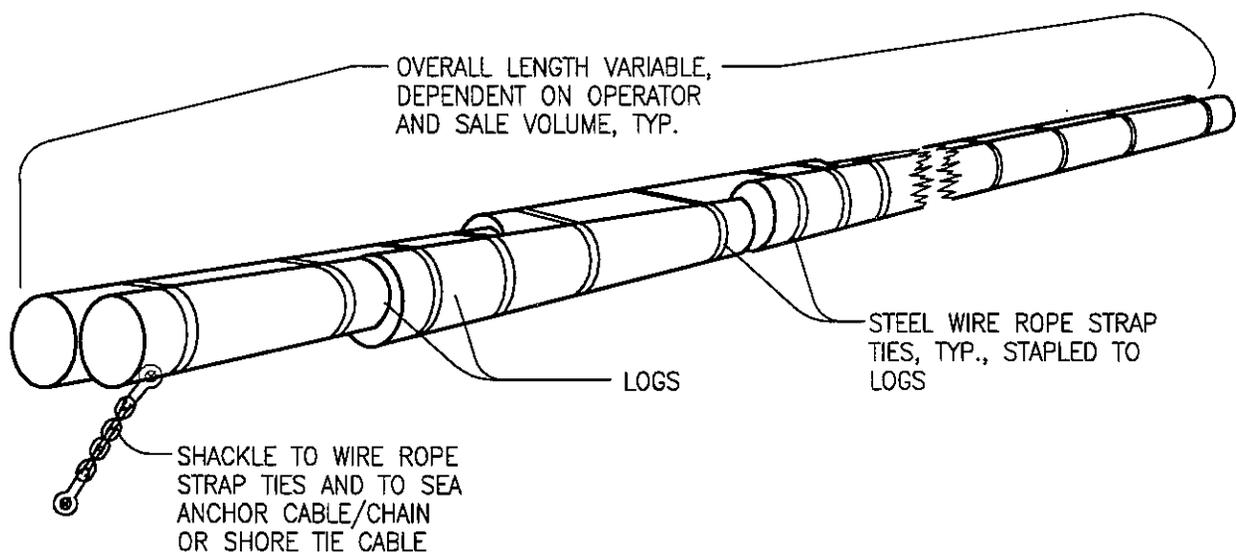
DATE: 06-01-2001 APPLICANT: M. Parker  
USDA Forest Service

**ST. JOHN BAPTIST BAY LOG TRANSFER FACILITY**

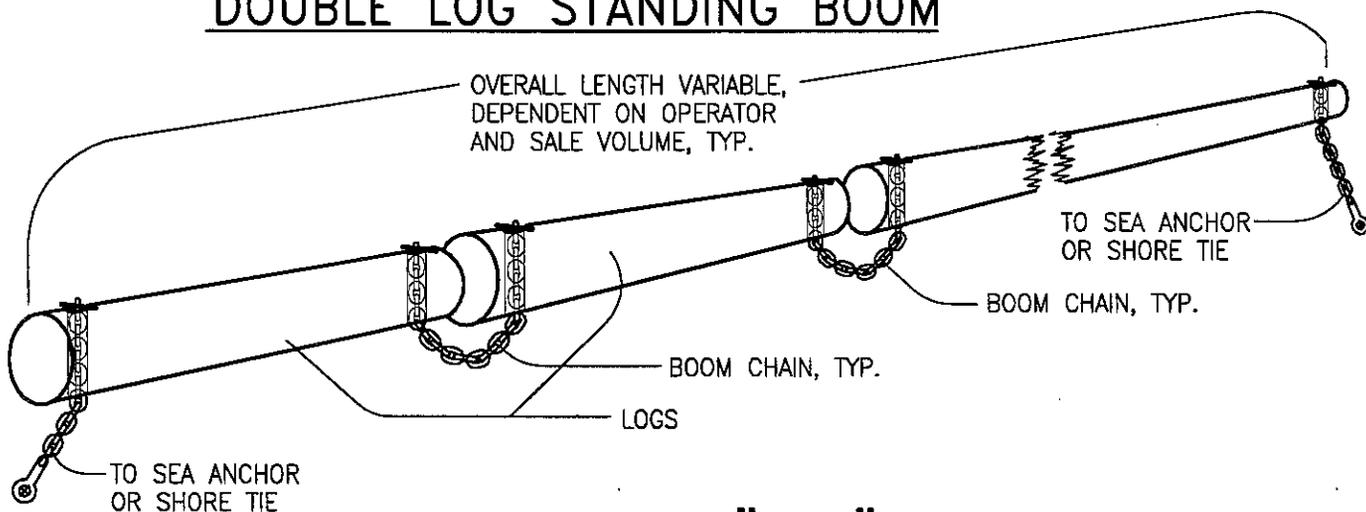
**ENVIRONMENTAL PROTECTION AGENCY  
NPDES GENERAL PERMIT**

SEC. 9, WITHIN T. 53 S., R. 62 E., CRM

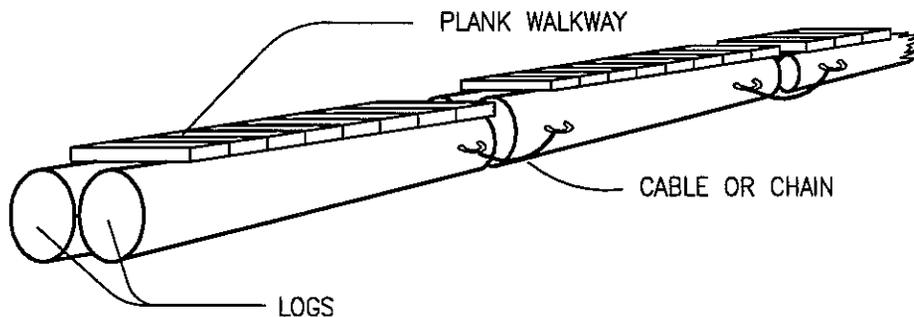
DRAWN BY: K. ELMORE



### DOUBLE LOG STANDING BOOM



### SINGLE LOG "BAG" BOOM



### DOUBLE LOG STIFFLEG

**NOTE:**  
 TIMBER OPERATORS MAY USE ANY OR ALL OF THE TYPICAL BOOMS ILLUSTRATED, DEPENDENT ON THE OPERATOR'S EQUIPMENT AND/OR THE VOLUME OF TIMBER BEING HARVESTED. ALL THREE OF THE BOOMS ILLUSTRATED MAY BE TIED TO SHORE WITH WIRE ROPE OR CONNECTED TO SEA ANCHORS.

**PURPOSE:**

CONTAINMENT OF LOGS TRANSFERRED TO WATER AND LOG RAFT MAKE-UP

STANDARD LOG BOOMS TYPICAL DETAILS

NO SCALE

DRAWN BY: K. ELMORE

DATE: 06-01-2001

APPLICANT: M. Parker  
 USDA Forest Service

ST. JOHN BAPTIST BAY LOG TRANSFER FACILITY

ENVIRONMENTAL PROTECTION AGENCY  
 NPDES GENERAL PERMIT

SEC. 9, WITHIN T. 53 S., R. 62 E., CRM