

SITE INFORMATION

Site Identifier : BK1LB1 **Landowner Type :** Private
Site Name : **Landowner Name :** Puget Power
WRIA : 03.0453X **Address :**
Region : NS **Address2 :**
Trib to : Thunder Cr **City :**
River Mile : 0.40 **State :**
River System : Baker R **Zipcode :**
Legal Description : SW1/4S13T36NR8E **Phone :**
County : Skagit
Habitat Type : terrace tributary

Directions :

Site is most easily accessed by taking a boat up Lake Shannon to Thunder Creek, then walking up Thunder Creek to the falls. Site is just below the fall on the left bank.

Area Overview :

Site is a small, low gradient surface stream with nice spawning gravel that is accessible a short distance into a narrow canyon. Remarkable numbers of newly emergent trout fry were present on the day of the survey.

Field Survey Information

Date : 8/6/97 **Observer :** Barkdull **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermittent Year-round

Estimated Flows (cfs): Lower end:0.2
Upper end:0.2

Water Temperature(C): Lower end:11
Upper end:11

Receiving Water Temperature (C): 11

Other Observations:

Site Area Measurements: Indirect Direct Combination

Widths: Channel:1.0 Ponds: Wetlands:

Depths: Channel:0.1 Ponds: Wetlands:

Total length (includes ponds and wetlands):48

Total existing habitat area (est. m2):48

Spawning area: Mainstem:16 Tribs: Total:16

Impounded area: Mainstem: Tribs: Total:

Other rearing area: Mainstem:48 Tribs: Total:48

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: None Poor Fair Good Excellent

Describe spawning habitat: Riffly stream in lower 32 meters with clean 1" minus gravel

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Stream is mostly riffles and cascades with only a few pools

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Stream appears very stable

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Site flows into a side channel of Thunder Creek

Coho access and use: Juvenile Unknown None Poor Fair Good
Adult Unknown None Poor Fair Good

Describe: Coho only have access to Lake Shannon when spill occurs at upper Baker Dam or by going through the turbines. Adult salmon are trapped below lower Baker Dam and hauled to Baker Lake and released.

Other species access and use: Chum Pink Sockeye Chinook Trout

Describe: Juvenile trout were present on the day of the survey. Several redds were observed, probably from rainbow trout

ENHANCEMENT OPPORTUNITIES: None

Project type:

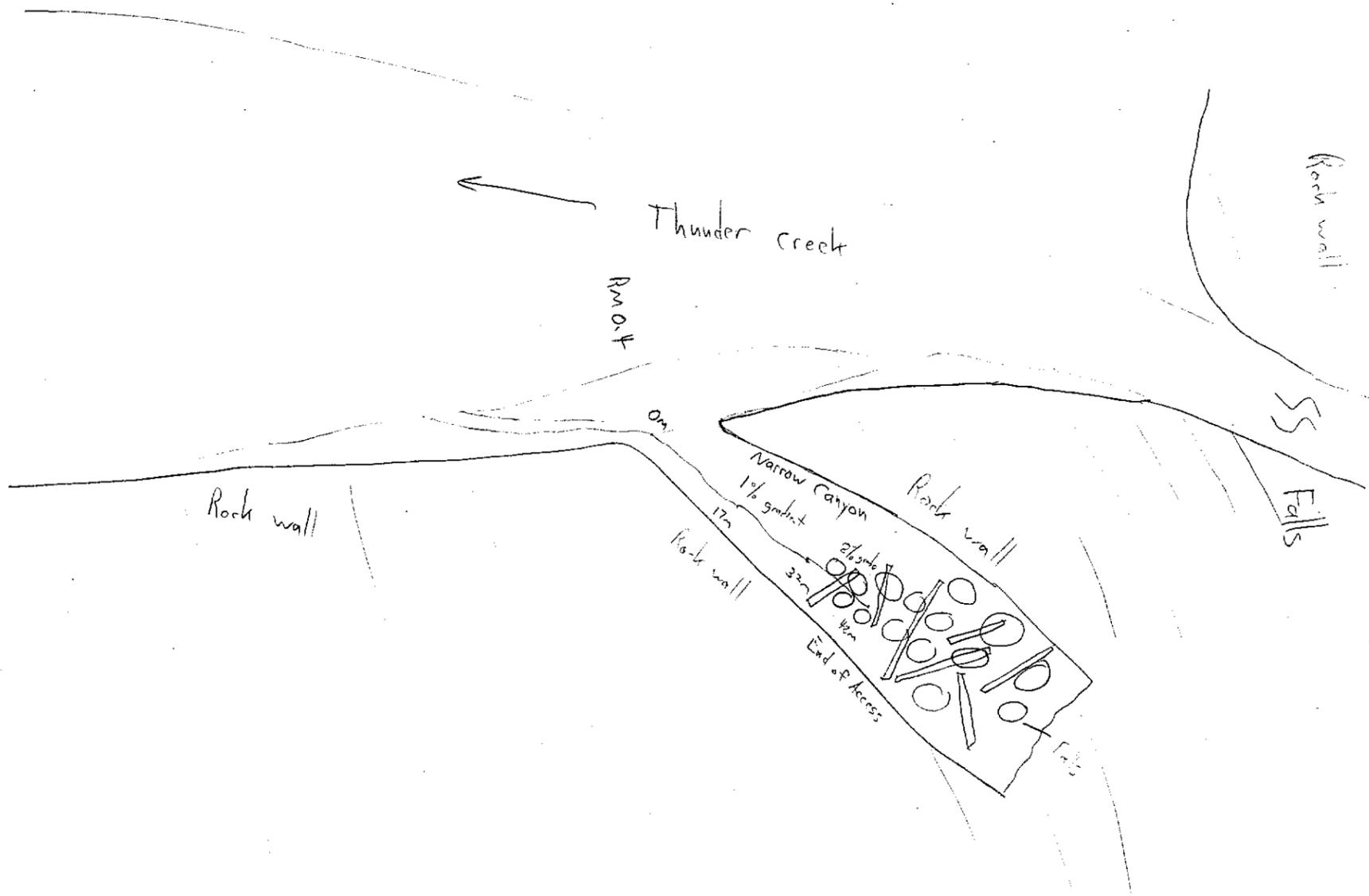
Equipment access:

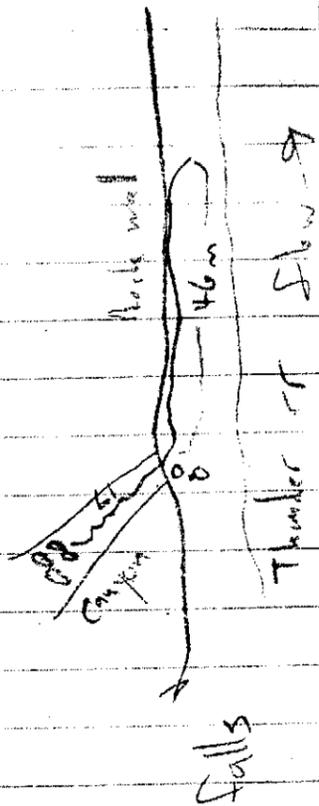
ADDITIONAL COMMENTS

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

Site id. code: BH/LBI
Site name:
Scale: 1" = 25m
Observer(s): B. Barkdull
Legal location: SW13, T36N, R2E





8/6/97 Lk. St. Lawrence, trib to 53°
 Thunder or just below falls

0.0 1.0 trout, very nice gravel

17. 1.0 1/2 nice gravel, 1 Roll

32 1.0 very dense 100, Brook

*at Cascade 1/2 1/2 gravel

42 1.0 many or may not be
 accessible past 32m huge
 boulders, logs stream underneath

Very dense juvenile fish
 below 32