

SITE INFORMATION

Site Identifier : SU4RB1 **Landowner Type :** Private
Site Name : Summer Cabin Springs **Landowner Name :**
WRIA : 03.0789A **Address :**
Region : NS **Address2 :**
Trib to : Suiattle R **City :**
River Mile : 11.70 **State :**
River System : Suiattle R **Zipcode :**
Legal Description : SW1/4S32T33NR10E **Phone :**
County : Skagit
Habitat Type : spring creek

Directions :

Take Foest Service road # 26 up the Suiattle to FS # 25 which crosses the river. Site is just above the bridge on the right bank.

Area Overview :

This is a short spring-fed system that because of the poor entrance does not get as much coho use as might be expected.

Field Survey Information

Date : 10/02/1991 **Observer :** Barkdull **Survey Type :** initial

HABITAT INFORMATION

Water Source: Spring Groundwater Surface runoff

Flow: Intermitent Year-round

Estimated Flows (cfs): Lower end: 2cfs
Upper end: 2cfs

Water Temperature(C): Lower end: 9
Upper end: 9

Receiving Water Temperature (C):

Other Observations:

Site Area Measurements: Indirect Direct Combination
 Widths: Channel: 1.0 Ponds: 4.0 Wetlands:
 Depths: Channel: 0.5 Ponds: Wetlands:
 Total length (includes ponds and wetlands):

Total existing habitat area (est. m2): 501

Spawning area:	Mainstem: 5	Tribs:	Total:
Impounded area:	Mainstem: 250	Tribs:	Total:
Other rearing area:	Mainstem: 251	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: None Poor Fair Good Exellent

Describe spawning habitat: Sand mainly, some limited spawning gravel in left arm.

Rearing habitat conditions: None Poor Fair Good Excellent

Describe pond and other rearing habitat: Blowdowns and heavy brush nearly obscure this site, but provide excellent cover.

Describe unaccessible habitat:

Wetland type: Bog Marsh Scrub-shrub Forested

Describe:

Flooding potential: Low Medium High

Describe: Site is on perched bench that only received slight flooding in 1990.

FISH INFORMATION

Site entry condition: Poor Fair Good

Describe: Steep grade in lower 50 feet over boulders hinders passage for juveniles.

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

Describe: Very few juveniles have been observed, and little spawning habitat exists

Other species access and use: Chum Pink Sockeye Res. Trout Anad trout

Describe: Trout use is possible but unknown.

ENHANCEMENT OPPORTUNITIES: This site has potential for a small pond with a short spawning pad above. The springs currently have a very limited amount of use by coho, probably due to the high gradient entrance channel and blockage to the right fork by a large debris pile. This site has an excellent water supply all year around. The entrance channel may require several sills to improve access. Gravel probe indicates gravel at 2-3ft throughout ponded area.

Project type: Pond and spawning channel

Equipment access: Good, access road to river front cabins would provide access.

ADDITIONAL COMMENTS

ATTACHMENTS AVAILABLE

Aerials Sketch Maps Spawning Surveys Juvenile Trapping
 Other References

scale 1" = 100'

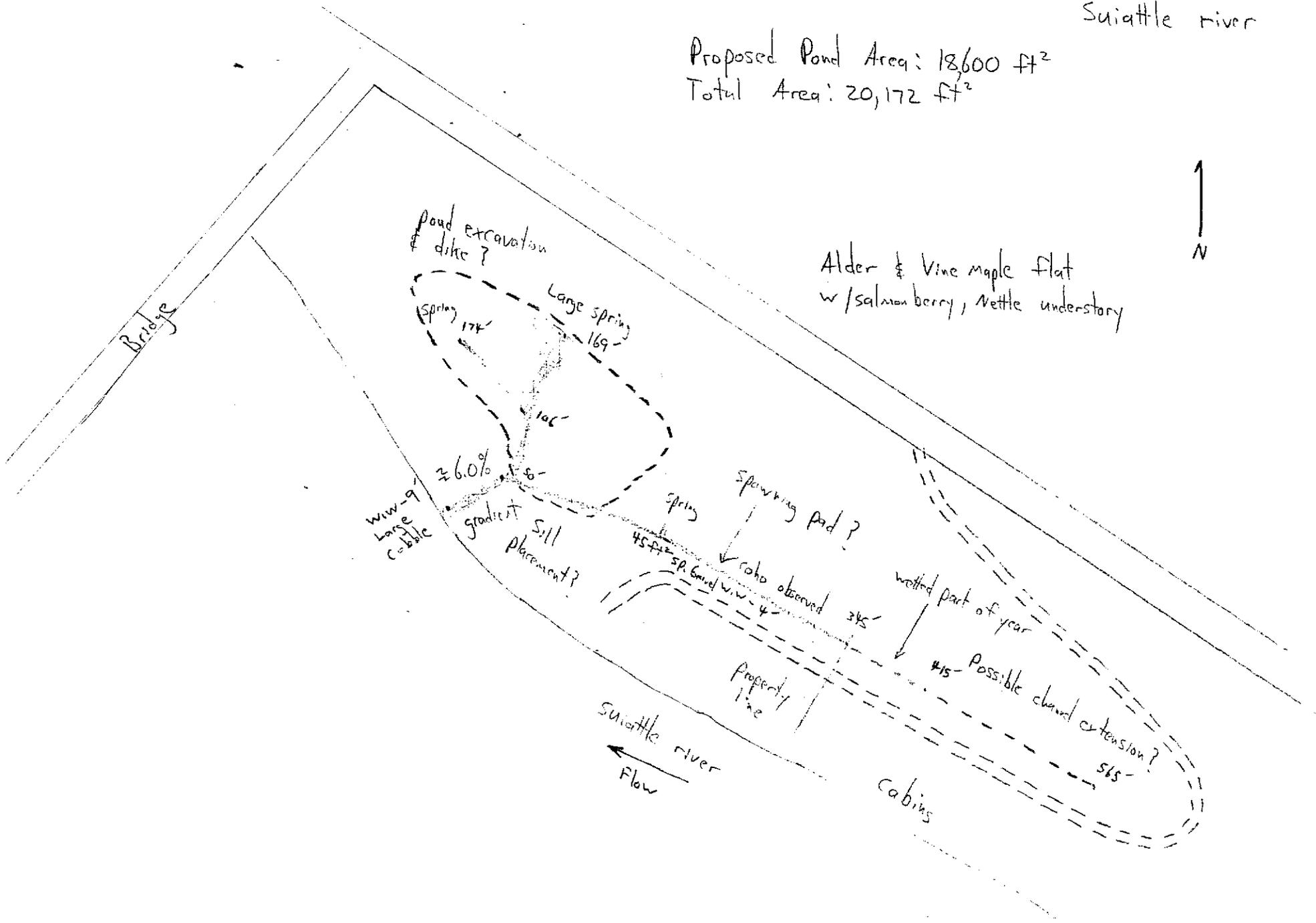
Summer Cabin Springs

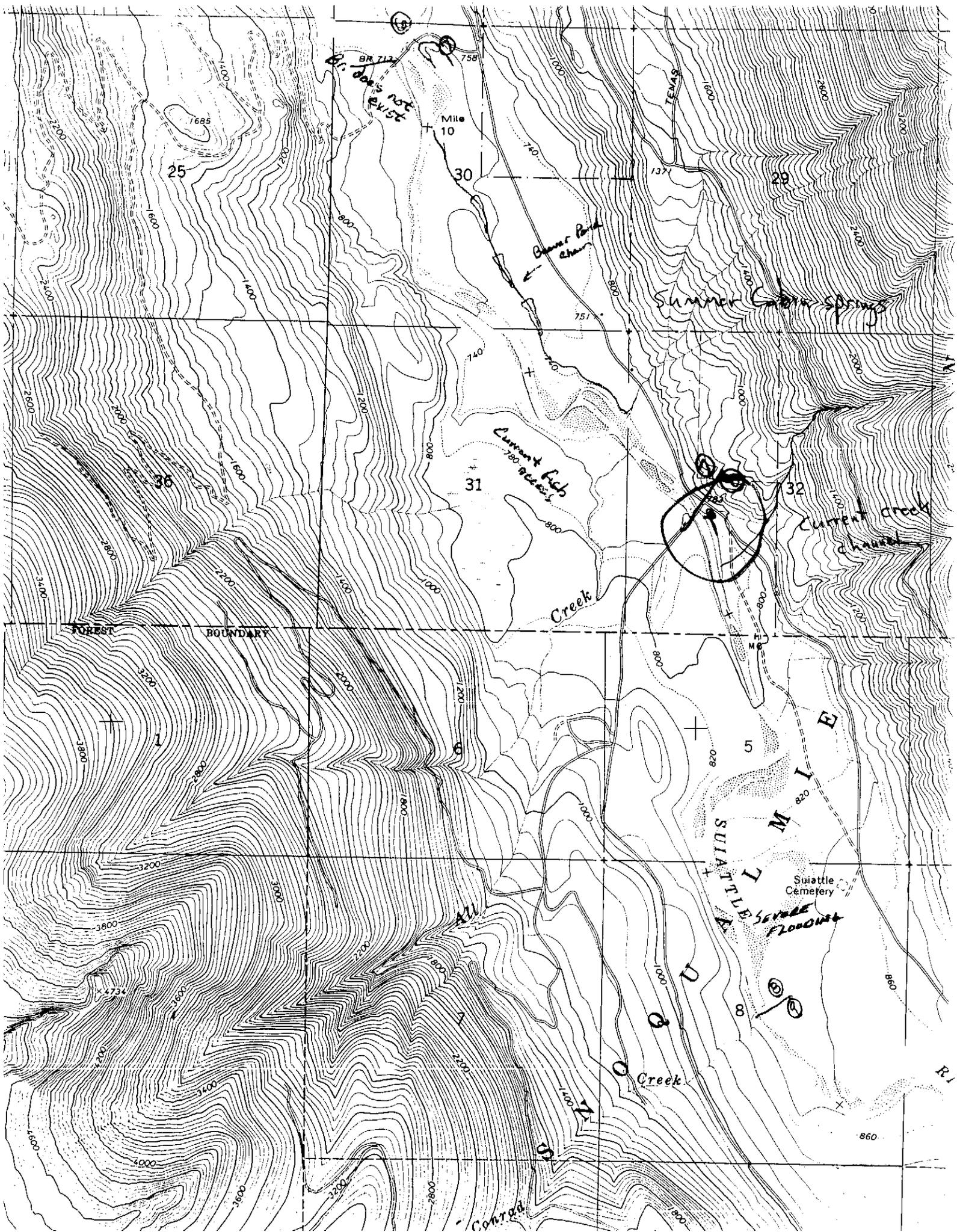
10-2-91

B. Barkdull

Suiattle river

Proposed Pond Area: 18,600 ft²
Total Area: 20,172 ft²





BR 71A
Bl. dots not exist

Mile 10
30

Summer Springs

Lower Road
channel

Current Creek
750 stream

Current Creek
channel

FOREST
BOUNDARY

SUIATLE
MILL
SEWER
FLOODING

Suiattle
Cemetery

Suiattle
Creek

Conrad

8

860

SITE IDENTIFIER:SU4RB1
LOCAL NAME:SUMMER CABIN SPRINGS

NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

RIVER: Suiattle SURVEY DATE:10-2-91 OBSERVER:B.Barkdull
WRIA: 03.0789A RIVER MILE/BANK LOCATION: RB 11.7
LEGAL LOCATION DESCRIPTION: 1/4 SECTION SW SEC.32 T.33N R.10N
CHANNEL TYPE: Springs (Perennial)

	RIVER	LOW END	UPPER END	O T H E R LOCATIONS
WATER TEMP:		48f 9		
FLOW (CFS):		2 cfs estimated		
WATER QUALITY:		Very good		

SUBSTRATE TYPE/SPAWNING GRAVEL ABUNDANCE & CONDITION:
Sand mainly, some limited spawning gravel in left arm.

COVER/LOD: Very good

SITE DIMENSIONS: LENGTH:See map
WIDTH-WETTED:
-CHANNEL:
DEPTH:

WATER SOURCE: Series of four springs, one quite large

FISH ACCESS/BLOCKAGES/CURRENT USE (BOTH ADULTS & JUV.):
Access for juveniles is limited, not much current use by adults or juveniles.

LANDOWNER: Several private owners.

CHANNEL ENTRANCE CONDITIONS:Entrance near log jam, bedrock area in river not subject to change. Steep entrance conditions are currently poor.

FACTORS LIMITING PRODUCTION: Tough access for juveniles and lack of spawning gravel for adults.

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PAGE 2

NORTH SOUND OFF CHANNEL SITE INVENTORY DATA

UP-OUTMIGRANT TRAPPING CAPABILITY/OPPORTUNITY/DIFFICULTIES:
No problems anticipated.

BEAVER ACTIVITY: None

HEAVY EQUIPMENT ACCESS: Good, access road to river front cabins
would provide access.

DIRECTIONS TO SITE:Up North Suiattle road to boundary bridge. Site
is just above the bridge on the right bank.

ENHANCEMENT OPPORTUNITIES AND COMMENT:

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above. The springs currently have a very limited amount of use by
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