

**SITE INFORMATION**

**Site Identifier :** HN1LB3 **Landowner Type :**  
**Site Name :** **Landowner Name :**  
**WRIA :** 03.0268X **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** Red Cr **City :**  
**River Mile :** 0.40 **State :**  
**River System :** Hansen Cr **Zipcode :**  
**Legal Description :** NE1/4S17T35NR5E **Phone :**  
**County :** Skagit  
**Habitat Type :** man-made impoundment

**Directions :**

Take Highway 20 thru Sedro-Woolley. Site is located one mile outside of Sedro-Woolley at the Helmick road intersection.

**Area Overview :**

The site is a ditch in what was once a large wetland area. This ditch drains a small part of what is left of that wetland beside Highway 20. Some limited coho rearing probably occurs on years when fish are able to negotiate the flapper gate at the outlet of Red creek and colonize the area.

**Field Survey Information**

**Date :** 2/18/98 **Observer :** Barkdull **Survey Type :** initial

**HABITAT INFORMATION**

**Water Source:**  Spring  Groundwater  Surface runoff

**Flow:**  Intermittent  Year-round

**Estimated Flows (cfs):** Lower end:0.1  
Upper end: 0

**Water Temperature(C):** Lower end: 6  
Upper end: 6

**Receiving Water Temperature (C):** 6

**Other Observations:**

**Site Area Measurements:**  Indirect  Direct  Combination

Widths: Channel: 1.0 Ponds:2.5 Wetlands:  
 Depths: Channel: 0.4 Ponds:0.5 Wetlands:  
 Total length (includes ponds and wetlands):258

**Total existing habitat area (est. m2): 444**

Spawning area:	Mainstem:0	Tribs:	Total:0
Impounded area:	Mainstem: 444	Tribs:	Total:444
Other rearing area:	Mainstem:	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions:  None  Poor  Fair  Good  Excellent

Describe spawning habitat:

Rearing habitat conditions:  None  Poor  Fair  Good  Excellent

Describe pond and other rearing habitat: The ditch is impounded by a series of small beaver dams in the lower half with also have a good overhead canopy. The upper half of the site is a roadside ditch dominated by canary grass.

Describe unaccessible habitat:

Wetland type:  Bog  Marsh  Scrub-shrub  Forested

Describe:

Flooding potential:  Low  Medium  High

Describe: this area that was once a large wetland is frequently inundated due to rainfall.

#### FISH INFORMATION

Site entry condition:  Poor  Fair  Good

Describe: Entry conditions are excellent to the site but the flapper gate on Red Creek limits access.

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

Describe: See comments

Other species access and use:  Chum  Pink  Sockeye  Chinook  Trout

Describe: Other species use is unknown.

#### ENHANCEMENT OPPORTUNITIES:

Project type: Flapper Gate removal

Equipment access: Excellent

ADDITIONAL COMMENTS: Site was electroshocked on 2/23/98 and no fish of any species were found. Red Creek was also shocked and no fish were found leading me to believe the flapper gate on Red Creek was a barrier to juvenile fish this fall. Adult coho were observed this winter upstream in Red Creek, but it is unknown if there was adult access in 1996. The flapper gate, installed to eliminate back flooding of lower Red Creek by Hansen Creek appears to be significantly reducing fish production in the Red Creek basin.

#### ATTACHMENTS AVAILABLE

Aerials  Sketch  Maps  Spawning Surveys  Juvenile Trapping  
 Other References

Site id. code: HN1LB3

Site name:

Scale: 1" = 50m

Observer(s): B. Barkdull

Legal location: NE1/4S17, T35N, R5E

Helmick rd

Hwy 20

Alder forest



Swampy

Swampy pasture



258m

252m

Ditch

142m

Alders

22m

Ditch

29m

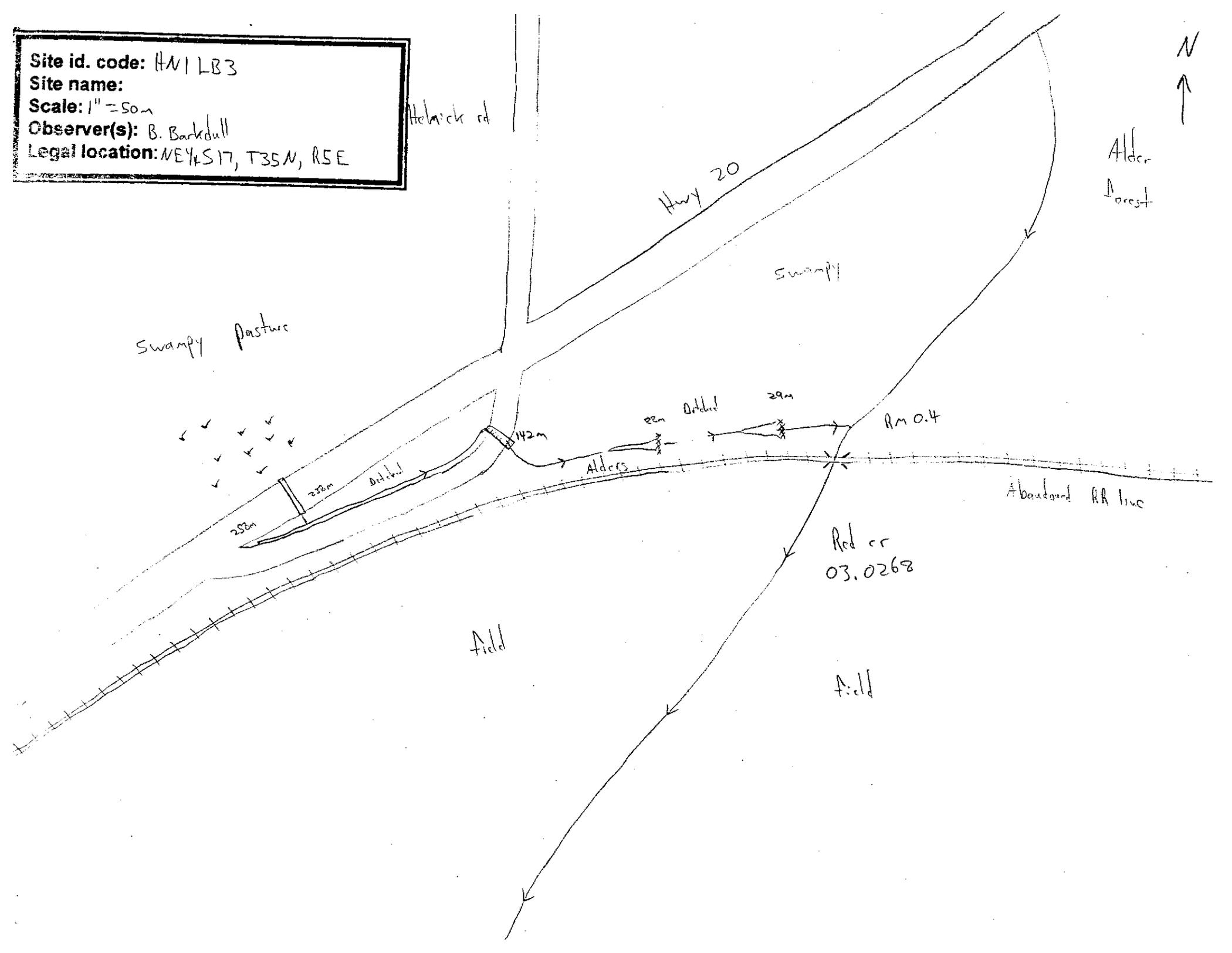
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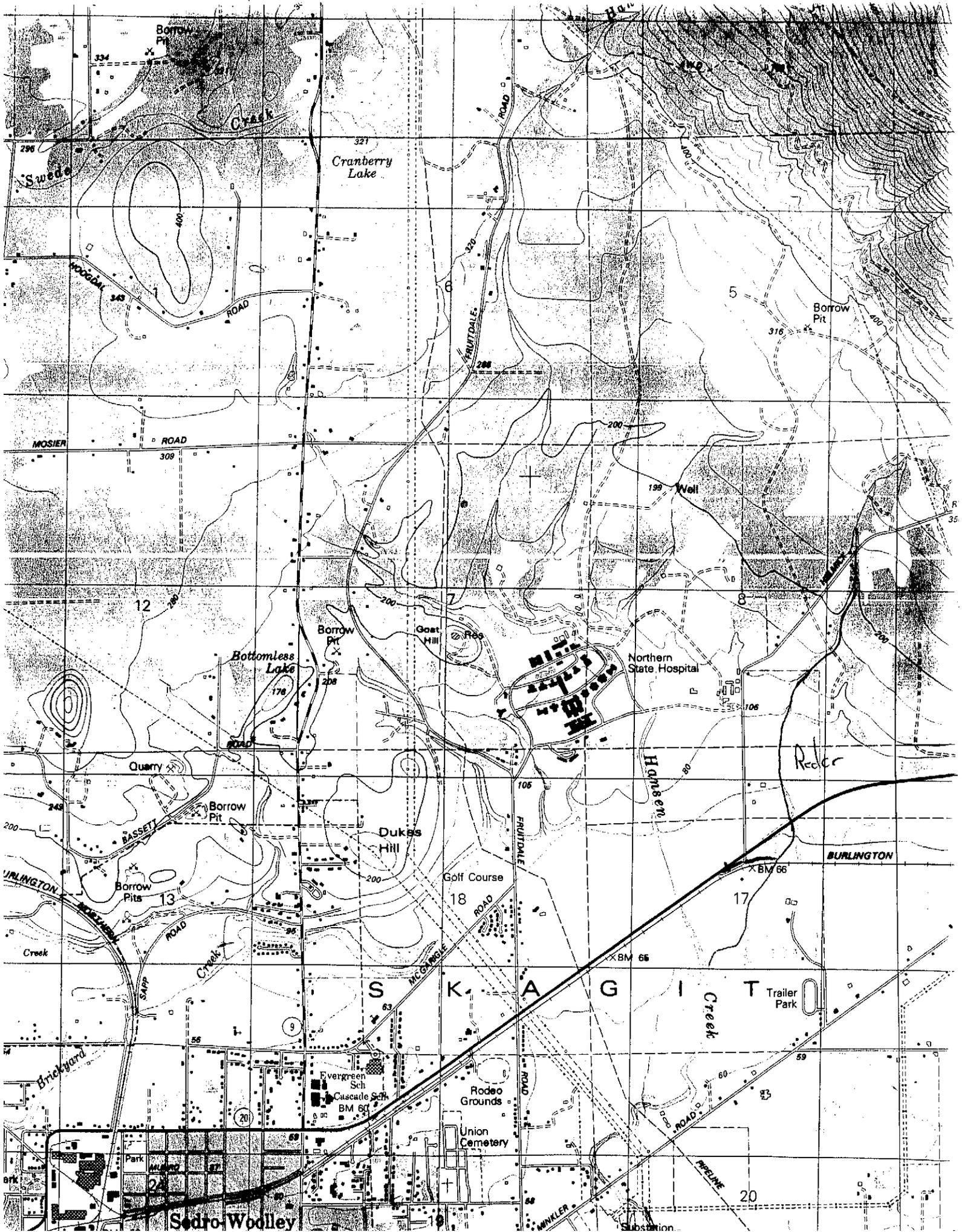
Abandoned RR line

Red cr  
03.0268

Field

Field





Sedro-Woolley

S K A G I T

BURLINGTON

Trailer Park

Union Cemetery

Rodeo Grounds

Evergreen Sch  
Cascade Sch  
BM 60

Substation

20

17

18

13

12

Borrow Pit

Well

Hansen

Recler

Northern State Hospital

Goat Hill

Borrow Pit

Bottomless Lake

Dukes Hill

Quarry

Borrow Pit

Borrow Pits

Borrow Pit

Cranberry Lake

Crack

Swedde

MOSIER

Burlington Creek

Sage Creek

Creek

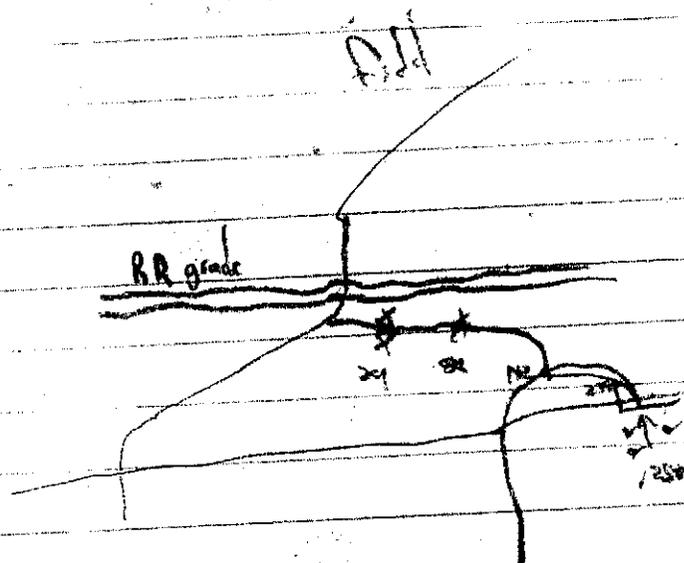
Brickyard

Park

WINKLER

PIPELINE

FRUITDALE ROAD



2/10/98 trip to Red cr Catch

0.0	2.5 wide	no obvious flow
209	2.5 wide	Beaver dam
88	2.5	Beaver Dam 1 gal/min flow
142	2	Red culvert
238		trib under Hwy
258		End of ditch

trib under Highway drains  
Swampy pasture next to  
Hanson cr

H/V1 LB3

Rm 0.4

1/E17, T35, R5E