Fish Passage Evaluation Data Sheet

Stream: Duncan Cr Fence Headcut

Road # n/a Passage ID: _____

Coordinates: Lat 44° 17.479 Long 119° 26.484

Date: 6/14/17 Crew: Neal

General

Type: Culvert | Irrigation | Other Dam | Natural Headcut

Rating: RED | GREY | GREEN

Fish bearing: No | below only | above | potentially Impassable| adults only| juveniles| meets criteria

Jump height to Pool: 3.36 ft,

Depth of jump Pool: 0.55 ft Length of Jump Pool: 3.9 ft

Depth of downstream controlling riffle: 0.25 ft

Debris blocking jump pool: Yes / No

Water Velocity: Above: 10ft / 7.48 seconds = 1.3 fps

Below: 10ft / 6.12 seconds = 1.6 fps

Stream Substrate size: 38 mm

Potential for debris blockage: Yes | No

Stream Slope: Above: rise: 1.28 ft/ run: 49 ft = 2.6%

Below: rise: 0.75 ft/ run: 35 ft = 2.1 %

Culvert statistics N/A

Shape: Circular | Smashed | Damaged

Material: CMP | Other

Condition: Bent inlet | Debris plugging inlet | Bottom worn through| Water under culvert |

Fill eroding | Rust present

Other

Structural Condition: Good | Fair | Poor | Critical

Length: ft, Width: ft, Height: ft

Culvert Slope: rise: ft / run: ft = %

Substrate inside of Culvert: Yes/No

Inlet

Blockage: None | <10% | >10%

Outfall

Drop to Pool: ft [perch height]

Depth of Pool: ft Length of Jump Pool: ft

Depth of downstream controlling riffle: ft

Bankfull Width/Active Channel Width

Bankfull Width at Headcut: 3.0 ft

Two bankfull width measurements above and three below culvert

7.6ft + 7.2ft +8.2 ft + 6.6ft + 6.1ft / 5 = 7.1 ft

Road Width: N/A

Surface: Dirt | Gravel | Pavement |

Road Surface Height Above Inlet: ft

Road Skewed from Culvert: degrees

Wildlife

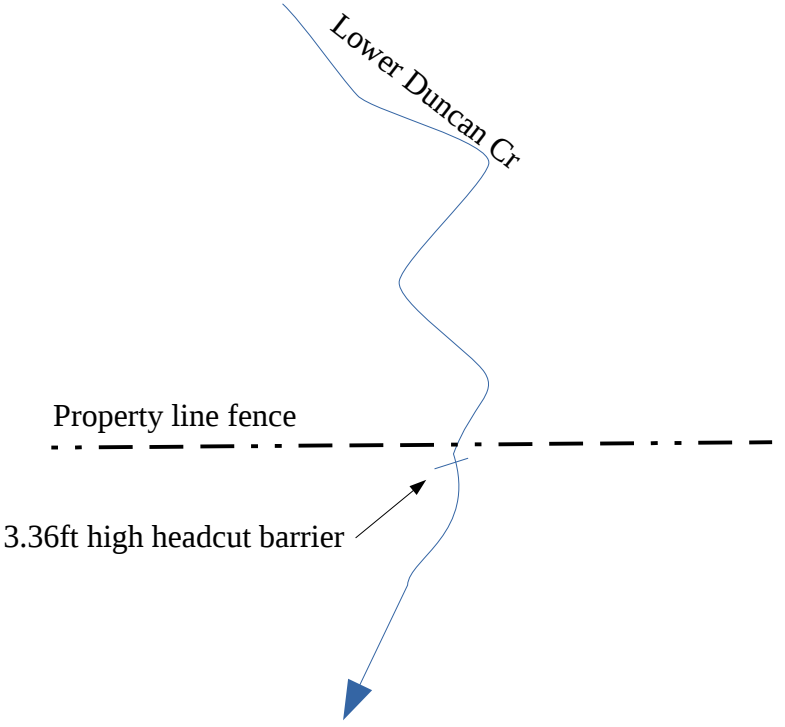
Beaver Presence: Yes | No

Beaver Created Obstruction: Yes | No

Additional Miles Accessed: 1.02 mi

Sketch

North



Headcut occurs right below boundary fence

View from stream bed level