

Appendix D

Rogue Basin Beaver Intrinsic Potential Mapping Project SITE ASSESSMENT DATA SHEET

OVERVIEW DATA *Choose a survey reach of $\geq 4000'$ (0.75 miles) in BIP designated high or medium habitat. Include any adjacent waterbodies like wetlands, ponds and ditches in your survey. Choose a site name for this survey reach. Record coordinates in NAD_83 decimal degrees to minimum of four places. **GPS, camera, field tape (metric) DBH tape (metric), and waders (optional).***

Focal Area: _____ Site Name: _____

Date: _____ Observer(s): _____

Waterbody: Creek or River <small>(circle one)</small>	Waterbody: Lake, Pond, or Wetland <small>(circle one)</small>
Survey Direction: Upstream or Downstream <small>(circle one)</small>	Survey Direction: Clockwise or Counterclockwise <small>(circle one)</small>

BEAVER SIGN & HUMAN INFRASTRUCTURE: Record presence (y/n) or counts* (# of) in the table below. **Mark w/a GPS point and photograph.** Name as shown in corresponding box below (i.e. 1st observed beaver mark as B Bvr 1 (not case sensitive))

Observed Individuals* "A BVR [# in series]"	Fresh Chewing/Cuttings "A CUT [# in series]"	Active Dam* "A DAM [# in series]"	Active Den* "A DEN [# in series]"	Active Lodge* "A LDG [# in series]"	Culvert "H CVT [# in series]"
Scent Mound/Scat "A SCT [# in series]"	Old Chewing/Cuttings "I CUT [# in series]"	Inactive Dam* "I DAM [# in series]"	Inactive Den* "I DEN [# in series]"	Inactive Lodge* "I LDG [# in series]"	Human Dam "H DAM [# in series]"
Active Trail/Slide (w/tracks) "A SLD [# in series]"	Old Trail/Slide (no tracks) "I SLD [# in series]"	Forage Cache* "A CCH [# in series]"	Other beaver sign "OTH [# in series]"		Structure "H STR [# in series]"

INSTREAM CONDITION: As you survey this reach, keep a running tally of pools and large woody debris within the OHW

Small Pool Tally: $\geq 0.5m$ deep and $\geq 1m$ wide	Large Pool Tally: $\geq 1m$ deep and $\geq 3m$ wide	LWD Piece Tally: $\geq 12''$ wide and $\geq 3'$ long	LWD Jam Tally: ≥ 2 pieces touching
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RIPARIAN VEGETATION: Starting at the beginning of your survey reach, record the general information on the habitat value of the riparian vegetation roughly every 1000' (0.25 miles). Point 4 will be the end of your survey reach.

POINT #1 **Remember to take a GPS waypoint and overview photos.** % Trees: _____

Longitude: _____ ACTIVE Width (m) _____ % Shrubs: _____

Latitude: _____ CHANNEL Height (m) _____ % Herbaceous Sp: _____

Substrate: Fines: % Gravel: % Cobble: % Boulder: % Bedrock: %

Tree Species Prev: Cedar __, Fir __, Pine __, Ash __, Alder __, Cottonwood __, Madrone __, Maple __, Oak __,
(ex. Alder 1, Cottonwood 2, etc.) Other: _____

Shrub Species Prev: Cascara __, Chockcherry __, Elderberry __, Hawthorn __, Hazelnut __, Indian Plum __, Mockorange __,
(ex. Willow 1, Spirea 2, etc.) Ninebark __, Oceanspray __, Red Osier Dogwood __, Service Berry __, Snowberry __, Spirea __,
Vine Maple __, Willow __, Blackberry __, Other: _____

POINT #2 **Remember to take a GPS waypoint and overview photos.** % Trees: _____

Longitude: _____ ACTIVE Width (m) _____ % Shrubs: _____

Latitude: _____ CHANNEL Height (m) _____ % Herbaceous Sp: _____

Substrate: Fines: % Gravel: % Cobble: % Boulder: % Bedrock: %

Tree Species Prev: Cedar __, Fir __, Pine __, Ash __, Alder __, Cottonwood __, Madrone __, Maple __, Oak __,
(ex. Alder 1, Cottonwood 2, etc.) Other: _____

Shrub Species Prev: Cascara __, Chockcherry __, Elderberry __, Hawthorn __, Hazelnut __, Indian Plum __, Mockorange __,
(ex. Willow 1, Spirea 2, etc.) Ninebark __, Oceanspray __, Red Osier Dogwood __, Service Berry __, Snowberry __, Spirea __,
Vine Maple __, Willow __, Blackberry __, Other: _____

POINT #3 **Remember to take a GPS waypoint and overview photos.** % Trees: _____

Longitude: _____ ACTIVE Width (m) _____ % Shrubs: _____

Latitude: _____ CHANNEL Height (m) _____ % Herbaceous Sp: _____

Substrate: Fines: % Gravel: % Cobble: % Boulder: % Bedrock: %

Tree Species Prev: Cedar __, Fir __, Pine __, Ash __, Alder __, Cottonwood __, Madrone __, Maple __, Oak __,
(ex. Alder 1, Cottonwood 2, etc.) Other: _____

Shrub Species Prev: Cascara __, Chockcherry __, Elderberry __, Hawthorn __, Hazelnut __, Indian Plum __, Mockorange __,
(ex. Willow 1, Spirea 2, etc.) Ninebark __, Oceanspray __, Red Osier Dogwood __, Service Berry __, Snowberry __, Spirea __,
Vine Maple __, Willow __, Blackberry __, Other: _____

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POINT #4	Remember to take a GPS waypoint and overview photos.						% Trees: _____
Longitude: _____	ACTIVE	Width (m) _____					% Shrubs: _____
Latitude: _____	CHANNEL	Height (m) _____					% Herbaceous Sp: _____
Substrate:	Fines: _____ %	Gravel: _____ %	Cobble: _____ %	Boulder: _____ %	Bedrock: _____ %		
Tree Species Prev: <small>(ex. Alder 1, Cottonwood 2, etc.)</small>	Cedar ____, Fir ____, Pine ____, Ash ____, Alder ____, Cottonwood ____, Madrone ____, Maple ____, Oak ____, Other: _____						
Shrub Species Prev: <small>(ex. Willow 1, Spirea 2, etc.)</small>	Cascara ____, Chockcherry ____, Elderberry ____, Hawthorn ____, Hazelnut ____, Indian Plum ____, Mockorange ____, Ninebark ____, Oceanspray ____, Red Osier Dogwood ____, Service Berry ____, Snowberry ____, Spirea ____, Vine Maple ____, Willow ____, Blackberry ____, Other: _____						

FOCAL POINT: See guidance sheet for directions on choosing a focal point. The focal point should have a pool $\geq 1m$ deep in conjunction with this riparian vegetation, and cover such as LWD or under-cut tree roots. Set up a 30m by 10m plot, with the long side adjacent to the streambank and the short side extending into the riparian forest.

FOCAL POINT					
Longitude: _____	ACTIVE	Width (m) _____	Remember to take a GPS waypoint and overview photos.		
Latitude: _____	CHANNEL	Height (m) _____			
Substrate:	Fines: _____ %	Gravel: _____ %	Cobble: _____ %	Boulder: _____ %	Bedrock: _____ %
	RIVER RIGHT BANK		RIVER LEFT BANK		
# Conifers / Avg. DBH (cm)					
# Hardwood Trees / Avg. DBH (cm)					
# Shrubs / Avg. DBH (cm)					

RR	% Trees: _____	% Shrubs: _____	% Herbaceous Sp: _____		
	Tree Species Prev: <small>(ex. Alder 1, Cottonwood 2, etc.)</small>	Cedar ____, Fir ____, Pine ____, Ash ____, Alder ____, Cottonwood ____, Madrone ____, Maple ____, Oak ____, Other: _____			
	Shrub Species Prev: <small>(ex. Willow 1, Spirea 2, etc.)</small>	Cascara ____, Chockcherry ____, Elderberry ____, Hawthorn ____, Hazelnut ____, Indian Plum ____, Mockorange ____, Ninebark ____, Oceanspray ____, Red Osier Dogwood ____, Service Berry ____, Snowberry ____, Spirea ____, Vine Maple ____, Willow ____, Other: _____			
RL	% Trees: _____	% Shrubs: _____	% Herbaceous Sp: _____		
	Tree Species Prev: <small>(ex. Alder 1, Cottonwood 2, etc.)</small>	Cedar ____, Fir ____, Pine ____, Ash ____, Alder ____, Cottonwood ____, Madrone ____, Maple ____, Oak ____, Other: _____			
	Shrub Species Prev: <small>(ex. Willow 1, Spirea 2, etc.)</small>	Cascara ____, Chockcherry ____, Elderberry ____, Hawthorn ____, Hazelnut ____, Indian Plum ____, Mockorange ____, Ninebark ____, Oceanspray ____, Red Osier Dogwood ____, Service Berry ____, Snowberry ____, Spirea ____, Vine Maple ____, Willow ____, Other: _____			

GENERAL NOTES: on habitat and survey reach here. Please include notes on general riparian and instream health, invasive species present, stream flow, land-use, past wildfires and presence of livestock.

WHEN YOU ARE DONE:	
Scan or photograph this datasheet and upload as a PDF file.	Upload your waypoints as KMZ files.
Upload your photos as JPG files and label with same filename as the corresponding waypoints	Share folder with BIP Project Coordinator, Jakob Shockey (jakob@apwc.info, 541-890-9989)