

Dam Properties	Brownsville Dam near Brownsville, Oregon	Chiloquin Dam near Chiloquin, Oregon	Savage Rapids Dam near Grants Pass, Oregon
Sediment Storage and Release			
Reservoir/sediment extent upstream from dam	76-396 meters	1100 meters	914-4025 meters
Sediment volume estimate/annual transport capacity	2 years of sand and gravel (18,300 yd ³)	20 to 30 % of annual sand transport capacity (49,000-61,000 tons)	1-to-2 year supply of sand and gravel (200,000 yd ³)
Sediment quality: Relative concentration of contaminants or metals	Less than background levels	Less than background levels	Less than background levels
Relative grain size	59±1.5mm, DS: 26±4mm in riffles; 15±3mm in bars	RES: 0.2-0.5 mm DS (Lower Williamson): 0.2-2.6 mm	0.51-6.2 mm
Hydraulic height	1.4 m	3.4 m	9.1-12.5 m
Downstream Geomorphology			
Extent of response reach	350 m	1.4 km	10.1 km
Confinement (Y/N)	Y	N	Y
Bar locations	128 m	285 m, 310 m, 330 m, 345 m, 360 m, 485 m, 495 m, 540 m, 1.10 km, 1.13 km, 1.14 km, 1.16 km, 1.19 km	2.8 km, 3.1 km, 3.3 km, 3.6 km, 3.9 km, 7.1 km, 8.2 km, 8.3 km
Bar areas	97 m ²	33 m ² , 21 m ² , 49 m ² , 84 m ² , 21 m ² , 40 m ² , 68 m ² , 559 m ² , 85 m ² , 32 m ² , 15 m ² , 40 m ² , 336 m ²	14,000 m ² , 1,000 m ² , 7,000 m ² , 1,600 m ² , 1,100 m ² , 5,200 m ² , 6,500 m ² , 28,000 m ²
Pool locations	none	30 m, 625 m, 800 m	500 m, 2.3 km, 2.9 km, 3.8 km, 4.7 km, 6.4 km
Residual pool depths	none	1.9 m, 1.3 m, 5 m	8: 3-6 m, 10: <6 m

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Sensitivity of Downstream Habitat and Ecology			
Number of channel units	2 glides, 1 riffle	2 riffles, 3 pools, 2 glides	19 glides, 15 riffles, 6 pools, 8 rapids
Critical Habitat Units	None	None	None
Habitat quality	unknown	unknown	unknown
Water quality	Limited/303d list for DO, Fecal Coliform, Temperature, E Coli, Iron, Manganese	Temperature, Fecal coliform - summer	DO, pH, Temperature
Benthic Macroinvertebrate Communities Richness Diversity Composition Rare or Keystone taxa	unknown	unknown	unknown