



Effectiveness Monitoring Program At-A-Glance

Small Dam Removal

Results from the latest effectiveness monitoring indicate:

Condition Trend Info Quality

Changes in stream channel form were found immediately downstream from the dams one year after removal. Farther downstream however, no changes were observed



Higher stream flow moves sediment quickly, while persistently high flows are necessary move more sediment further downstream.



Marmot Dam on the Sandy River



Viewing the removal of Brownsville Dam

A few lessons from this effectiveness monitoring are:

Large rainfall events are needed to redistribute the sediment stored upstream of the dams.

Additional effectiveness monitoring may be needed after large rainfall events to determine the full suite of stream changes resulting from small dam removal.

How will OWEB use this information:

OWEB plans to continue monitoring the removal of small dams and will incorporate results into describing outcomes for healthy watersheds.

OWEB has produced a guide for project managers to follow while managing small dam removal effects.

INDICATOR LEGEND

CONDITION:			
PROGRESS TOWARDS DESIRED STATUS:	GOOD	MIXED/FAIR	POOR
TREND:			
CURRENT STATUS COMPARED TO PREVIOUS STATUS:	IMPROVING	UNCERTAIN/NO CHANGE	DECLINING
INFORMATION:			
DATA COVERAGE, QUALITY, RELIABILITY:	ADEQUATE	MIXED QUALITY	CONDITION
Indicator symbology is adapted from the Oregon Department of Forestry's, Oregon Indicators of Sustainable Forests.			