

Nats-wind	Mt Shasta-static	(Nats) Mt. Shasta seems to sleep on a sunny spring day.
Nats-spring water	Sac headwaters spring-montage	(Nats) But at its base, the mountain is very much awake. On its south side, bubbling springs feed the headwaters of the Sacramento River.
Nats-wind	Pullout from mountain to include river	(Nats) To the north, more springs feed the mountain's namesake...the Shasta River.
Nats-cattle	Cattle-open space Shasta Canyon Klamath River	(Nats) The Shasta winds through Siskiyou County's wide open ranch lands, and finally through a steep canyon to rendezvous with the Klamath River, 40-miles to the north.
Nats-Klamath		(Nats)
	Shasta river and mountains	But the Shasta is a sick river.
SOTS	Series of different people describing the problems.	(SOT“Cattle in the river...sediments and temperatures...loss of habitat, etc.”)
	Eroded bank Irrigation runoff	Sediment from erosion, nitrates from fertilizer and cattle, and too-warm irrigation water have pushed oxygen out of the river and made it dangerously warm. Shasta's once legendary salmon population has been choked to near extinction. In early 2009 only about 30 juvenile salmon, or smolts, were counted.
NATS		(NATS)
	Website-Shasta TMDL River b-roll	The North Coast Regional Water Board has issued an order to help cure what ails

	Graphic	<p>this river.</p> <p>It's called a TMDL, which stands for Total Maximum Daily Load.</p> <p>Basically, it tells river users how much use the Shasta can stand.</p>
SOT-water bd expert		(SOT-what kind of tool it is)
		<p>A TMDL is more than a chemical equation.</p> <p>It's an important part of restoring this river.</p> <p>The Shasta River TMDL sets the environmental limits on what people and livestock may discharge into the river.</p> <p>There can't be too much dirt, warm water or chemicals, like nitrate.</p>
Nats-Big Springs Creek		(Nats)
		<p>A TMDL allows river users to determine how best to reach its goals.</p> <p>But the State and Regional Water Board help achieve those goals with technical support and money.</p>
SOT-water bd expert		(SOT-leave it to locals to guide process)
Nats-water		(Nats)
		Shasta-Big Springs Ranch is a key part of the Shasta River restoration.
Nats-water		(Nats)
		<p>The Nature Conservancy now owns this 4500 acre property.</p> <p>Three miles of the Shasta River runs across the ranch and meets up with more than two-miles of Big Springs Creek sheltered here.</p>
SOT Amy Hoss/Nature		(SOT-how cooling the river

Conservancy		is a big piece)
		The Regional Water Board's TMDL is a key tool for the Nature Conservancy. It is an important guide for the Ranch Plan the organization is using to bring back this stretch of the river.
SOT-Amy Hoss		(SOT-ranch plan function)
		In less than a year, the Conservancy has seen a tremendous change.
SOT-Dave Webb/RCD		(SOT-describes huge increase in smolts)
Video&Graphics		The Nature Conservancy has fenced off Big Springs Creek and the river from cattle. It has put in aquatic plants to stabilize the banks and narrow the channels. And is planting shrubs and trees to provide cool habitat for fish. They've also virtually eliminated warm irrigation runoff, called tailwater. Much of the effort has focused on simply leaving parts of the ranch alone.
SOT-Carson Jeffres		(SOT-realized the eco-system was healing itself in many places)
		The Conservancy has also begun an extensive monitoring effort to track water conditions in different parts of the watershed.
Nats	Underwater video	(Nats-water)
		The results of their efforts, so far: more than 10-thousand salmon fry hatched in a single season.
Dave Webb		(SOT-Nat. Conservancy is the key to our future...and

		we'll all be proud of what we accomplish together)