

PROTECT ROSEBUD CREEKS

HYDRO PROJECTS THREATEN SMALL STREAMS



Stillwater Protective Association's campaign to prevent the building of hydro projects on East and West Rosebud Creeks in south-central Montana.

Fishing on the West Rosebud

THE PROJECTS WOULD INCLUDE:

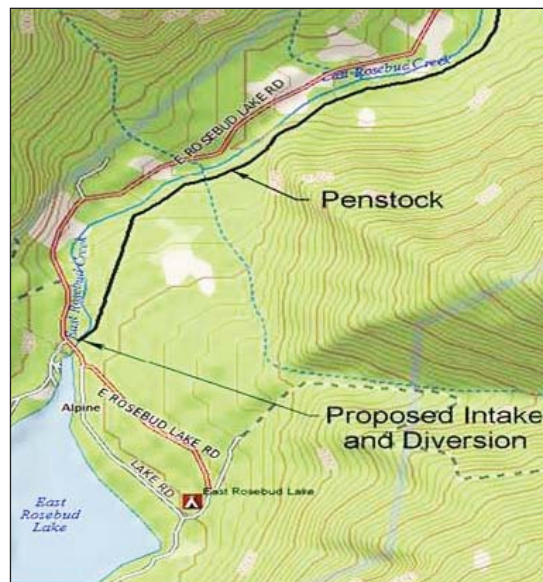
West Rosebud Creek



- A new 8-foot-high, 100-foot-long diversion dam;
- A new 7-foot-wide, 30-foot-long intake extending from the left side of the dam;
- A new 42-inch-diameter, 2.3-mile-long steel penstock to transport diverted water;
- A new powerhouse containing one generating unit with an installed capacity of 3 megawatts;
- A new tailrace discharging flows into West Rosebud Creek;
- A new substation;
- A new 50-kilovolt, 300-foot transmission line;
- Other related facilities.

East Rosebud Creek

- A new 8-foot-high, 100-foot-long diversion dam;
- A new 7-foot-wide, 30-foot-long intake extending from the right side of the dam;
- A new 42-inch-diameter, 2.2-mile-long steel penstock to transport diverted water;
- A new powerhouse containing one generating unit with an installed capacity of 6 megawatts;
- A new tailrace discharging flows into East Rosebud Creek;
- A new substation;
- A new 50-kilovolt, 3.6-mile transmission line;
- Other related facilities.



FIRST PERMITS APPROVED

On June 24, 2010, the Federal Energy Regulatory Commission issued preliminary permits to Hydrodynamics Inc., to conduct feasibility studies for hydroelectric projects on East and West Rosebud Creeks.

WHAT'S AT STAKE?

Dewatering or Reduced Stream Flow: Both of the small East and West Rosebud Creeks flow less than the proposed diversions of 150 to 200 cubic feet per second respectively several months of the year. These diversions could seriously reduce stream flow or dewater (if the plants were to operate year round) the stream for the length of the pipelines.

Harm Fisheries: East and West Rosebud Creeks are healthy streams with popular game fish such as the Brown Trout, Rainbow Trout and Yellowstone Cutthroat Trout, Brook Trout, and other fish. Trout at every level of their

These hydro projects would create a lot of destruction for a small amount of electrical generation

development are highly sensitive to changes in streams and would likely not fare well with such significant water diversions.

Turbines and gates could prevent fish migration and kill fish directly. The fish generally depend on cooler water temperatures for food, growth, and reproduction.

Diverting water from the East and West Rosebud would lower water levels during warmer summer months, increasing water temperatures and constraining fish behavior.

Unightly: The projects' dams, intakes, buried penstocks, powerhouses, substations, and transmission lines will destroy the aesthetics and natural settings of the creeks.

Pollution and Noise: Blasting and construction to bury one or both 2-mile penstocks could pollute the streams with nitrates from explosives and will disrupt wildlife and the quiet setting of the areas. Generating facilities will likely

Join today!

Stillwater Protective Association and Northern Plains are conservation and family agriculture groups that organize Montanans to protect our water quality, family farms and ranches, and our unique quality of life.

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East Rosebud Creek as it leaves the mountains.

create a constant hum and noise heard from long distances and disrupt the feeling of serenity while hiking or fishing.

Noxious weeds: Noxious weeds could aggressively move into the area from machinery/vehicles carrying seeds to newly disturbed ground.

Property values: The sight and sound of an electrical generating facility will likely negatively impact the quiet enjoyment of your property, which could translate into diminished property values. What we have in these valleys is highly coveted and has aesthetic as well as monetary value.

WHAT YOU CAN DO!

Join Stillwater Protective Association and make your voice heard. SPA will alert and inform you about public comment periods and other opportunities to get involved. As a member, you can help develop and carry out a unified strategy to protect these valleys. Your dues will help pay for the costs associated with putting pressure on decision makers to ensure East and West Rosebud Creeks are not harmed.



\$50 General Membership \$_____ additional donation
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