



**Emergency Oligarchy Ditch River
Diversion Structure Repair**
Rough & Ready Irrigating Ditch Company
Project Closeout December 1, 2016



Project Description

During the unprecedented flood of September 2013 in the tributaries to the South Platte River, a significant number of diversion structures and dams along the river corridor were damaged including the Rough and Ready Irrigating Company's river diversion on the St. Vrain Creek. This structure also serves as the diversion dam for the Palmerton Ditch. The diversion dam and sand gates were completely lost to the flood and the headgates sustained major damage. The purpose of this Project was to completely reconstruct the diversion dam, sand gates, headgates, ditches, and measuring flumes. The structure was completely reconstructed to the same size and location but included a combined conveyance ditch off the diversion and the addition of a bypass to the river to better regulate diversions. Additionally, a fish ladder was incorporated into the new diversion dam

P R O J E C T D A T A		
<i>Sponsor:</i> Rough & Ready Irrigating Ditch Company	<i>County:</i> Boulder	<i>Water Source:</i> St. Vrain Creek
<i>Type of Project:</i> Ditch Rehabilitation		<i>Board Approval Date:</i> September 2015
<i>Loan Terms: (Original)</i> \$1,843,250 @ 2.70% for 30 years <i>(Disbursed)</i> \$1,210,116.19		
<i>Design Engineer:</i> Deere and Ault Consultants, Inc.		
<i>Contractor:</i> Lawrence Construction Company, Inc. -		
<i>Project Elements:</i> Diversion dam with fish ladder, headgates, conveyance ditch, river turnout structure.		