BEAVER RIVER INVENTORY

INVENTORY OF WATER MEASURING DEVICES AND DIVERSION STRUCTURES NEEDED
TO BE INSTALLED ON DIVERSIONS FROM THE BEAVER RIVER AND ITS TRIBUTARIES FOR MORE EFFECTIVE WATER DISTRIBUTION AND WATER RIGHT REGULATION

Prepared by: April 1962
DISTRIBUTION DIVISION
STATE ENGINEER OF UTAH
and Cloyce Leland Strong
BEAVER RIVER COMMISSIONER

WATER USER NAME AND ADDRESS	DITCH OR CANAL	PRESENT DIVERSION STRUCTURE	PRESENT MEASURING DEVICE	DIVERSION FACILITIES RECOMMENDED	MEASURING FACILITIES RECOMMENDED	REMARKS
Decree No. 11 BEAVER CITY % Martell Easton, Mayor Beaver City Corporation Beaver, Utah	Beaver City water irrigation system.	42 steel screw type headgates.	25 12 inch rect. weirs	present adequate	17 additional parshall flumes needed.	
Decree No. 13 Delvin Smith, Beaver, Utah	Smith Ditch	Old wooden headgate that cannot be locked.	none	Steel screw type headgate	6-inch parshall flume	Previous notice.
Decree No. 14 ALLRED DITCH Blake Smith, Delvin Smith Beaver, Utah	Allred Ditch	Steel screw type headgate	Old wooden rect. weir.	Present adequate.	6-inch parshall flume	
Decree No. 15 BENSON DITCH Blake Smith, Delvin Smith Jess Cartwright, Richard Bean Beaver, Utah	Benson Ditch	Steel screw type headgate	Old wooden rect. weir.	Gate needs repairing to seal tightly.	9-inch parshall flume	
Decree No. 16 SHEPHERD DITCH A. J. Low, Earl T. Smith, Ira Baldwin, Joe Briggs, Gilbert Gale Beaver, Utah	Shepherd ditch	Steel screw type headgate	wooden rect. weir.	present adequate	12-inch parshall flume	
Decree No. 26 Private Ditch Blake Smith, Beaver, Utah	Blake Smith Ditch	old wooden headgate	old wooden weir	Steel screw type headgate	6-inch parshall flume (0.3 cfs)	
Decree No. 34 Christian Dam Ditch C.E. Paice, Waldo Yardley, Walter Kerksiek, S.A. Smith Beaver, Utah	Christian Dam ditch	none	none	Screw type headgate	18-inch parshall flume (1.5 cfs + "B" water)	
Decree No. 39 PATTERSON DITCH CO. Wallace Yardley Beaver, Utah	Patterson Ditch	Wood and steel headgate	7-ft. wooden rect. weir	present adequate	present adequate, but recommend replace with parshall flume	
Decree No. 47 FIRST DITCH IN BULL BERRY SLOUGH % W.W. Farrer, Beaver, Utah	First Ditch	none	none	Steel screw type headgate	3-inch parshall flume	
Decree No. 48 SECOND DITCH IN BULL BERRY SLOUGH C.E. Paice, Frank Smith, Alvin Yardley, Albert Atkins, Beaver, Utah	Second Ditch	none	none	Steel screw type headgate	3-inch parshall flume	
Decree No. 49 THIRD DITCH IN BULL BERRY SLOUGH W.W. Farrer, Beaver, Utah	Third Ditch	none	none	Steel screw type headgate	3-inch parshall flume	
Decree No. 50 FOURTH DITCH IN BULL BERRY SLOUGH Albert T. Smith, James Riley, Frank Smith, Beaver, Utah	Fourth Ditch	none	none	Steel screw type headgate	3-inch parshall flume	
Decree No. 59 BLACKNER AND HUNTINGTON DITCH Wallace Yardley, Beaver, Utah	Blackner and Huntington ditch	none	none	no headgate needed	18-inch parshall flume.	
Decree No. 60 SOUTH CREEK ASSOCIATION % Bob Nowers, Beaver, Utah	In South Creek channel	none	8-ft. wood and concrete weir, not usable.	none needed	4-ft. parshall flume (6.0 cfs)	See letter by Hubert C. Lambert Deputy State Engineer
Decree No. 95 HAY DITCH Ralph Stewart, Adamsville, Utah Ray Kessler, John Bradshaw, Beaver, Utah	Hay Ditch	Wooden headgate	none	Steel screw type headgate	12-inch parshall flume	
Decree No. 32 GREENWOOD DITCH Waldo Yardley, Albert Atkin, S. Albert Smith, Sara Bakes, Ernest Joseph, Beaver, Utah; Niel Boyter, 237 S. 200 W., Cedar City, Utah	Greenwood Ditch	none (This water is delivered through the South Field headgate and returned to the river, and then taken out again. The headgate is needed on the point of rediversion)	none	Steel screw type headgate	18-inch parshall flume	Rediversion out of Beaver River
Decree No. 31 INDIAN DAM ASSOCIATION Earnest Joseph, Earl T. Smith, Blake Smith, Ora Hofneuis, Robert Christiansen, Mark Woolsey, Beaver, Utah	Dam Ditch	Wooden headgate	none	none	2-ft. parshall flume (1.39 cfs + "B" water)	
Decree No. 33 Waldo Yardley, Sara Bakes, Albert Atkin, S. Albert Smith, Niel K. Bayter, Beaver, Utah	Brunson Ditch	none	none	Steel screw type headgate	3-inch parshall flume	
Decree No. 86 Sumner Murdock, King Morris, Ira Yardley, Glenn Hutchings, Beaver, Utah	Morris Levi	Wooden headgate, not adequate	1-ft. rect. weir, not usable	Steel screw type headgate	V-notch weir (0.47 cfs)	
Decree No. 101 Earl Limb Minersville, Utah	Limb ditch	none	none	steel screw type headgate	3-inch parshall flume (0.25 cfs)	
Decree No. 27 A. J. Low Beaver, Utah	Low Ditch	none	1-ft. rect. weir, not adequate.	steel screw type headgate	3-inch parshall flume	
Decree No. 121 BEAVER DAM RESERVOIR CO. Laval Bradshaw, Pres., Manderfield, Utah		none needed, storage right.	3-ft. wood rect. weir	none	3-ft. parshall flume. (To be installed below present outlet works of reservoir)	
Decree No. 122 MANDERFIELD RESERVOIR & IRR. CO. Laval Bradshaw, Pres. Manderfield, Utah	Manderfield ditch	none needed.	5.5-ft. wood rect. weir	none	3-ft. parshall flume.	
Decree No. 120 THOMAS MUIR Beaver, Utah	Manderfield ditch	none	none	screw type headgate	Parshall flume.	
MINERSVILLE RES. & IRR. CO. Marshall Hollingshead, Pres. Minersville, Utah	Rocky Ford Reservoir	Earth Dam	Gaging stations	none	Replace present staff gage.	
Fred Harris, Beaver, Utah (3.08 cfs) (1/13th of Decreed Right No. 4-a)	Mammoth Canal, waste channel to river	3 outlets, two screw type headgates, and 1 wooden headgate	none	replace wooden gate with steel screw type locking headgate	3 parshall flumes, one on each diversion.	
WEST SIDE IRRIGATION CO. John White, Pres., Beaver, Utah NORTH CREEK IRRIGATION CO. Robert Christiansen, Pres., Beaver, Utah		The measuring weir and diversion structure now used to measure and to divide the water between these companies are not safe and they are not accurate. Both structures should be replaced.				