

American Canal Society Canal Structure Inventory

Structure STONE ARCH KEY DAM		Canal RIDEAU CANAL	HAER/CEHR Condition GOOD REPAIR
State/Province ONTARIO County LEEDS		Designer(s) JOHN BY, LIEUT COL. R.E.	
City/Town JONES FALLS		Contractor/Builder RED PATH + MACKAY	
Street _____		Source of Material SANDSTONE (QUARRY 6 MILES FROM SITE)	
Associated Waterway RIDEAU CANAL (UNDER)		DATES OF CONSTRUCTION	
TOPOGRAPHIC MAP _____		Start 1828	Rebuilding _____
UTM Coordinates _____		Completion 1830	Abandoned _____
History & Use in Service; Use Since Abandonment: <p style="text-align: center;"><i>Down out</i></p> <ul style="list-style-type: none"> - DAM CONSTRUCTED TO AVOID ROCKY GORGE BETWEEN CLEAR AND WHITEFISH LAKES. GORGE WAS DAMED UP TO LEVEL OF CLEAR LAKE SO AS TO FACILITATE USE OF MACDONALD'S GULLY (APPROX 3000 FT TO THE SOUTH) IN WHICH TO CONSTRUCT FOUR LOCKS NECESSARY TO OVERCOME 3000 60 FT DIFFERENCE IN WATER LEVEL BETWEEN TWO LAKES. - DAM CONSTRUCTED BY USE OF "LEAP FROGGING TECHNIQUE" TEMPORARY WOODEN SLICES ADOPTED AS DAM WAS BUILT AROUND THEM. 			
Description (Visible Remains at the site): <ul style="list-style-type: none"> - MASONRY DAM, 62 FT HIGH, 350 FT LONG AT CREST. - FORMED OF SANDSTONE HAND HEWN BLOCKS APPROX 6'x4'x18" - MASONRY STRUCTURE BACKED BY EARTH FILL, BETWEEN IS A PUDDLE CORE - DOWNSTREAM FACE OF DAM IS ARCHED IN PLAN CONCAVE DOWN-STREAM - VIRTUALLY UNCHANGED, SAVE FOR PENSTOCKS INSERTED IN 1947 TO SUPPLY GANANOCQUE LIGHT + POWER CO. 			
Other works or events associated with site: <ul style="list-style-type: none"> FOUR LOCKS, THREE IN ONE FLIGHT, FORTH DETACHED AND SEPERATED. - BLACKSMITHS SHOP - WHERE LOCK FITTINGS WERE MADE, AS JONES FALLS WAS QUITE INACCESSIBLE - DEFENSIBLE LOCKMASTER'S HOUSE 			
Present Property Owners: PARKS CANADA		Location of Deed Description:	
Bibliography (Published, unpublished mss, maps, photographs): <p style="text-align: center;">THE JONES FALLS DAM ON THE RIDEAU CANAL, ONTARIO CANADA. BY ROBERT F LEGGETT - TRANSACTIONS OF NEWCOMEN SOCIETY VOL. XXXI, 1957-58 + 1958-59 P 205-218</p>			
Agencies, Individuals Interested in Preservation/Restoration:		National Register/CEHR, Other Recognition:	
Investigation made by: L. FRIEND			Date: 13-5-74
Address:			
RETURN TO:			

A sketch map or illustration of the site should be included on the reverse.