

Kake Dam

Condition of Improvements
31 December 2022
Kake Dam, Alaska
(CWIS No. 076297)

Authorization Section 105 of the Energy and Water Development Appropriations Act, 2001 as enacted by Section 1(a)(2) of Public Law 106-377 of P.L. 106-377. Conference Report 106-988, Section 105, page 179. “SEC. 105. Within available funds under title I, the Secretary of the Army, acting through the Chief of Engineers, shall provide up to \$7,000,000 to replace and upgrade the dam in Kake, Alaska which collapsed July 2000, to provide drinking water and hydroelectricity”.

Progress of Work

2005	The collapsed dam is demolished and removed. Construction of a new dam begins.
2006	Construction of the new dam continues.
2007	The new dam in completed in April. Government cost is \$8,090,962. Turbines were also purchased for the dam. Concrete spalls on the face of the left ogee weir face are repaired under warranty.
2008	The turbine purchased is finished at a cost of \$93,841.
2009	Floor repair is completed for installation of the turbines at a cost of \$188,667. Turbines and instrumentation were finished in early spring of 2010.
2011	High flow event noted on Gunnuk Creek in August by the hatchery. No damage to the project noted.
2012	Periodic Inspection #2 revealed the dam to be in good condition with concrete spalling noted near the water intakes.

Table 2 Cost to Date

Project	Description	Cost \$
076297	CG Appropriation	12,740,902
	CG Costs	12,740,903

Kake Dam, Kake, Alaska



Downstream of Kake Dam during construction, January 2007



Upstream of Kake Dam during construction, January 2007

Kake Dam, Kake, Alaska



Downstream of Kake Dam during construction, January 2007



Downstream of Kake Dam, June 2010