

SUMMARY of the WALLA WALLA DISTRICT VE STUDIES on the COLUMBIA RIVER FISH MITIGATION PROGRAM

Data from Walla Walla District VE Team Study Reports and ENG Forms 4607-R

CENWW VE ID #	Description of the Study	Status of Contract	Participants in the study					Total No.	Actual Days to do Study	Cost for only the VE Study	Net Project VE Savings	Project Actual Bid \$ or Budget \$
			in-house	Other	A/E	OVEST	VEO					
	1998											
98-02	Ice Harbor Dam - Flow Deflection Devices <i>Award Scheduled for May 1998</i>	not awarded	5	0	0	0	1	6	4	\$18,000	\$1,556,000	\$ 6.9 M
	1997											
97-01	Ice Harbor Dam - Evaluation Separator	awarded	4	0	0	0	1	5	3	\$10,000	\$63,000	\$ 2.0 M
97-02	Lower Granite Dam - Test Dewatering Structure <i>Project Placed on hold</i>	not awarded	4	0	1 PTC	0	1	6	5	\$25,000	\$7,300,000	\$16.2 M
97-03	Lower Granite - Behavior Guidance Structure	awarded	5	0	0	0	1	6	3	\$10,000	\$248,000	\$11.2 M
	1996											
96-01	Ice Harbor - Floating Fish Guidance Curtain <i>* redesigned and built at Lower Granite - see 97-03</i>	not awarded	5	0	0	0	1	6	5	\$23,000	\$454,000	\$ 4.5 M
96-02	Ice Harbor - Spillway Deflectors	awarded	4	0	0	0	1	5	5	\$30,000	\$1,830,000	\$ 2.5 M
96-04	Lower Granite - Juvenile Fish Facility <i>Project Placed on hold</i>	not awarded	6	0	0	0	1	7	5	\$35,000	\$670,000	\$12.0 M
	1995											
95-02	Lower Granite Dam - Surface Collector	awarded	5	1 B of R	0	0	2 NWK	8	5	\$40,000	\$468,000	\$ 8.0 M
95-04	McNary Dam - Screen Rehabilitation Facility <i>Project Placed on hold</i>	not awarded	4	0	0	0	1	5	5	\$30,000	\$640,000	\$ 3.7 M
	1994											
94-01	Lower Monumental Dam - Raceway Shelters	awarded	3	0	0	0	1	4	5	\$10,000	\$147,000	\$ 0.175 M
94-01	McNary Dam - Raceway Shelters	awarded								\$15,000	\$276,000	\$ 0.375 M

Note: Actual VE Savings claimed are in bold

Note: Calendar days to perform these studies varies from 5 to 60

Prepared By
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PTC = Project Time & Cost Inc. (estimator only)
B of R = Bureau of Reclamation
NWK = Northwestern Kansas City (USACE) (1 CVS)
VEO = Value Engineering Officer (in-house)