

Physical and Economic Benefits Summary

November 2016

Part 1. Physical and Economic Benefits. Repeat this block for each category of public or non-public benefit quantified							
Enter Benefit Category here ¹							
Repeat Rows 1 through 4 for every quantified physical benefit in this benefit category							
1. Physical Benefit Name:					Notes:		
2. Physical Benefit Measurement Units:					Notes:		
		2030			2070		
	Enter Page Number from Application	With Project	Without Project	Difference	With Project	Without Project	Difference
3. Net Physical Benefit Measurement ²							
4. Annual Economic Benefit, 2015 \$ Million/Yr							
5. Total Annual Monetized Benefit for the Category (sum of all row 4s.)							

¹ Enter one of these benefits: Ecosystem, Water Quality, Flood Control, Emergency Response, Recreation, or Non-public benefit

² Net of any non-mitigated physical effects

Part 2. Total Economic Net Benefits and Allocated Cost by Benefit Category in 2015 \$ Million									
	Enter Page Number from Application	Ecosystem	Water Quality	Flood Control	Emergency Response	Recreation	Total Public Benefits	Non-Public Benefits	Total public and non-public benefits ¹
Sum of annual economic net benefits by type									
Sum of 2030 benefits from Part 1, Row 5									
Sum of 2070 benefits from Part 1, Row 5									
Present Value of Benefits over Planning Horizon using 3.5% Discount Rate									
Present Value of Total Project Costs Allocated to each Benefit Category									
Capital Costs Allocated to Each Benefit Category									
Total Requested Program Cost Share									

¹ Present value of total public and non-public benefits, total project costs, and total Program funding request must match numbers in Part 3-4

Part 3. Present Value of Project Costs, Cost-Effectiveness Measure, and Public Benefit Ratio, Million 2015 \$ Present Value

	Enter Page Number of Application	2015 \$ Million Present Value
Project Costs		
Capital costs as defined in Program regulations		
Interest during construction		
Replacement costs		
Future environmental mitigation or compliance obligation costs		
Operations, maintenance and repair (OM&R) costs		
Other costs (describe)		
Present Value of Total Project Costs ¹		
Present Value of Cost of Least-Cost Alternative that Provides the Same Total Physical Benefits		
Present Value of All Public and Non-public Benefits ¹		
Ratio of Present Value of Total Monetized Net Benefits to the Total Project Costs		
Present Value of Public Benefits ¹		
Total Requested Program Cost Share ¹		
Public Benefit Ratio: Ratio of Present Value of Monetized Net Public Benefits to the Total Requested Program Cost Share		

¹ Must match numbers in Part 2