

# WATER RESOURCES DEVELOPMENT ACT (WRDA) OF 2010 REPRESENTATIVE DAVE REICHERT (WA-08)

(ONE project/program per form)

*\*\*Please attach a letter of support from the non-federal sponsor\*\**

## ARMY CORPS OF ENGINEERS INFORMATION

**Army Corps of Engineers District:** 4735 East Marginal Way S. Seattle, WA 98124

**Point of Contact (Name and Title):** Gordon Thomas - Project manager, Civil Projects Branch

**Army Corps of Engineers Phone:** (206) 439-4537

## GENERAL INFORMATION

**Non-Federal Sponsor:** Cascade Water Alliance

**Address:** 11400 SE 8th Street, Suite 440

**City:** Bellevue

**State:**  
WA

**Zip Code:** 98004

**Point of Contact:** Elaine Kraft, Intergovernmental and Communications Director

**Phone:** (425) 283-0364

**Email:** ekraft@cascadewater.org

**DC Representation (if any):** Dale Learn

**Phone:** (202) 276-5679

**Address:** 203 Maryland Ave, NE

**Email:** dlearn@gth-gov.com

**City:** Washington

**State:**  
DC

**Zip Code:** 20002

## PROJECT/PROGRAM INFORMATION

**PROJECT TITLE:** Multipurpose Operations at Mud Mountain Dam, Washington, Feasibility Study

Prioritized: 1 of 1 total requests for your organization

**Project Purpose: (Please check)**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Navigation                               | <input checked="" type="checkbox"/> Water Supply                 |
| <input checked="" type="checkbox"/> Environmental Protection and Restoration | <input checked="" type="checkbox"/> Recreation                   |
| <input checked="" type="checkbox"/> Flood Damage Reduction                   | <input type="checkbox"/> Aquatic Plant Control                   |
| <input type="checkbox"/> Hurricane and Storm Damage Reduction                | <input checked="" type="checkbox"/> Environmental Infrastructure |
| <input type="checkbox"/> Shoreline Protection                                |  |
| <input type="checkbox"/> Hydroelectric Power                                 |  |

**Amount requested:** \$ 200,000

**Total cost of project:** \$4-5 million. This includes a feasibility study and pre-construction, engineering and design studies.

**Minimum amount of FY2010 funding needed to begin or sustain this project:** \$

**Are you requesting this through any other office(s):** Yes

If yes, which office(s): Rep. Smith & Rep. Inslee

**Executive Summary/Project Description (MAXIMUM 150 characters):**

- You may attach additional information, however, please understand that the description provided below will be used for any and all public disclosure requirements.

A feasibility study for multipurpose operations at Mud Mountain Dam for fish, in-stream flows, lake levels, water supply and to protect from flooding.

**Is there any other relevant information regarding this request that you would like to share?**

The Cascade Water Alliance (CWA) is a non-profit organization comprised of the cities of Bellevue, Redmond, Kirkland, Issaquah and Tukwila, and Covington Water District, the Sammamish Plateau Water and Sewer District, and Skyway Water and Sewer District to provide safe, clean and reliable water to its almost 400,000 residents and more than 22,000 businesses. Cascade is the key part of the water supply system in the central Puget Sound area for now and into the future.

On December 18, 2009, Cascade will take ownership of Lake Tapps and the former White River hydroelectric project from current owner Puget Sound Energy (Puget) in anticipation of using the system for municipal water supply. Cascade will, as part of its operations of the Lake Tapps system, provide enhanced White River flows to benefit the fish and divert water from the White River into Lake Tapps to maintain recreational lake levels and ultimately withdraw water from the lake for municipal water supply. In anticipation of owning and operating Lake Tapps and the White River system, Cascade signed key agreements with the Puyallup Tribe of Indians and the Muckleshoot Indian Tribe (the Tribes) regarding in-stream flows and the Lake Tapps Community Council regarding recreational lake levels. The Mud Mountain Dam which was completed in 1948 by the US Army Corps of Engineers (the Corps) as a flood control structure on the White River, could assist Cascade and its partners in these efforts.

Currently, the Corps authority limits the operation of the Mud Mountain Dam to flood control. A feasibility study could lead for additional purposes for the facility that would include providing storage of water from late spring/early summer rain events and snow melt, which could then be released during the low flow periods in late summer/early fall. Storing a portion of the water that would currently be released through the dam (i.e. 15 – 25 percent of the total storage capacity) for release during late summer and early fall would have a tremendous benefit for: in-stream flows and fish protection; recreation; water supply; and flood control. Further, this study could enhance other efforts to understand and mitigate flood control issues in the entire flood plain, which has received much press recently surrounding the stability of the Howard Hanson Dam. Other issues of concern are the uncertainties facing the region on climate change or other weather pattern changes, as well as unforeseen problems or emergencies.

The Corps authority limits the operation of the Mud Mountain Dam to flood control. While this remains a critical issue in the entire White/Puyallup River basin, Cascade and its partners believe there are other key needs that the Corps could address, in addition to flood control, through a study of multipurpose operations of Mud Mountain Dam. A feasibility study for the multipurpose operations at Mud Mountain Dam could help address and protect fish, in-stream flows, water supply as well as the communities from flooding.



## **OFFICE OF CONGRESSMAN DAVE REICHERT (WA-08)**

### **PROJECT REQUEST CERTIFICATION**

By submitting this request for federal funding, I certify that:

- This project directly benefits the residents of Washington's Eighth Congressional District and merits federal funding assistance.
- None of the funds requested will be used for a new building, program, or project named after a sitting Member of Congress.
- None of the funds requested will be used to secure funds for other entities unless the use of funding is consistent with the specified purpose of the project request.
- For requests where the receiving entity is not a unit of federal, state, or local government, or where the entity receiving the funding will not be providing support to a federal, state, or local government, or will not be providing research, the organization will provide matching funds, including in-kind contributions of 5% or more above the statutory requirement.
- For requests from non-federal, -state, or -local government entities or other public institutions, the organization will submit an End User Letter(s) of Support from a public official representing the direct beneficiaries of the project. This will be inserted into the Congressional Record and disclosed on the Member's Congressional Website.
- Under separate cover, I agree to provide a comprehensive plan outlining the sources of funding for the duration of the project; the percent and source of required matching funds, anticipated

sources of the funding for the duration of the project, and a detailed budget for how federal funding assistance will be used to support the project.

- In the interest of transparency, any information submitted with this project request may be disclosed for public review, including but not limited to the Committee or Member's Congressional Website and the Congressional Record.
- Should the project receive federal funding, I agree to disclose whether I hired a lobby firm; if so, the name of the lobby firm; and how much was paid to advocate for this project.

**PROJECT NAME:** Multipurpose Operations at Mud Mountain Dam, Washington, Feasibility Study

**NAME OF PERSON CERTIFYING:** Elaine Kraft

**TITLE OF PERSON CERTIFYING:** Intergovernmental and Communications Director

**LEGAL NAME OF ENTITY MAKING REQUEST:** Cascade Water Alliance

**LEGAL ADDRESS OF ENTITY MAKING REQUEST:** 11400 SE 8th Street, Suite 440, Bellevue, WA 98004

**SIGNATURE:**

*Elaine Kraft*  
Elaine Kraft

**DATE:** 11-30-09



## **OFFICE OF CONGRESSMAN DAVE REICHERT (WA-08)**

### **CONGRESSIONAL SITE VISIT CERTIFICATION**

*In the interests of accountability and transparency, we require that either the Congressman or a member of the Congressman's professional staff visit each project site requesting federal funding. This will enable our office to more thoroughly assess the merits of each project and ensure that limited taxpayer funds are invested wisely.*

*Upon completion of the congressional site visit, please complete this form and have a representative from the organization (not a representative from a lobbying firm) sign it. The Congressional Staff Member visiting the site will be responsible for collecting the form at the time of the visit.*

I hereby certify that on November 25, 2009 Congressman Dave Reichert/a professional staff member from Congressman Dave Reichert's office visited our organization/project for the purposes of reviewing our request for federal funding.

**Water Resources Development Act (WRDA) of 2010  
Project Request Packet for Congressman Dave Reichert (WA-08)  
Submitted by the Cascade Water Alliance  
November 25, 2009**

**Finance Plan**

**Project Title:** Multipurpose Operations at Mud Mountain Dam, Washington, Feasibility Study

Federal Fiscal Year	Project Activity		Feasibility Study				2016	Total
	Reconnaissance Study	2010	2011	2012	2013	2014		
Annual Project Budget	\$200,000	\$50,000	\$500,000	\$900,000	\$900,000	\$900,000	\$900,000	\$5,250,000
Annual Federal Share	\$200,000	\$50,000	\$250,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,750,000
Annual Local Sponsor Share	In-Kind staff support		\$250,000	\$450,000	\$450,000	\$450,000	\$450,000	\$2,500,000

**NOTES:**

Local Sponsor (Cascade Water Alliance) will support 50% of the cost of the Feasibility Study  
Local Sponsor share will be at least 50% cash contribution and not more than 50% in-kind services (Local Sponsor staff or consultants)



November 24, 2009

The Honorable David Reichert  
Member of Congress  
1730 Longworth House Office Building  
Washington, DC 20515

**Board of Directors**

Chair  
Lloyd Warren  
Commissioner,  
Sammamish Plateau  
Water & Sewer District

Vice Chair  
Mary-Alyce Burleigh  
Councilmember, City of  
Kirkland

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Mayor, City of Tukwila

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Mayor, City of Bellevue

David Knight  
Commissioner,  
Covington Water District

David Kappier  
Councilmember, City of  
Issaquah

John Marchione  
Mayor, City of Redmond

Jon Ault  
Commissioner, Skyway  
Water & Sewer District

**Chief Executive Officer**

Chuck Clarke

Dear Congressman Reichert:

The Cascade Water Alliance, a non-profit organization comprised of several cities (Bellevue, Redmond, Kirkland, Issaquah and Tukwila) and water districts (Covington Water District, the Sammamish Plateau Water and Sewer District, and Skyway Water and Sewer District), is writing to request the authorization of a feasibility study as part of the Water Resources Development Act (WRDA) of 2010. That study would focus on the multipurpose operations at Mud Mountain Dam to address and protect fish, in-stream flows, water supply and the communities from flooding. Cascade will provide the local match necessary to make this study a reality.

On December 18, 2009, Cascade will take ownership of Lake Tapps and the former White River hydroelectric project from current owner Puget Sound Energy (Puget) in anticipation of using the system for municipal water supply. Cascade will, as part of its operations of the Lake Tapps system, provide enhanced White River flows to benefit the fish and divert water from the White River into Lake Tapps to maintain recreational lake levels and ultimately withdraw water from the lake for municipal water supply. In anticipation of owning and operating Lake Tapps and the White River system, Cascade signed key agreements with the Puyallup Tribe of Indians and the Muckleshoot Indian Tribe (the Tribes) regarding in-stream flows and the Lake Tapps Community Council regarding recreational lake levels. The Mud Mountain Dam which was completed in 1948 by the US Army Corps of Engineers (the Corps) as a flood control structure on the White River, could assist Cascade and its partners in these efforts.

Cascade is committed to managing Lake Tapps for the benefit of the White River (increased flows and habitat preservation and restoration), for recreational purposes and for providing water supply to its members. However, several key challenges face Cascade and other partners in the region as they seek long term water supply certainty. These include uncertainty in forecasting water demands, predicting future regulatory requirements and uncertainty associated with the possible impacts of climate change on water supply systems. Currently, the Corps authority limits the operation of the Mud Mountain Dam to flood control. While this remains a critical issue in the entire White/Puyallup River basin, Cascade and its partners believe there are other key needs that the Corps could address, in addition to flood control, through a study of multipurpose operations of Mud Mountain Dam.

The Honorable David Reichert  
November 24, 2009  
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Additional purposes for the facility could include but not be limited to providing storage of water from late spring/early summer rain events and snow melt, which could then be released during the low flow periods in late summer/early fall. Storing a portion of the water that is currently released through the dam (i.e. 15 – 25 percent of the total storage capacity) for release during late summer and early fall could have a tremendous benefit for:

- **In-stream flows and fish protection** — augmenting naturally low flows in the White River during a critical fish spawning season
- **Recreation** — providing additional flow to assist in maintaining recreational Lake Levels
- **Water Supply** — providing additional flow to increase the reliability of the municipal water supply project
- **Flood control** — holding a portion of the late spring/early summer flood flows could reduce the risk of downstream flooding

These issues have been raised by Cascade and other interested parties in the region, including Pierce County, the Lake Tapps Community and other municipal governments in the basin. Further, this study could enhance other efforts to understand and mitigate flood control issues in the region, which has received much press recently surrounding the stability of the Howard Hanson Dam. Other issues of concern are the uncertainties facing the region on climate change or other weather pattern changes, as well as unforeseen problems or emergencies.

A study would indicate whether this would enhance the entire system — in stream, water supply and lake levels. Cascade foresees no significant risks to the Corps in conducting a study of this type.

For the reasons above, we request such a feasibility study be included as part of WRDA. Should you have any questions or problems with this request, please contact Elaine Kraft, Intergovernmental and Communications Director at Cascade (425-283-0364; ekraft@cascadewater.org).

Sincerely,



Chuck Clarke  
Chief Executive Officer



## OFFICE OF CONGRESSMAN DAVE REICHERT (WA-08)

### CONGRESSIONAL SITE VISIT CERTIFICATION

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I hereby certify that on November 25, 2009 Congressman Dave Reichert/a professional staff member from Congressman Dave Reichert's office visited our organization/project for the purposes of reviewing our request for federal funding.

**PROJECT NAME:** Multi-purpose Operations at Mud Mountain Dam, Washington State, Feasibility Study

**DATE OF CONGRESSIONAL VISIT:** November 25, 2009

**NAME OF PERSON CERTIFYING:** Michael Gagliardo

**TITLE OF PERSON CERTIFYING:** Director of Planning

**LEGAL NAME OF ENTITY MAKING REQUEST:** Cascade Water Alliance

**LEGAL ADDRESS OF ENTITY MAKING REQUEST:** 11400 SE 8<sup>th</sup> Street, Suite 440, Bellevue, WA 98004

**SIGNATURE:**

**DATE:**

11-25-2009

**MEMBER/CONGRESSIONAL STAFF MEMBER:** Thomas Young, Deputy District Director

**SIGNATURE:**

**DATE:** 11. 25. 09