



COLUMBIA RIVER WATER MANAGEMENT PROGRAM GRANT APPLICATION

OFFICE USE ONLY: CR 01 07 01
<input type="checkbox"/> Draft/Worksheet <input type="checkbox"/> Submission/ Final Date Rcvd: ___/___/___

Project Name: WRIA 44/50 Surface Water Storage Feasibility Study:
Foster Coulee and Rock Island Creek

County: Douglas

IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS

1. APPLICANT INFORMATION		
APPLICANT/BUSINESS NAME Foster Creek Conservation District	PHONE NO. (509) 548-0131	FAX NO. (509) 548-0131
ADDRESS P.O. Box 428		
CITY Waterville	STATE WA	ZIP CODE 98858

2. NEW (PROPOSED) WATER USE AND PROJECT BUDGET
PROJECT NAME WRIA 44/50 Surface Water Storage Feasibility Study
PROJECT LOCATION Foster Coulee and Rock Island Creek
STREAM REACH MILE/ LOCATION See attached project maps.
PROJECT DESCRIPTION (TYPE) <p>It is the goal of the Douglas County Watershed Planning Association to provide a balanced water supply by location and timing for all users to sustain healthy communities, (WRIA 44 & 50 Watershed Management Plan). These users include agriculture; commercial, residential, and industrial development; recreation and tourism; and fish and wildlife. To reach this goal the Watershed Planning Association agreed to pursue potential water storage projects in WRIA 44 & 50 and to develop water use proposals to the Columbia River Basin Water Management Program, (Action 19 & 21 of Watershed Management Plan). The Watershed Planning Association also recognized the need to take steps now to provide additional water storage to mitigate for impacts of global climate change on water resources, (Action 20 of Watershed Management Plan). These goals and actions are harmonious with intent of the Columbia River Basin Water Management Program and RCW 90.90.020 directing the Department of Ecology to develop water supplies to provide additional water supply to meet forecasted growth and unmet water needs in the Columbia River Basin.</p>

During implementation of the Watershed Management Plan, the Watershed Planning Association identified two potential small water storage sites located in WRIA 50 at the Foster Coulee and in WRIA 44 at Rock Island Creek. At initial survey by the planning unit and the Department of Ecology, three options for dam locations were considered at the Foster Coulee ranging from storage potential of 96,000 to 195,000 acre-feet and could provide water storage benefits to the Odessa aquifer. At initial survey by the planning unit and consultant at Anchor Environmental, the Rock Island Pump Storage Project could hold 60,000 acre-feet and could provide benefit to downstream municipal supply demands along the Columbia River.

This WRIA 44/50 Surface Water Storage Feasibility Study would include analyzing the feasibility of the Foster Coulee and Rock Island Creek storage sites.

FOSTER COULEE:

Preliminary analyses on the Foster Coulee water storage area would include review of initial analysis completed by the planning unit and Department of Ecology of three potential options based on the varying Coulee rim elevations, one for two low dams, the second for two high dams and the third option for two high dams and one low dam. This information would be used to:

- o Perform site reconnaissance and review of existing USGS topographical maps to find the largest reservoir site possible.
- o Review of available geologic information to assess if the site is suitable for a dam.
- o Determine the source of water supply for the reservoir by discussing the potential use of water pumped from Banks Lake.
- o Initiate discussion with the Bureau of Reclamation on feasibility of filling and managing pumping from Banks Lake.

If these analyses are favorable to answer these basic questions, then additional feasibility study work can be completed that would identify project features and recommended option.

Preliminary Analyses Cost Estimate: \$31,250

ROCK ISLAND CREEK:

For this site, a pump station on the Columbia River would be required, as well a pipeline to the dam, spillway and return channel or pipe to the Columbia River. The analyses required to perform an initial feasibility study are to:

- o Perform site reconnaissance and review existing USGS topographical maps to find a suitable reservoir site within the narrow steep canyon.
- o Review available geologic information to assess if the site is suitable for a dam.
- o Describe the facilities needed for the project and perform a reconnaissance level cost estimate (very brief, order of magnitude type cost estimate usually performed by scaling the size of the project facilities to other projects recently constructed).
- o Perform a review of the dam and reservoir site to determine what environmental resources are present.
- o Determine if there are any fatal flaws for the site based upon existing information. Fatal flaws are items that would make construction or permitting so difficult or expensive that the project would not be constructed.
- o Prepare reconnaissance level report describing the project, providing more detailed costs for construction and on-going operation and maintenance.

- o Compare the cost and benefits of the project to other projects being considered by Ecology for water storage in the Columbia River basin.
- o Provide recommendations as to whether it would be worthwhile to pursue the project.

Reconnaissance Level Analyses Cost Estimate: \$62,500

Preliminary maps and cost estimates of implementing these water storage projects are attached. Both studies would also include coordinating with the Chelan County Public Utility District and Douglas County Public Utility District on feasibility of power generation at the water storage facilities.

FEASIBILITY STUDY BUDGET \$93,750

OPERATIONS AND MAINTENANCE BUDGET
(INDICATE DURATION OF AGREEMENT PROPOSED) N/A

	MATERIALS	LABOR
ESTIMATED CONSTRUCTION COST	N/A	
DESIGN FEES	N/A	
PROFESSIONAL FEES	N/A	
SOFT COSTS (ALL PERMITS, LOCAL FEES, AND SO ON)	N/A	
OTHER CONTINGENCIES	N/A	

3. DETAILED PROJECT DESCRIPTIONS

(PROVIDE EXPLANATIONS AS REQUESTED. ESTIMATE PROJECT AMOUNTS (COSTS, WATER QUANTITIES, AND SO ON) AS CLOSELY AS POSSIBLE.

A. PROJECT COSTS AND FUNDING SOURCES

TOTAL PROJECT AMOUNT REQUESTED FROM THIS PROGRAM
(DOLLAR TOTAL AND PERCENT OF PROJECT BUDGET)
\$93,750, 100% of project budget.

TOTAL EXPECTED COST (PROGRAM GRANT) PER ACRE FOOT OF WATER GAINED FOR THE PROGRAM FROM THIS PROJECT.
Total expected cost of implementation per acre foot of water gained are as follows:

Rock Island Creek:
Storage: 60,000 acre-feet
Cost: \$204 M
Cost/Acre Foot: \$3,397 /AF
* See attached detailed cost estimate for construction.

Foster Coulee:
Option One- Two Low Dams
Storage: 126,000 acre-feet
Cost: \$223 M to \$251 M
Cost/Acre Foot: \$1,772- \$1,994/ AF

Option Two- Two High Dams
Storage: 96,250 acre-feet
Cost: \$266 M to \$299 M
Cost/Acre Foot: \$2,768- \$3,114/ AF

Option Three- Two High Dams, One Low Dam
Storage: 194,700 acre-feet
Cost: \$399 M to \$449 M
Cost/Acre Foot: \$2,051- \$2,308/ AF

B. FUNDING SOURCE INFORMATION

TOTAL PROJECT AMOUNT EXPECTED TO BE PROVIDED BY SOURCES OTHER THAN THIS PROGRAM (DOLLAR TOTAL AND PERCENT OF PROJECT BUDGET)

None identified at this time.

IDENTIFY SOURCES AND TYPE OF FUNDING OTHER THAN THROUGH THIS PROGRAM GRANT. INCLUDE EXPECTED DATES OF PARTICIPATION. INCLUDE AS AN ATTACHMENT; LETTERS OF COMMITMENT, OFFER LETTERS, APPLICATION APPROVALS, AND SO ON.

SOURCE AND TYPE OF FUNDING: _____

AMOUNT: _____

STATUS: _____

DATES OF PARTICIPATION: _____

SOURCE AND TYPE OF FUNDING: _____

AMOUNT: _____

STATUS: _____

DATES OF PARTICIPATION: _____

SOURCE AND TYPE OF FUNDING: _____

AMOUNT: _____

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AMOUNT: _____

STATUS: _____

DATES OF PARTICIPATION: _____

SOURCE AND TYPE OF FUNDING: _____

AMOUNT: _____

STATUS: _____

DATES OF PARTICIPATION: _____

C. ESTIMATED TOTAL WATER SAVINGS

CONSERVATION PROJECT: ESTIMATE THE WATER TO BE CONSERVED THROUGH THIS PROJECT. PROVIDE ENGINEERING OR TECHNICAL ANALYSIS TO SUPPORT THIS ESTIMATE.

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT
Qa (ACRE-FEET)													
Qi (CFS)													

HOW MUCH WATER IS THE APPLICANT PREPARED TO PLACE IN TRUST? _____ AF
 (NOTE: THE MINIMUM TRUST QUANTITY IS PROPORTIONATE TO FUNDING UNDER THIS PROGRAM.)

HOW MUCH OF THE TRUST WATER QUANTITY ACCRUES IN A TRIBUTARY? (AMOUNT) _____

TRIBUTARY NAME _____

HOW MUCH OF THE TRUST WATER QUANTITY ACCRUES TO THE COLUMBIA RIVER? (AMOUNT) _____

STORAGE PROJECT: ESTIMATE THE WATER TO BE STORED UNDER THIS PROJECT. PROVIDE ENGINEERING OR TECHNICAL ANALYSIS TO SUPPORT THIS ESTIMATE. ESTIMATED ACRE-FEET= 96,250-194,700 acre-feet at the Foster Coulee/ 60,000 acre-feet at Rock Island Creek AF

ESTIMATE THE TOTAL QUANTITIES AND TIMING WATER WILL BE DIVERTED INTO STORAGE BELOW.

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOT
Qa (ACRE-FEET)	TBD												
Qi (CFS)	TBD												

HOW MUCH STORED WATER IS THE APPLICANT PREPARED TO ASSIGN FOR STATE USE FOR THE COLUMBIA RIVER PROGRAM?
100% AF

NOTE: THE MINIMUM QUANTITY ASSIGNED IS PROPORTIONATE TO FUNDING UNDER THIS PROGRAM.

HOW MUCH OF THE STORED WATER QUANTITY WILL BE RELEASED IN A TRIBUTARY? None. AF

TRIBUTARY NAME _____

HOW MUCH OF THE STORED WATER QUANTITY WILL BE RELEASED TO THE COLUMBIA RIVER? 100% AF

FOR THE PORTION OF STORED WATER ASSIGNED TO THE STATE, DESCRIBE ANY CONSTRAINTS (HYDRAULIC, DEMAND, ETC) ON THE RELEASE OF THE WATER FOR STATE USE. TBD in feasibility study.

D. TO WHAT EXTENT IS THE PROJECT CONSISTENT WITH, SUPPORTIVE TO, OR CITED IN LOCAL NATURAL RESOURCE PLANS?			
CITATION PROVIDED ✓	PLAN TYPE	PLAN TITLE	PAGE NUMBER OR OTHER CITATION
<input checked="" type="checkbox"/>	WATERSHED PLAN	WRIA 44/50 Watershed Management Plan	Goals: Pg 16,18, 19 Actions: Pg 19
<input checked="" type="checkbox"/>	CONSERVATION DISTRICT	Annual Plan of Work	Page 1
<input checked="" type="checkbox"/>	LEAD ENTITY STRATEGY		2008 Lead Entity Project List
<input type="checkbox"/>	NPCC SUBBASIN PLAN		
<input checked="" type="checkbox"/>	SALMON RECOVERY PLAN	Upper Columbia Salmon Recovery Plan	Implementation Schedule for Mainstem Columbia Tributaries
<input type="checkbox"/>	OTHER RECOVERY PLAN		
<input type="checkbox"/>	COMPREHENSIVE WATER SYSTEM PLAN		
<input type="checkbox"/>	GMA COMPREHENSIVE PLAN		
<input type="checkbox"/>	OTHER PUBLISHED PLAN		
<input type="checkbox"/>	OTHER PUBLISHED PLAN		
E. ATTACH LETTERS OF SUPPORT FROM LOCAL COMMUNITY ENTITIES INVOLVED IN NATURAL RESOURCES. Provide entity type and title, and attach letters to application.			
LETTER PROVIDED ✓	PLANNING ENTITY TYPE	PLANNING ENTITY TITLE	
<input type="checkbox"/>	TRIBE		
<input type="checkbox"/>	COUNTY		
<input checked="" type="checkbox"/>	WATERSHED PLANNING UNIT	Douglas County Watershed Planning Association	
<input type="checkbox"/>	CONSERVATION DISTRICT		
<input type="checkbox"/>	IRRIGATION DISTRICT		
<input checked="" type="checkbox"/>	SALMON RECOVERY LEAD ENTITY	Douglas County Watershed Planning Association	
<input type="checkbox"/>	OTHER PLANNING ENTITY		

F. RESOURCES CURRENTLY COMMITTED TO ENSURE LONG-TERM PERFORMANCE OF THE PROPOSED PROJECT (OPERATION AND MAINTENANCE).

WHO IS RESPONSIBLE FOR LONG-TERM OPERATION AND MAINTENANCE OF THE PROJECT? TBD

HAVE OPERATION AND MAINTENANCE COSTS BEEN IDENTIFIED? YES NO. IF YES, PROVIDE REFERENCE _____

HOW WILL ONGOING OPERATION AND MAINTENANCE COSTS BE FUNDED? TBD

ARE MEASUREMENT DEVICES OTHER THAN DIVERSION SOURCE METERS NECESSARY TO MONITOR COMPLIANCE WITH THE PROJECT INTENT OR PLAN? IF YES, DESCRIBE IN THE BOX BELOW. YES NO

DOES A WATER MEASUREMENT DEVICE EXIST ON THE SOURCE AND DOWNSTREAM OF THE PROPOSED PROJECT? YES NO

IF NO, WILL A WATER MEASUREMENT DEVICE BE INSTALLED AS PART OF THIS PROJECT? YES NO

IF YES, DESCRIBE LOCATION AND OPERATING ENTITY N/A

IF YES, PROVIDE RIVER MILE N/A

WHAT IS THE NEAREST STREAM GAGE DOWNSTREAM OF THE PROPOSED PROJECT? SOURCE NAME N/A

-

RIVER MILE : _____

G. PROPONENT'S READINESS TO PROCEED:

DESCRIBE STATUS OF FEASIBILITY REPORTS, ENGINEERING DESIGN, AND PERMITS. PROVIDE DOCUMENTATION FOR THESE DELIVERABLES AND DESCRIBE THE PROJECT EFFORT TIMELINE AS APPROPRIATE. (SUBMIT TWO (2) COPIES OF ALL REQUIRED DOCUMENTS)

The Foster Creek Conservation District has a preliminary scope of work for feasibility studies and construction cost estimates for water storage at the Foster Coulee and Rock Island Creek sites. Feasibility studies will be completed between July 2009 and July 2010 to prepare for the following fall pre-application grant award cycle for project next steps.

DOES PROJECT PROPONENT OWN THE LAND FOR THE PROPOSED PROJECT? IF NOT, DOES THE PROPONENT HAVE DOCUMENTED ACCESS TO THE RIGHT OF WAY OR OWNS AN EASEMENT TO THE PROPERTY PROPOSED (PLEASE ATTACH APPROPRIATE DOCUMENTATION INCLUDING TITLE REPORTS AS APPLICABLE)

Project proponent, the Foster Creek Conservation District does not own the land but works with private landowners on a voluntary basis. Foster Coulee landowners are Wade King, James and John Seaburg, Victoria Grambo, Dugulla Bay Co LLC, Carl and Doris Malone, and state and federal government. The sole landowner at Rock Island Creek is the Keane Family.

DESIGN/ ENGINEERING STATUS:

- | | | | |
|-----------------------------------|--------------------------|---------|-------|
| PRE-PLANNING (Pre – permitting) | <input type="checkbox"/> | Status: | _____ |
| PRE-DESIGN (DESIGN REPORTS) (10%) | <input type="checkbox"/> | Status: | _____ |
| SCHEMATIC DESIGN (30%) | <input type="checkbox"/> | Status: | _____ |
| DESIGN DEVELOPMENT (75%) | <input type="checkbox"/> | Status: | _____ |
| CONSTRUCTION DOCUMENTS (95%) | <input type="checkbox"/> | Status: | _____ |
| BID DOCUMENTS (Ready for bid) | <input type="checkbox"/> | Status: | _____ |

PERMIT STATUS

- | | | | |
|--------------------------------------|--------------------------|---------|-------|
| SEPA | <input type="checkbox"/> | Status: | _____ |
| 401 | <input type="checkbox"/> | Status: | _____ |
| FISH AND WILDLIFE CONSULTATION | <input type="checkbox"/> | Status: | _____ |
| STORAGE AND /OR SECONDARY USE PERMIT | <input type="checkbox"/> | Status: | _____ |
| OTHER (_____) | <input type="checkbox"/> | Status: | _____ |
| OTHER (_____) | <input type="checkbox"/> | Status: | _____ |
| OTHER (_____) | <input type="checkbox"/> | Status: | _____ |

4. SIGNATURES

I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I am hereby granting staff from the Department of Ecology access to the above site(s) for inspection and monitoring purposes. If assisted in the preparation of the above application, I understand that all responsibility for the accuracy of the information rests with me. I also understand that I may rescind this application at any time prior to signing the Agreement with no other obligations or requirements.

_____/_____/_____
(Applicant/ Grant Recipient) (Date)

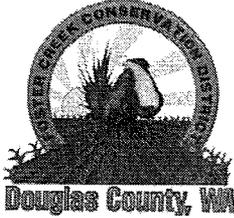
_____/_____/_____
(Water Right Holder) (Date)

_____/_____/_____
(Land Owner(s) of Existing Place of Use) (Date)

For More Information

Contact: Alvin Josephy
Voice: (360) 407-6456
Email: ajos461@ecy.wa.gov
Web: <http://www.ecy.wa.gov/programs/wr/cwp/crwmp.html>

If you need this document in an alternate format, please call the Water Resources Program at 360-407-6600. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.



Foster Creek Conservation District

P.O. Box 428 • Waterville, WA 98858-0428 • Telephone 509-745-8362
Fax: 509-745-8758 • E-mail: fostercreek@wa.nacdn.net.org

March 25, 2008

Department of Ecology
Water Resource Program
PO Box 47600
Olympia, WA 98504-7600

Department of Ecology,

On behalf of the Douglas County Watershed Planning Association, this letter is in support of the following proposals submitted to the Columbia River Basin Water Management Program (CRBWMP):

- **WRIA 44-50 Surface Water Storage Feasibility Study**
Foster Coulee and Rock Island Creek
- **WRIA 44-50 Aquifer Water Storage Feasibility Study**
Lower Moses Coulee

As stated in the *WRIA 44-50 Moses Coulee and Foster Watershed Management Plan*, it is the goal of the Douglas County Watershed Planning Association to provide a balanced water supply by location and timing for all users to sustain healthy communities. These users include agriculture; commercial, residential, and industrial development; recreation and tourism; and fish and wildlife.

Several goals and recommended actions were stated in the watershed management plan applicable to water storage including pursuing potential water storage projects, considering impacts of global climate variability and change on water resources, and developing and assessing recommendations for water use proposals on the Columbia River.

The water storage goals and actions in the watershed management plan are harmonious with intent of the Columbia River Basin Water Management Program and RCW 90.90.020 directing the Department of Ecology to develop water supplies to provide additional water supply to meet forecasted growth and unmet water needs in the Columbia River Basin.

In 2007, the watershed planning association identified locations of opportunity and worked with consultants to develop a scope of work for assessing the feasibility of

water storage at the Foster Coulee, Rock Island Creek, and Lower Moses Coulee. At the September 25, 2007 meeting of the watershed planning association, the association directed the Foster Creek Conservation District to develop and submit these water storage feasibility study proposals to the first grant cycle of the Columbia River Basin Water Management Program (CRBWMP).

These proposals have been developed through the continued involvement and dedication of the Douglas County Watershed Planning Association in the planning and implementation of actions to protect and provide for the wise use of water resources in WRIA 44-50. A list of stakeholder organizations and representatives on the watershed planning association is attached.

Sincerely,

A handwritten signature in cursive script that reads "Kathleen Deason".

Kathleen Deason
Watershed Manager
Foster Creek Conservation District*

**The Douglas County Watershed Association is administered and facilitated by the Foster Creek Conservation District.*

Douglas County Watershed Planning Association Stakeholders Members

LOCAL GOVERNMENTS

Douglas County Board of Commissioners*- Mary Hunt
City of Bridgeport*- Chuck Jones
E. Wenatchee Water District*- Greg Brizendine, Mike McCourt-alt.
Bridgeport Irrigation District #1*- Ralph Socci
Palisades Irrigation District- Steve King
City of Wenatchee- Water Resources Dept.- Jessica Shaw

LOCAL COMMUNITIES:

Douglas County Regional Planning Commission- Lee Hemmer
Foster Creek Conservation District**- Allen Miller
South Douglas Conservation District- Carol Cowling, Neil Irmer
Palisades School District- Dave Billingsley
Bridgeport School District- Calvin Stark

FEDERAL GOVERNMENT:

Bureau of Land Management- Angela Link, Dana Peterson-alt.
Natural Resources Conservation Service- Mark Bareither

STATE GOVERNMENT:

State Agency Caucus- Rusty Post, Department of Ecology***; Mark Cookson,
Department of Fish & Wildlife; Brent Billingsley, Department of Natural Resources

ENVIRONMENTAL & CONSERVATION GROUPS:

The Nature Conservancy of Washington, Chuck Warner.

AGRICULTURE, HORTICULTURE & ECONOMIC DEVELOPMENT GROUPS:

Douglas County Cattlemen-Sid Viebrock, Jeff Keane- alt.
Chelan/Douglas County Farm Bureau- Britt Dudek
Douglas County Wheatgrowers- Joe Sprauer

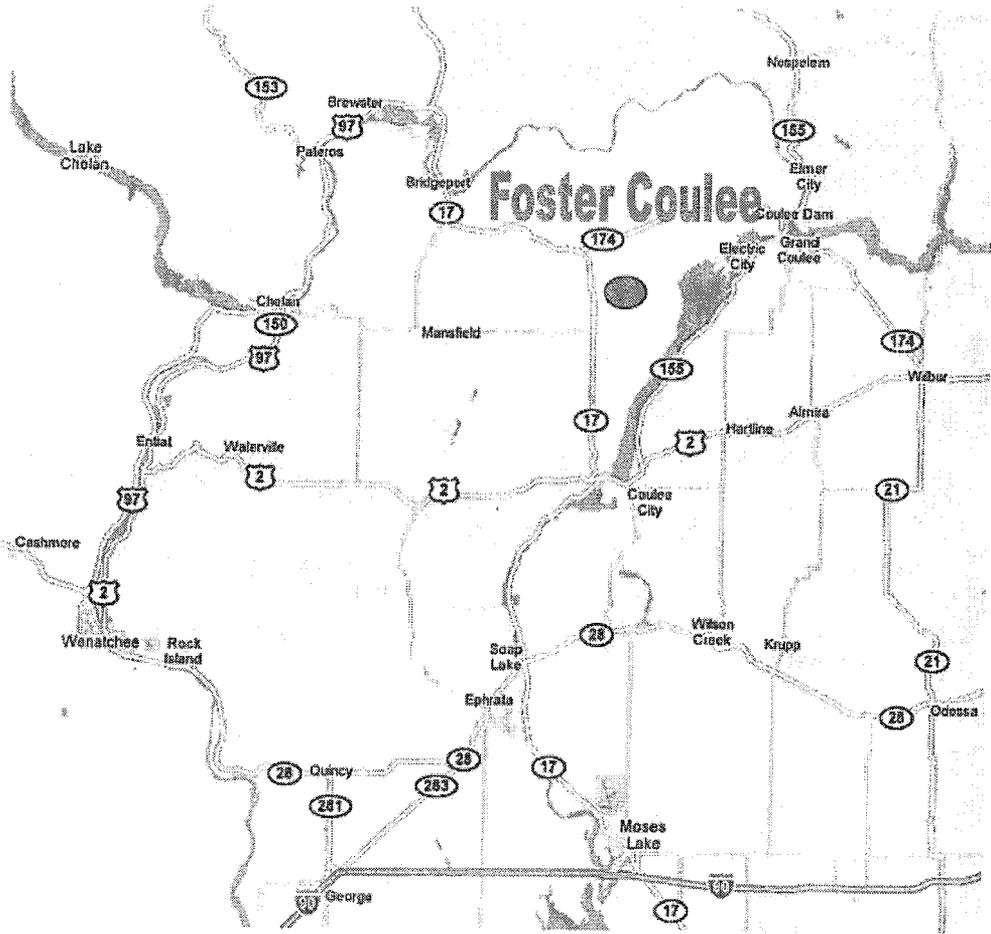
CITIZEN'S AT LARGE:

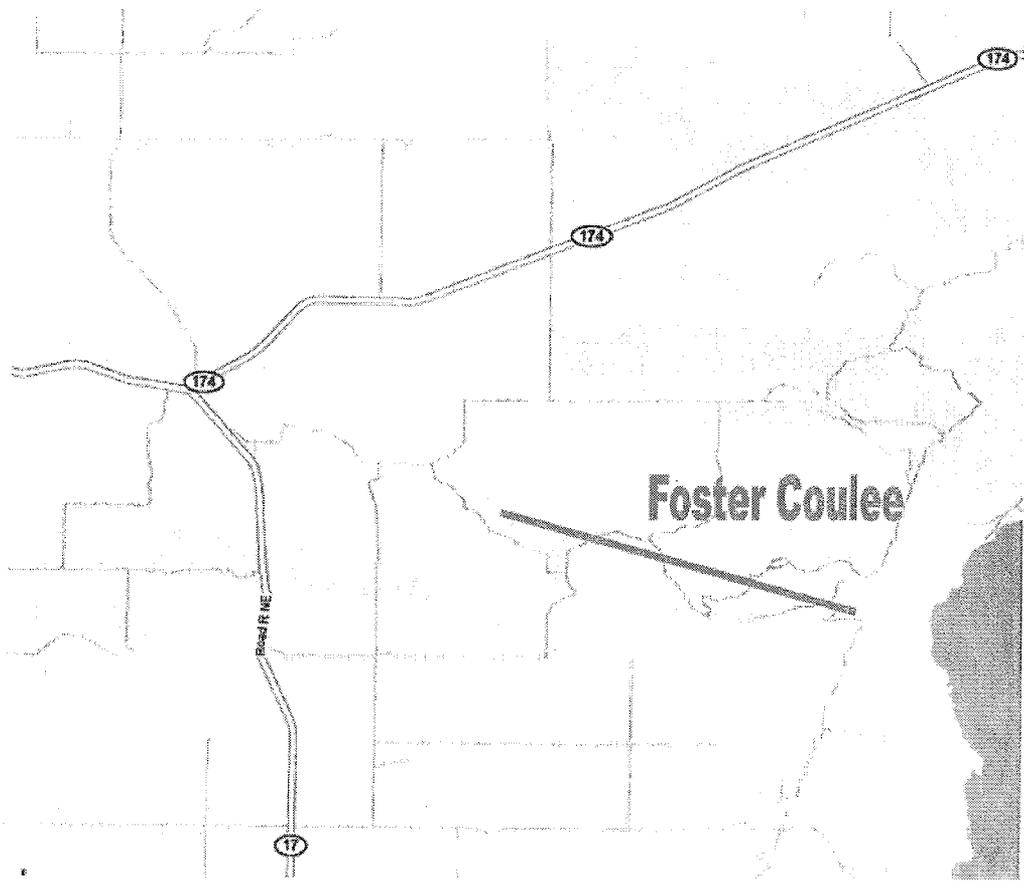
Otto Ross, Orondo
Sally Kane, Orondo
Jim Egbert, Mansfield
Lee James Hanford, Bridgeport
Jack Linville, Palisades

*Initiating Governments for watershed planning in WRIAs 44 & 50

**Lead Entity for watershed planning in WRIAs 44 & 50

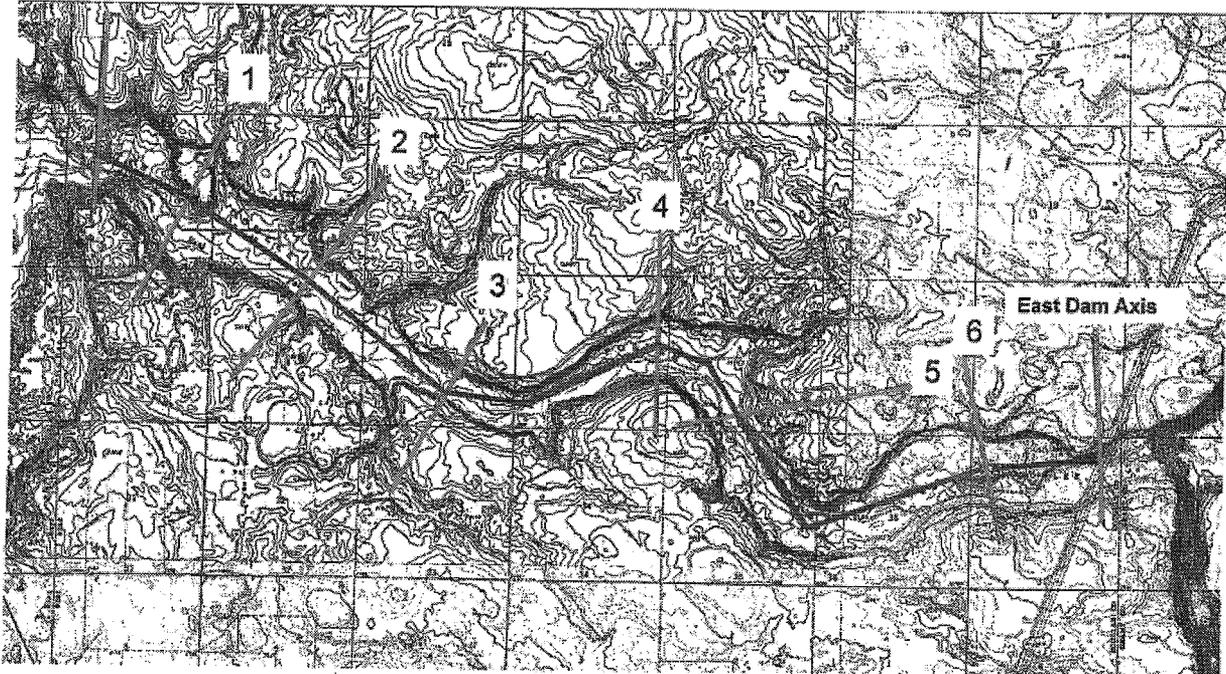
***Lead agency for state caucus of natural resource departments





Option One - Full Length of Coulee

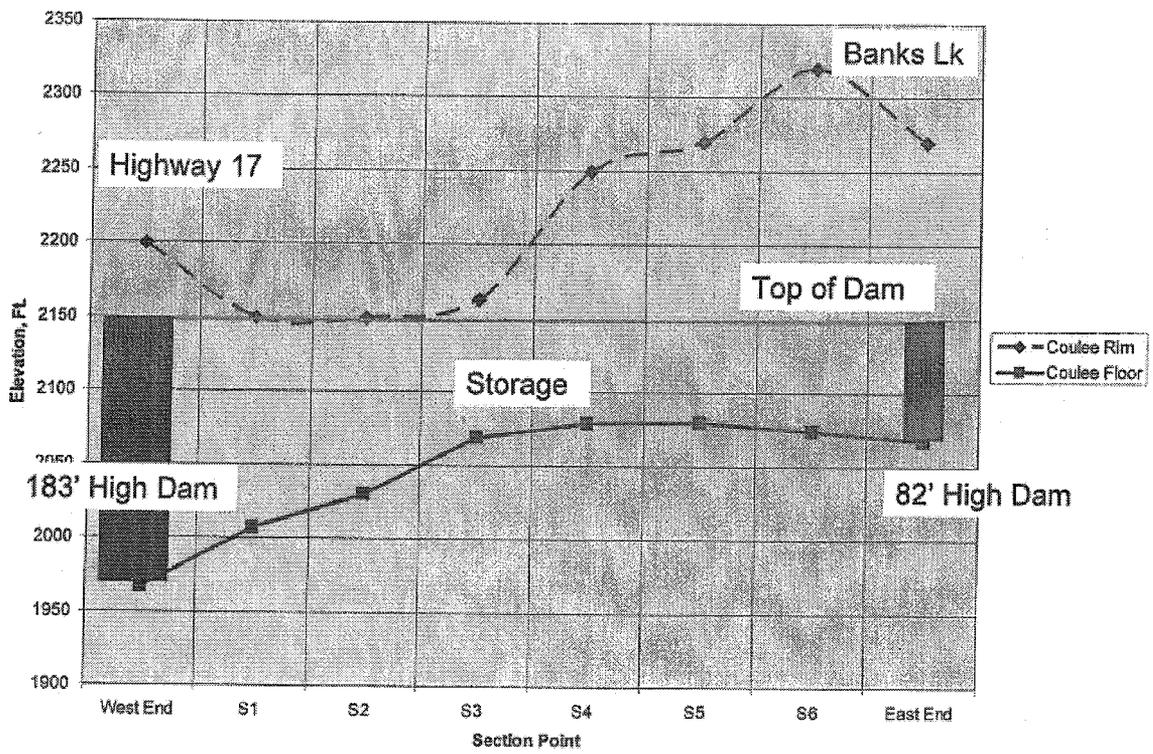
West Dam Axis



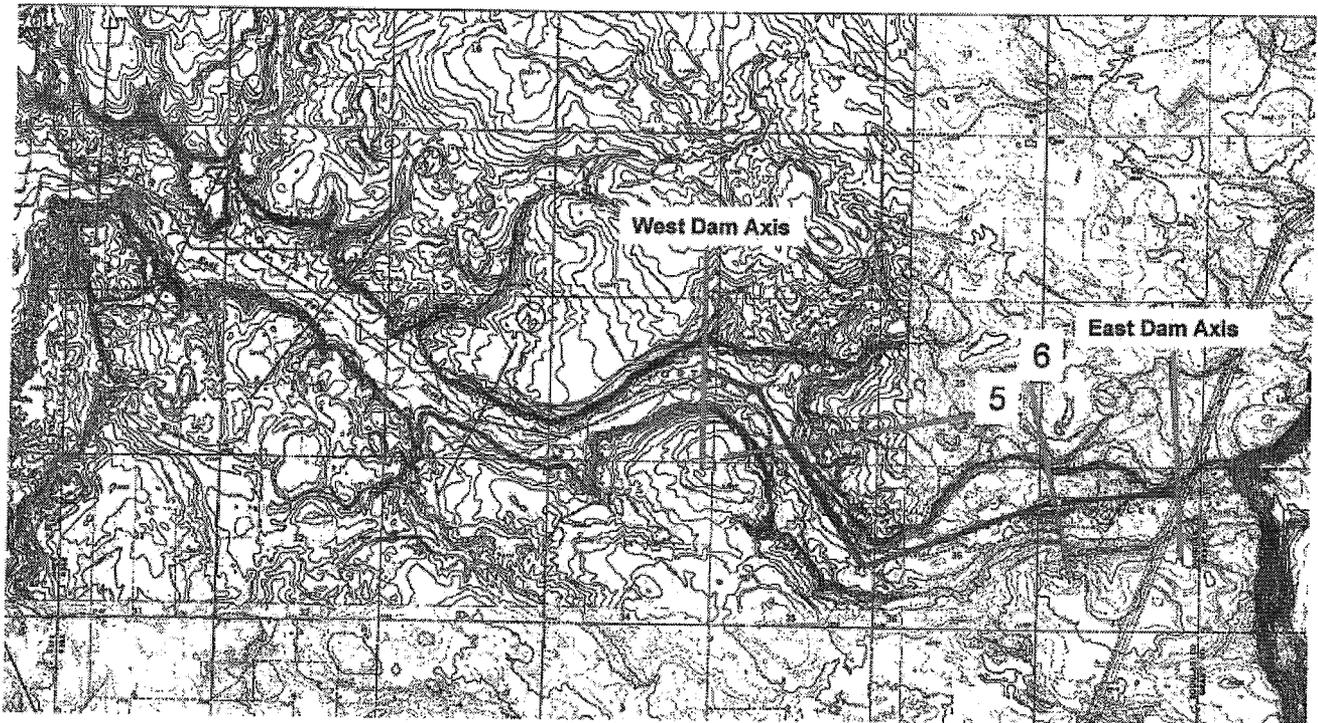
East Dam Axis

Foster Coulee

Option One - Two Low Dams

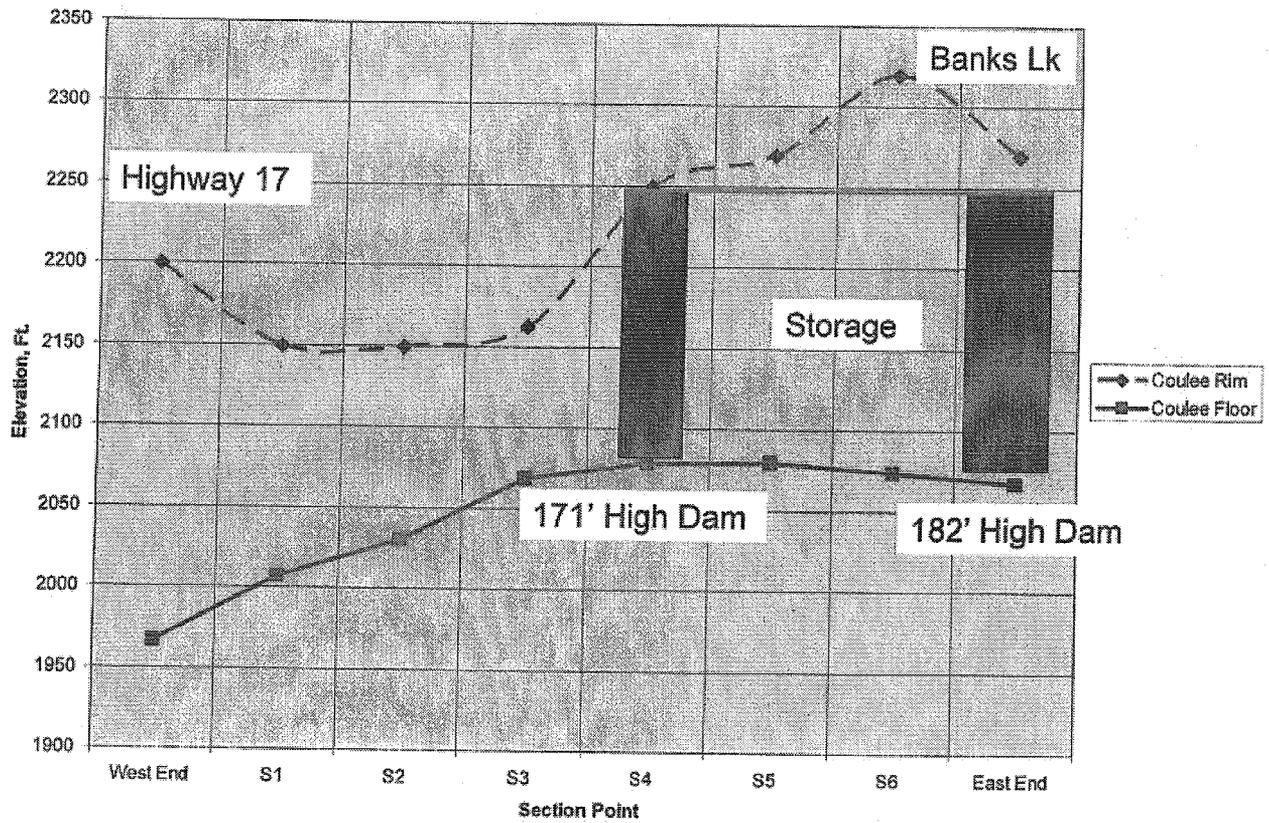


Option Two - Storage at East End of Coulee

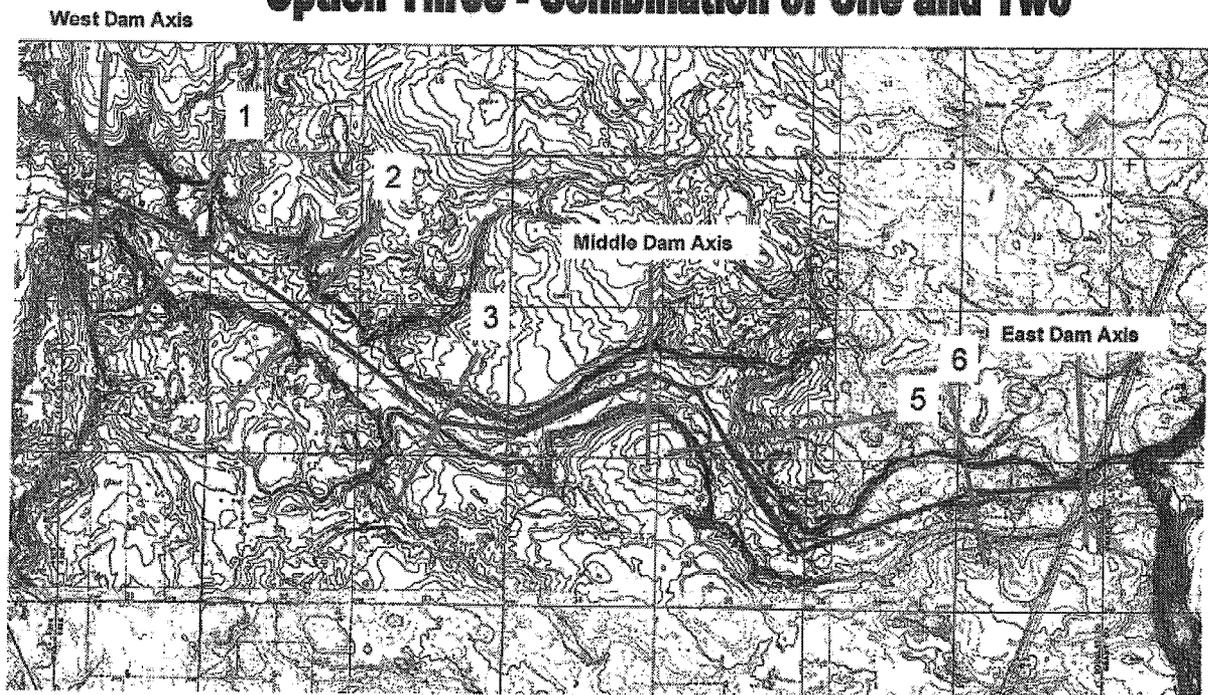


Foster Coulee

Option Two - Two High Dams

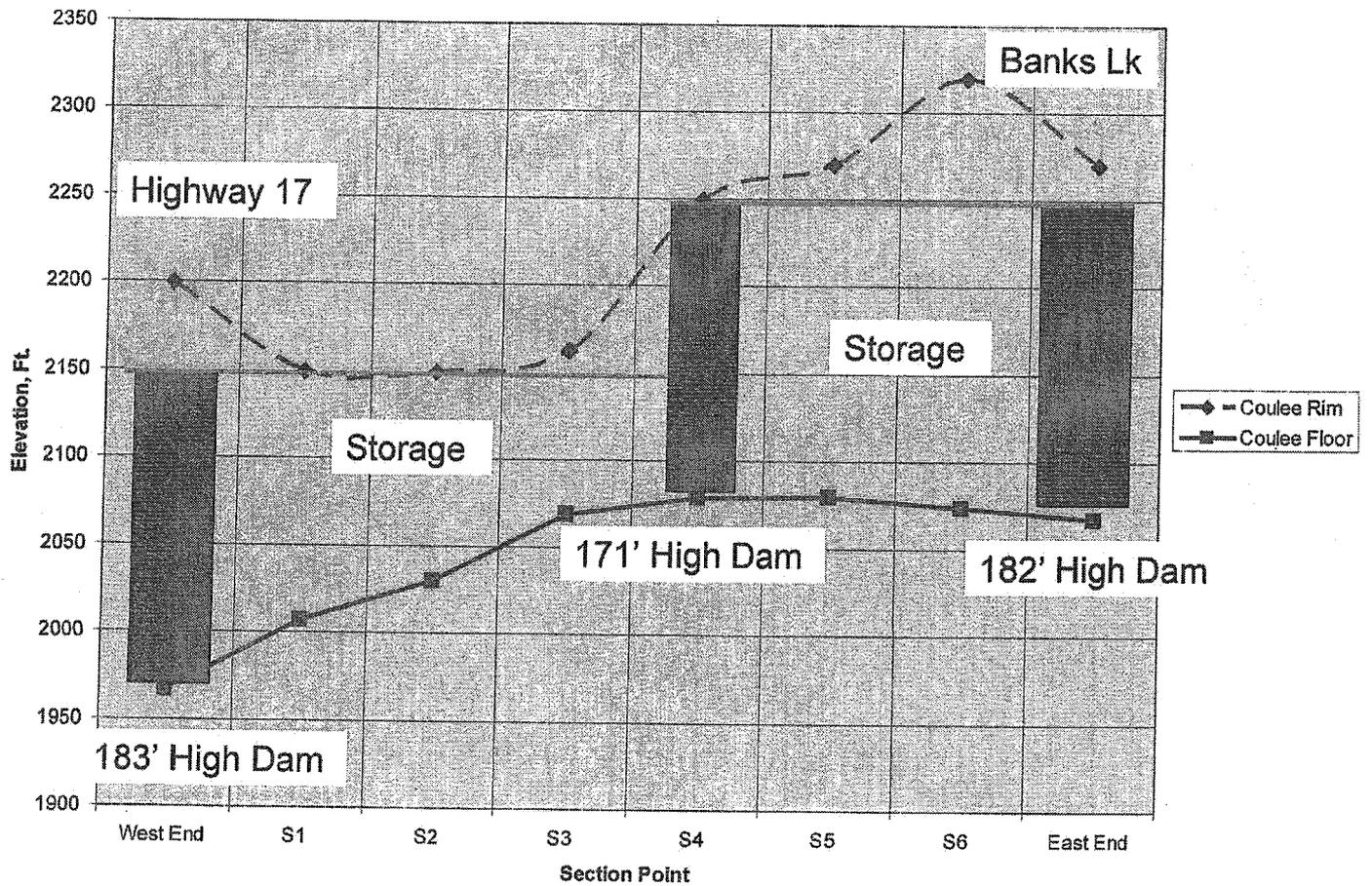


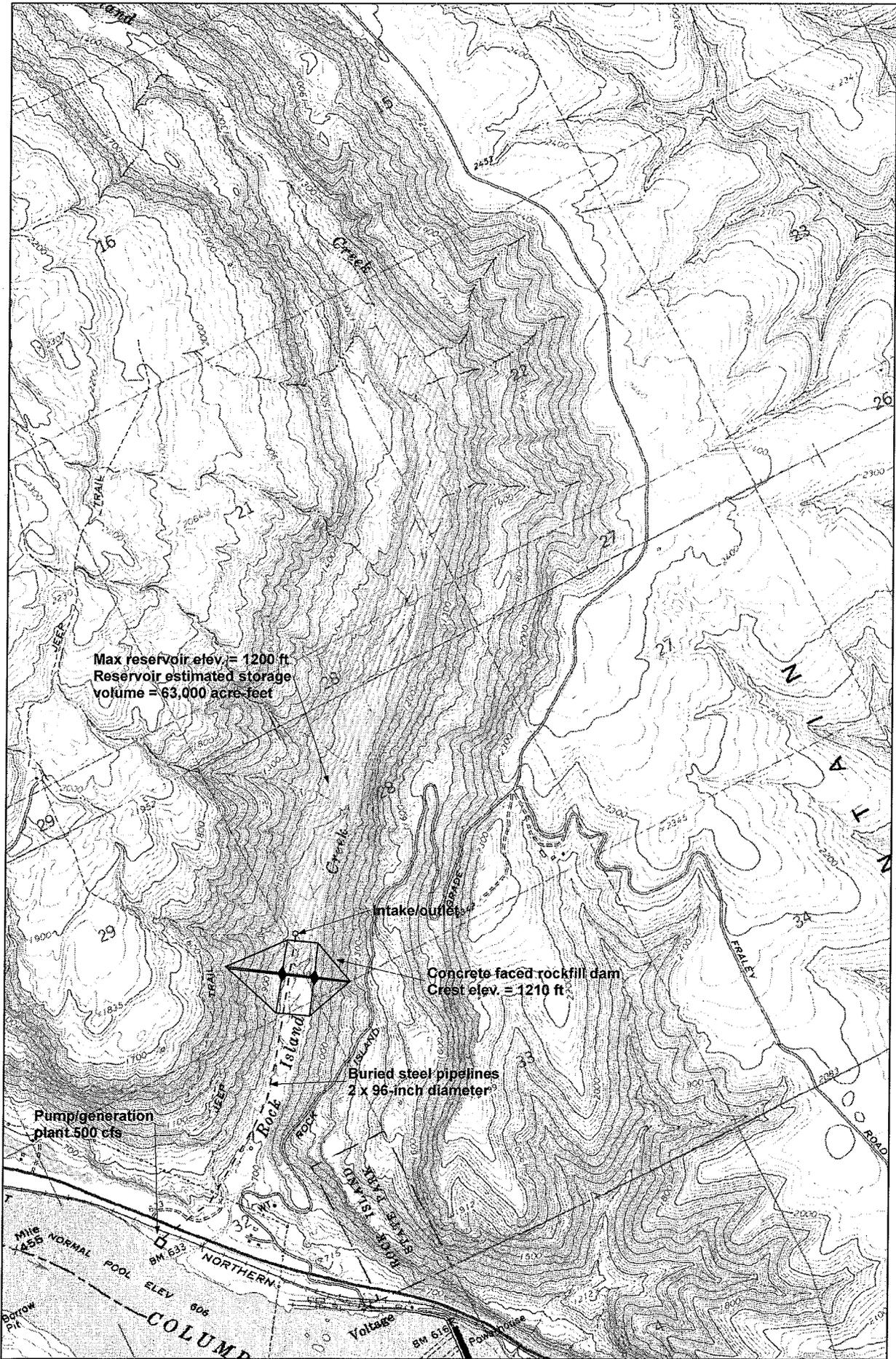
Option Three - Combination of One and Two



Foster Coulee

Option Three - Two High Dams, One Low Dam





Foster Creek Conservation District - Potential Rock Island Reservoir

Item	Units	Quantity	Unit Cost	Cost
<i>Dam and Reservoir Site</i>				
Diversion and care of water	LS	1	\$50,000.00	\$50,000
Temporary & permanent access	LS	1	\$100,000.00	\$100,000
Clearing and grubbing	AC	700.0	\$1,000.00	\$700,000
<i>Earthwork for Pipeline</i>				
Trench Excavation and stockpile, soil	CY	35,000	\$6.00	\$210,000
Trench Excavation and stockpile, rock	CY	35,000	\$25.00	\$875,000
Special crossing (Hwy)	LS	1	\$200,000.00	\$200,000
Pipe trench backfill (imported material)	CY	23,000	\$12.00	\$276,000
Pipe trench backfill (with excavated material)	CY	23,000	\$6.00	\$138,000
Disposal of excess material	CY	45,000	\$4.00	\$180,000
<i>Pipeline & Pump Station</i>				
96" steel pipe--12,000 LF	LB	3,067,830	\$2.00	\$6,135,660
Pump/generation station	LS	1	\$50,000,000	\$50,000,000
Concrete blocking for pipeline	CY	2,300	\$500.00	\$1,150,000
<i>Dam Construction</i>				
Rock Fill	CY	1,300,000	\$20.00	\$26,000,000
Concrete Facing	CY	26,000	\$500.00	\$13,000,000
Inlet/Outlet Structure	LS	1	\$1,000,000	\$1,000,000
Foundation Exc and Treatment	CY	300,000	\$25.00	\$7,500,000
Subtotal				\$107,515,000
Mobilization / Demobilization (5% of subtotal)				\$5,375,750
Unlisted Items (15% of subtotal)				\$16,127,250
Contingency (25%)				\$33,867,225
Total of Field Items				\$162,885,225
Engineering, design & construction management (15%)				\$24,432,784
Tax (8.0%)				\$13,030,818
Est. Land Acquisition Cost	AC.	700.0	\$5,000.00	\$3,500,000
Preliminary Construction Cost Estimate				\$203,849,000