Mr. Chairman and members of the Committee, thank you for the opportunity for the Sierra Club to provide testimony on HB 1196. This bill concerns the controversial Yakima River Basin Integrated Plan. There are elements of the Yakima Plan such as habitat conservation and enhancement, agricultural and municipal and domestic water conservation, and water banking that the Sierra Club could support, and other elements such as fish passage, aquifer storage, the Kachess inactive storage, and Keechelus to Kachess Conveyance that may be supported after additional and thorough environmental review. Overall, however, the Sierra Club is opposed to passage of this version of HB 1196, because the Yakima Plan did not comply with Federal and state laws, supports the construction of new irrigation dams with adverse environmental impacts that have been shown to be uneconomical, and proposes new National Recreation Areas on National Forest lands dedicated to off-road vehicle use for motorcycles, 4x4s, ATVs, and snowmobiles. See Attachment for specific HB 1196 language concerns.

The adoption of the Yakima River Basin Integrated Plan by the Department of Ecology (Ecology) and Bureau of Reclamation (Bureau) developed by a Yakima Workgroup has fatal flaws.

In an August 2012 op-ed in the Ellensburg (WA) Daily Record, Charlie de la Chappelle, vice-chair of the Yakima Basin Storage Alliance in Yakima (YBSA is a Yakima Workgroup member) and Marlin Rechtermann, vice president of the Kittitas Audubon Society, detailed the procedural failures in the Bureau and Ecology Yakima process:

* limited Workgroup membership;
* closure of the Workgroup implementation subcommittee meetings to the public and other Workgroup members, such as the YBSA;
* preparation of a $20 million “Early Action Implementation Request” prior to release of the Draft Programmatic Environmental Impact Statement (DPEIS);
* lack of a range of alternatives in the DPEIS;
* Bureau and Ecology’s denial of a request from 11 local, state, and national organizations for a DPEIS comment-period extension;
* after the close of comments on the DPEIS, the inclusion in the Final Programmatic EIS (FPEIS) of the new proposal for NRAs within the Okanogan-Wenatchee National Forest, based on a Workgroup plan for more than 40,000 acres dedicated to off-road vehicle (ORV) use; and
* failure to respond to 15 local, state and national organizations’ March 2012 comment letter on the FPEIS.

In addition, the Bureau and Ecology received more than 1,500 comments on the DPEIS from citizens around the country objecting to the Yakima integrated plan. See:
http://www.washington.sierraclub.org/uppercol/ucr/yakima/media/Entries/2012/8/9_Guest_column__Yakima_plan_flawed_from_the_start.html

Since the mid-1970s, millions of Washington taxpayer dollars spent on proposed new dams studies. The Department of Ecology, in particular, is moving from an agency charged with preventing land, air and water pollution to spending millions on dam studies such as the Black Rock project east of Yakima, http://columbia-institute.org/blackrock/backrock/Home.html

the Crab Creek dam, west of Othello, http://www.waterplanet.ws/crabcreek/ccrhome/Home.html


Each of these proposed dams would have adverse environmental impacts. For example, the Black Rock project was opposed by the U.S. Department of Energy because of concerns of reservoir water seepage through the Hanford Nuclear Reservation.

Approximately 19,000 acres within the Lower Crab Creek watershed is designated as part of the Colombia National Wildlife Refuge or the Washington State Lower Crab Creek Wildlife Area, which is managed cooperatively by the U.S. Fish & Wildlife Service and the Washington Dep’t of Fish & Wildlife.

Ecology is now asking the Legislature to rubberstamp approval of two specific dam proposals, a new Bumping Lake dam within the Wenatchee-Okanogan National Forest, and a Wymer Dam between Ellensburg and Yakima. The Green Scissors Campaign, a national coalition, identified both the proposed Bumping and Wymer dams in its 2012 report as wasteful government projects that should not be funded in the Federal Budget. See: http://greenscissors.com/wp-content/uploads/2012/06/GS2012-v7E.pdf

Before handing over more taxpayer dollars to the Department of Ecology to waste on dam studies, the Committee should ask Ecology some hard questions:

Q. How much has Ecology spent on new dam studies in the Columbia River Basin since 2006?

Q. Does Ecology intend to spend any of the Columbia River Basin water supply development account on pump-storage/wind power related studies to provide water from the Columbia River to the Yakima River?

Q. What is Ecology’s policy regarding interbasin transfer of water from the Columbia River to the Yakima River?

We have provided more detailed comments below on specific sections of HB 1196. In summary, the request bill from Ecology should not be passed in its current form. Thank you.
The following are detailed Sierra Club comments on specific sections of HB 1196.

7 Sec. 1. RCW 90.38.005 and 1989 c 429 s 1 are each amended to read 8 as follows:
9 (1) The legislature finds that:
10 (a) Under present physical conditions in the Yakima river basin
11 there is an insufficient supply of ground and surface water to satisfy
12 the present needs of the basin, and that the general health, welfare,
13 and safety of the people of the Yakima river basin depend upon the
14 conservation, management, development, and optimum use of all the
15 basin's water resources;

*Sec. 1(1)(a) should be amended as follows.

(1) The legislature finds that:
(a) Under present physical conditions in the Yakima river basin
surface water has been over-appropriated, while water conservation and water banking opportunities remain to be
implemented, there is an insufficient supply of ground and surface water to satisfy the present needs of the basin,
and that the general health, welfare, and safety of the people of the Yakima river basin depend upon the
conservation, management, development, and optimum use of all the basin's water resources;

Comment: The Legislature should recognize that the Yakima river basin are overallocated and that there are
significant water conservation and water banking opportunities.

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16 (b) ((Pursuant to P.L. 96-162,)) The future competition for water
17 among municipal, domestic, industrial, agricultural, and instream water
18 interests in the Yakima river basin will be intensified by continued
19 population growth, and by changes in climate and precipitation
1 anticipated to reduce the basin's snow pack and thereby reduce the
2 total water supply available to existing water users, instream flows,
3 and carryover storage;

* Sec. 1(1)(b) should be amended as follows.

(b) ((Pursuant to P.L. 96-162,)) The future competition for water among municipal, domestic, industrial,
agricultural, and instream water interests in the Yakima river basin may will be intensified by continued
population growth, and by changes in climate and precipitation anticipated to reduce the basin's snow pack and
thereby reduce the total water supply available to existing water users, instream flows, and carryover storage;

Comment: Climate change predictions for the Pacific Northwest vary in scope. Both the new Bumping Lake dam
and Wymer dam can be considered insurance dams. In 2012, there was an above average Cascade snowpack and
there would have been no need to supplement irrigation demands from these dams had they been built.

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4 (c) To address the challenges described in this subsection,
5 congress has enacted several bills to promote Yakima river basin water
6 enhancement, each of which was urged for enactment by this state, the
7 United States ((is now conducting)) has completed a study of ways to
8 provide needed waters through improvements of the federal water project
9 presently existing in the Yakima river basin, and federal, tribal,
10 state, and local cooperators have developed an integrated water
11 resource management plan for improving water supply, habitat, and
12 stream flow conditions in the Yakima river basin;

* Sec. 1(1)(c) should be deleted.

4 (c) To address the challenges described in this subsection, Congress has enacted several bills to promote Yakima river basin water enhancement, each of which was urged for enactment by this state, the United States ((is now conducting)) has completed a study of ways to provide needed waters through improvements of the federal water project presently existing in the Yakima river basin, and federal, tribal, state, and local cooperators have developed an integrated water resource management plan for improving water supply, habitat, and stream flow conditions in the Yakima river basin;

Comment: The United States has not completed the study on the Yakima Basin. Significant site specific environmental review is required and many elements of the Yakima Plan remain conceptual.

20 ((c))) (e) The interests of the state will be served by developing programs, in cooperation with the United States and the various water users in the basin, that increase the overall ability to manage basin waters in order to better satisfy both present and future needs for water in the Yakima river basin; and

* Sec. 1(1)(e) should be amended as follows:

((c))) (e) The interests of the state will be served by developing programs, in cooperation with the United States and the various water users in the basin, that promote water conservation and water banking to increase the overall ability to manage basin waters in order to better reduce satisfy both present and future demands for water in the Yakima river basin; and

Comment: There is a need to reduce demands, not “needs” in the Yakima river basin. Instream flows also need to be increased and are not normally considered a water “user.”

32 (2) It is the purpose of this chapter, consistent with these findings, to:

(a) Improve the ability of the state to work with the United States and various water users of the Yakima river basin in a program designed to more equitably balance water demands in the basin; and satisfy both existing rights, and other presently unmet as well as future needs of the basin; and

* Section1(2)(a) should be amended as follows:

(2) It is the purpose of this chapter, consistent with these findings, to:

(a) Improve the ability of the state to work with the United States and various water interests of the Yakima river basin in a program designed to more equitably balance water demands in the basin; and satisfy both existing rights, and other presently unmet as well as future needs of the basin; and

Comment: Not all water interests are water “users.” There is a difference between water “needs” and water “demands.” A demand for water is not the same as a need for water.
1 (b) Establish legislative intent to promote timely and effective
2 implementation of the integrated plan in the Yakima river basin, and to
3 promote the aggressive pursuit of water supply solutions that provide
4 concurrent benefits to both instream and out-of-stream uses in the
5 Yakima river basin as rapidly as possible.

* Section 1(2)(b) should be amended as follows:

(b) Establish legislative intent to promote timely and effective implementation of cost-effective measures, the integrated plan in the Yakima river basin, and to promote the aggressive pursuit of cost-effective water supply solutions that provide concurrent benefits to both instream and out-of-stream uses in the Yakima river basin as rapidly as possible.

Comment: Measures that are not cost-effect should not be implemented.

8 Sec. 2. RCW 90.38.010 and 1989 c 429 s 2 are each amended to read
9 as follows:
10 ((Unless the context clearly requires otherwise,)) The definitions
11 in this section apply throughout this chapter unless the context
12 clearly requires otherwise.
13
14 (2) "Integrated plan" means the Yakima river basin integrated water
15 resource management plan developed through a consensus-based approach
16 by a diverse work group of representatives of the Yakama Nation,
17 federal, state, county, and city governments, environmental
18 organizations, and irrigation districts and for which the final
19 programmatic environmental impact statement was made available for
20 review through public notice published in the federal register (77 FR
21 21 12076 (2012)).

* Section 2(2) should be amended as follows:

(2) "Integrated plan" means the Yakima river basin integrated water resource management plan developed through a consensus-based approach by a limited diverse work group of representatives of the Yakama Nation, federal, state, county, and city governments, one environmental organizations, and irrigation districts and for which the final programmatic environmental impact statement was made available for review through public notice published in the federal register (77 FR 21 12076 (2012)).

Comment: The work group was extremely limited in scope, did not comply with the Federal Advisory Committee Act, and had only a single environmental organization representative, not organizations.

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11 NEW SECTION. Sec. 3. A new section is added to chapter 90.38 RCW
12 to read as follows:
13 The department is authorized to implement the integrated water
14 resource management plan in the Yakima river basin, through a
15 coordinated effort of affected federal, state, and local agencies and
16 resources, to develop water supply solutions that provide concurrent
17 benefits to both instream and out-of-stream uses, and to address a
18 variety of water resource and ecosystem problems affecting fish
19 passage, habitat functions, and agricultural, municipal, and domestic
20 water supply in the Yakima river basin, consistent with the integrated
21 plan.

* Section 3 should be amended as follows:
NEW SECTION. Sec. 3. A new section is added to chapter 90.38 RCW to read as follows:

The department is authorized to implement the integrated water resource management plan in the Yakima river basin, through a coordinated effort of affected federal, state, and local agencies and resources, to develop cost-effective water supply solutions that provide concurrent benefits to both instream and out-of-stream uses, and to address a variety of water resource and ecosystem problems affecting fish passage, habitat functions, and agricultural, municipal, and domestic water supply in the Yakima river basin, consistent with the integrated plan.

Comment: In the past the Department of Ecology and the Bureau have proposed and studied projects that are not cost effective. In 2008, the Bureau evaluated two versions of a new Wymer dam project between Ellensburg and Yakima and a proposed Black Rock dam project east of Yakima:

- **Black Rock Alternative** – The benefit-cost ratio is 0.13. [Black Rock Dam involves a diversion and partial exchange of Columbia River water for Yakima Project water currently diverted by the Roza and Sunnyside Divisions (Roza and Sunnyside) of the Yakima Project for irrigation. Roza and Sunnyside have been identified as potential willing water. Columbia River water pumped from Priest Rapids Lake would be stored in a Black Rock reservoir to be constructed in the Black Rock Valley.]
- **Wymer Dam and Reservoir Alternative** – The benefit-cost ratio is 0.31.
- **Wymer Dam Plus Yakima River Pump Exchange Alternative** – The benefit-cost ratio is 0.07.” BuRec Final Report/EIS, pages 2-43, 2-127.

http://www.washington.sierraclub.org/uppercol/ucr/yakima/water_overview.html

22 (1) Authorized department actions include, but are not limited to:

- ... 
- 25 (b) Assessing, planning, and developing projects under the Yakima river basin integrated water resource management plan, or for any other action designed to provide access to new water supplies within the Yakima river basin, consistent with the integrated plan and including but not limited to: Enhanced water conservation and efficiency measures, water reallocation markets, in-basin surface and groundwater storage facilities, fish passage at existing in-basin reservoirs, structural and operational modifications to existing facilities, habitat protection and restoration, and general watershed enhancements as necessary to implement the objectives of this chapter and the integrated plan; and

* Section 3(1)(b) should be amended as follows:

(b) Assessing, planning, and developing projects under the Yakima river basin integrated water resource management plan, or for any other action designed to provide access to new water supplies within the Yakima river basin, consistent with the integrated plan and including but not limited to: Enhanced water conservation and efficiency measures, water reallocation markets, in-basin surface and groundwater storage facilities, fish passage at existing in-basin reservoirs, structural and operational modifications to existing facilities, habitat protection and restoration, and general watershed enhancements as necessary to implement the objectives of this chapter and the integrated plan; and

Comment: New storage dams remain extremely controversial elements of the Yakima Plan. The proposed Bumping Lake dam would flood National Forest roadless area, ancient forests, and critical areas for endangered Northern Spotted Owls and bull trout. The proposed Wymer project would flood private land and critical areas for sage grouse. Because of these adverse environmental impacts, as noted above, the BuRec and Ecology received more than 1,500 comments on the DPEIS from citizens around the country objecting to the Yakima integrated plan primarily in opposition to new dams. See:
In addition, the Yakima Plan adopted a controversial proposal to require new National Recreation Areas within the Wenatchee-Okanogan National Forest that dedicated 41,000 acres of public land to off-road vehicle use by motorcycles, 4x4s, ATVs, and snowmobiles. The Legislature should insist that habitat protection be a benchmark of any and use changes in the Yakima River Basin.

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4 (2) Consistent with the integrated plan, the goals and objectives of department actions authorized under this chapter include, but are not limited to:

13 (b) Improved water availability and reliability, and improved efficiency of water delivery and use, to enhance basin water supplies for agricultural irrigation, municipal, commercial, industrial, domestic, and environmental water uses;

* Section 3(2)(b) should be amended as follows:

(2) Consistent with the integrated plan, the goals and objectives of department actions authorized under this chapter include, but are not limited to:

(b) Improved water availability and reliability, and improved efficiency of water delivery and use, to enhance basin water supplies for agricultural irrigation, municipal, commercial, industrial, domestic, and environmental water uses, including instream flows:

Comment: Instream flows should be specified.

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17 (c) Establishment of more efficient water markets and more effective operational and structural changes to manage variability of water supplies and to prepare for the uncertainties of climate change, including but not limited to the facilitation of water banking, water right transfers, dry year options, the voluntary sale and lease of land, water, or water rights from any entity or individual willing to limit or forego water use on a temporary or permanent basis, and any other innovative water allocation tools used to maximize the utility of existing Yakima river basin water supplies, as long as the establishment and use of these tools is consistent with the integrated plan.

* Section 3(2)(c) should be amended as follows:

Ecology shall set a goal of 50,000 acre-feet of water transfers during any drought year declared by the Legislature through 2016 and a goal of 100,000 acre-feet of water transfers during drought year declared by the Legislature after 2017.

Comment: While this section outlines elements of a water bank or water transfer system. There is no assurance that any water transfers would ever be accomplished. The Legislature should add benchmarks for achieving the above water transfers goals.

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* Section 3(3) should be deleted.

28 (3) Water supplies secured through the development of new storage facilities or expansion of existing storage facilities made possible
30 with funding from the Yakima integrated plan implementation account.
31 the Yakima integrated plan implementation taxable bond account, and the
32 Yakima integrated plan implementation revenue recovery account must be
33 allocated for out-of-stream uses and to augment instream flows
34 consistent with the Yakima river basin integrated water resource
35 management plan. Water to be made available to benefit out-of-stream
36 uses under this subsection, but not yet appropriated, must be
37 temporarily available to augment instream flows to the extent that it
1 does not impair existing water rights and is consistent with the
2 integrated plan.

Comment: As noted above, new dams remain extremely controversial, especially when water conservation and
water banking has yet to be fully funded or implemented. The basin’s junior irrigation districts now claim that they
can get by with 70 percent of their allotment in drought years. This same reduction should apply to senior irrigation
districts as well, which would help reduce the “demand” for new costly storage dams.

3 NEW SECTION. Sec. 4. A new section is added to chapter 90.38 RCW
4 to read as follows:
5 (1) The Yakima integrated plan implementation account is created in
6 the state treasury. All receipts from direct appropriations from the
7 legislature, moneys directed to the account pursuant to this chapter,
8 or moneys directed to the account from any other sources must be
9 deposited in the account. The account is intended to fund projects
10 using tax exempt bonds. Moneys in the account may be spent only after
11 appropriation. Expenditures from the account may be used only as
12 provided in this section. Interest earned by deposits in the account
13 will be retained in the account.

14 (2) Expenditures from the account created in this section may be
15 used to assess, plan, and develop projects under the Yakima river basin
16 integrated water resource management plan or for any other actions
17 designed to provide access to new water supplies within the Yakima
18 river basin for both instream and out-of-stream uses, consistent with
19 the integrated plan and the authorities, goals, and objectives set
20 forth in section 3 of this act.

* Section 4(2) should be amended as follows:

NEW SECTION. Sec. 4. A new section is added to chapter 90.38 RCW
to read as follows:
(1) The Yakima integrated plan implementation account is created in the state treasury. All receipts from direct
appropriations from the legislature, moneys directed to the account pursuant to this chapter, or moneys directed to
the account from any other sources must be deposited in the account. The account is intended to fund projects
using tax exempt bonds. Moneys in the account may be spent only after appropriation. Expenditures from the
account may be used only as provided in this section. Interest earned by deposits in the account will be retained in
the account.

(2) Expenditures from the account created in this section may be used to assess, plan, and develop projects under the
Yakima river basin integrated water resource management plan or for any other actions designed to provide access
to new water supplies within the Yakima river basin for both instream and out-of-stream uses, consistent with
the integrated plan and the authorities, goals, and objectives set forth in section 3 of this act. Funds may not be
expended from the account for the planning of any new storage facility for which the Bureau of
Reclamation has determined does not have a Benefit/Cost ratio over 1:1.

Comment: The Legislature should not authorize funding for future planning for dams, such as Wymer, where the
Bureau of Reclamation has already determined that the B/C ratio is only 0.31.

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(3)(a) Funds may not be expended from the account for the construction of a new storage facility until the department evaluates the following:
(i) Water uses to be served by the facility;
(ii) The quantity of water necessary to meet the needs of those uses;
(iii) The benefits and costs to the state of serving those uses, including short-term and long-term economic, cultural, and environmental effects; and
(iv) Alternative means of supplying water to meet those uses, including the costs of those alternatives and an analysis of the extent to which the long-term water supply needs are able to be met using those alternatives.
(v) Funds may not be expended from the account for the planning of any new storage facility for which the Bureau of Reclamation has determined does not have a Benefit/Cost ratio over 1:1.

(c) Before finalizing its evaluation under the provisions of this subsection, the department shall make the preliminary evaluation available to the public. Public comment may be made to the department within thirty days of the date the preliminary evaluation is made public. The department shall respond in writing to all substantive comments.

Comment: While we are generally in support of this section, the Legislature should not authorize funding for future planning for dams, such as Wymer, where the Bureau of Reclamation has already determined that the B/C ratio is only 0.31. While we support public comment, the Department of Ecology must be required to respond to substantive comments.

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7 NEW SECTION. Sec. 9. A new section is added to chapter 90.38 RCW to read as follows:
9 (1) By December 1, 2015, and by December 1st of every odd-numbered
year thereafter, and in compliance with RCW 43.01.036, the department, in consultation with the United States bureau of reclamation, the Yakama Nation, Yakima river basin local governments, and key basin stakeholders, shall provide a Yakima river basin integrated water resource management plan implementation status report to the legislature and to the governor that includes: A description of measures that have been funded and implemented in the Yakima river basin and their effectiveness in meeting the objectives of this act, a project funding list that represents the state's percentage cost share to implement the integrated plan measures for the current biennium and cost estimates for subsequent biennia, a description of progress toward concurrent realization of the integrated plan's fish passage, watershed enhancement, and water supply goals, and an annual summary of all associated costs to develop and implement projects within the framework of the integrated water resource management plan for the Yakima river basin.

(2) This section expires December 31, 2045.

*Section 9(1) should be amended as follows:

NEW SECTION. Sec. 9. A new section is added to chapter 90.38 RCW to read as follows:

(1) By December 1, 2015, and by December 1st of every odd-numbered year thereafter, and in compliance with RCW 43.01.036, the department, in consultation with the United States bureau of reclamation, the Yakama Nation, Yakima river basin local governments, and the public key basin stakeholders, shall provide a Yakima river basin integrated water resource management plan implementation status report to the legislature and to the governor that includes: A description of measures that have been funded and implemented in the Yakima river basin and their effectiveness in meeting the objectives of this act, a project funding list that represents the state's percentage cost share to implement the integrated plan measures for the current biennium and cost estimates for subsequent biennia, a description of progress toward concurrent realization of the integrated plan's fish passage, watershed enhancement, and water supply goals, and an annual summary of all associated costs to develop and implement projects within the framework of the integrated water resource management plan for the Yakima river basin, and the benefit/cost analysis for all structural water storage projects proposed. The Department will provide public notice and an opportunity to comment and shall respond to all substantive comments on such status reports.

(2) This section expires December 31, 2045.

Comment: Public comment does little good if Ecology is not required to respond to substantive comments.