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SENATE BILL 5925

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State of Washington

57th Legislature

2001 Regular Session

By Senators Jacobsen, Honeyford, Fraser, Rasmussen and Morton

Read first time 02/08/2001. Referred to Committee on Environment,  
Energy & Water.

1 AN ACT Relating to reclaimed water; amending RCW 90.46.005,  
2 90.46.010, 90.14.140, 90.03.252, and 90.44.062; and adding a new  
3 section to chapter 90.46 RCW.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

5 **Sec. 1.** RCW 90.46.005 and 1997 c 355 s 1 are each amended to read  
6 as follows:

7 The legislature finds that by encouraging the use of reclaimed  
8 water while assuring the health and safety of all Washington citizens  
9 and the protection of its environment, the state of Washington will  
10 continue to use water in the best interests of present and future  
11 generations.

12 To facilitate the use of reclaimed water as soon as is practicable,  
13 the legislature encourages the cooperative efforts of the public and  
14 private sectors and the use of pilot projects to effectuate the goals  
15 of this chapter. The legislature further directs the department of  
16 health and the department of ecology to coordinate efforts towards  
17 developing an efficient and streamlined process for creating and  
18 implementing processes for the use of reclaimed water.

1 It is hereby declared that the people of the state of Washington  
2 have a primary interest in the development of facilities to provide  
3 reclaimed water to replace potable water in nonpotable applications, to  
4 supplement existing surface and ground water supplies, and to assist in  
5 meeting the future water requirements of the state.

6 The legislature further finds and declares that the utilization of  
7 reclaimed water by local communities for domestic, agricultural,  
8 industrial, recreational, and fish and wildlife habitat creation and  
9 enhancement purposes, including wetland enhancement, will contribute to  
10 the peace, health, safety, and welfare of the people of the state of  
11 Washington. To the extent reclaimed water is appropriate for  
12 beneficial uses, it should be so used to preserve potable water for  
13 drinking purposes. Use of reclaimed water constitutes the development  
14 of new basic water supplies needed for future generations.

15 The legislature further finds and declares that the use of  
16 reclaimed water is not inconsistent with the policy of antidegradation  
17 of state waters announced in other state statutes, including the water  
18 pollution control act, chapter 90.48 RCW and the water resources act,  
19 chapter 90.54 RCW.

20 The legislature finds that other states, including California,  
21 Florida, and Arizona, have successfully used reclaimed water to  
22 supplement existing water supplies without threatening existing  
23 resources or public health.

24 It is the intent of the legislature that the department of ecology  
25 and the department of health undertake the necessary steps to encourage  
26 the development of water reclamation facilities so that reclaimed water  
27 may be made available to help meet the growing water requirements of  
28 the state.

29 The legislature further finds and declares that reclaimed water  
30 facilities are water pollution control facilities as defined in chapter  
31 70.146 RCW and are eligible for financial assistance as provided in  
32 chapter 70.146 RCW. The legislature finds that funding demonstration  
33 projects will ensure the future use of reclaimed water. The  
34 demonstration projects in RCW 90.46.110 are varied in nature and will  
35 provide the experience necessary to test different facets of the  
36 standards and refine a variety of technologies so that water purveyors  
37 can begin to use reclaimed water technology in a more cost-effective  
38 manner. This is especially critical in smaller cities and communities

1 where the feasibility for such projects is great, but there are scarce  
2 resources to develop the necessary facilities.

3 The legislature further finds that the agricultural processing  
4 industry can play a critical and beneficial role in promoting the  
5 efficient use of water by having the opportunity to develop and reuse  
6 agricultural industrial reclaimed water from food processing.

7 **Sec. 2.** RCW 90.46.010 and 1997 c 444 s 5 are each amended to read  
8 as follows:

9 (~~Unless the context clearly requires otherwise,~~) The definitions  
10 in this section apply throughout this chapter unless the context  
11 clearly requires otherwise.

12 (1) "Greywater" means wastewater having the consistency and  
13 strength of residential domestic type wastewater. Greywater includes  
14 wastewater from sinks, showers, and laundry fixtures, but does not  
15 include toilet or urinal waters.

16 (2) "Land application" means application of treated effluent for  
17 purposes of irrigation or landscape enhancement for residential,  
18 business, and governmental purposes.

19 (3) "Person" means any state, individual, public or private  
20 corporation, political subdivision, governmental subdivision,  
21 governmental agency, municipality, copartnership, association, firm,  
22 trust estate, or any other legal entity whatever.

23 (4) "Reclaimed water" means effluent derived in any part from  
24 sewage from a wastewater treatment system that has been adequately and  
25 reliably treated, so that as a result of that treatment, it is suitable  
26 for a beneficial use or a controlled use that would not otherwise occur  
27 and is no longer considered wastewater.

28 (5) "Sewage" means water-carried human wastes from residences,  
29 buildings, industrial and commercial establishments, or other places,  
30 together with such ground water infiltration, surface waters, or  
31 industrial wastewater as may be present.

32 (6) "User" means any person who uses reclaimed water.

33 (7) "Wastewater" means water and wastes discharged from homes,  
34 businesses, and industry to the sewer system.

35 (8) "Beneficial use" means the use of reclaimed water, that has  
36 been transported from the point of production to the point of use  
37 without an intervening discharge to the waters of the state, for a  
38 beneficial purpose.

1 (9) "Direct recharge" means the controlled subsurface addition of  
2 water directly to the ground water basin that results in the  
3 replenishment of ground water.

4 (10) "Ground water recharge criteria" means the contaminant  
5 criteria found in the drinking water quality standards adopted by the  
6 state board of health pursuant to chapter 43.20 RCW and the department  
7 of health pursuant to chapter 70.119A RCW.

8 (11) "Planned ground water recharge project" means any reclaimed  
9 water project designed for the purpose of recharging ground water, via  
10 direct recharge or surface percolation.

11 (12) "Reclamation criteria" means the criteria set forth in the  
12 water reclamation and reuse interim standards and subsequent revisions  
13 adopted by the department of ecology and the department of health.

14 (13) "Streamflow augmentation" means the discharge of reclaimed  
15 water to rivers and streams of the state or other surface water bodies,  
16 but not wetlands.

17 (14) "Surface percolation" means the controlled application of  
18 water to the ground surface for the purpose of replenishing ground  
19 water.

20 (15) "Wetland or wetlands" means areas that are inundated or  
21 saturated by surface water or ground water at a frequency and duration  
22 sufficient to support, and that under normal circumstances do support,  
23 a prevalence of vegetation typically adapted to life in saturated soil  
24 conditions. Wetlands generally include swamps, marshes, bogs, and  
25 similar areas. Wetlands regulated under this chapter shall be  
26 delineated in accordance with the manual adopted by the department of  
27 ecology pursuant to RCW 90.58.380.

28 (16) "Constructed beneficial use wetlands" means those wetlands  
29 intentionally constructed on nonwetland sites to produce or replace  
30 natural wetland functions and values. Constructed beneficial use  
31 wetlands are considered "waters of the state."

32 (17) "Constructed treatment wetlands" means those wetlands  
33 intentionally constructed on nonwetland sites and managed for the  
34 primary purpose of wastewater or storm water treatment. Constructed  
35 treatment wetlands are considered part of the collection and treatment  
36 system and are not considered "waters of the state."

37 (18) "Agricultural industrial reclaimed water" means water that has  
38 been used for the purpose of agriculture processing and has been

1 adequately and reliably treated, so that as a result of that treatment,  
2 it is suitable for other agricultural water use.

3 (19) "Agricultural processing" means the processing of crops or  
4 milk to produce a product primarily for wholesale or retail sale for  
5 human or animal consumption, including but not limited to potato,  
6 fruit, vegetable, and grain processing.

7 (20) "Agricultural water use" means the use of water for irrigation  
8 and other uses related to the production of agricultural products.  
9 These uses include, but are not limited to, construction, operation,  
10 and maintenance of agricultural facilities and livestock operations at  
11 farms, ranches, dairies, and nurseries. Examples of these uses  
12 include, but are not limited to, dust control, temperature control, and  
13 fire control.

14 NEW SECTION. Sec. 3. A new section is added to chapter 90.46 RCW  
15 to read as follows:

16 The owner of an agricultural processing plant that generates  
17 agricultural industrial reclaimed water may obtain a permit from the  
18 department of ecology for application of that water to agricultural  
19 water use. The department of ecology may issue an agricultural  
20 reclaimed water permit under chapter 90.48 RCW to the owner of the  
21 agricultural processing plant who may then distribute the water through  
22 methods including, but not limited to, irrigation systems, subject to  
23 provisions in the permit governing the location, rate, water quality,  
24 and purpose. In cases where the department of ecology determines that  
25 a significant risk to public health exists, in land application of the  
26 water, the department must refer the application to the department of  
27 health for review and consultation.

28 The owner of the agricultural processing plant who obtains a permit  
29 under this section has the exclusive right to the use of any  
30 agricultural industrial reclaimed water generated from the plant and to  
31 the distribution of such water through facilities including irrigation  
32 systems. Use and distribution of the water by the owner is exempt from  
33 the permit requirements of RCW 90.03.250, 90.03.380, 90.44.060, and  
34 90.44.100.

35 **Sec. 4.** RCW 90.14.140 and 1998 c 258 s 1 are each amended to read  
36 as follows:

1 (1) For the purposes of RCW 90.14.130 through 90.14.180,  
2 "sufficient cause" shall be defined as the nonuse of all or a portion  
3 of the water by the owner of a water right for a period of five or more  
4 consecutive years where such nonuse occurs as a result of:

5 (a) Drought, or other unavailability of water;

6 (b) Active service in the armed forces of the United States during  
7 military crisis;

8 (c) Nonvoluntary service in the armed forces of the United States;

9 (d) The operation of legal proceedings;

10 (e) Federal or state agency leases of or options to purchase lands  
11 or water rights which preclude or reduce the use of the right by the  
12 owner of the water right;

13 (f) Federal laws imposing land or water use restrictions either  
14 directly or through the voluntary enrollment of a landowner in a  
15 federal program implementing those laws, or acreage limitations, or  
16 production quotas.

17 (2) Notwithstanding any other provisions of RCW 90.14.130 through  
18 90.14.180, there shall be no relinquishment of any water right:

19 (a) If such right is claimed for power development purposes under  
20 chapter 90.16 RCW and annual license fees are paid in accordance with  
21 chapter 90.16 RCW;

22 (b) If such right is used for a standby or reserve water supply to  
23 be used in time of drought or other low flow period so long as  
24 withdrawal or diversion facilities are maintained in good operating  
25 condition for the use of such reserve or standby water supply;

26 (c) If such right is claimed for a determined future development to  
27 take place either within fifteen years of July 1, 1967, or the most  
28 recent beneficial use of the water right, whichever date is later;

29 (d) If such right is claimed for municipal water supply purposes  
30 under chapter 90.03 RCW;

31 (e) If such waters are not subject to appropriation under the  
32 applicable provisions of RCW 90.40.030; (~~(e)~~)

33 (f) If such right or portion of the right is leased to another  
34 person for use on land other than the land to which the right is  
35 appurtenant as long as the lessee makes beneficial use of the right in  
36 accordance with this chapter and a transfer or change of the right has  
37 been approved by the department in accordance with RCW 90.03.380,  
38 90.03.383, 90.03.390, or 90.44.100; or

1       (g) If such a right or portion of the right is authorized for a  
2 purpose that is satisfied by the use of agricultural industrial  
3 reclaimed water as authorized under section 3 of this act.

4       **Sec. 5.** RCW 90.03.252 and 1997 c 444 s 2 are each amended to read  
5 as follows:

6       The permit requirements of RCW 90.03.250 do not apply to the use of  
7 reclaimed water by the owner of a wastewater treatment facility under  
8 the provisions of RCW 90.46.120 and do not apply to the use of  
9 agricultural industrial reclaimed water as provided under section 3 of  
10 this act.

11       **Sec. 6.** RCW 90.44.062 and 1997 c 444 s 3 are each amended to read  
12 as follows:

13       The permit requirements of RCW 90.44.060 do not apply to the use of  
14 reclaimed water by the owner of a wastewater treatment facility under  
15 the provisions of RCW 90.46.120 and do not apply to the use of  
16 agricultural industrial reclaimed water as provided under section 3 of  
17 this act.

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