

APPENDIX J

**KING COUNTY WATER RECLAMATION
EVALUATION CHECKLIST**



King County

Water Reclamation Evaluation Checklist For Systems with 1,000 or more Connections

The County and State recognize that changing conditions could initiate a need to respond in new ways to future water quality standards, wastewater discharge requirements, take advantage of advances in treatment technologies and/or allow our region to be positioned to respond to changes associated with climate change and population growth.

In 2003, Chapter 90.46 of the Revised Code of Washington (RCW) was amended to require public water systems serving 1,000 or more connections to evaluate opportunities for reclaimed water when completing their water system plans. Please use this checklist to meet King County consistency requirements in responding to this legislation.

Water System Name: Sammamish Plateau Water & Sewer District
Date: September 24, 2014
PWS ID#: 409009
Contact: Jay Regenstreif

Please use this checklist, including the inventory template, to ensure that your water system plan includes sufficient information about opportunities for reclaimed water and your system's efforts to develop those opportunities. If a question is not applicable or the information is unavailable, then answer, "unknown" or "n/a." King County will consider the checklist completed if each answer is filled in with the best available information, even if the utility states that it is not aware of any reclaimed water opportunities within its service area.

1. Identifying Potential Future Demand for Reclaimed Water: King County maintains a database and map of potential reclaimed water users for evaluating future projects. Please use the template below, or similar table, to provide information to assist King County in further researching these potential uses.

• **Large Utility Water Users** (choose one):

- Attached is an inventory of twenty large (above 20,000 gallons/month on average), non single-family residential, water users served by our utility that have a potential for reclaimed water use, or
- Attached is an inventory of our utility's top twenty water users, or
- The information requested is unknown or not available.

Additional Comments: _____

• **Large Self Suppliers** (choose one):

- Attached is an inventory of large, self-supplied water users within our water utility's service boundaries - especially those near wastewater treatment plants, mainlines, outfalls, and pump stations or similar reclaimed water facilities), or
- The information requested is unknown or not available.

Additional Comments: There are two golf courses that provide their own irrigation water supply, but no treatment plants

• **Other** (choose one):

- Attached is an inventory of other water users (such as those that are clustered near one another and could be served by a single system) that may be likely candidates for reclaimed water use, or
- The information requested is unknown or not available.

Additional Comments: _____

2. **Environmental Commitment:** Are you a city/town, or providing water service to a city/town, that has made commitments within resource management plans, salmon recovery plans, or other environmental initiatives for which there is a potential opportunity for using reclaimed water to assist in meeting commitments? (choose one)

Yes, here are plans that have potential for reclaimed water use in our service area to meet the above commitments:

The information requested is unknown, not available.

Additional Comments: Are not aware of Issaquah or Sammamish Plans that call for reclaimed water.

3. **Identifying Areas of Potential Use of Reclaimed Water for Environmental Benefit:**

Below are *examples* of uses of reclaimed water **that comply with State, Federal and other reclaimed water environmental, health and safety standards**. All of these uses are currently in effect somewhere in Washington State. To the best of your knowledge, are any of these potential uses for reclaimed water applicable to your area?

River Augmentation (choose one):

Yes, our water rights are limited by instream flows. For more information, King County may contact: However, Department of Ecology has not indicated flow augmentation would be viable mitigation for obtaining additional water rights.

The information requested is unknown, or not available.
Additional Comments: _____

Groundwater Recharge (choose one):

Yes, we withdraw water from an aquifer that is in a groundwater management area, or from a declining aquifer, where water levels may need to be replenished or to maintain aquifer storage. For more information, King County may contact: The District has a Groundwater Recharge Plan, but the recharge is with drinking water quality water for reuse in the potable water system.

The information requested is unknown, or not available.
Additional Comments: _____

Water Rights Mitigation (choose one):

Yes, our area is pursuing, or planning to pursue, new or additional water rights, and there may be an opportunity to use reclaimed water for mitigation of those new water rights. For more information, King County may contact: _____

The information requested is unknown, or not available.
Additional Comments: No new groundwater rights are currently being pursued.

Potential Areas of Environmental Need (choose one):

Yes, parts of our service area include potential environmental enhancement locations, such as wetlands enhancement, aquifer recharge, stream flow augmentation, that might be candidates for reclaimed water use. For more information, King County may contact: _____

The information requested is unknown, or not available.
Additional Comments: Contacts regarding these uses would be the Cities of Issaquah and Sammamish

Sammamish Plateau Water & Sewer District
 Top 20 Revenue Customers

Site Owner	Site Address	Estimated Annual Water Use (Gallons)	Water uses not requiring potable water (Gallons)	Potential Reclaimed Water
MS # 2 Holland Residential, Klahanie	S of SE 32nd St, N of Issaquah-Fall City Rd & E of Issaquah-Pine Lake Rd	17,568,748	8,807,700	Possible
Timbers 8010/Simpson Housing	N of SE Issaquah-Fall City Rd, along SE Black Nugget Rd	15,659,345	2,516,272	Unlikely
Madison Sammamish	Issaquah Pine Lake Rd at 230th SE	15,525,070	2,390,608	Unlikely
Park Hill Apartments	SE 56th St at 226th Ave	12,149,860	1,103,300	Unlikely
Providence Pt Umbrella	SE 43rd Way & 228th Ave SE	11,963,595	11,403,343	Possible
SEA Inglewood 2010, LLC	22626 NE Inglewood Hill Rd	10,018,660	2,462,416	Unlikely
Boulder Creek Apts 8001	W of Issaquah-Pine Lake Rd at SE 35th	9,708,218	2,313,564	Unlikely
Klahanie HOA	S of SE 32nd St, N of Issaquah-Fall City Rd & E of Issaquah-Pine Lake Rd	9,088,083	8,120,171	Possible
Sterling Square, Trossachs	Trossachs Blvd at SE 18th	8,515,823	2,537,964	Possible
City of Sammamish	City of Sammamish - Distributed	6,766,878	5,344,460	Unlikely
PWP Cal, LLC Langara Apartment	W of SE Issaquah-Fall City Rd, at SE 54th	6,046,803	1,184,084	Unlikely
Center Village Assoc, Providence Point	SE 43rd Way & 228th Ave SE	5,365,777	-	No
Forest Village Assoc, Providence Point	SE 43rd Way & 228th Ave SE	5,172,779	-	No
Cameron Condominiums, Beaver Crest	SE 4th at 240th SE	4,976,790	762,960	Unlikely
Summerhill HOA	Summerhill, West of SE Issaquah-Fall City Rd, at SE 54th	4,809,226	549,032	Unlikely
Trossachs HOA	N of SE 32nd, E of 264th SE, W of 276th Ave, S of SE 8th, along SE Duthie Hill Rd	4,578,078	4,578,078	Possible
Highland Parc Townhomes	228th Ave NE at NE 4th	4,566,857	282,744	Unlikely
Sky Landing at Klahanie LLC	Klahanie Dr SE at 249th SE	3,866,681	850,476	Possible
Garden Village Assoc, Providence Point	SE 43rd Way & 228th Ave SE	3,268,239	-	No
Barclay Square HOA, Klahanie	Klahanie Blvd at 256th SE	3,230,088	961,180	Possible