



Water Quality Program

Permit Submittal Electronic Certification

Permittee: King County Brightwater Reclaimed Water Plant

Permit Number: ST0045498

Site Address: 22505 STATE ROUTE 9 SE
WOODINVILLE, WA 98072

Submittal Name: Reclaimed Water Annual Report Permit

Version: 1

Due Date: 3/15/2024

Questionnaire

Number	Permit Section	Question	Answer
1a	R3.B	How many days did the facility produce reclaimed water during the last year?	91
1b	R3.B	How many days did the facility distribute reclaimed water during the last year?	5
2a	R3.B	What was the total volume (in millions of gallons) of reclaimed water produced during the last year?	42.5
2b	R3.B	What was the total volume (in millions of gallons) of reclaimed water distributed during the last year?	0.02 Comment: Reclaimed water was produced over 91 days during the 2023 season to support startup, flushing, and equipment testing activities. Reclaimed water used for irrigation was distributed over 5 days at the Influent Pump Station (IPS) but no reclaimed water was distributed to the customer sites due to failure of the conveyance line at the York Pump Station. The pipe failure incident was reported to DOE (ERTS#723614).
3	R3.B	Reclaimed Water Distribution Summary: Using the file upload box below, attach a file (spreadsheet or written report) that provides a detailed breakdown of reclaimed water distributed to each authorized user. In addition, use the data fields in questions 3a through 3j below to report the volume of reclaimed water distributed to each use category authorized in your permit (enter volume in millions of gallons).	2023 RW Customer and Volume Us_3_03122024125502

3a	R3.B	Indoor Uses	0 Comment: Used for flushing toilets and urinals at Brightwater Environmental Education and Community Center (EECC)
3b	R3.B	Commercial, Industrial, and Institutional Uses	0 Comment: Used for Bio-boulevard Entry Sculpture and York Truck Fill Station
3c	R3.B	Irrigation – Class A food crops	0
3d	R3.B	Irrigation – Class A other	0.02 Comment: Reclaimed water was produced over 91 days during the 2023 season to support startup, flushing, and equipment testing activities. Reclaimed water used for irrigation was distributed over 5 days at the Influent Pump Station (IPS) but no reclaimed water was distributed to the customer sites due to failure of the conveyance line at the York Pump Station. The pipe failure incident was reported to DOE (ERTS#723614).
3e	R3.B	Irrigation – Class B process food crops, nonfood crops, and orchard frost protection	Not Applicable
3f	R3.B	Irrigation – Class B other	Not Applicable
3g	R3.B	Wetland Enhancement (all classes)	Not Applicable
3h	R3.B	Surface Water Augmentation	Not Applicable
3i	R3.B	Groundwater Recharge (direct and indirect)	Not Applicable
3j	R3.B	Aquifer Storage and Recovery	Not Applicable
4	R4.B.a	Were any new user or distributors added to the system during the last year?	No
5	R4.B.d	Were any actions taken during the last year to enforce requirements of a use or distribution agreement?	No
6	R3.B	Were there any reclaimed water limit violations reported on monthly DMRs during the last year (includes all limits associated with reclaimed water production as well as distribution system chlorine residual limits, if applicable)?	Yes

6a	R3.B	How many violations were reported?	9 Comment: There were a total of 9 violations during 2023. No samples were collected or analyzed for total coliforms at IPS during the 5 irrigation days in June and July. These instances were reported to DOE. Five (5) of the violations - total coliform data was not reported. Two (2) violations - daily maximum total coliform data was not reported; Two (2) violations - the 7 day median total coliform count was not reported.
7	R6.B.a	Did the facility diverted off-spec reclaimed water for disposal or retreatment during the last year?	No
8	R4.B.b.7	Was any reclaimed water diverted from authorized use locations due to distribution system maintenance or repair?	No
9	R3.G.a.3	Were any backflow incidents discovered and reported during the last year?	No
10	R4.C	Cross-Connection Control Summary: Does your permit include a requirement to submit an annual Cross-Connection Control Summary Report?	Yes
10a	R4.C	Select the type of summary your permit requires:	Report on implementing an approved program
10b	R4.C	If 'other' selected please describe the type of summary:	N/A
10c	R4.C	Attach a document or documents that provide the required summary report	CCC program summary_2023_final_10c_03132024122420

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Chapin Brackett

3/13/2024 6:53:35 PM

Signature

Date