



May 8, 2024

Andrew Stevens, PE  
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Re: **Pacific City JWSA (PWS #00609) – Rueppell Ave Water Pipeline Upgrades  
Final Approval (PR #47-2023)**

Dear Mr. Stevens:

Thank you for submitting the as-builts and Project Final Approval Request Form on April 19, 2024, addressing the Conditions in my [Conditional Approval](#) letter dated April 7, 2023. Thank you for further clarifying how conditions were met in your email dated May 8, 2024. **The project (assigned plan review #47-2023) is granted Final Approval and the new facilities may now be placed into service.**

Project description and background:

- The project involved replacing roughly 2,670 linear feet of 2" water line with a 6" C-900 PVC water line and related appurtenances.
- Plans were submitted by Pacific City Joint Water-Sanitary Authority on April 5, 2023, to the Oregon Health Authority's Drinking Water Services (DWS) for the Rueppell Avenue Water Pipeline Upgrades Project.
- The plans and a land use compatibility statement were received on April 5, 2023, and a plan review fee payment in the amount of \$3,300 was processed on 4/7/2023.
- A Conditional Approval letter was issued April 7, 2023.
- A Project Final Approval Request Form was received on April 19, 2024 (enclosed)
- Further clarification on how conditions for approval were met was received via email on May 8, 2024 (enclosed).



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Final Approval – PR# 47-2023

Pacific City Joint Water-Sanitation Authority (PWS #00609) – Rueppell Ave Water Pipeline Upgrades

May 8, 2024

Thank you for your cooperation in this plan review process and if you have any questions or concerns, please feel free to contact me at 971-200-0288 or via e-mail at [evan.e.hofeld@oha.oregon.gov](mailto:evan.e.hofeld@oha.oregon.gov).

Sincerely,



Evan Hofeld, PE

Oregon Health Authority – Drinking Water Services

cc:

Rachelle DeLoe, Executive Assistant

[rdeloe@pcjwsa.com](mailto:rdeloe@pcjwsa.com)

Pacific City Joint Water-Sanitary Authority

John Wesely, Authority Manager

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Pacific City Joint Water-Sanitary Authority

Jaime Craig, Environmental Health Program Manager,

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Nicole Alfafara, Oregon Health Authority – Drinking Water Services

[Nicole.H.Alfafara@oha.oregon.gov](mailto:Nicole.H.Alfafara@oha.oregon.gov)

Encl.

1. Project Final Approval Request Form (received 4-19-24)
2. May 8, 2024, email with further clarification on how conditions were met.



### Drinking Water Services Project Final Approval Request Form

[Print](#)

**Project Name** Rueppell Ave Water Pipeline Upgrades

**PR#** 47-2023

**Public Water System ID#** 41- 609

**PWS Name** Pacific City Joint Water Sanitary Authority (PCJWSA)

[Click to locate PWS ID#](#)

	YES	NO	DATE
1. Was the project undertaken? If so, what was the starting date?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>07/31/2023</u>
2. If project was not undertaken, has the project been abandoned?	<input type="checkbox"/>	<input type="checkbox"/>	
3. Was the project completed? If so, when? If project not complete, estimated completion date: <u>04/30/2024</u> <small>Only surface restoration remaining</small>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>12/12/2023</u>
4. If completed, was the work accomplished in conformance with all conditions listed in the Conditional Approval letter and DWS Construction Standards, Oregon Administrative Rule (OAR) 61-0050? <b>In the comments below or on a separate sheet please make clear how all conditions specified in the Conditional Approval letter were met.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5. If the project was completed, were there any differences between what is shown on the plans and what was actually installed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. If the completed project is different from what is shown on the plans, were the plans modified to show as-built conditions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
7. Have as-builts been sent to Drinking Water Services? <b>NOTE: As-builts are not required if there were no significant changes noted in 5.</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
8. Are the facilities operating? If so, starting when?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>12/12/2023</u>

Signature of Engineer 

Date 04/19/24

Name Andrew Stevens

OR PE# 100219

Firm Parametrix

Phone (503) 610-6394

**Comments**

- W-1:
  1. Start alignment changed from 6" tee, 6" GV, Blind Flange, Cut and Cap 2" water to hot tap.
  2. 60' from beginning of alignment a Mechanical Joint (MJ) sleeve has been added to the water main.
  3. Field conditions dictated moving the water main alignment south to avoid fiber optic cable.
- W-2:
  1. At Station 18+80 fire hydrant adjusted to have a 45 degree bend in the hydrant instead of facing straight along water main.
- W-3:
  1. Hydrant moved from Station 22+41.78 to Station 22+19.93
  2. Field conditions dictated this become a 1" line and serve 2 meters.

# RE: Conditional Approval - Rueppell Ave Water Pipeline Upgrades (PR# 47-2023) for Pacific City JW...








Wed 5/8/2024 1:04 PM



Andrew Stevens <AStevens@parametrix.c  
To Hofeld Evan E  
Cc John Wesely; Maeve Harris; Alfafara Nicole H

Good Afternoon Evan,

Apologies for any confusion and any delays. I had meant that I would have a meeting internally to address your questions and I have been able to have those with both my team at Parametrix and with PCJWSA.

Please find responses below to each of the circled items in your original email (each item in the email is numbered to match the circled items in yours).

- The water main was kept as flat as possible throughout the alignment to prevent intermediate high/low points. An air release valve was determined to not be required for this project.
- The water main was kept at a 10' horizontal distance to the extent possible while maintaining constructability and remaining in the ROW. This horizontal separation was able to be achieved for a vast majority of the alignment and if it was not we did check that we maintained the minimum 18" separation using best available information.
  - At the noted location on Sheet W-1 we do get within ~3.25' of the sewer main horizontally however, this is one of the deeper locations of the sewer which has a Top of Pipe Elevation of 6.55' (6.05' invert for a 6" Diameter sewer). The invert of the water main at the nearest location (~13+00) is 8.57' for a vertical separation of 2.02' (8.57' - 6.55').
  - The other locations highlighted were crossing locations where vertical separation was not able to meet the 18" minimum so we designed for the water main to be concrete encased at those locations.
- PCJWSA provided the following testing information regarding the disinfection of the system prior to being placed into service.
 

Test Start: 11/29/23 at 1:15 PM  
Chlorine Residual: 50-60 mg/L

Test End: 11/30/23 at 1:15 PM  
Chlorine Residual: 30-40 mg/L

Note: We have to use a high-range test kit for this purpose, so all we know is the chlorine residual results were within these ranges. In case you are asked, bacteriological samples were collected on 11/30/23 after the pipeline was flushed. They were all negative for Total Coliform.

Please let me know if you have any additional questions or if we need to meet to discuss.

Thank you,  
Andrew

