

# Exhibit 0

## Water Requirements

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**Wheatridge Renewable Energy Facility East  
December 2022**

**Prepared for  
Wheatridge East Wind, LLC**

**Prepared by**



**TETRA TECH**

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## Acronyms and Abbreviations

ASC	Application for Site Certificate
Certificate Holder	Wheatridge East Wind, LLC
Council	Oregon Energy Facility Siting Council
Facility	Wheatridge Renewable Energy Facility East
gal	gallons
Mgal	million gallons
NPDES	National Pollutant Discharge Elimination System
O&M	operations and maintenance
OAR	Oregon Administrative Rule
RFA 1	Request for Amendment 1

## 1.0 Introduction

The Wheatridge Renewable Energy Facility East (Facility) is an approved, but not yet constructed, wind energy generation facility consisting of up to 66 turbines and related or supporting facilities with a peak generating capacity of up to 200 megawatts, to be located in an Approved Site Boundary of approximately 4,582 acres on over 42,000 acres of leased land in Morrow and Umatilla counties, Oregon. As part of Request for Amendment (RFA) 1 to the Facility Site Certificate, Wheatridge East Wind, LLC (Certificate Holder) is proposing to expand wind power generation at the Facility to provide the opportunity for increased power capacity and availability. This includes expanding the Site Boundary and micrositing corridors, increasing the peak generating capacity by adding more and newer turbines, changing the intraconnection routes, and extending the construction date. See the RFA 1's Division 27 document (*Request for Amendment #1 for the Wheatridge Renewable Energy Facility East*) for a more detailed summary of the proposed changes.

This Exhibit O was prepared to meet the submittal requirements in Oregon Administrative Rule (OAR) 345-021-0010(1)(o). Analysis in this exhibit incorporates and/or relies on reference information, analysis, and findings found in the Application for Site Certificate (ASC), previous RFAs, and Oregon Department of Energy Final Orders to demonstrate that the Facility, as modified by RFA 1, continues to comply with applicable Site Certificate conditions and the standard in OAR 345-021-0010(1)(o). Paragraphs (D) and (F) or OAR 345-0010(1)(o) are not applicable because the Facility is not a thermal power plant or in need of a groundwater permit. OAR 345 Division 22 does not provide an approval standard specific to Exhibit O.

As detailed in the following sections, although the proposed changes create additional water needs for the Facility and a larger Site Boundary, the Certificate Holder can still comply with all Site Certificate conditions previously adopted by the Oregon Energy Facility Siting Council (Council) for compliance with respect to OAR 345-021-0010(1)(o). Conditions applicable to water include:

- Condition CON-SP-01: Operate under an Erosion and Sediment Control Plan required under the National Pollutant Discharge Elimination System (NPDES) Construction Stormwater Discharge General permit 1200-C (see Exhibit I for further information).
- Condition PRE-WM-02: Confirmation of no surface/ground/drinking water impacts from concrete washout water.

## 2.0 Description of Water Use – OAR 345-021-0010(1)(o)(A)

*OAR 345-021-0010(1)(o) Information about anticipated water use during construction and operation of the proposed facility. The applicant must include:*

*OAR 345-021-0010(1)(o)(A) A description of the use of water during construction and operation of the proposed facility.*

## **2.1 Construction**

### **2.1.1 Uses**

The primary drivers of water use during construction of the Facility as modified under RFA 1 are mixing concrete for turbine foundations and dust control<sup>1</sup>. Water trucks will be used to control dust generation throughout the construction site, in all disturbed areas during road construction (including compaction); foundation installation; turbine and Intraconnection Line structure erection, and final cleanup, reclamation, and restoration; as required by the Erosion and Sediment Control Plan (Condition CON-SP-01). Water for dust control and road compaction will be applied via tanker truck in a manner that avoids erosion and sediment discharge and is consistent with the best management practices presented in the NPDES 1200-C permit (per implementation of Condition CON-SP-01). Fire prevention represents a minor water use; this would involve stationing a water truck at the job site to keep the ground and vegetation moist during extreme fire risk conditions.

For the construction of foundations, water will be transported to concrete batch plant sites (located at laydown areas, assuming concrete isn't sourced from existing suppliers) where it will be used to mix wet concrete. From the batch plant, the wet concrete will be transported to the construction sites in concrete trucks for use in foundation installation. The Certificate Holder may choose to buy concrete directly from licensed suppliers in the area. In that case, the on-site concrete batch plants would not be needed and the water required for concrete mixing would be provided by the concrete suppliers under their existing permits.

The Certificate Holder will continue to implement dust control measures at all areas disturbed by construction activities. During construction, equipment will be cutting, moving and compacting the subgrade surface; stockpiling soils for later use; and performing decompaction (as needed) and final grading for site revegetation. Depending on weather conditions, water trucks patrolling the site to control dust will make as many as one pass per hour, wetting down disturbed and exposed soils. Once site preparation work is complete, meaning all soil disturbance is completed and the site ready for revegetation, dust control becomes minimal.

Water is not anticipated to be needed for site revegetation, which would instead rely on natural precipitation and native seed types that are adapted to the rainfall regime of the region.

On-site worker drinking and sanitation use will also continue to be required (see estimate below).

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<sup>1</sup> Note that other dust suppressants besides water may be utilized as necessary during extreme drought conditions (synthetic polymer emulsions, chemical suppressants, organic glues, and wood fiber materials) depending on the site and condition (to be applied by trained and certified vendors familiar with applicable environmental regulations including the federal Endangered Species Act, the Clean Water Act, the Salmon Recovery Act, and state and local regulations).

**2.1.2 Amounts**

During construction, the proposed changes and cumulative Facility will require an anticipated maximum of approximately 4.1 million gallons (Mgal) of water. This water will be used in activities described above as well as what was already approved in the ASC. Water will also be used for dust control on dirt and gravel roads, turbine pads, and laydown areas. Water use totals are estimated based on construction of the Facility taking place during a 12-month construction period. Note that the actual Facility construction may be phased and will be a focused effort on specific portions of the proposed Facility in order to maximize efficiency and limit water use.

Concrete mixing for foundations uses a standard assumption of 30 gallons (gal) of water per cubic yard of concrete. Water for road construction assumes 25 gal per lineal foot of road. For drinking and sanitation requirements, it is assumed that approximately 3 gal per day (6-day work week) per person will be required for construction workers (360 maximum on-site workers). Water use for dust control assumes 100,000 gal per day, 6 days per week, over a 12-month construction period. The total water use under average conditions assumes that all Facility roads will be watered multiple times each day, even in portions of the Facility where no construction is underway. Actual dust control water use will vary, depending on the timing of construction and the season, precipitation, soil conditions, temperature, and frequency of repeat disturbance. None of these factors can be controlled or easily estimated by the contractor. While water quantities have been conservatively estimated for purposes of analysis, due to the cost and time involved in transporting water by tank truck to the proposed Facility, water used for dust suppression and road compaction will be applied at the minimum rate necessary to perform its function. Water used for concrete mixing will also be applied at the minimum mixing rate required to make concrete.

Estimated total water usage for concrete mixing, road construction, dust control, and drinking/sanitation for the proposed changes in RFA 1 and the cumulative Facility is 41,324,686 gal (Transmission Line A) or 41,369,276 gal (Transmission Line B; see Table O-1).

**Table O-1. Water Use During Construction**

Construction Use	Quantity (Transmission Line A)	Quantity (Transmission Line B)
Site dust control	31.2 Mgal (average annual conditions)	31.2 Mgal (average annual conditions)
	46.8 Mgal (worst-case conditions)	46.8 Mgal (worst-case conditions)
Road construction	8,448,000 gal	8,448,000 gal
Concrete mixing	-	-
<ul style="list-style-type: none"> <li>Turbine tower foundations</li> </ul>	1,212,466 gal	1,212,466 gal
<ul style="list-style-type: none"> <li>Met tower foundations (up to five met towers)</li> </ul>	7,500 gal	7,500 gal
<ul style="list-style-type: none"> <li>Transmission line pole foundations (up to 192 poles for Transmission Line A and</li> </ul>	94,080 gal	138,670 gal

Construction Use	Quantity (Transmission Line A)	Quantity (Transmission Line B)
283 poles for Transmission Line B)		
<ul style="list-style-type: none"> <li>Battery energy storage system foundation</li> </ul>	6,250 gal	6,250 gal
<ul style="list-style-type: none"> <li>Collector substation foundations</li> </ul>	19,430 gal	19,430 gal
<b>Total water for concrete mixing</b>	<b>1,339,726 gal</b>	<b>1,384,316 gal</b>
Drinking water/sanitation	336,960 gal	336,960 gal
<b>Total</b>	<b>41,324,686 gal (average) to 56,924,686 gal (worst-case)</b>	<b>41,369,276 gal (average) to 56,969,276 gal (worst-case)</b>

Based on a 12-month construction phase under typical environmental conditions, the average monthly water demand would be approximately 3.5 Mgal; the average daily water demand would be approximately 158,941 gal (Transmission Line A) to 159,113 gal (Transmission Line B).

Approximately 1.3 Mgal of the total estimated amount of water would be required for mixing concrete for turbine and the Intraconnection Line pole foundations, fire prevention, and other incidental uses. This estimate is based on the following assumptions:

- Water use is based on a typical spread-footing turbine foundation design. Alternative turbine foundations types, such as caissons, may be employed if determined appropriate to the site conditions; the use of other foundations designs would typically use less water than the spread-footing foundations.
- The typical spread-footing foundation design is based on general soil conditions, and does not consider local soil characteristics. The actual water usage may vary based the size of the foundation, which is a function of soil properties and tower reaction loads.
- The estimate is based on the maximum number of potential wind turbines that may be installed for the Facility. The actual water usage may be less than this estimate, if fewer turbines are constructed.

Approximately 33,180 gal of the total estimated amount of water would be required for the construction of the remaining foundations. Water would be required for foundation construction, grading of parking areas, and other incidental uses required in the construction of the met towers, battery energy storage system, and the substations. Approximately 8.5 Mgal of the total estimated amount of water would be required for new road construction. Water would be required for grading, compaction, concrete mixing where required.

Approximately 31.2 Mgal of the total estimated amount of water would be used for dust control under typical conditions. Actual dust control water use will vary, as stated previously. Based on a 12-month construction period under typical environmental conditions, the average monthly water



demand for dust control would be approximately 2.6 Mgal; the average daily water demand would be approximately 85,480 gal.

A worst-case water use figure would result from construction in particularly dry weather conditions with high temperatures, which is estimated to require approximately 50 percent greater water use for dust control than in average conditions (see Table O-1). Should construction occur in a particularly dry year, the water required for dust control during construction could increase to an estimated 46.8 Mgal, increasing the total water requirement for all construction uses to approximately 56,924,686 gal (Transmission Line A) or 56,969,276 gal (Transmission Line B). The worst-case total average monthly water demand for all construction and dust control would therefore be approximately 4.7 Mgal, and the average daily water demand would increase to approximately 218,941 gal (Transmission Line A) to 219,113 gal (Transmission Line B).

### ***2.1.3 Disposal***

The Certificate Holder does not anticipate any discharge of water from the Facility. During construction, water loss will occur primarily through evaporation from wetted road surfaces and from curing concrete. Due to the dry conditions at the Facility and the relatively low rates of water use and application, it is expected that any excess water used during construction will be lost within the Amended Site Boundary, primarily through evaporation and infiltration. Water used for dust control will infiltrate into the ground or evaporate into the atmosphere. Because of the relatively low rates of water use and application, it is assumed that no run-off will occur outside of the Amended Site Boundary. Construction related stormwater runoff will be managed according to a NPDES 1200-C permit (Condition CON-SP-01). Water used for foundations will remain in the concrete mix. Management and handling of concrete truck washout is discussed in Exhibit W and Condition PRE-WM-02. No water used for the Facility will be discharged into wetlands, lakes, rivers, or streams. During construction, sanitary facilities will consist of portable toilets that will not require water and will be maintained by a licensed service provider.

## **2.2 Operation**

Minimal wastewater or water loss will be generated during operations. Wastewater from domestic and incidental uses at the shared/existing operations and maintenance (O&M) building will be discharged to a county-approved septic system. As described in the ASC, the Facility O&M building requires less than 5,000 gal of water per day. This is considered an exempt use, which would not require a new water right to be obtained under Oregon Revised Statute 537.545. The Certificate Holder anticipates that no new exempt well would be drilled for the purpose of supplying water since the O&M building is already operational. Stormwater will infiltrate into the ground and turbine blade washing is not proposed. Therefore, the changes proposed under RFA 1 do not affect the water use during operation.

### 3.0 Water Sources – OAR 345-021-0010(1)(o)(B)(C)

*OAR 345-021-0010(1)(o)(B) A description of each source of water and the applicant’s estimate of the amount of water the facility will need during construction and during operation from each source under annual average and worst-case conditions.*

*OAR 345-021-0010(1)(o)(C) A description of each avenue of water loss or output from the facility site for the uses described in (A), the applicant’s estimate of the amount of water in each avenue under annual average and worst-case conditions and the final disposition of all wastewater.*

The Certificate Holder intends to use water trucks for the delivery of water from nearby locations with existing water rights as identified in Table O-2. If these are not sufficient sources of water, the Certificate Holder will seek to obtain water from other licensed providers in nearby cities.

**Table O-2. Potential Water Suppliers**

Supplier Name	Contact	Quantity Available (gal)	Water Right Certificate Number
Hermiston Public Works	Roy Bicknell	2.2 Mgal per month	G6831
Stanfield Public Works	Scott Morris	1.8 Mgal per month	12224 and 66058
Boardman Public Works	Kevin Kennedy	150,000 – 300,000 gal per month	40336 and 2624
Port of Morrow	Gary Neal	6.5 Mgal per month	G7158, G8263, G5332, G10976, G12729, G13283, G10312, G4626, G10312, G4626, G12370
<b>Total</b>		<b>10.65–10.8 Mgal per month</b>	

No groundwater permit, surface water permit, or water right transfer is anticipated for this Facility because water will be procured from municipal sources, as near to the construction sites as reasonably possible. The Certificate Holder has re-contacted the suppliers identified in the ASC and listed in Table O-2, who have tentatively indicated willingness and ability to supply water for the Facility. Attachments O-1, O-2, O-3, and O-4 are records of communication with these water suppliers. Suppliers will most likely contract for water with the Facility construction contractor, though the Certificate Holder may choose to contract directly with the suppliers. The quantities available shown in Table O-2 are based on written correspondence from the water suppliers contacted and demonstrate that an adequate supply of water for Facility construction is available. The non-binding commitments indicate a supply of up to 10.8 Mgal per month. As stated previously, the actual Facility construction will be a focused effort on specific portions of the proposed Facility in order to maximize efficiency and limit water use.

#### **4.0 Explanation of Lack of Need for Groundwater/Surface Water Permit or Water Right Transfer – OAR 345-021-0010(1)(o)(E)**

*OAR 345-021-0010(1)(o)(E) If the proposed facility would not need a groundwater permit, a surface water permit or a water right transfer, an explanation of why no such permit or transfer is required for the construction and operation of the proposed facility.*

The Council previously found that the Facility, as approved and as amended, will comply with the Groundwater Act of 1955 and the rules of Oregon Water Resources Department (ODOE 2017, ODOE 2019). Consistent with the approved Site Certificate, the Facility as modified by RFA 1 does not require any groundwater permits, water rights, or surface water permits. Per Section 3.0, water for construction will be obtained from a nearby city under an existing municipal water right. Water for operations will be provided by a municipal water source and/or by the existing exempt well at the shared/existing O&M building.

#### **5.0 Mitigation Measures – OAR 345-021-0010(1)(o)(G)**

*OAR 345-021-0010(1)(o)(G) A description of proposed actions to mitigate the adverse impacts of water use on affected resources.*

No adverse impacts are expected to result from Facility water use during construction or operation as modified by RFA 1; therefore, no new mitigation measures are proposed. Impacts of water use on resources will be minimized through the requirements identified in Conditions CON-SP-01 and PRE-WM-02.

#### **6.0 References**

- ODOE (Oregon Department of Energy). 2017. Final Order in the Matter of the Application for a Site Certificate for the Wheatridge Wind Energy Facility. April 2017.
- ODOE. 2019. Final Order in the Matter of Request for Amendment 4 for the Wheatridge Wind Energy Facility. November 22, 2019.

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**Attachment O-1. Record of  
Correspondence with Boardman Public  
Works Department**

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**From:** [Kevin Kennedy](#)  
**To:** [Gulick, Kristen](#)  
**Subject:** RE: ATTENTION/RESPONSE REQUIRED: Boardman Public Works Agreement with Wheatridge Renewable Energy Facility East/Wheatridge Wind/Solar Project  
**Date:** Tuesday, June 28, 2022 12:30:52 PM  
**Attachments:** [image002.png](#)

**CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments.

Hello, the City of Boardman can supply the water for your project.

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**From:** Gulick, Kristen <Kristen.Gulick@tetrattech.com>  
**Sent:** Monday, June 27, 2022 11:03 AM  
**To:** Kevin Kennedy <KennedyK@cityofboardman.com>  
**Subject:** RE: ATTENTION/RESPONSE REQUIRED: Boardman Public Works Agreement with Wheatridge Renewable Energy Facility East/Wheatridge Wind/Solar Project

Apologies, please disregard the first hyperlink. That was inserted mistakenly. Appropriate websites are hyperlinked at the end of the first paragraph.

Thank you!

**Kristen Gulick (she/her)** | Environmental Planner II | Tetra Tech  
Mobile (541) 740-3316 | [kristen.gulick@tetrattech.com](mailto:kristen.gulick@tetrattech.com)

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**From:** Gulick, Kristen  
**Sent:** Monday, June 27, 2022 10:52 AM  
**To:** Kevin Kennedy <[KennedyK@cityofboardman.com](mailto:KennedyK@cityofboardman.com)>  
**Subject:** ATTENTION/RESPONSE REQUIRED: Boardman Public Works Agreement with Wheatridge Renewable Energy Facility East/Wheatridge Wind/Solar Project  
**Importance:** High

Hello,

I am contacting you on behalf of the proposed Wheatridge Renewable Energy Facility East (WREFE) <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREF-I.aspx>. WREFE would be collocated and operated by the same owners (NextEra) as already constructed, operational Wheatridge Renewable Energy Facilities (Wheatridge). WREFE would be an up to 300-megawatt wind energy generation facility with related or supporting facilities in Umatilla and Morrow County,

Oregon. More information on Wheatridge can be found here:

<https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WRW.aspx>,  
<https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREF-I.aspx>,  
<https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREF-II.aspx>, and  
<https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREFIII.aspx>; and more  
information on WREFE can be found here: <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREFE.aspx>

Correspondence was received from you in 2014 as well as 2018 confirming that the Boardman Public Works will be able to supply water (300,000 gallons/month during non-seasonal usage, 150,000 gallons during seasonal usage [June 1-September 30]) as needed for Wheatridge. Please see attached records of correspondence. Therefore, we are hoping you could provide an updated letter confirming that you can provide the same amount for WREFE. This amount is our current, conservative estimate of water needed from Boardman Public Works for facility construction over a 9 to 12-month period. Please advise if you can provide greater water quantities than previously stated.

Tetra Tech is under contract to NextEra through the Oregon Dept. of Energy's (ODOE) permitting process. To this end, we will provide to ODOE evidence of consultation with local municipalities that we have been in contact regarding obtaining water for the construction of WREFE. At this point in the process, NextEra is not required to have entered into a contract with the Boardman Public Works for water supply, we just need to demonstrate to ODOE that we have been in consultation with the Boardman Public Works and that yes, you are licensed to supply water to NextEra, how much, your water right permit number(s; 40336 and 2624), and seasonal constraints. Any letter from you to me on this subject does not constitute a contract and you are under no obligation to supply water for the facility, we just need to demonstrate to ODOE that you have water to sell and that we could use as a water supplier if we, at a later date, come to an agreement to do so.

If you could please provide an updated letter addressing the Wheatridge Renewable Energy Facility East as soon as possible, that would be greatly appreciated. It can be a statement on your letterhead with your signature if you like, or even a reply to this email.

Thank you!

**Kristen Gulick (she/her)** | Environmental Planner II | Tetra Tech  
Mobile (541) 740-3316 | [kristen.gulick@tetrattech.com](mailto:kristen.gulick@tetrattech.com)

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**Attachment O-2. Record of  
Correspondence with Stanfield Public  
Works Department**

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**From:** [Scott Morris](#)  
**To:** [Gulick, Kristen](#)  
**Subject:** RE: ATTENTION/RESPONSE REQUESTED: Stanfield Public Works Agreement with Wheatridge Renewable Energy Facility East/Wheatridge Wind/Solar Project  
**Date:** Monday, July 11, 2022 1:27:53 PM  
**Attachments:** [image002.png](#)

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Kristen,

To your request to purchase water from the City of Stanfield. The city is able to supply water from October thru June as these are not our high usage months. We would be able to supply 60,000 gallons of water per day.

Thank you

Scott Morris  
Public Works Director  
City of Stanfield  
541-561-8292

---

**From:** Gulick, Kristen [mailto:Kristen.Gulick@tetrattech.com]  
**Sent:** Monday, July 11, 2022 10:30 AM  
**To:** Scott Morris <smorris@cityofstanfield.com>  
**Cc:** tmorris@cityofstanfield.com; citymanager@cityofstanfield.com  
**Subject:** FW: ATTENTION/RESPONSE REQUESTED: Stanfield Public Works Agreement with Wheatridge Renewable Energy Facility East/Wheatridge Wind/Solar Project  
**Importance:** High

Hello,

I am contacting you on behalf of the proposed Wheatridge Renewable Energy Facility East (WREFE). WREFE would be collocated and operated by the same owners (NextEra) as already constructed, operational Wheatridge Renewable Energy Facilities (Wheatridge). WREFE would be an up to 300-megawatt wind energy generation facility with related or supporting facilities in Umatilla and Morrow County, Oregon. More information on Wheatridge can be found here: <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WRW.aspx>, <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREF-I.aspx>, <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREF-II.aspx>, and <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREFIII.aspx>; and more information on WREFE can be found here: <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREFE.aspx>

Correspondence was received from you in 2014 as well as 2018 confirming that the Stanfield Public Works will be able to supply water (60,000 gallons/day or 1.8 million gallons/month) as needed for Wheatridge. Please see attached records of correspondence. Therefore, we are hoping you could

provide an updated letter confirming that you can provide the same amount for WREFE. This amount is our current, conservative estimate of water needed from Stanfield Public Works for facility construction over a 9 to 12-month period.

Tetra Tech is under contract to NextEra through the Oregon Dept. of Energy's (ODOE) permitting process. To this end, we will provide to ODOE evidence of consultation with local municipalities that we have been in contact regarding obtaining water for the construction of WREFE. At this point in the process, NextEra is not required to have entered into a contract with the Stanfield Public Works for water supply, we just need to demonstrate to ODOE that we have been in consultation with the Stanfield Public Works and that yes, you are licensed to supply water to NextEra, how much, your water right permit number(s; 12224 and 66058), and seasonal constraints. Any letter from you to me on this subject does not constitute a contract and you are under no obligation to supply water for the facility, we just need to demonstrate to ODOE that you have water to sell and that we could use as a water supplier if we, at a later date, come to an agreement to do so.

If you could please provide an updated letter addressing the Wheatridge Renewable Energy Facility East as soon as possible, that would be greatly appreciated. It can be a statement on your letterhead with your signature if you like, or even a reply to this email.

Thank you!

**Kristen Gulick (she/her)** | Environmental Planner II | Tetra Tech  
Mobile (541) 740-3316 | [kristen.gulick@tetrattech.com](mailto:kristen.gulick@tetrattech.com)

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# **Attachment O-3. Record of Correspondence with Port of Morrow**

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July 26, 2022

Tetra Tech, Inc.  
Robert Friedel – GISP  
GIS Coordinator / Project Manager  
1750 SW Harbor Way, Suite 400  
Portland, OR 97201

Re: Water Availability

Dear Mr. Friedel:

The Port of Morrow owns three Industrial Parks in Morrow County. One is located in Boardman, another one is located six miles west of Boardman at the Port's Airport and one is near Heppner, at the old Kinzua Mill site. At two of those locations, we have water that might be available to sell to the Wheatridge Project.

In Boardman we have several wells and deliver water to many industries located here. We also purchase water from the City of Boardman on a contractual basis and resell to Industries.

With our water sources as well as our agreement with the City of Boardman, we may have adequate water supply to sell you the 6.5 million gallons per month from that system. We may also be able to sell you that amount from the site in Heppner

If you need any additional information, please don't hesitate to contact me.

Regards,

Mark Patton  
Chief Operations Officer  
541.571.1311  
[markp@portofmorrow.com](mailto:markp@portofmorrow.com)

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**Attachment O-4. Record of  
Correspondence with Hermiston Water  
Department**

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**From:** [Roy Bicknell](#)  
**To:** [Gulick, Kristen](#); [Alex Mccann](#)  
**Subject:** RE: ATTENTION/RESPONSE REQUESTED: Hermiston Water Department Agreement with Wheatridge Renewable Energy Facility East/Wheatridge Wind/Solar Project  
**Date:** Monday, September 19, 2022 11:11:27 AM  
**Attachments:** [image005.png](#)

**CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments.

Kristen

At this point, it appears the City of Hermiston could still provide water for this project.

Please let me know if you need any additional information.

Thank you~Roy

Roy Bicknell  
Water Superintendent  
City of Hermiston  
541-567-5521



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**From:** Gulick, Kristen <Kristen.Gulick@tetrattech.com>  
**Sent:** Monday, September 19, 2022 10:51 AM  
**To:** Roy Bicknell <rbicknell@hermiston.or.us>; Alex Mccann <amccann@hermiston.or.us>; Roy Bicknell <rbicknell@hermiston.or.us>  
**Subject:** ATTENTION/RESPONSE REQUESTED: Hermiston Water Department Agreement with Wheatridge Renewable Energy Facility East/Wheatridge Wind/Solar Project  
**Importance:** High

***STOP and VERIFY This message came from outside of the City of Hermiston***

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Hello,

I just wanted to check in to see if you are receiving these messages. I believe my first message was sent back on June 27, 2022 to all potential water providers for the facility. A response would be

appreciated as soon as you are able. Just a reminder that any letter from you to me in regard to supplying water does not constitute a contract and you are under no obligation to supply water for the facility. See

Let me know if there are any questions or concerns and please do let me know once you have received this message.

Thank you!

**Kristen Gulick (she/her)** | Environmental Planner II | Tetra Tech  
Mobile (541) 740-3316 | [kristen.gulick@tetratech.com](mailto:kristen.gulick@tetratech.com)

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**From:** Gulick, Kristen  
**Sent:** Monday, July 25, 2022 10:22 AM  
**To:** [rbicknell@hermiston.or.us](mailto:rbicknell@hermiston.or.us)  
**Cc:** [amccann@hermiston.or.us](mailto:amccann@hermiston.or.us); [water@hermiston.or.us](mailto:water@hermiston.or.us)  
**Subject:** FW: ATTENTION/RESPONSE REQUESTED: Hermiston Water Department Agreement with Wheatridge Renewable Energy Facility East/Wheatridge Wind/Solar Project  
**Importance:** High

Hello,

I am contacting you on behalf of the proposed Wheatridge Renewable Energy Facility East (WREFE). WREFE would be collocated and operated by the same owners (NextEra) as already constructed, operational Wheatridge Renewable Energy Facilities (Wheatridge). WREFE would be an up to 300-megawatt wind energy generation facility with related or supporting facilities in Umatilla and Morrow County, Oregon. More information on Wheatridge can be found here: <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WRW.aspx>, <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREF-I.aspx>, <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREF-II.aspx>, and <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREFIII.aspx>; and more information on WREFE can be found here: <https://www.oregon.gov/energy/facilities-safety/facilities/Pages/WREFE.aspx>

Correspondence was received from you in 2014 as well as 2018 confirming that the Hermiston Water Department will be able to supply water (2.2 million gallons/month) as needed for Wheatridge. Please see attached records of correspondence. Therefore, we are hoping you could provide an updated letter confirming that you can provide the same amount for WREFE. This amount is our current, conservative estimate of water needed from the Hermiston Water Department for facility construction over a 9 to 12-month period. Please advise if you can provide

greater water quantities than previously stated.

Tetra Tech is under contract to NextEra through the Oregon Dept. of Energy's (ODOE) permitting process. To this end, we will provide to ODOE evidence of consultation with local municipalities that we have been in contact regarding obtaining water for the construction of WREFE. At this point in the process, NextEra is not required to have entered into a contract with the Hermiston Water Department for water supply, we just need to demonstrate to ODOE that we have been in consultation with the Hermiston Water Department and that yes, you are licensed to supply water to NextEra, how much, your water right permit number(s; G6831), and seasonal constraints. Any letter from you to me on this subject does not constitute a contract and you are under no obligation to supply water for the facility, we just need to demonstrate to ODOE that you have water to sell and that we could use as a water supplier if we, at a later date, come to an agreement to do so.

If you could please provide an updated letter addressing the Wheatridge Renewable Energy Facility East as soon as possible, that would be greatly appreciated. It can be a statement on your letterhead with your signature if you like, or even a reply to this email.

Thank you!

**Kristen Gulick (she/her)** | Environmental Planner II | Tetra Tech  
Mobile (541) 740-3316 | [kristen.gulick@tetratech.com](mailto:kristen.gulick@tetratech.com)

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**TETRA TECH**

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