Exhibit O

Water Requirements

Yellow Rosebush Energy Center
September 2025

Prepared for
Yellow Rosebush Energy Center, LLC

Prepared by

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Acronyms and Abbreviations

Applicant	Yellow Rosebush Energy Center, LLC
DVWD	Deschutes Valley Water District
EFSC	Oregon's Energy Facility Siting Council
Facility	Yellow Rosebush Energy Center
Mgal	million gallons
MW	megawatt
OAR	Oregon Administrative Rules
O&M	operations and maintenance
ORS	Oregon Revised Statute
OWRD	Oregon Water Resources Department

1.0 Introduction

Yellow Rosebush Energy Center, LLC (Applicant) seeks to develop the Yellow Rosebush Energy Center (Facility), a solar energy generation facility, battery energy storage system, and related or supporting facilities in Wasco and Sherman counties, Oregon. This Exhibit O was prepared to meet the submittal requirements in Oregon Administrative Rules (OAR) 345-021-0010(1)(o).

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

Construction water use is estimated at a maximum of approximately 36.4 million gallons (Mgal; up to 62,917 gallons [gal] per day) over the phased construction of the Facility and under annual average conditions. As described in Exhibit B, construction will occur in phases. This analysis accounts for the conservative estimate of construction water use for full build-out of the Facility. Water during construction will be used for site dust control, road compaction, concrete mixing for foundations, and on-site worker drinking water and sanitation (Table O-1).

- **Site dust control**. The primary use of water during construction will be for dust control on access roads.[1] The analysis in Table O-1 assumes that Facility access roads within the site boundary will be watered multiple times each day during construction. Water use for dust control assumes 100,000 gal per day, 6 days per week, during construction. Actual water use for dust control will vary, depending on the timing of construction and the season, precipitation, soil conditions, temperature, and frequency of repeat disturbance. These factors are not controlled or easily estimated by the contractor.

Worst-case water use amounts may result from construction in particularly dry weather conditions with high temperatures, which are estimated to increase water use for dust control by approximately 50 percent over average conditions. Based on this assumption, a worst-case water estimate could increase the total construction water use total to approximately 54.5 Mgal for full build-out of the Facility. Therefore, the worst-case average monthly water demand for construction

[1] Note that other dust suppressants besides water may be used as necessary during extreme drought conditions (synthetic polymer emulsions, chemical suppressants, organic glues, and wood fiber materials) depending on site conditions (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).

and dust control will become approximately 1.51 Mgal, and the average daily water demand (6-day work week) will increase to approximately 62,917 gal.

- **Road compaction**. Water for road construction assumes 25 gal per lineal foot of road. Exhibit B identifies approximately 27 miles of roads (24.8 miles of new permanent service roads and approximately 2.1 miles of improvements to existing roads). Approximately 148,500 gal of water per month will be used for Facility service road construction, existing road improvements, and earthwork compaction.

  Note, water for both 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 that will be implemented by the 1200-C Construction Stormwater National Pollutant Discharge Elimination System Permit described in Exhibit I.

- **Concrete mixing**. Concrete mixing for foundations will use a standard assumption of 39 gal of water per cubic yard of concrete. Exhibit G identifies 38,211 cubic yards of concrete needed for foundations and the associated water use is listed for each foundation type in Table O-1. For the construction of foundations, the Applicant anticipates buying concrete directly from licensed suppliers in the Facility area. Thus, the water used for concrete mixing will be provided by the concrete suppliers under their existing permits. However, water for concrete production is included in this analysis to represent the maximum anticipated water needs for Facility construction.

- **Drinking water and sanitation**. For drinking and sanitation needs, it is assumed that approximately 3 gal per day (6-day work week) per person will be used for construction workers (162 average on-site workers) over the phased construction period.

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 needed to make concrete. Actual Facility construction will be phased and there will be a focused effort to maximize efficiency and limit water use to the extend practical. Overall, daily water use will vary depending on site conditions and construction activities. Weather in the area each day could affect the amount of water needed for dust control and for specific construction activities. Water use for construction is estimated at approximately 36.4 Mgal under average annual conditions and a maximum of approximately 54.5 Mgal under worst-case dry weather conditions described above. Total water demand is estimated over the course of phased construction using a conservative 6-day work week.

Fire prevention represents a minor water use; this will involve stationing a water truck at the job site to keep the ground and vegetation moist at work areas during extreme fire risk conditions.

Table O-1. Water Use During Construction

Construction Use	Quantity
Site dust control	31.2 million gallons (Mgal; average annual conditions)
	46.8 Mgal (worst-case conditions)
Road compaction	3.56 Mgal
Concrete mixing	-
• Solar array tracker piles1/	311,715 gal
• Transmission line support structure foundations	78,000 gal
• Inverter/transformer pad foundations	283,530 gal
• Battery pad foundations	653,250 gal
• Collector substation foundation	62,400 gal
• O&M building foundation	7,800 gal
Total water for concrete mixing	1.397 Mgal
Drinking water/sanitation	280,000 gal
Total Construction	36.4 Mgal (average) to 54.5 Mgal (worst-case)

Notes:

1/ In some soil conditions, concrete backfill may be needed for pile installation. For the purposes of analysis in this ASC approximately 10 percent of piles are estimated to use concrete foundations. Pile foundations are estimated to use approximately 0.3 cubic yards of concrete per foundation, if needed.

2.2 Operation

Water use during operation of the Facility will be limited. The two primary water uses during Facility operations are at the O&M building and for periodic solar panel washing, as needed.

- **O&M building water use**. Water will be used during operation of the Facility at the O&M building for drinking, kitchen use, showers, and toilets. The battery energy storage system will not use water during operations. Total water consumption at the O&M building for up to 15 full-time equivalent staff is anticipated to be approximately 50 gal per day, for a total of up to 12,500 gal per year.
- **Solar panel washing**. Although the need to conduct solar panel washing is not anticipated, this analysis incorporates water use in Facility operations for periodic solar panel washing, if needed. The potential for solar panel washing will be dependent on weather conditions. For example, during drought conditions when there is more dust, the panels may need washing. However, the panels will not all be cleaned at the same time, but rather in segments, or targeted to underperforming panels to minimize the need for large quantities

of water at one time. For the purpose of this analysis, it is conservatively assumed that the solar array panels will be washed once a year. At an estimated 0.26 gal (1 liter) per panel for a total of 2,037,360 panels will use approximately 521,000 gal per year. The use of 521,000 gal per year for this purpose will result in an average daily consumption during operations of approximately 1,427 gal. Advancements in robotic and waterless panel cleaning techniques have the potential to dramatically reduce or avoid the water needs for solar panel washing. Therefore, the Applicant's estimate of 521,000 gal per wash annually likely overestimates the amount of water that will actually be used.

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;

During construction of the Facility, approximately 62,917 gal of water are anticipated to be used each day for a variety of activities, with 36.4 to 54.5 Mgal used during the phased construction process (Table O-1). The Applicant or the Applicant's third-party construction contractor will obtain construction water from an existing municipal water source with existing water rights or from participating and adjacent landowners and truck the water to the site. The Applicant has corresponded with the Deschutes Valley Water District (DVWD), the City of Wasco, and the City of Maupin and all are able to provide bulk water.[2] DVWD has stated it will be able to meet all of the water demands estimated by the Facility. The City of Wasco has stated it would be able to provide a portion up to all of the Facility water needs depending on competing water demands at the time. The City of Maupin has stated it would also be able to provide all or part of the Facility water needs once repairs to its water reservoir are complete.

Two landowners (one participating, one adjacent) have also offered to provide water during construction using existing wells and limited licenses. If the Applicant opts to secure water from the landowners, the Applicant will work with the landowners to ensure that the landowners obtain all necessary authorizations, such as a limited license, from the Oregon Water Resources Department (OWRD). Each landowner believes their well(s) would be able to provide sufficient water to meet the entire Facility water needs. The productivity of the wells would be confirmed as part of the limited license application review process conducted by OWRD and specific flow rates would be established. During construction of the Facility, approximately 62,917 gal of water are anticipated to be used each day for a variety of activities with 36.4 to 54.5 Mgal used during the phased construction process (Table O-1).

[2] Email correspondence with Nick Smith (City of Maupin City Manager; Attachment O-1) indicated that prior to infrastructure repairs, the City of Maupin will not be able to provide bulk water at this time. However, due to the multi-year construction timeframe, the Applicant anticipates that the City of Maupin will have completed its repairs and be able to provide bulk water during the construction phases.

The Applicant may construct either an exempt well, allowed under ORS 537.545, or obtain bulk water from a municipal water source with existing water rights for the O&M building. Generally, water used during operation of the Facility at the O&M building is anticipated to be less than 5,000 gal per day and 60,000 gal annually. During operation the annual panel washing may use approximately 521,000 gal of water each year. The Applicant intends to obtain this water from one or more of the municipal water sources discussed above using a bulk water agreement. Each source has confirmed that they sell bulk water (Attachments O-1 through O-5).

4.0 Wastewater and Water Loss – OAR 345-021-0010(1)(o)(C)

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;

4.1 Construction

Water use for concrete production and dust control will result in water loss primarily through evaporation from wetted road surfaces and from curing concrete. No water used on the site will be discharged into wetlands, streams, and other waterways. Due to the dry conditions at the proposed 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 or near the proposed Facility site boundary, primarily through evaporation and infiltration.

Construction-related stormwater runoff will be managed according to an NPDES 1200-C permit and the Applicant will follow Oregon Department of Environmental Quality (ODEQ) rules governing construction stormwater runoff. Most of the area within the site boundary is vegetated, which will serve as a buffer to promote infiltration and minimize erosion. Likewise, the Applicant will follow ODEQ rules regarding the disposal of sanitary wastewater and use of portable toilets.

4.2 Operation

Minimal wastewater or water loss will be generated during operations. Wastewater from domestic and incidental uses at the O&M building will be discharged to a county-approved septic system located near the O&M building. During periodic washing of solar panels (approximately once per year), wash water will evaporate or infiltrate into the ground. Water from this activity will not be discharged into wetlands, streams, or waterways. As indicated above, battery storage will not generate wastewater during operations. Stormwater will also infiltrate into the ground.

5.0 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;

During construction, the proposed Facility will not need groundwater permits, water rights, or surface water Permits. Water for construction will be obtained from one or more existing municipal water rights. Water obtained from a municipal water source does not require a permit or transfer per OAR 690-300-0010(29), because an existing municipal water right allows use for industrial purposes such as the Facility (OAR 690-300-0010(29)). If the Applicant opts to secure water from the landowners, the Applicant will work with the landowners to ensure that the landowners obtain all necessary authorizations from OWRD. Landowners offering to provide water during construction would obtain limited licenses from OWRD to use water from existing well(s) on their property for construction purposes as provided by ORS 537.143 and 537.144. Each license only allows water to be used for construction for a maximum of five consecutive years and is authorized using a separate process from a groundwater permit, a surface water permit, or a water right transfer.[3] Pursuant to ORS 537.143(2), a limited license is subordinate to all other authorized uses that rely upon the same source, or water affected by the source, and may be revoked at any time by OWRD if it is determined the use causes injury to any other water right or minimum perennial streamflow.

Daily use of water during operation will be minimal and qualify as exempt under ORS 537.545(1)(f), which allows certain industrial or commercial uses of up to 5,000 gal per day. Exempt industrial water uses include drinking, flushing toilets, using sinks, and other general industrial uses. For the O&M building water and annual solar panel washing during operations, the Applicant expects to rely on an exempt well allowed under ORS 537.545, or to obtain bulk water from a municipal water source with existing water rights, such as DVWD, the City of Wasco, or the City of Maupin, that will be trucked to the Facility.

During operations, an anticipated 521,000 gal per year of water may be used to wash the solar panels and maintain the overall efficiency of the panels. Wash water for periodic solar panel washing will be obtained from a municipality or from an existing permitted source. If water is obtained from either an existing or newly constructed well(s), the maximum daily withdrawal will be less than 5,000 gal per day. As necessary, the Applicant may purchase water from landowner(s) with an existing water right that meets the intended use pursuant to ORS 537.545. As a result, the

[3] *Limited Licenses*, accessed July 2025. https://www.oregon.gov/owrd/programs/waterrights/otherauth/pages/ll.aspx

proposed Facility will not need a groundwater permit, a surface water permit or a water right transfer for water use during operation.

6.0 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 occur from proposed Facility water use during construction or operation. Solar energy facilities have minimal water requirements. Because construction and operation of the Facility will not create significant impacts on water resources, no mitigation measures are proposed.

7.0 Submittal Requirements and Approval Standards

7.1 Submittal Requirements

Table O-2. Submittal Requirements Matrix

Requirement	Location
OAR 345-021-0010(1)(o) Information about anticipated water use during construction and operation of the proposed facility. The applicant must include:	-
(A) A description of the use of water during construction and operation of the proposed facility;	Section 2.0
(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;	Section 3.0
(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;	Section 4.0
(D) For thermal power plants, a water balance diagram, including the source of cooling water and the estimated consumptive use of cooling water during operation, based on annual average conditions;	N/A
(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;	Section 5.0
(F) If the proposed facility would need a groundwater permit, a surface water permit or a water right transfer, information to support a determination by the Council that the Water Resources Department should issue the permit or transfer of a water use, including information in the form required by the Water Resources Department under OAR Chapter 690, Divisions 310 and 380; and	N/A
(G) A description of proposed actions to mitigate the adverse impacts of water use on affected resources.	Section 6.0

7.2 Approval Standards

OAR 345 Division 22 does not provide an approval standard specific to Exhibit O.

Attachment O-1. Record of Correspondence with the City of Maupin

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McLaneGodwin, Linsey

From: Nick Smith <nsmith@cityofmaupin.org>
Sent: Tuesday, December 17, 2024 2:01 PM
To: McLaneGodwin, Linsey
Cc: Christine Wolfe
Subject: RE: Yellow Rosebush Energy Center Water Supply Confirmation Request

Linsey,

Because of current troubles with our water infrastructure, we are unable to provide bulk water sales at this time. We are working on funding to make the necessary repairs but it may be some time before the repairs are complete.

Thanks for reaching out to us,

Nick Smith
City Manager
541-395-2698 | 541-993-7728
507 Grant Avenue | PO Box 308
Maupin, OR 97037
cityofmaupin.org

From: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Sent: Monday, December 16, 2024 2:06 PM
To: Nick Smith <nsmith@cityofmaupin.org>; Doni Van Dolah <dvandolah@cityofmaupin.org>; City Hall <cityhall@cityofmaupin.org>
Cc: 'Jeff Watson' <jwatson@savionenergy.com>; Hicks, Paul <Paul.Hicks@tetratech.com>; Christopher Powers <cpowers@savionenergy.com>
Subject: RE: Yellow Rosebush Energy Center Water Supply Confirmation Request

Greetings,

We are needing confirmation of bulk water availability. Please provide the best point of contact for the following:

We have an updated estimate of water needs and construction timeline for the Yellow Rosebush Energy Center. Please verify if the City of Maupin will be able to provide water based on the following parameters:

The construction period has been lengthened to two phases with each taking up to three years to complete. Construction water use is estimated at a maximum of approximately 36.4 million gallons (Mgal; up to 62,917 gallons per day) over the phased construction of the Facility and under annual average conditions. A worst-case water estimate

could increase the total construction water use total to approximately 54.5 Mgal for full build-out of the Facility, with approximately 1.51 Mgal per month.

Could you also re-confirm that the permit that would be used to obtain the water is still permit number is 00510?

Please let me know if you need additional information.

Thanks,
Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

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From: McLaneGodwin, Linsey
Sent: Thursday, November 21, 2024 3:48 PM
To: Nick Smith <nsmith@cityofmaupin.org>
Cc: 'Jeff Watson' <jwatson@savionenergy.com>; Hicks, Paul <Paul.Hicks@tetratech.com>; Christopher Powers <cpowers@savionenergy.com>
Subject: RE: Yellow Rosebush Energy Center Water Supply Confirmation Request

Hi Nick,

I received an error from Bronte's email address. Is there another person I should contact about bulk water availability?

Thanks,
Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

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From: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Sent: Wednesday, November 20, 2024 3:20 PM
To: Bronte Dod <bdod@cityofmaupin.org>
Cc: Jeff Watson <jwatson@savionenergy.com>; Hicks, Paul <Paul.Hicks@tetratech.com>; Nick Smith <nsmith@cityofmaupin.org>; Christopher Powers <cpowers@savionenergy.com>
Subject: RE: Yellow Rosebush Energy Center Water Supply Confirmation Request

Hi Bronte,

We have an updated estimate of water needs and construction timeline for the Yellow Rosebush Energy Center. Please verify if the City of Maupin will be able to provide water based on the following parameters:

The construction period has been lengthened to two phases with each taking up to three years to complete. Construction water use is estimated at a maximum of approximately 36.4 million gallons (Mgal; up to 62,917 gallons per day) over the phased construction of the Facility and under annual average conditions. A worst-case water estimate could increase the total construction water use total to approximately 54.5 Mgal for full build-out of the Facility, with approximately 1.51 Mgal per month.

Could you also re-confirm that the permit that would be used to obtain the water is still permit number is 00510?

Please let me know if you need additional information.

Thanks,
Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

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From: Bronte Dod <bdod@cityofmaupin.org>
Sent: Thursday, March 14, 2024 9:26 AM
To: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Cc: Jeff Watson <jwatson@savionenergy.com>; asolsby <asolsby@savionenergy.com>; Hicks, Paul <Paul.Hicks@tetratech.com>; Nick Smith <nsmith@cityofmaupin.org>
Subject: RE: Yellow Rosebush Energy Center Water Supply Confirmation Request

Hi Linsey,
Yes, sorry for the delay. The City of Maupin can sell bulk water. Our permit number is 00510.
Thanks,

Bronte Dod
Administrative Assistant/Utility Billing Clerk
Office: 541-395-2698 | Cell: 541-777-7758
507 Grant Avenue | PO Box 308
Maupin, OR 97037
cityofmaupin.org

From: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Sent: Thursday, March 14, 2024 9:22 AM
To: Bronte Dod <bdod@cityofmaupin.org>
Cc: Jeff Watson <jwatson@savionenergy.com>; asolsby <asolsby@savionenergy.com>; Hicks, Paul <Paul.Hicks@tetratech.com>
Subject: RE: Yellow Rosebush Energy Center Water Supply Confirmation Request

Hi Bronte,

Could you confirm receipt of my email below?

Thanks,
Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 3PM**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

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From: McLaneGodwin, Linsey
Sent: Tuesday, March 12, 2024 2:05 PM

To: bdod@cityofmaupin.org
Cc: Jeff Watson <jwatson@savionenergy.com>; Anneke Solsby <asolsby@savionenergy.com>; Hicks, Paul <Paul.Hicks@tetratech.com>
Subject: Yellow Rosebush Energy Center Water Supply Confirmation Request

Hi Bronte,

Thanks for your call today. As I mentioned on the phone, I am contacting you on behalf of the proposed Yellow Rosebush Energy Center (Yellow Rosebush). Yellow Rosebush is a proposed up to 800-megawatt solar photovoltaic power generation facility and an up to 800 MW battery energy storage system in Wasco County, Oregon owned by Savion, LLC (Savion). More information on Yellow Rosebush can be found here: https://www.oregon.gov/energy/facilities-safety/facilities/Pages/YRB.aspx

Our current, conservative, estimate of water anticipated for facility construction dispersed over a 12 to 18-month period is 155 – 230 million gallons (approximately 15,000 gallons a day). Once in operation the facility would need around one million gallons per year for panel washing. Savion would use trucks to bring the water to the facility. Tetra Tech is under contract to Savion 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 Yellow Rosebush.

At this point in the process, Savion is not required to have entered into a contract with the Maupin Public Works for water supply, we just need to demonstrate to ODOE that we have been in consultation with the Maupin Public Works and that yes, you are licensed to supply water to Savion, *how much you are able to provide, your water right permit number(s)*, and any 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 a letter addressing Yellow Rosebush 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 in advance and let me know if you have any questions!

Sincerely,
Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 3PM**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

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Attachment O-2. Record of Correspondence with A & K Ranches

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McLaneGodwin, Linsey

From: Sage Canyon River Co. <kreinconsulting@yahoo.com>
Sent: Monday, February 17, 2025 6:21 PM
To: McLaneGodwin, Linsey
Cc: Jeff Watson; Hicks, Paul; Christopher Powers
Subject: Re: Yellow Rosebush Water Supply - A&K Ranches

Yes,

I filed for 5 years the other day with the water resources department. I am anticipating no problems with it as we have had one previously.

We also have multiple wells if we need to file another application part way through the project to get us to 2035.

I believe I filed for more than your daily needs.

I am in and out of the office for the next few days / mostly checking emails after 5pm

Let me know if you need anything else from me

Thanks Bob

541-815-0721

On Monday, February 17, 2025 at 12:32:48 PM PST, McLaneGodwin, Linsey <linsey.mclanegodwin@tetratech.com> wrote:

Hi Bob,

Thank you for your interest in supplying the Yellow Rosebush Energy Center (Project) with water. Please reply and confirm the following is accurate and provide us with the well ID#(s) for the well(s) you intend to use:

You have stated that you would obtain a temporary license from the Oregon Water Resources Department to use the water for construction purposes. A limited license provides water for a maximum of 5 consecutive years. If the Project is approved and you and the developer enter into a formal agreement, you intend to obtain a limited license and supply the estimated water needs described below for the duration of the license.

Estimated Water Needs: Our current, conservative, estimate of water anticipated for facility construction dispersed over two phases of up to 3 years each is 36.4 – 54.5 million gallons (approximately 62,917 gallons a day). Construction is estimated to start summer 2027 and end by 2035.

Thanks,

Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

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McLaneGodwin, Linsey

From: Sage Canyon River Co. <kreinconsulting@yahoo.com>
Sent: Monday, February 17, 2025 6:26 PM
To: McLaneGodwin, Linsey
Subject: Fw: OWRD: Water Right Application LL1998 has been received

Here is a link for the application if needed

Thanks Bob

----- Forwarded Message -----
From: "wrd_automated_email@water.oregon.gov" <wrd_automated_email@water.oregon.gov>
To: "kreinconsulting@yahoo.com" <kreinconsulting@yahoo.com>; "wrd_dl_watermaster_district_3@water.oregon.gov" <wrd_dl_watermaster_district_3@water.oregon.gov>; "mary.f.bjork@water.oregon.gov" <mary.f.bjork@water.oregon.gov>
Sent: Tuesday, February 11, 2025 at 06:00:17 PM PST
Subject: OWRD: Water Right Application LL1998 has been received

Oregon Water Resources Department - Automated e-mail notice

This message is an acknowledgement of receipt of your application on 02/06/2025.

The Department has assigned your application number: LL1998

You may track the various processing steps in our Water Rights Information System (WRIS)
http://apps.wrd.state.or.us/apps/wr/wrinfo/wr_details.aspx?snp_id=228692

If you have provided an email address to receive your documents electronically, at various stages of the process you will receive future e-mails from the Department containing links to the documents.

This message has been generated automatically by an unmonitored email account. Please do not "reply" to this message. Thank you.

Attachment O-3. Record of Correspondence with Blaine Carver

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McLaneGodwin, Linsey

From: Blaine Carver <carvermag@yahoo.com>
Sent: Monday, February 17, 2025 4:04 PM
To: McLaneGodwin, Linsey
Subject: Re: Yellow Rosebush Water Supply - Carver

Linsey, Yes this is all correct. Thanks, Blaine

On Monday, February 17, 2025, 12:32:42 PM PST, McLaneGodwin, Linsey <linsey.mclanegodwin@tetratech.com> wrote:

Hi Blaine,

Thank you for your interest in supplying the Yellow Rosebush Energy Center (Project) with water. Please reply and confirm the following is accurate:

You have stated that your well (State Well No. 5S/16E-32BA, as provided on WASC 003752) produces up to 250 gallons per minute and that you would obtain a temporary license from the Oregon Water Resources Department to use the water for construction purposes. A limited license provides water for a maximum of 5 consecutive years. If the Project is approved and you and the developer enter into a formal agreement, you intend to obtain a limited license and supply the estimated water needs described below for the duration of the license.

Estimated Water Needs: Our current, conservative, estimate of water anticipated for facility construction dispersed over two phases of up to 3 years each is 36.4 – 54.5 million gallons (approximately 62,917 gallons a day). Construction is estimated to start summer 2027 and end by 2035.

Thanks,

Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

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1750 S Harbor Way, Suite 400 | tetratech.com

Attachment O-4. Record of Correspondence with Deschutes Valley Water District

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McLaneGodwin, Linsey

From: Joel Gehrett <jgehrett@dvwd.org>
Sent: Friday, February 28, 2025 9:45 AM
To: McLaneGodwin, Linsey
Cc: Hicks, Paul; Watson, Jeff SAVI-DRN/X; Powers, Chris SAVI-DRN/X
Subject: Re: Yellow Rosebush Energy Center Bulk Water Inquiry Deschutes Valley Water District

Linsey,

The Deschutes Valley Water District has the capacity to supply the water requested.

Joel Gehrett, P.E.

General Manager

Deschutes Valley Water District

881 S.W. Culver Hwy, Madras, OR 97741

O. 541.475.3849 C. 541.777.4169 W. DVWD.org

> On Feb 28, 2025, at 10:29 AM, McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com> wrote:
>
> Hi Joel,
>
> Could you please confirm that Deschutes Valley Water District would be able to provide water up to 62,917 gallons per day during construction; up from the 15,000 gallons per day provided in an earlier email? I have reviewed the water rights using the link you provided, but would still appreciate a confirmation from you regarding the increased daily demand by the Project for permitting purposes.
>
> Thanks,
> **Linsey McLane-Godwin** (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
> Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com
>
>

From: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Sent: Thursday, January 23, 2025 2:11 PM
To: Joel Gehrett <jgehrett@dvwd.org>
Cc: Hicks, Paul <Paul.Hicks@tetratech.com>; 'Jeff Watson' <jwatson@savionenergy.com>; 'Christopher Powers' <cpowers@savionenergy.com>
Subject: RE: Yellow Rosebush Energy Center Bulk Water Inquiry Deschutes Valley Water District

Hi Joel,

I've apologize, I previously sent you our initial water estimates, which have been updated to the following: Construction water use is estimated at a maximum of approximately 36.4 million gallons (Mgal; up to 62,917 gallons per day) over the phased construction of the Facility and under annual average conditions. A worst-case water estimate could increase the total construction water use total to approximately 54.5 Mgal for full build-out of the Facility, with approximately 1.51 Mgal per month.

Would the District be able to provide up to 62,917 gallons per day?

Thanks,
Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

From: Joel Gehrett <jgehrett@dvwd.org>
Sent: Wednesday, January 22, 2025 8:05 AM
To: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Cc: Hicks, Paul <Paul.Hicks@tetratech.com>; 'Jeff Watson' <jwatson@savionenergy.com>; 'Christopher Powers' <cpowers@savionenergy.com>
Subject: RE: Yellow Rosebush Energy Center Bulk Water Inquiry Deschutes Valley Water District

https://apps.wrd.state.or.us/apps/wr/wrinfo/Default.aspx?t=2

you can look up water rights at the link provided. One of our water rights has seasonal constraints but would not impact our ability to provide the requested water.

Joel Gehrett, P.E.
General Manager
Deschutes Valley Water District
881 S.W. Culver Hwy, Madras, OR 97741
O. 541.475.3849 C. 541.777.4169 W. DVWD.org

From: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Sent: Tuesday, January 21, 2025 1:51 PM
To: Joel Gehrett <jgehrett@dvwd.org>
Cc: Hicks, Paul <Paul.Hicks@tetratech.com>; 'Jeff Watson' <jwatson@savionenergy.com>; 'Christopher Powers' <cpowers@savionenergy.com>
Subject: RE: Yellow Rosebush Energy Center Bulk Water Inquiry Deschutes Valley Water District

Thanks Joel,

Could you also provide your water right permit number(s) and any seasonal constraints?

Thanks,
Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

From: Joel Gehrett <jgehrett@dvwd.org>
Sent: Tuesday, January 21, 2025 1:44 PM
To: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Cc: Hicks, Paul <Paul.Hicks@tetratech.com>; 'Jeff Watson' <jwatson@savionenergy.com>; 'Christopher Powers' <cpowers@savionenergy.com>
Subject: RE: Yellow Rosebush Energy Center Bulk Water Inquiry Deschutes Valley Water District

The Deschutes Valley Water District has the capacity to supply the water requested.

Joel Gehrett, P.E.
General Manager
Deschutes Valley Water District
881 S.W. Culver Hwy, Madras, OR 97741
O. 541.475.3849 C. 541.777.4169 W. DVWD.org

From: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Sent: Tuesday, January 21, 2025 1:29 PM
To: jgehrett@dvwd.org
Cc: Hicks, Paul <Paul.Hicks@tetratech.com>; Jeff Watson <jwatson@savionenergy.com>; Christopher Powers <cpowers@savionenergy.com>
Subject: Yellow Rosebush Energy Center Bulk Water Inquiry Deschutes Valley Water District

Hi Joel,

It was good speaking with you today. As I mentioned, I am contacting you on behalf of the proposed Yellow Rosebush Energy Center (Yellow Rosebush). Yellow Rosebush is a proposed up to 800-megawatt solar photovoltaic power generation facility and an up to 800 MW battery energy storage system in Wasco County, Oregon owned by Savion, LLC (Savion). More information on Yellow Rosebush can be found here: https://www.oregon.gov/energy/facilities-safety/facilities/Pages/YRB.aspx

Our current, conservative, estimate of water anticipated for facility construction dispersed over a 12 to 18-month period is 155 – 230 million gallons (approximately 15,000 gallons a day). Construction is estimated to start summer 2027. Once in operation the facility would need around one million gallons per year for panel washing. Savion would use trucks to bring the water to the facility. Tetra Tech is under contract to Savion 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 Yellow Rosebush.

At this point in the process, Savion is not required to have entered into a contract with the Deschutes Valley Water District for water supply, but we do need to understand how much of our estimated water need could be covered by the Deschutes Valley Water District and that you are appropriately licensed to supply bulk water to Savion. Please include how much you are able to provide, your water right permit number(s), and any seasonal constraints.

If you could please provide a letter addressing Yellow Rosebush as soon as possible, that would be greatly appreciated. It can be a reply to this email or a statement on your letterhead with your signature. Any response 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.

Thank you in advance and let me know if you have any questions!

Thanks,
Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

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1750 S Harbor Way, Suite 400 | tetratech.com

<image001.png>

<image002.png>

<image003.png>

<image004.png>
Climate positive and carbon negative by 2030. Read more
<image005.png>

Records/Page: 10

Download

	Contacts	Application	Permit	Certificate	Claim	Decree	Transfers	
Select	OWNER: DESCHUTES VALLEY WATER DISTRICT MADRAS, OR 97741	S23473	S18802	27796	PC850			NC
Select	OWNER: DESCHUTES VALLEY WATER DISTRICT RT 1 BOX 17 MADRAS, OR 97741	S32724	S26113	35632			T9535 (Changes this right)	NC
Select	OWNER: DESCHUTES VALLEY WATER DISTRICT RT 1 BOX 17 MADRAS, OR 97741	S43228	S32674	46049	PC863			NC
Select	OWNER: DESCHUTES VALLEY WATER DISTRICT RT 1 BOX 17 MADRAS, OR 97741	S56774	S43521	65840	PC870			NC
Select	OWNER: DESCHUTES VALLEY WATER DISTRICT 881 SW CULVER HWY MADRAS, OR 97741	G14721	G16548					NC
Select	OWNER: DESCHUTES VALLEY WATER DISTRICT RT 1 BOX 17 MADRAS, OR 97741	S48909	S36515				T14183 (Changes this right)	NC
Select	OWNER: DESCHUTES VALLEY WATER DISTRICT RT 1 BOX 17 MADRAS, OR 97741	S63249	S55026		PC869			NC
Select	OWNER: DESCHUTES VALLEY WATER DISTRICT 881 SW CULVER HWY MADRAS, OR 97741	S48909	S36515	97088			T9720	NC

Attachment O-5. Record of Correspondence with City of Wasco

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McLaneGodwin, Linsey

From: McLaneGodwin, Linsey
Sent: Friday, April 4, 2025 1:54 PM
To: McLaneGodwin, Linsey
Subject: FW: Yellow Rosebush Energy Center Bulk Water Inquiry City of Wasco

Confidential information redacted in black below.

Thanks,
Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

---

From: wascocity@gmail.com <wascocity@gmail.com>
Sent: Wednesday, February 12, 2025 1:08 PM
To: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Subject: RE: Yellow Rosebush Energy Center Bulk Water Inquiry City of Wasco

Hello Linsey,
Sorry for not getting back to you sooner. According to all my sources the city infrastructure would be able to handle up to 100,000 gallons a day of extra use. There would probably need to be an elevated tank setup to fill trucks, as has been done in the past by previous projects.

Where it gets difficult is that last year the city was reached out to by [redacted] on another possible project [redacted]. I have not heard anything more about that project and it is not listed on the energy siting website. I do not know if we could support both projects concurrently. The city has not signed any sales contracts or promises regarding that project.

Furthermore, I am still waiting for explicit clarification on the city's water rights, my contact has not emailed me back. He says it is fine, but when I look at the certificates, I have questions. I may need to reach out to OWRD directly.

I am sorry for the delay,

Ian Melzer
City Clerk
Wasco City Hall
PO Box 26, Wasco, OR 97065
(541) 442-5515

From: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Sent: Wednesday, February 12, 2025 10:11 AM

To: City Wasco <wascocity@gmail.com>
Cc: Hicks, Paul <Paul.Hicks@tetratech.com>; Jeff Watson <jwatson@savionenergy.com>; Christopher Powers <cpowers@savionenergy.com>
Subject: RE: Yellow Rosebush Energy Center Bulk Water Inquiry City of Wasco

Hi Ian,

Just wanted to follow up from my last email. Using the corrected daily water needs estimate, would the City of Wasco be able to provide water up to 62,917 gallons per day during construction? If not the total daily amount, could you provide the maximum amount the city could provide?

Thanks,
Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

---

From: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Sent: Thursday, January 23, 2025 2:09 PM
To: City Wasco <wascocity@gmail.com>
Cc: Hicks, Paul <Paul.Hicks@tetratech.com>; Jeff Watson <jwatson@savionenergy.com>; Christopher Powers <cpowers@savionenergy.com>
Subject: RE: Yellow Rosebush Energy Center Bulk Water Inquiry City of Wasco

Hi Ian,

Thanks for your response. I apologize for the incorrect water numbers. Our most current estimates are: Construction water use is estimated at a maximum of approximately 36.4 million gallons (Mgal; up to 62,917 gallons per day) over the phased construction of the Facility and under annual average conditions. A worst-case water estimate could increase the total construction water use total to approximately 54.5 Mgal for full build-out of the Facility, with approximately 1.51 Mgal per month.

If you are only able to provide a portion of the estimated gallons per day, please let us know what the maximum would be.

Thanks,
Linsey McLane-Godwin (she/her) | Environmental Planner | **Part-Time Remote: Hours 9AM to 4PM (Pacific Time)**
Office **+1 (503) 721-7215** | Mobile **+1 (541) 714-3060** | linsey.mclanegodwin@tetratech.com

---

From: City Wasco <wascocity@gmail.com>
Sent: Thursday, January 23, 2025 1:06 PM
To: McLaneGodwin, Linsey <LINSEY.MCLANEGODWIN@tetratech.com>
Cc: Hicks, Paul <Paul.Hicks@tetratech.com>; Jeff Watson <jwatson@savionenergy.com>; Christopher Powers <cpowers@savionenergy.com>
Subject: RE: Yellow Rosebush Energy Center Bulk Water Inquiry City of Wasco