

WATER SUPPLY PLAN (WSP) – New CAFO

(This form is for new or new Large CAFOs as defined in ORS 468B.215)

A complete WSP that identifies all sources of water that will be used to supply the level and duration of the water needs of the CAFO, including any ancillary operations, is required for all CAFOs. Submit the WSP to ODA with the CAFO application. ODA will submit the WSP to Oregon Water Resources Department (OWRD) to determine if the water uses identified are legally authorized and allowable. For operations that require more space than is provided in the below fields, please attach supporting documents referencing which section they are in support of.

SECTION I. CONTACT INFORMATION

Complete all of Section I. Parcel information can be found with your county or local land use authority and the watermaster district number can be found at: <https://www.oregon.gov/owrd/aboutus/contactus/pages/regionalofficesandwatermastersdirectory.aspx>

Operator Name:	_____ Gallons/day
Phone number:	_____
Email:	_____
Landowner Name (if different):	_____
Name of Operation:	_____
Address of Operation (Include all parcels associated with the NMP, list as Township, Range, Section, or Tax lot number):	_____ _____ _____ _____
Watermaster District of Operation:	District # _____

SECTION II. IRRIGATION WATER SUPPLY

If the proposed CAFO needs to irrigate to be in compliance with its Nutrient Management Plan (NMP), an irrigation water right is required. If irrigation is not proposed to be used, the total estimated needs should be recorded as 0 Gallons/day and the rest of the section can be left blank. If the CAFO is proposing to irrigate, all water sources must be listed including the allowed season of use associated with the authorized water uses.

Irrigated Acreage:	_____ Acres
Total Estimated needs:	_____ Gallons/day

SECTION II. IRRIGATION WATER SUPPLY (CONT.)

Existing irrigation water use authorization(s) Use # _____
(e.g., certificate, permit, registration, claim): Use # _____
Use # _____

Notes: _____

SECTION III. AGRICULTURAL COMMERCIAL/INDUSTRIAL WATER SUPPLY

If the proposed CAFO will use agricultural commercial/industrial water (e.g., cooling or washing livestock buildings, dust control, sanitizing milking/processing systems, etc.) in excess of the 5,000 gallons/day groundwater exemption (OAR 537.545(1)(f)), a water right is required. If water will not be used for agricultural processes, the total estimated needs should be recorded as 0 Gallons/day and the rest of the section can be left blank. If the CAFO is proposing to use agricultural water, all sources to supply those needs must be listed.

Total Estimated needs: _____ Gallons/day

Existing agricultural use authorization(s) Use # _____
(e.g., certificate, permit, registration, claim): Use # _____
Use # _____

☐ Check this box if the water right exemption for agricultural commercial/industrial uses of up to 5,000 gallons of groundwater per day (OAR 537.545(1)(f)) will meet the water use needs necessary to operate the proposed CAFO in accordance with its NMP. (Note: surface water is not included in this exemption.)

Exempt agricultural commercial/industrial water will come from...

Existing well(s): Well # _____
Well # _____
Well # _____
Well # _____

Notes: _____

SECTION IV. STOCKWATERING SUPPLY

Stockwater is an exempt use (ORS 537.545(1)(a) & 537.141(1)(f)) but new CAFOs have a 12,000 gallons/day cap on groundwater. To use more than 12,000 gallons/day of groundwater, a water right is required. Use the Livestock Water Consumption Table and **follow the instructions in Appendix A** to calculate the estimated stockwater needs for the proposed CAFO. All livestock drinking water sources and the number and type of animals as described in the NMP must be listed.

Total Estimated needs: _____ Gallons/day

Number of Animals by Type: _____

*An additional 25 animals 10% of animals was used to calculate total estimated needs.
(circle one)

Existing stockwater use authorization(s) Use # _____
 (e.g., certificate, permit, registration, claim): Use # _____
 Use # _____

☐ Check this box if the groundwater exemption for stockwater up to 12,000 gallons per day (ORS 537.545(1)(a)) will meet the water needs for the animal numbers listed in the NMP.

Exempt stockwater will come from...

Existing well(s): Well # _____
 Well # _____

Surface water source(s) (e.g., name of water Source desc. _____
 body, coordinates, parcel source is on): Source desc. _____

☐ Check this box if a surface water source is listed and the exempt use of surface water for stockwatering complies with ORS 537.141(1)(f).

Notes: _____

SECTION V. ALTERNATE WATER SUPPLIES/SOURCES

Please describe any alternate sources including municipalities, rainwater collection, delivery services, etc., that will supply the water needs of the CAFO and estimated amount of gallons per day these sources will provide:

Certified to be true by CAFO Applicant – Operator and Title

Print Name: _____

Signature: _____

Title: _____ Date: _____

For agency use only – Do not write below this line

Reviewed by ODA – Name and Title

Print Name: _____

Signature: _____

Title: _____ Date: _____

Reviewed by OWRD – Name and Title

☐ Water uses identified in the plan are **NOT** legally authorized and allowable.

Print Name: _____

Signature: _____

Title: _____ Date: _____

Conditions (if applicable):

☐ Meter required on source _____

☐ Submetering required on source _____

☐ Recording required on source _____

Explanation if necessary: _____

Appendix A.

To calculate estimated stockwater needs per day, use the animal types and numbers in the CAFO's approved NMP. Estimated needs should account for the allowance of permitted animal numbers plus 10% or 25 animals, whichever is greater. (Add an additional 10% to the total number calculated from permitted numbers or add the amount needed for 25 more animals). Record this final number in Section IV under total estimated needs in Gallons/day.

Animal	Age/Class	Drinking water consumption (gallons per day)
BEEF	Bull	20.6
	Lactating	20
	Gestating	17.5
	Calf	10
	Feeder cattle	24
DAIRY	Bull	20
	Milking cow	54
	Dry cow	15
	Heifer	10
	Calf	10
SWINE	Boar	6
	Sow	6
	Weaner	2
	Feeder	3
CHICKEN	Broiler	203.4/1000 birds
	Layer	84.5/1000 birds
	Breeder	85/1000 birds
	Pullet	48/1000 birds
TURKEY	15-21wk	300.9/1000 birds
	1-7wk	118.3/1000 birds
SHEEP/GOATS	Ram	2
	Gestating	2.5
	Lactating	3.5
	Lamb/kid	3.5
EQUINE	Horses	21.7
	Donkeys	15.6
	Mules	15.6
OTHERS	Consult with ODA	

*Please note, the agency recognizes the health and safety of livestock as a priority and the livestock water consumption table is just a tool to calculate estimated stock water needs.