

**BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON**

In the Matter of Butter Creek)	FINAL ORDER APPROVING
2007 Annual Allocation of Ground Water,)	ALLOCATION OF GROUND WATER
Under Water Right Certificate 68349,)	
Umatilla County, Oregon)	

Michael and Jane McCarty
26943 McCarty Ranch Lane
Echo, OR 97826

Oregon Revised Statute (ORS) 537.730 and 537.735 establish the process by which the Water Resources Commission may designate an area of the state as a critical ground water area. Oregon Administrative Rule (OAR) Chapter 690, Division 507 implements the statutes and provides the Department procedures and criteria for the purpose of managing the ground water resource and evaluating requests for allocation of ground water.

AUTHORITY

- 1) OAR 690-507-0610 states in pertinent part that the Director issued an order on August 18, 1986 declaring the Butter Creek Critical Ground Water Area. The order describes the exterior boundaries and divides the area into six subareas for the purpose of managing the ground water resource. Two additional subareas were created through rule adoption (OAR 690-507-0647). The response of ground water levels to pumpage from each subarea is largely independent of pumpage within other subareas.
- 2) OAR 690-507-0630 states in pertinent part that the use of water from the basalt ground water reservoir within the Butter Creek Critical Ground Water Area shall be limited to the sustainable annual yield, except as specified in OAR 690-507-0635 and 690-507-0670. Water from the basalt ground water reservoir in the Butter Creek Critical Ground Water Area shall be used for irrigation only during the irrigation season. The irrigation season begins on the 15th of March and ends on the 1st of November. No new applications for appropriation of water from the basalt ground water reservoir within the Butter Creek Critical Area shall be accepted.

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

- 3) OAR 690-507-0640 states in pertinent part that appropriation of ground water from the Butter Creek Critical Ground Water Area is prohibited unless the water user meets certain requirements. A water user authorized by OAR 690-507-0670 to pump water from the basalt ground water reservoir shall satisfy the following conditions:
- Wells shall have an access port with a minimum diameter of 3/4 inch. The access shall be adequate to determine the water level at any time.
 - A water user may install a functioning airline with a pressure gauge in addition to the access port.
 - A water user shall install and maintain a totalizing flow meter on each well authorized by OAR 690-507-0670. The meter shall meet the requirements of OAR 690-507-0645.
 - A water user shall record flow meter and power meter readings on a weekly basis at times when water is being used. The water user shall use forms provided by the Department and shall mail the readings to the Department in Salem by December 1st of the same year.
- 4) OAR 690-507-0650 states in pertinent part that each of the eight subareas in the Butter Creek Critical Ground Water Area shall be managed according to the sustainable annual yield within that subarea. The Department shall refine the sustainable annual yield value over time through the use of pumpage data and the response of ground water levels. The initial sustainable annual yield for each of the eight subareas was calculated using data from the 1983 through the 1989 irrigation seasons and is listed below by subarea followed by the sustainable annual yield in Acre Feet:
- North, 250 Acre Feet;
 - Section 21, 28 Acre Feet;
 - Echo Junction, 1,260 Acre Feet;
 - Fourmile Canyon, 1,300 Acre Feet;
 - West, 5,670 Acre Feet;
 - East, 720 Acre Feet;
 - Pine City, 4,150 Acre Feet;
 - South, 1,000 Acre Feet.
- 5) OAR 690-507-0670 states in pertinent part that the method for distributing the sustainable annual yield from the basalt ground water reservoir within each subarea in the Butter Creek Critical Ground Water Area is as follows:
- A water user who intends to pump water during any year shall make a request to the Department in Salem by July 1st of the preceding year on forms provided by the Department.

- The distribution of ground water shall be based on the priority dates of the water rights within the individual subarea.
- In determining the amount of ground water each water user is allocated to pump during the next calendar year or irrigation season, the Department may consider:
 - Request for allocations received;
 - The sustainable annual yield;
 - The limits of the ground water rights;
 - The relative dates of priority;
 - Historical usage;
 - Whether or not a water user is physically capable of pumping and putting to a beneficial use the quantity requested; and
 - Any other factors deemed appropriate by the Department.
- If pumpage for a particular year exceeds the sustainable annual yield for a subarea, the total subarea allocation for the second year after that occurrence shall be reduced by that volume.
- If any water user requests more water than has been historically used the Department may allocate less water than requested if, upon investigation, it appears unlikely the user will pump the volume requested.
- If any water user requests less water than has been historically used the Department may allocate more water than requested if, upon investigation, it appears likely that the user will pump more than the volume requested.

FINDINGS OF FACT

- 1) Certificate 68349 is for well UMAT 456 that develops water from the Columbia River Basalts. The permitted diversion is 4.44 cfs for 111.70 acres primary irrigation and 288.30 acres of supplemental irrigation with a priority date of March 4, 1952.
- 2) Michael McCarty is the most senior water right holder in the Echo Junction Subarea.
- 3) On June 26, 2006 the Department sent letters asking water users within the Butter Creek Critical Ground Water Area to request the amount of water that they would need for the 2007 irrigation season.
- 4) A timely request from Mr. McCarty was received by the Department on July 5, 2006
- 5) Based on the 2007 request, Mr. McCarty's water needs for the 2007 irrigation season are 1190.7 acre feet under Water Right Certificate 68349.

- 6) A deepening of Michael McCarty's well (UMAT 456) was completed on November 7, 2005. The well was deepened from 785 feet to 1294 feet deep. The deepening Water Well Report is UMAT 55580.
- 7) There was a newly installed 300 Hp vertical line shaft turbine pump on well UMAT 456 based on a field visit on March 2, 2006.
- 8) There is no recent historical water use data available on this well; therefore, the allocation was based on the average water use in the Butter Creek Critical Ground Water Area of about one acre-foot per acre.
- 9) The sustainable annual yield for the Echo Junction Subarea is 1260 acre feet.
- 10) The 1190.7 acre feet of water requested for the 2007 irrigation season does not exceed the limits of Mr. McCarty's Water Right Certificate 68349.
- 11) The sustainable annual yield for the Echo Junction Subarea has not been allocated.
- 12) The allocation for the 2007 irrigation season for Water Right Certificate 68349 is 397 acre-feet because of the many changes to the well, the pump, the lack of recent historic water use data and historic water use within the Butter Creek Critical Ground Water Area.
- 13) The allocation to Mr. McCarty does not exceed the limits of the water right.

DISCUSSION

The Department considered the requests received, the sustainable annual yield for the subarea, the limits of the water right, the priority date, historical usage, deepening of the well, the new pump, and the distribution system. In addition, the Department considered general water use rates for the area and other sources of water available to Mr. McCarty.

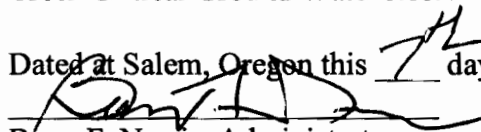
CONCLUSIONS OF LAW

The allocation of ground water for the Butter Creek Critical Ground Water Area for the year 2007 is consistent with the requirements of ORS 537.705 and 540.505 to 540.580, and Oregon Administrative Rules Chapter 690, Division 507.

ORDER

Now, THEREFORE, it is ORDERED that 397 acre-feet of water is allocated to Michael McCarty under Certificate 68349 for the year 2007 from the Echo Junction Subarea of the Butter Creek Critical Ground Water Area.

Dated at Salem, Oregon this 12 day of August, 2006.



Barry F. Norris, Administrator
Technical Services Division

CERTIFICATE OF SERVICE

I certify that on August 7, 2006, I mailed the attached FINAL ORDER APPROVING ALLOCATION OF GROUND WATER by certified mail to:

Michael and Jane McCarty
26943 McCarty Ranch Lane
Echo, OR 97826

Steven Shropshire
Jordan Schrader, Attorneys At Law
P.O. Box 230669
Portland, OR 97281



Zachary L. Stark-MacMillan
Oregon Water Resources Department