Dean Freeborn Kathy Freeborn 1235 N. Greenwood Rd. Rickreall, OR 97371

Sarah Deumling 4550 Oak Grove Rd. Rickreall, OR 97371 April 20, 2007

To: Dan Thorndike, Chair Oregon Water Resources Commission cc. Phil Ward, OWRD Director

Concern about the declining water resource in the Eola Hills Groundwater Limited Area of Polk County and subsequent conversations about this with ODWR director Phil Ward have led to this petition. Water levels are declining, numbers of long time domestic wells are no longer adequate and long standing agricultural water rights are seriously threatened. The signers of this petition feel that this problem is of the utmost urgency and MUST be dealt with sooner rather than later. We are convinced that the cost, both political and financial, will be far greater if more time elapses and more development takes place before this problem is addressed.

We found unanimous affirmation of this petition and the number of signatures has only been limited by the time needed to collect them. Please find attached the 93 signatures and a short list of water stories from the area.

Sincerely,

Kathy Freeborn

Dean Freeborn
Dean L. Freeborn
Sarah Deumling
Sarah Deumling

#### A Few of Many Water Stories From the Polk County Eola Hills Groundwater Limited Area

Original well 450' deep, gradually decreasing, started running out of water in summer of 2006, worse in November, January 4, 2007 no water at all.

Drilled three wells, all are inadequate, put in 4000 gallon cistern, must monitor use carefully.

40+ year residents have had to reduce water usage in the last few years due to declining productivity of well.

20+ year old well, 450' deep declining, after midsummer only enough for drinking water, if used for vegetable garden water becomes undrinkable because of sulfur taste and smell.

Have had to put in large holding tank because of inadequate well supply.

Have had to drill second well, still inadequate,  $\frac{1}{2}$  gallon per minute. Must supplement by hauling in water.

Well produces ½ gallon per minute, have installed a water retention system and must ration water every year between June and October.

Three wells on property, used to raise turkeys and water continuously from the wells. Now can only pump from one well for 10 minutes before turning pump off to let well recharge. Were fortunate and had the opportunity to switch to Rickreall Water. McNary Branch of Mud Slough runs through this property and summer flows are much lower than they used to be.

Home along McNary Branch of Mud Slough; have never seen creek dry up so close to the hills (where it originates) as the last two summers. Winter flows also decreasing.

Goodwin Branch of Mud Slough dries up in summers now. Resident remembers fishing in that creek year round – it never dried up.

Three separate water rights affected; two from the McNary Branch of Mud Slough and one from Mud Slough itself, the latter dating back to the 1890s. The last two summers there was no water in this creek and domestic water had to be purchased from the Rickreall Water System. They used to catch up to 10" trout in Mud Slough and the Goodwin Branch but with it drying up none of the trout survived.

#### BACKGROUND

Protection of groundwater and existing water rights should be a crucial component when reviewing new development plans. OAR 660-023-0140(1)(c) refers to the protection of groundwater to "provide a reasonable level of certainty that the carrying capacity of the groundwater resources will not be exceeded," by further development and water usage. ORS 340 and 536 allow the Oregon Water Resources Commission, to designate critical groundwater areas and restrictively classified areas to help protect these groundwater resources.

Goal 5 states "local governments shall adopt programs that will protect natural resources... for present and future generations." This includes section (f) groundwater resources, which expands government duties by requiring that "... local governments shall determine significant sites for inventoried resources (e.g. groundwater limited areas) and develop programs to achieve this goal." Guidelines for Goal 5 planning include discussion that plans providing for water resources should not exceed the carrying capacity of such resources. To our knowledge, Polk County has not developed any management plans or inventory systems pertaining to the Eola Hills Groundwater Limited Area, a significant groundwater resource, and development within that area should be halted at least until these requirements are met.

OAR 690-502-0200, the "Chehalam Mountain, Eola Hills, and South Salem Hills Groundwater Limited Areas," govern the management of the Eola Hills Groundwater Limited Area. It provides that irrigation permits are allowed for 5 years or less if the proposed use and amount do not pose a threat to the groundwater resource or an existing permit holder (1 ac ft/ac/year). Applications may be rejected and/or all extensions denied if an aquifer displays any of the adverse impacts defined in OAR 690.008. We believe if this administrative rule has groundwater-protective wording for irrigation wells, that domestic wells should be subject to the same requirements.

The Polk County Eola Hills are not only a site of underground aquifers, but also a site for springs that form creeks draining into 3 different watersheds. This hydrologic connection impacts the surface water right holders, in addition to those affected by changes to the aquifers themselves. One adverse impact, as defined by the Water Resources Department, is "overdraw," whose definition involves both harm to the groundwater and surface water users:

OAR 690-008-001 Water Resources Department Division 8 Statutory Ground Water Terms Definition and Policy Statements

...(7) "Overdraw" means to artificially produce water in any 1-year period from a groundwater reservoir, or part thereof, at an annual rate that:

- (a) Exceeds the average annual recharge to that groundwater supply over the period of record; or,
- (b) Reduces surface water availability resulting in:
  - A. 1 or more senior appropriators being unable to use either their permitted or customary quantity of surface water, whichever is less; or
  - B. Failure to satisfy an adopted minimum streamflow or instream water right with an effective date senior to the causative groundwater appropriation(s).

It is our belief that harm has already occurred from overdrawn aquifers in the Eola Hills (see attached appendix for testimonials from petitioners), and that negative impacts will be compounded with further exploitation of the water resources in the Eola Hills Groundwater Limited Area.

We request a revision of OAR 690-502-0200, to further restrict Groundwater Limited Areas by eliminating the domestic well exemption. Specifically, we request the elimination of the exempt wells category from the Basin Program for the Eola Hills.

As per a March 6<sup>th</sup> discussion with Phil Ward, Director of the Oregon Water Resources Department, at and after the Polk County Farm Bureau meeting, further scientific data is required to further restrict a groundwater limited area. This petition seeks the necessary actions to further protect the Eola Hills Groundwater Limited Area.

March 27, 2007

To: Dan Thorndike, Chairman

Oregon Water Resources Commission

CC: Phil Ward, Oregon Water Resources Department Director

We, the undersigned, request more stringent restrictions regarding domestic exempt well drilling in the groundwater limited area that includes Polk County's Eola Hills (OAR 690-502-0200, "Chehalam Mountain, Eola Hills, and South Salem Hills Groundwater Limited Areas"). This request stems from landowners' previously observed impact on hydrologically connected wells, springs, and creeks, including but not limited to the Glenn/Gibson, Spring Valley, and Rickreall Watersheds. We request a moratorium on well drilling of any kind until sufficient scientific data ca be obtained to support our request.

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3. Name: Bill FARMER Signature: Bill June
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Address: 3575 Eagle Orest Rd Nh Salem, OR 97304
5. Name: Lawry J. Bonney Signature: Llawry Borney
Address: 4085 Eagle Crest Rd. Salom, OR 97304
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6. Name: Calvin C. Bonney Signature: Colon Chonney Address: 4085 Eagle Crest Rd Salem OR 97304

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4. Name: Heidi Human Signature: Heidi S. Thomas
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Address: 7810 Spring Valley Rd NW (Salan, DR 97304
6. Name: Joby MICHAEL BANGSignature: John Beng
Address: BAZZ (RIMMEY M. PLUX REALL, OR 97271

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connected domestic and irrigation wells.
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2. Name: Sept Rooso Signature:
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3. Name: Signature: ZResse
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4. Name: MICHAG BILLOT Signature: MICHAG BILLOT
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5. Name: Ann K Rolufo Signature: Ann K Rolufo
Address: 4395 2nd St NW Salem OR 97304
6. Name: Jon Roluts Signature: Offlotops
Address: 4395 2nd StNW, Edlem OR 97304

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Address: 1920 Oak Grove Rd NW, Salem OR 97304
2. Name: PETER S. NOLL Signature: Astholy
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23. Name: Melay Havey Signature: Melaly Chie
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24. Name: BETTYSMCGFFR& Signature: Bull SM. Cuff
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25. Name: Keith D. Harris Signature: Keith D. Harris
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26. Name: Carol Harris Signature: Carol Harris
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28. Name: Genaro Carcia Signature: Peraro a garcia
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7. Name: CONNIE FULTS Signature: Conni fult
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1. Name: (IE) CARTEEL	Signature: Theopre W. Caster D
Address: 6060 Bethe O HTC Rd.	New., Salem 9735+
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