

1 [X] Hearing is set:
2 Date: Friday, April 2, 2010
3 Time: 1:30 p.m.
4 Judge: to be determined

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8 **FRANKLIN COUNTY SUPERIOR COURT**
9 **IN AND FOR THE STATE OF WASHINGTON**

10 FIVE CORNERS FAMILY FARMERS,
11 SCOTT COLLIN, THE CENTER FOR
12 ENVIRONMENTAL LAW AND POLICY
13 AND SIERRA CLUB,

14 Plaintiffs,

15 v.

16 STATE OF WASHINGTON,
17 WASHINGTON DEPARTMENT OF
18 ECOLOGY, and EASTERDAY RANCHES,
19 INC.,

20 Defendants.

21 and

22 WASHINGTON CATTLEMEN'S
23 ASSOCIATION, COLUMBIA SNAKE
24 RIVER IRRIGATORS ASSOCIATION,
25 WASHINGTON STATE DAIRY
26 FEDERATION, NORTHWEST DAIRY
ASSOCIATION, WASHINGTON CATTLE
FEEDERS ASSOCIATION, CATTLE
PRODUCERS OF WASHINGTON,
WASHINGTON STATE SHEEP
PRODUCERS and WASHINGTON FARM
BUREAU,

Intervenor-Defendants.

No. 09-2-51185-6

DECLARATION OF CHRIS CHENEY

EXHIBIT A

Washington Livestock Water-Use

Chris Cheney

Dairy

● 204,000 milking @ 60gpd	13,675 ac. ft/yr
● 40,000 dry @ 11gpd	492 ac. ft/yr
● 59,000 heifers @ 11gpd	725 ac. ft/yr
● 34,000 calves @ 48gpd	152 ac. ft/yr
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TOTAL DAIRY USE	15,044 ac. ft/yr

* We have several actual meter numbers for dairies. Variations are due to temperature, milk output and breed. The meter numbers include ancillary uses.

Beef

- 274,001 Cows @ 12gpd 3,673 ac.ft/yr
- 163,683 on feed (av. 900lbs) @ 10gpd 1,829 ac.ft/yr
- 320,578 other @ 7gpd 2,507 ac.ft/yr

TOTAL BEEF USE

8,009 ac. ft/yr

*Total Dairy and Beef

23,053 ac. ft/yr

Total Cattle in Washington

• Beef Cows	274,001
• Cattle on feed	163,683
• Dairy total	330,584
• Other*	320,578
• *beef heifers, yearlings, bulls, calves	
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Total cattle and calves	1,088,846

Other Livestock

(No data available for: Bison, turkeys, mules, donkeys, deer, elk, goats, alpacas, llamas, mink, rabbits)

- HOGS 28,530 TOTAL @ 4gpd 127ac.ft/yr
- SHEEP 53,220 TOTAL @ 2gpd 119 ac.ft/yr
- HORSES 89,739 TOTAL @ 9gpd 902 ac.ft/yr
- POULTRY
 - Fryers 24,846,516 @ 2.1 gal per 159 ac/ft yr
 - Layers 5,983,000 @ .045 gpd 301 ac/ft yr

*Actual meter data was used for poultry. The meter numbers came in below the published theoretical numbers by about 12%.



Total Livestock Water-Use

● 24,661 ac. ft./yr.

- The above numbers were rounded up. There is variation due to temperature, average temperatures were used.
- When a range of numbers was available, we used the average.
- ONLY PART OF THAT WATER IS FROM “EXEMPT WELLS”.
 - Dairy Surveys indicate about 70% are on exempt wells. Most cattle in the state rely on “surface water”.
 - Most egg producers do not rely on exempt wells.
- PUDs, Irrigation districts and municipalities supply stockwater to many operations.