

FW VA's square footage 1.txt

From: Stanish, David [david.stanish@ag.idaho.gov]

Sent: Friday, September 26, 2008 9:13 AM

To: Marshall, Aaron; Gehlert, David (ENRD)

Subject: FW: VA's square footage

This communication and its attachments are confidential and/or privileged. If you have received this communication in error, please immediately read the "NOTICE" appended below.

Aaron -

Please see the correspondences below regarding the difference between your calculation of 628.0 afa versus my previous calculation of 628.6 afa for the VA's geothermal permit. I assume the difference is simply a matter of rounding. Is there a way to make that 0.6 afa up for the VA?
If not, is it safe to assume that 0.6 afa is within measuring device error parameters?

Sincerely,

David I. Stanish
Deputy Attorney General

Natural Resources Division
Office of Attorney General
700 West State Street
Joe R. Williams Building, Second Floor
P.O. Box 83720
Boise, Idaho 83720

Phone: (208) 334-4549
Facsimile: (208) 854-8072
Email: david.stanish@ag.idaho.gov

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-----Original Message-----

From: Gehlert, David (ENRD) [mailto:David.Gehlert@usdoj.gov]

Sent: Wednesday, September 24, 2008 3:38 PM

To: Stanish, David

Subject: RE: VA's square footage

The VA would like the 0.6 but I doubt they'll fall on their sword over it. Dave

David Gehlert
Natural Resources Section
Environment & Natural Resources Division U.S. Department of Justice
1961 Stout St.
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Page 1

FW VA's square footage 1.txt
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-----Original Message-----

From: Stanish, David [mailto:david.stanish@ag.idaho.gov]
Sent: Wednesday, September 24, 2008 8:42 AM
To: Marshall, Aaron; Gehlert, David (ENRD)
Subject: RE: VA's square footage

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Dave -

The draft license provides for 628.6 afa (per our contemplated agreement), whereas Aaron is indicating that the more accurate calculation is 628.0 afa. Is the 0.6 afa going to be an issue?

Sincerely,

David I. Stanish
Deputy Attorney General

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-----Original Message-----

From: Marshall, Aaron [mailto:Aaron.Marshall@idwr.idaho.gov]
Sent: Wednesday, September 24, 2008 8:30 AM
To: Gehlert, David (ENRD)
Cc: Stanish, David
Subject: RE: VA's square footage

Dave,

Thank you for the information, it is precisely what IDWR needs to evaluate the beneficial use of water for heating. I double checked the total, 468,717 sq ft, and when I subtracted buildings constructed during or after the year 1997 (bldg nos. 85A, 114, 115, T112, T113), the total area is 411,180 sq ft. I see there are a few very small buildings listed in the inventory which may not be heated with the geothermal water system such as "Storage", "Electrical Generator", and "Gate House".

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Would you please ask Doug to specify which buildings listed on the inventory are not heated with the geothermal water system?

I would also like to point out that computing the annual diversion volume using 410,410 sq ft of building area in 1997, the total licensed volume would be 628.0 acre-feet, as rounded to the nearest tenth.

$((386,940 \text{ sq ft} / 410,410 \text{ sq ft}) \times 217,030,752 \text{ gal}) / 325,850 \text{ gal/af} = 627.96 \text{ acre-feet}$

$1988 \text{ bldg area} / 1997 \text{ bldg area} \times \text{vol used in 1997} / \text{conversion} = 1988 \text{ water used for heating}$

Thank you,

Aaron Marshall
Senior Water Resource Agent
Idaho Department of Water Resources
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-----Original Message-----

From: Gehlert, David (ENRD) [mailto:David.Gehlert@usdoj.gov]
Sent: Tuesday, September 23, 2008 4:25 PM
To: Stanish, David; Marshall, Aaron
Subject: RE: VA's square footage

David & Aaron,

Attached is the VA's inventory of buildings on its campus. The inventory includes square footage figure and is what Doug used to calculate the 410,410 square feet. A few things to be aware of: (1) the inventory was revised in 2006. Accordingly, Doug omitted all buildings constructed after 1997. (2) the buildings noted in handwriting at the end are not on the campus and therefore not included in the total. (3) the handwritten number 468,717 is the current square footage of all buildings on the campus.

I hope this gives you all you need.

Dave

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-----Original Message-----

From: Stanish, David [mailto:david.stanish@ag.idaho.gov]
Sent: Tuesday, September 23, 2008 11:58 AM

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To: Gehlert, David (ENRD)
Subject: FW: VA's square footage

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Dave -

Please see IDWR's request below.

Sincerely,

David I. Stanish
Deputy Attorney General

Natural Resources Division
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700 West State Street
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-----Original Message-----

From: Marshall, Aaron [mailto:Aaron.Marshall@idwr.idaho.gov]
Sent: Tuesday, September 23, 2008 11:54 AM
To: Stanish, David
Subject: RE: VA's square footage

David,

On behalf of IDWR, I would like to request a description of how Doug Lamb arrived at the total building square footage of the VA Medical Center in 1997. What was the basis of his computation (building plans, county assessor records,...etc.)? Can he provide documentation to support his computation? Please forward my request as necessary.
Thanks.

Aaron Marshall
Senior Water Resource Agent
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aaron.marshall@idwr.idaho.gov

-----Original Message-----

FW VA's square footage 1.txt
From: Stanish, David [mailto:david.stanish@ag.idaho.gov]
Sent: Tuesday, September 23, 2008 10:44 AM
To: Marshall, Aaron
Subject: FW: VA's square footage

This communication and its attachments are confidential and/or privileged. If you have received this communication in error, please immediately read the "NOTICE" appended below.

Hi Aaron -

Please find David Gehlert's description of the source of the 410,000 sq ft information below. Is this sufficient?

Sincerely,

David I. Stanish
Deputy Attorney General

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700 West State Street
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-----Original Message-----

From: Gehlert, David (ENRD) [mailto:David.Gehlert@usdoj.gov]
Sent: Tuesday, September 23, 2008 10:38 AM
To: Stanish, David
Subject: VA's square footage

David,

I think I have an answer to your question. You mentinoed the VA's square footage in 1987, but I think you meant 1997. That was the year of the VA's greatest use and I found an e-mail dated December of last year from Doug Lamb (the VA's engineer) to me giving the square footage heated in 1997 at 410,410, almost exactly the number you had recalled.

For what it's worth, the VA now has 439,694 square feet.

Let me know if you need anything else.

Dave

David Gehlert
Natural Resources Section
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