

Erickson, Nathan

From: Mike Mason [MMason@csi.edu]
Sent: Tuesday, March 13, 2007 8:10 AM
To: Erickson, Nathan
Subject: FW: Geothermal History

Nathan,
Below is the data on our pumps.

Thanks,
Mike

From: Allen Scherbinske
Sent: Monday, March 12, 2007 4:09 PM
To: 'Nathan '
Cc: Randy Dill; Mike Mason
Subject: RE: Geothermal History

Nathan,

Here's some info on our wells.
Well number one, 100 hp.
Direct pumping with very little static pressure, well is maxed out at 1272 g.p.m.
Maintaining 4 p.s.i. in campus loop, well will pump 1200 g.p.m.

Well number two, 75 h.p.
Direct pumping with very little static pressure, well is maxed out at 1550 g.p.m.
Maintaining 4 p.s.i. in campus loop well will pump 1480 g.p.m.

Allen S
CSI

From: Mike Mason
Sent: Friday, March 09, 2007 1:06 PM
To: Allen Scherbinske; Randy Dill
Subject: FW: Geothermal History

Randy and Allen,
Can you please respond directly to Nathan on the capacity of the well pumps and cc me?

Thanks,
Mike

From: Erickson, Nathan [mailto:Nathan.Erickson@idwr.idaho.gov]

3/13/2007

Sent: Friday, March 09, 2007 11:57 AM
To: Mike Mason
Subject: RE: Geothermal History

Mike,

I need to get some more information on the pumps for each of the wells. Specifically I would like to find out what the maximum pumping capacity of each pump is. If you could please forward me any information I would appreciate it.

Thank You,

Nathan

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

From: Mike Mason [mailto:MMason@csi.edu]
Sent: Tuesday, March 06, 2007 11:38 AM
To: Erickson, Nathan
Subject: RE: Geothermal History

Nathan,

Sorry - I must have forgot to attach it.

Thanks,
Mike

From: Erickson, Nathan [mailto:Nathan.Erickson@idwr.idaho.gov]
Sent: Monday, March 05, 2007 9:04 AM
To: Mike Mason
Subject: RE: Geothermal History

Mike,

I did not get the attachment you mentioned in this email... Please try and re-send it.

Thank You,

Nathan

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

From: Mike Mason [mailto:MMason@csi.edu]
Sent: Thursday, March 01, 2007 2:58 PM
To: Erickson, Nathan
Cc: Randy Dill; Allen Scherbinske; tlt@idahowaters.com
Subject: Geothermal History

Nathan,

Attached as a Word file is a history of our geothermal water concerning buildings added. At the end is an explanation concerning your question about the high usage in 1998. In looking at your website, I believe you have all of the permit and miscellaneous data. I also spoke with Travis and we are attempting to document use prior to 1993.

If you need more information, let me know.

Thanks,
Mike

47-7478	Date (received)	CFS	Acre-feet	Use	Comments
Application	6/12/1978	5		Heating/Fish	1 Well
Proof of Beneficial Use	6/9/1983				
Amendment	2/21/1985	5		Heating/Fish	2 Wells
Field Exam	6/3/1985	1.21	624.2	Heating/Fish	See memo from Gary :
Adjudication Claim	12/16/1988	1.21		Heating	
Agreement	11/13/1989	6			6 cfs total

2**	4/17/1984	5.21			
-----	-----------	------	--	--	--

47-7606	Date (received)	CFS	Acre-feet	Use	Comments
Application	12/5/1979	15		Heating/Fish	1 Well
Extension	11/15/1984				
Amendment	2/21/1985	15		Heating/Fish	2 Wells
Letter	4/18/1986	7.02		Heating/Fish	
IDWR Response	5/5/1986	1.04		Heating/Fish	IDWR response to 4/18/86
Letter	6/4/1986	8.85		Heating/Fish	What the college estimated
Extension	9/14/1989	4.83			Extension of time to submit
Agreement	11/13/1989	6			6 cfs total
Proof of Beneficial Use	4/30/1993	4.54	2328.2	Heating	

Answers to Gary Spackman Memo

- 1 The source of the cold water is possibly from the city, it should not affect the license
- 2 The picture taken of the tanks at the time of the field exam appears to show the tanks
- 3 The fish propagation place of use is in the NESW. The heating should follow what the tanks
- 4