

Jones, Doug

From: Bryce Marsh [bmarsh@ehminc.com]
Sent: Wednesday, August 19, 2015 4:22 PM
To: Jones, Doug
Subject: RE: TFSD Applications

Dear Doug,

Thank you for spending the time to explain the effects of minimal proposed beneficial use for the three different school projects. I appreciate your time. Furthermore, I'd like to change item # 12 from the Application for Permit to appropriate the Public Waters of the State of Idaho for each permit outlined below to indicate 5 years.

- Pillar Falls Elementary School: Permit No. 47-17635
- Rock Creek Elementary School: Permit No. 47-17636
- South Hills Middle School: Permit No. 47-17639

If any additional information is needed, please contact me at your convenience in order to finalize these permits. Please confirm receipt of this email so I may provide documentation. Lastly, if it possible to provide me with an electronic copy of the permits once completed, I'd greatly appreciate that information.

Thanks again,

Bryce Marsh, EIT



621 North College Road – Suite 100
Twin Falls, Idaho 83301
Phone: 208-734-4888 Fax: 208-734-6049
Email: bmarsh@ehminc.com

From: Jones, Doug [<mailto:Doug.Jones@idwr.idaho.gov>]
Sent: Wednesday, August 19, 2015 1:27 PM
To: Bryce Marsh
Subject: TFSD Applications

Bryce,

Please call me at your earliest opportunity regarding the minimal development period proposed and some negative effects of short changing the appropriation opportunity.

Doug

Jones, Doug

From: Bryce Marsh [bmarsh@ehminc.com]
Sent: Wednesday, August 19, 2015 2:10 PM
To: Jones, Doug
Subject: FW: Twin Falls
Attachments: Climate Master TZ Catalog.pdf

Bryce Marsh, EIT



621 North College Road – Suite 100
Twin Falls, Idaho 83301
Phone: 208-734-4888 Fax: 208-734-6049
Email: bmarsh@ehminc.com

From: Charles Paulin [<mailto:CharlesP@musgrovepa.com>]
Sent: Tuesday, May 12, 2015 11:58 AM
To: bmarsh@ehminc.com
Subject: Twin Falls

Bryce,

The following are the estimated water usage for one of the Twin Falls Elementary Schools:

Peak Use: (8:00 am to 3:00 pm) 7 hours * 60 min/hr * 110 gallons/minute * 50% diversity use = 23,100 gallons

Off Peak Use: (4:00 pm to 8:00 am) 17 hours * 60 min/hr * 110 gallons/minute * 25% diversity use = 28,050 gallons

Estimated maximum usage in a 24 hour period = 51,150 gallon. The usage will be less during the shoulder months and we anticipate very little flow in the winter since boilers will be used to temper the heat pump loop.

Attached is a cut sheet of a typical hydronic heat pump that will be used in the system.

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Over 35 Years of Engineering Excellence