

Weaver, Mathew

From: Kent Gingrich [kgingrich@JUB.com]
Sent: Monday, October 04, 2010 1:13 PM
To: Weaver, Mathew
Subject: RE: Attached File

No problem Mat. Takes the average annual production and divide by an assumed 180 day season (i.e. Mid April 15th – Oct. 15th) and then divide by either 24 or 16 hours usage. Hope this helps.

Kent Gingrich, P.E.
J-U-B ENGINEERS, Inc.
(208) 467-5252

From: Weaver, Mathew [mailto:Mathew.Weaver@idwr.idaho.gov]
Sent: Friday, October 01, 2010 5:04 PM
To: Kent Gingrich
Subject: RE: Attached File

Kent,

How do you get from the monthly volumes of water in table 2-5 to the estimated average system wide combined pumping rate (28,600 GPM, page 6 of the master plan) and a 16-hour peak system wide pumping rate (42,900 GPM, page 6 of the master plan)?

Many thanks,

Mat Weaver, PE
Staff Engineer
Idaho Department of Water Resources
(208) 287-4914

From: Kent Gingrich [mailto:kgingrich@JUB.com]
Sent: Friday, October 01, 2010 11:46 AM
To: Weaver, Mathew
Subject: FW: Attached File

Hi Matt,

Attached is Table 2-5 from the 2008 Update to Nampa's Pressure Irrigation master Plan as you requested. Let me know if you have any questions or need any additional information. Thanks.

Have a great weekend!

Kent Gingrich, P.E.
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From: Scanner Account
Sent: Friday, October 01, 2010 12:17 PM
To: Kent Gingrich
Subject: Attached File

Table 1 - Summary of the City of Nampa PI Diversion Data * 2007

Month	No. of Days	Daily Irr. Period Coeff.	SW						Ratio of GW Div's to Combined Div's
			GW Diversion Vol. (CF)	GW Avg. Div. Rate (CFS)	Diversion Vol. (CF)	SW Avg. Div. Rate (CFS)	Combined Avg. Div. Rate (CFS)		
April	15	1.00	38,136,591	29.4	27,883,061	21.5	50.9	0.58	
May	30	1.00	72,564,987	28.0	85,075,749	32.8	60.8	0.46	
June	30	1.00	64,490,722	24.9	107,434,184	41.4	66.3	0.38	
July	31	1.00	107,183,235	40.0	136,327,888	50.9	90.9	0.44	
August	31	1.00	101,990,722	38.1	119,707,630	44.7	82.8	0.46	
September	30	1.00	65,224,773	25.2	36,531,270	14.1	39.3	0.64	
October	15	1.00	8,321,684	6.4	3,083,826	2.4	8.8	0.73	
			457,912,714		516,043,608				

*Data obtained from the City of Nampa PI Master Plan 2008.