

Ritter, Ashley

From: PICKEL, TERRY <TPICKEL@cdaid.org>
Sent: Monday, March 11, 2019 8:49 AM
To: Ritter, Ashley
Cc: 'Necia Maiani'; MARINE, KYLE; TINKEY, JENNIFER; cmchugh@mchughbromley.com; TYMESEN, TROY
Subject: RE: Pumping records for proof of beneficial use, permit # 95-16580

Thank you for the update Ashley. I appreciate your assistance.

Terry W. Pickel
Water Superintendent
City of Coeur d'Alene
(208)769-2210

From: Ritter, Ashley [mailto:Ashley.Ritter@idwr.idaho.gov]
Sent: Monday, March 11, 2019 7:46 AM
To: PICKEL, TERRY
Subject: RE: Pumping records for proof of beneficial use, permit # 95-16580

Terry,

I received the supplemental information from Welch Comer Engineers to support the proof of beneficial use for City of Coeur d' Alene's Permit #95-16580. I have reviewed the information and have found that it does satisfy condition twelve (12) for permit #95-16580. Thank you for having the information provided to the Department. If you have any questions or comments feel free to contact me.

Ashley M. Ritter, E.I.T., G.I.T.
Associate Engineer
IDWR-State Office
(208) 287-4907

From: PICKEL, TERRY [mailto:TPICKEL@cdaid.org]
Sent: Tuesday, February 5, 2019 9:06 AM
To: Ritter, Ashley <Ashley.Ritter@idwr.idaho.gov>
Subject: RE: Pumping records for proof of beneficial use, permit # 95-16580

Good morning Ashley,

I was tied up yesterday so didn't get your voicemail until late in the evening. I have contacted a local water rights examiner/engineer that is going to review the information. My basic objection is that we have state licensed operators that collect this information and present reports to state agencies on a regular basis. They take pride in what they do. Now we have to bring in an engineer at an additional appreciable expense to look at something they don't necessarily understand and will not be able to verify any better than my operators. Please understand my frustration with this. I do

understand and appreciate that you probably have systems that operate in a less than honest and forthright manner. I can assure you that you won't find that here.

Thank you for hearing me out.

Terry W. Pickel

**Water Superintendent
City of Coeur d'Alene
(208)769-2210**

From: Ritter, Ashley [<mailto:Ashley.Ritter@idwr.idaho.gov>]
Sent: Monday, February 04, 2019 2:59 PM
To: PICKEL, TERRY
Subject: RE: Pumping records for proof of beneficial use, permit # 95-16580

Terry,

Following up on your previous email, I did speak to my supervisors about the evaluation of the maximum instantaneous rate of diversion by a professional engineer, geologist, or certified water rights examiner outlined in the below condition of Permit #95-16580:

(Condition 12) "... The report shall also show the maximum instantaneous rate of diversion, either measured or reasonably estimated by a qualified professional engineer, geologist, or certified water rights examiner, for the entire City of Coeur d'Alene municipal water system...."

Since it is specified that a qualified professional engineer, geologist, or certified water rights examiner evaluate the results, the Idaho Department of Water Resources requires this evaluation to be compliant with the condition. This is a condition that is common with municipalities when large volumes of water are being diverted to provide a level of assurance that reported flows reflect an accurate reading, and that if any calibration needs to occur it can be accounted for. Anyone meeting the criteria outlined in the condition (for example, one of your city engineers) should review your report/data to confirm that it is reasonable. Ideally the city can provide information regarding calibration measurements you may have performed for the installed flow meters.

Ashley M. Ritter, E.I.T., G.I.T.
Associate Engineer
IDWR-State Office
(208) 287-4907

From: PICKEL, TERRY [<mailto:TPICKEL@cdaid.org>]
Sent: Friday, January 25, 2019 4:47 PM
To: Ritter, Ashley <Ashley.Ritter@idwr.idaho.gov>
Subject: RE: Pumping records for proof of beneficial use, permit # 95-16580

Thanks. Could you please elaborate as to why, as these are records we submit to DEQ?

Terry W. Pickel

**Water Superintendent
City of Coeur d'Alene
(208)769-2210**

From: Ritter, Ashley [<mailto:Ashley.Ritter@idwr.idaho.gov>]
Sent: Friday, January 25, 2019 3:45 PM
To: PICKEL, TERRY
Subject: RE: Pumping records for proof of beneficial use, permit # 95-16580

Terry,

Yes, a licensed engineer or licensed geologist will need to evaluate it.

From: PICKEL, TERRY [<mailto:TPICKEL@cdaid.org>]
Sent: Friday, January 25, 2019 4:32 PM
To: Ritter, Ashley <Ashley.Ritter@idwr.idaho.gov>
Subject: RE: Pumping records for proof of beneficial use, permit # 95-16580

So in other words, I still need to have it evaluated by an engineer or examiner even though a certified operator collects measured readings daily?

Thanks,

Terry W. Pickel
Water Superintendent
City of Coeur d'Alene
(208)769-2210

From: Ritter, Ashley [<mailto:Ashley.Ritter@idwr.idaho.gov>]
Sent: Friday, January 25, 2019 1:15 PM
To: PICKEL, TERRY
Subject: RE: Pumping records for proof of beneficial use, permit # 95-16580

Terry,

I received the pumping records you sent via email. Following up on our phone conversation, condition 12 (twelve) of permit 95-16580 will be satisfied with a professional engineer or geologist reviewing the maximum instantaneous flow rate data for the entire City of Coeur d'Alene's municipal water system and submitting a stamped document stating that the data is reasonable or not reasonable based on their evaluation, and summarize the data collection method (who collects the flow rates etc. and how often it is collected).

(Condition 12) "...The report shall also show the maximum instantaneous rate of diversion, either measured or reasonably estimated by a qualified professional engineer, geologist, or certified water rights examiner, for the entire City of Coeur d'Alene municipal water system...."

Please let me know if you have any question. Thank you.

Ashley M. Ritter, E.I.T., G.I.T.
Associate Engineer
IDWR-State Office
(208) 287-4907

From: PICKEL, TERRY [<mailto:TPICKEL@cdaid.org>]
Sent: Tuesday, January 22, 2019 3:39 PM

To: Ritter, Ashley <Ashley.Ritter@idwr.idaho.gov>

Subject: FW: Pumping records for proof of beneficial use, permit # 95-16580

Terry W. Pickel

Water Superintendent

City of Coeur d'Alene

(208)769-2210

From: PICKEL, TERRY

Sent: Tuesday, January 22, 2019 2:27 PM

To: 'ashleyritter@idwr.idaho.gov'

Subject: Pumping records for proof of beneficial use, permit # 95-16580

Good afternoon Ashley,

Please see the attached files for the August 2018 pump records for all 10 operating wells including the Ralph Capaul Well. I am also including my annual historic use file for assistance.

Please let me know if you have any additional questions.

Thanks for your help!

Terry W. Pickel

Water Superintendent

City of Coeur d'Alene

(208)769-2210

Atlas Well	Hanley Well	oneysuckle We	Landings Well	Linden Well	Locust Well	Prairie Well	RC Well	4th St. Well	Huetter Well
4070	3400	1960	3200	2725	3600	3040	0	2525	
4130	3515	1915	3655	2195	3460	2980	0	2280	
4060	3440	1740	3610	3080	3360	2990	0	2000	
4070	3445	2100	2480	2115	2650	3140	0	3780	
3970	3425	1795	2945	2700	2860	3170	0	2540	
3860	3907	1530	2975	2260	3060	3190	0	3605	
4040	3515	1685	3030	2255	3120	3255	0	2615	
4000	3985	1635	3010	2195	3130	3215	0	2565	
4090	3550	1665	3040	2225	2930	3170	0	2530	
4080	3480	1625	3085	2170	3010	3190	0	2285	
4070	3525	1675	3080	2115	3080	3205	4000	2580	
3965	3500	1565	3850	2340	2860	3200	3940	3290	
3750	3550	1675	3650	3275	2900	3270	4010	3050	
4010	3550	1685	3750	3250	2870	3250	4025	3010	

**CITY WATER DEPARTMENT
CITY OF COEUR D' ALENE
MONTHLY PRODUCTION AND CHEMICAL SUMMARY**

		Date	August-18
TOTAL MONTHLY PRODUCTION			
SCREEN WELL	(1010 S 10th Street)	0	Gallon
LINDEN WELL	(1418 1st Street)	106,306,494	Gallon
LOCUST WELL	(114 Locust Ave.)	70,937,466	Gallon
4TH STREET WELL	(2611 4th Street)	44,542,440	Gallon
HONEYSUCKLE WELL	(685 Kathleen Ave.)	73,877,376	Gallon
HANLEY WELL	(1306 Hanley Ave.)	63,187,050	Gallon
PRAIRIE WELL	(710 Wilber)	136,457,790	Gallon
ATLAS WELL	(3809 Atlas Rd.)	53,179,062	Gallon
RALPH CAPAUL WELL		117,467,364	Gallon
ANNIE WELL	(212 Annie Ave.)	42,809,778	Gallon
LANDING WELL	(4199 Atlas Rd)	160,688,934	Gallon
TOTAL MONTHLY PRODUCTION		869,453,754	Gallon
TOTAL MONTHLY PRODUCTION		(Company to Customer)	869,453,754 Gallon
ELM STREET BOOSTER	(1900 Elm Street)	18,029,664	Gallon
GRAYSTONE BOOSTER		1,062	Gallon
PINE HILL BOOSTER		181	Gallon
ARMSTRONG BOOSTER		2,227,810	Gallon
BLACKWELL BOOSTER (Lower)		1,578	Gallon
BLACKWELL BOOSTER (Upper)		447	Gallon
AVERAGE DAY		28,046,895	Gallon
MAXIMUM DAY		40,613,184	Gallon
MINIMUM DAY		18,003,828	Gallon
		DATE	8/5/18
		DATE	08/31/18
TOTAL LBS. SALT USED		9950	
TOTAL SALT COST		\$ 1,492.50	
WATER PLANT OPERATOR			