

Smith, Tyler

From: Tietz, Justin <justin.tietz@kniferiver.com>
Sent: Thursday, January 9, 2020 9:15 AM
To: Smith, Tyler
Subject: RE: Application for Permit 63-34769

Tyler,

I would say it would be highly likely expansion would happen within the five year development period. As all of the calculations are theoretical the additional diversion would allow for unanticipated usage and growth.

Regards,
Justin

From: Smith, Tyler <Tyler.Smith@idwr.idaho.gov>
Sent: Thursday, January 9, 2020 8:50 AM
To: Tietz, Justin <justin.tietz@kniferiver.com>
Subject: RE: Application for Permit 63-34769

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Justin,

Do you anticipate this future expansion to happen during the five year development period allowed by the permit?

Thanks,
Tyler

From: Tietz, Justin [<mailto:justin.tietz@kniferiver.com>]
Sent: Wednesday, January 8, 2020 5:25 PM
To: Smith, Tyler <Tyler.Smith@idwr.idaho.gov>
Subject: RE: Application for Permit 63-34769

Tyler,

I attached some anticipated diversion calculations as requested. The sum is equal to about 225 GPM. The remaining 223 GPM to reach a diversion rate of 448.83 GPM would be for future expansion that would require additional water.

Please let me know if this is what you are looking for and if you have any additional questions.

Regards,
Justin

From: Smith, Tyler <Tyler.Smith@idwr.idaho.gov>
Sent: Monday, January 6, 2020 4:15 PM

To: Tietz, Justin <justin.tietz@kniferiver.com>

Subject: Application for Permit 63-34769

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Justin,

I am currently processing Knife River's application for permit 63-34769 for commercial and irrigation use near Midland Blvd and Ustick Rd. Upon processing, I have not been able to find any information provided by Knife River that shows justification for the rate of 1.00 cfs for commercial use for Ready Mix Concrete. Any documentation or data showing that this concrete production plant justifies the rate of 1.00 cfs is needed in order to continue processing this application and to approve this diversion rate.

As an example, Knife River's application for permit 63-34628, although in different circumstances, provided this information with well and power records. This information can be found at the link below on pages 3-4:

https://idwr.idaho.gov/apps/ExtSearch/DocsImages/qg2401_.PDF

Any information you can provide can be emailed to me or dropped off at 2735 W Airport Way, Boise ID 83705. Feel free to reach out with any questions or concerns regarding this information.

Best,

Tyler Smith

Water Resource Agent

Western Region

Idaho Department of Water Resources

tyler.smith@idwr.idaho.gov

(208)334-2190



Knife River – Southern Idaho
5450 W. Gowen Road
Boise, Idaho 83709
208-362-6152
Fax: 208-562-5045

Project Name:	Application for Permit 63-34769 Job No.:		
Subject:	Anticipated Diversion Rate		
By:	f. lictz	Date:	1/8/2010 Scale: N/A
Approved By:		Date:	
		Sheet:	1 of 1

Production Water:

45 gal / CY
150 CY / hr

$$\frac{150(45)}{60} = 112.5 \text{ GPM}$$

Wash Water:

4 EA STATIONS

1 1/2" HOSE
+/- 40 psi

$$= +/- 24 \text{ GPM } (4) = 96 \text{ GPM}$$

IRRIGATION

250 TROES

$$\frac{250}{15} = 16.6 \text{ GPM}$$

1/2 GPM BUBBLERS

2 EA PER TROE (BUBBLERS)

15 ZONES

$$\text{TOTAL} = 225 \text{ GPM}$$