

Van Bussum, Monica

From: Van Bussum, Monica
Sent: Thursday, June 16, 2011 4:14 PM
To: 'Keith C. Wilson'
Subject: RE: Water Supply Bank rental - Knife River Corp.

Hi Keith,

I got your model analysis and that looks fine. There is one thing to note about the application. In it, your client is applying for 0.25 cfs and 2.9 AF. The right that will be rented is an irrigation right, so we are looking at a change in nature of use. 22-7336 is authorized for 1.64 cfs and 287 AF on 82 acres. That is 0.02 cfs per acre, meaning for each acre rented, only 0.02 cfs/ac comes with it.

For your client, the 2.9 AF they want equates to renting 1.2 acres and getting 0.02 cfs as the diversion rate. They would also have to rent the full field headgate requirement of 3.5 AFA but would be limited to the consumptive requirement. In this case, your client would have to rent 4.2 AF (1.2 acres times 3.5 AFA) but would be limited to 2.9 AF. To summarise, this rental allows 0.02 cfs and 2.9 AF. The cost of this rental is \$58.80.

However, if the flow rate is important for your client, then they will have to rent more volume. For your client to get the full 0.25 cfs requested, they would have to rent 12.5 acres and 43.8 AF. The cost of this rental is \$613.20.

Please let me know which way you and your client want to go. Thanks!

Monica

From: Keith C. Wilson [mailto:kwilson@rockymountainenvironmental.com]
Sent: Thursday, June 16, 2011 3:16 PM
To: Van Bussum, Monica
Subject: RE: Water Supply Bank rental - Knife River Corp.

Monica,
I've attached the ESPA Analysis for the Knife River – St Anthony Project.

The volume of 2.9 afa is a Consumptive Use Volume so the Volume of 22-7336 is also a consumptive use Volume. I made the assumption that the crop has been Alfalfa – Less Frequent Cuttings.

Please let me know if you need any additional information.

Keith C. Wilson
Senior Water Rights Analyst
kwilson@rockymountainenvironmental.com

From: Van Bussum, Monica [mailto:Monica.VanBussum@idwr.idaho.gov]
Sent: Wednesday, June 15, 2011 12:14 PM
To: Keith C. Wilson
Subject: RE: Water Supply Bank rental - Knife River Corp.

Hi Keith,

That email I sent with the Mitigation Analysis Tool was quite large and I just want to confirm you received it. Thanks!

FYI – the Knife River – Idaho Falls rental approval should go out tomorrow or Friday for signature and payment.

Monica

From: Keith C. Wilson [mailto:kwilson@rockymountainenvironmental.com]
Sent: Wednesday, June 15, 2011 11:04 AM
To: Van Bussum, Monica
Subject: RE: Water Supply Bank rental - Knife River Corp.

Monica,

Thanks. I get that done and hopefully sent to you by the end of the day.

In your previous email you referenced **Mitigation Analysis Tool**. I would appreciate a copy of this tool & instructions on how it is used, and how it differs from the ESPA Analysis.

Thanks,
Keith C. Wilson
Senior Water Rights Analyst
kwilson@rockymountainenvironmental.com

From: Van Bussum, Monica [mailto:Monica.VanBussum@idwr.idaho.gov]
Sent: Wednesday, June 15, 2011 10:52 AM
To: Keith C. Wilson
Subject: RE: Water Supply Bank rental - Knife River Corp.

Hi Keith,

You'll be looking at using 22-7336 as the "from well" for the model run for the Knife River-St. Anthony rental. The entirety of 22-7336 is in the Bank and available for rental.

Monica

From: Keith C. Wilson [mailto:kwilson@rockymountainenvironmental.com]
Sent: Tuesday, June 14, 2011 10:27 AM
To: Van Bussum, Monica
Subject: RE: Water Supply Bank rental - Knife River Corp.

Monica,
I've attached the ESPA Analysis for the **Knife River – Idaho Falls** plant just in case Kristin did not include one with the Water Bank Application.

I am assuming that you will run the ESPA Analysis for the the **Knife River – St. Anthony** plant since I do not have the information as to what water rights in the Water Bank that could be leased from the Water Supply Bank.

Keith C. Wilson
Senior Water Rights Analyst
kwilson@rockymountainenvironmental.com

From: Van Bussum, Monica [mailto:Monica.VanBussum@idwr.idaho.gov]
Sent: Monday, June 13, 2011 4:02 PM
To: Keith C. Wilson
Cc: Kristin Moore
Subject: RE: Water Supply Bank rental - Knife River Corp.

Hi Keith,

Thanks for providing this clarification. As mentioned in my last email, we will need ESPA model runs (and the Mitigation Analysis Tool if required to be run) for each application within 14 days. Please let me know if you have any questions. Thanks!

Monica

From: Keith C. Wilson [mailto:kwilson@rockymountainenvironmental.com]
Sent: Monday, June 13, 2011 9:46 AM
To: Van Bussum, Monica
Cc: Kristin Moore
Subject: RE: Water Supply Bank rental - Knife River Corp.

Monica,

There are two Bank Rental applications:

A. Knife River – **Idaho Falls** plant: Plant location (S½NE¼ & N½SW¼ Sec 36, T02N, R37E)

Transfer 3 acres of water right 35-7310A

Knife River will be requesting a rental from the Bank for the same 3 acre Transfer.

The Bank Application was sent with the cover letter dated 06/09/2011.

So it is likely that you will receive the application either today or tomorrow.

will talk with Kristin Moore about getting:

1) the data entry, 2) graphs, 3) calculated effects tab and 4) mitigation analysis tool if mitigation would be required

B. Knife River – **St. Anthony** plant: (Plant location SE¼SE¼ Sec 11, T07N, R40E approximately 42 miles North of *Knife River – Idaho Falls plant*)

No Water Right Transfer needed

Lease water from the Water Bank for two years.

Hopefully this will clear up any confusion.

Keith C. Wilson

Senior Water Rights Analyst

kwilson@rockymountainenvironmental.com

From: Van Bussum, Monica [mailto:Monica.VanBussum@idwr.idaho.gov]

Sent: Friday, June 10, 2011 4:50 PM

To: Keith C. Wilson

Cc: Cefalo, James

Subject: Water Supply Bank rental - Knife River Corp.

Hi Keith,

I've received the Knife River Corporation rental application to the Water Supply Bank and have identified a possible leased right to use. However, this will need the ESPA model run and, of course, mitigation may be required. We have been requesting that consultants run the model because of IDWR staffing levels. Would you mind running the model and sending me PDFs of 1) the data entry, 2) graphs, 3) calculated effects tab and 4) mitigation analysis tool if mitigation would be required?

I spoke with James Cefalo, who is Watermaster for Water District 100 and one of our IDWR Eastern Regional Office staff, and he said your office had filed a transfer application stating that a Bank application had been filed to rent 35-7310A. I don't see 35-7310A mentioned on the rental application and that is a possibility to rent but of course we would need a

model run. It does seem a little counterintuitive to move such a small amount of 35-7310A all the way from Basin 35 to Basin 22, however.

Another possible candidate for the rental is 22-7336, which is located much closer to the proposed rental POU. Would you want to use that right instead?

Either way, we will need you to submit a model run with the required data. When you run the model, please model only the period anticipated for the Bank rental. I can give you 14 days to provide the model run, but please call me if you have questions or might need extra time. Thanks!

Monica

MONICA VAN BUSSUM

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