

Edl, Michele

From: Edl, Michele
Sent: Tuesday, March 08, 2011 4:11 PM
To: 'NScanal@cableone.net'
Subject: water data request

Good afternoon,

I have been assigned to review the file contents and if possible issue a license for water right permit 37-7891/01-7086 (Faulkner Brothers Hydro). I understand that this hydro facility utilizes water from the North Side Canal system, specifically water from the Y lateral.

Proof of beneficial use for the Faulkner Brothers Hydro was submitted in 1990. The field examiner found beneficial use at the time of his exam in 1993 but failed to recommend the volume of water put to hydro power use. Volume is a statutory requirement so a license cannot be issued without it.

The Faulkner Brothers hydro has two rates. One rate for the irrigation season and a different rate for the non-irrigation season. The non-irrigation season rate may be based on year-round stockwater rights carried by the canal. It's operation is not limited to the irrigation season.

1990 ended the development period of the Faulkner permit. So I would prefer to use daily records from calendar year 1990, either daily average flow or a daily instantaneous flow reading that could be used to represent the daily average flow without too much error. I have some information about the capacity of the turbine so I believe that if I can get flow rates, I can determine a volume.

Don't hesitate to call me with questions. Thank you.

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