

Prysby, Mike (DEQ)

From: Bloemker, Jon (DEQ)
Sent: Thursday, May 24, 2012 8:30 AM
To: Ashford, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: Karegnodi Water Authority

On May 23rd, I met with representatives from Rowe Engineering and Lockwood regarding the proposed intake for the Karegnodi Water Authority. Initial plans for the intake line may be submitted to the SBD Office about July 1st. At a later date, plans may be submitted for the low lift pump station and raw water transmission line.

The consultants are proposing a ~85 MGD intake structure with a single 72-inch line going about a mile into Lake Huron. There will be two intakes and Douglas fir timber cribs. The internal velocity of the line and intakes will be less than 0.5 fps. About the only suggestions that I had for the firms was to ensure that any coatings used in the intake line meet ANSI/NSF Standard 60 and the line sending oxidants to the cribs be compatible for chlorine and sodium permanganate.

Following the meeting, I met with James P. Baker, the DNR Fisheries Division's Southern Lake Huron unit. Jim may be proposing some limitations on the work during the months of May (crappie) and November (lake trout).