





**Analysis of potential impacts to fish**

**Upstream Migrants** - No impact. Avian lines are only for juvenile passage protection.

**Downstream migrants** – Unknown. Avian lines are generally effective early in season when gulls are uncertain of line location. Gulls tend to learn as season progresses, thus making lines less effective. However the overall effectiveness of avian lines has not been quantitatively evaluated.

**Lamprey** – No impact to adults. Unknown as to how avian lines protect ammocetes.

**Bull Trout** – Unknown. Predation on juvenile bull trout in this area is expected highly unlikely.

Sincerely,  
Bob Cordie  
Project Fisheries