



{In Archive} Re: Traveling Screens 

John King to: palmeag

02/09/2011 12:48 PM

From: John King/R1/USEPA/US
To: palmeag@nu.com
Archive: This message is being viewed in an archive.

Allan,

The Internet let's you respond to quires rapidly ... thank you for your explanation.

John

palmeag

John, "Upsteam" is the side the water enters and...

02/09/2011 12:40:53 PM

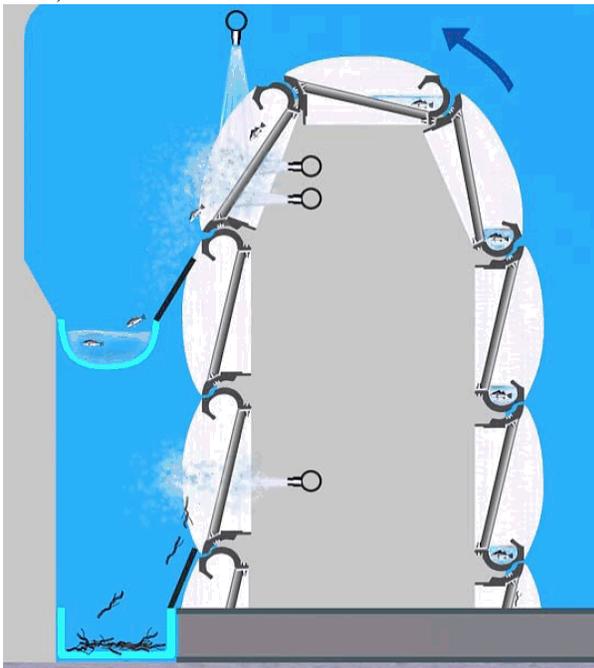
From: palmeag@nu.com
To: John King/R1/USEPA/US@EPA
Cc: Ericp Nelson/R1/USEPA/US@EPA
Date: 02/09/2011 12:40 PM
Subject: Traveling Screens

John, "Upsteam" is the side the water enters and "downstream" is where it exits. I believe the "shelf" is the lower support of the individual screen structure (the bottom black edge in the picture). Newer vintage screens have molded the shelf into a "basket" that can more effectively collect and transport fish and debris.





Modified vertical traveling screens are conventional traveling screens fitted with a collection "bucket" beneath the screen panel. This intake screening system is also called a bucket screen, Ristroph screen, or a Surry Type screen. The screens are modified to achieve maximum recovery of impinged fish by maintaining them in water while they are lifted to a release point. The buckets run along the entire width of the screen panels and retain water while in upward motion. At the uppermost point of travel, water drains from the bucket but impinged organisms and debris are retained in the screen panel by a deflector plate. (Richards, 1977; Mussalli, 1977; Pagano et al., 1977; EPA , 1976).



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{In Archive} Traveling Screens

palmeag to: John King

Cc: Ericp Nelson

02/09/2011 12:40 PM

From: palmeag@nu.com

To: John King/R1/USEPA/US@EPA

Cc: Ericp Nelson/R1/USEPA/US@EPA

History: This message has been replied to.

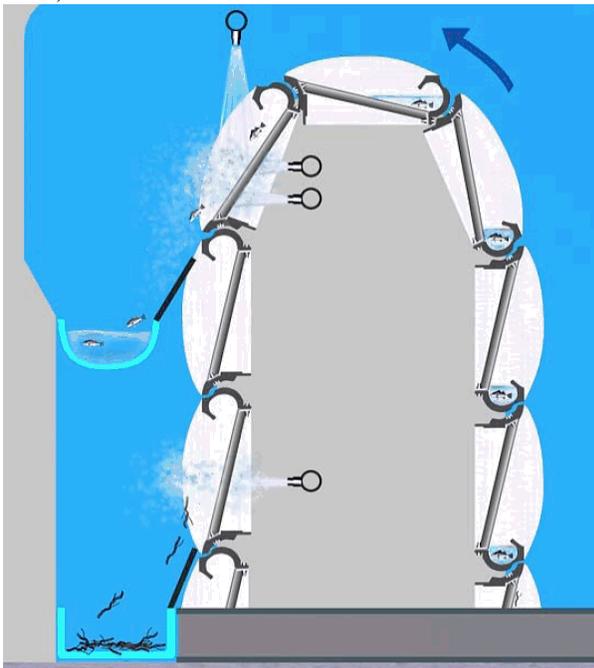
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