



DEBRIS MANAGEMENT PLAN

Monthly Update

April 2009

2009 SKIMMING STRATEGY

- Fully comply with FERC DMP skimming schedule requirements in terms of; ~ May 1 start date, 2 days per week frequency, and end on September 1.
- FirstLight Staff will operate the skimming vessel this season.
- Skim extra days per week pre-Memorial Day Weekend at Lake Lillinonah.
- Skim 2 days per week post Memorial Day Weekend at Lake Lillinonah.
- Skim two deployments at Lake Zoar for ~1 week durations (June and July).
- Additional skimming days will be scheduled depending upon the situation.
- Prioritized Skimming Strategy:
 - Focus on removing floating hazardous debris within the navigable channel.
 - Capture floating debris along the shore line.
 - Remove debris from coves – time permitting.
- Concentrate skimming effort in popular boating and natural debris accumulation locations.
- Deploy workboat to investigate and take appropriate actions to address reportable floating hazards.

OFF SEASON ACCOMPLISHMENTS

- Extensive major equipment repairs were successfully completed including:
 - Devine Hydraulics Inc. completely refurbished or furnished new pumps, propeller motors and propulsion controllers. Based on sea trials conducted on April 29, the high and low pressure systems are now operating at their original design conditions.
 - Incorporated a radiator to maintain the hydraulic fluid temperature within the recommended bio-degradable fluid operating ranges.
 - Structurally reinforced the entire front conveyor section.
 - Relined the debris dump truck bed with thick steel plate.
 - Rebuilt the debris plow pontoon boat motor.

SKIMMING ACTIVITIES

- All sub-contractor Purchase Orders have been issued.
- Skimming scheduled to commence week of April 26 focusing on floating debris near the dam.
- FirstLight will continue to skim near the dam until the hydraulic system is proven and FirstLight's crew becomes familiar with the operation of the skimmer.

DEBRIS OBSERVATIONS

- Based on several visual observations from Shepaug Dam, there is significantly less floating debris this seasons than was observed over the past three seasons.

LAKE REPRESENTATIVES

- As discussed during the March 2009 Debris Management Advisory Committee (DMAC) meeting, FirstLight will be scheduling debris survey tours with lake representatives.
 - The purpose of the lake tours is to confirm our mutual understanding on the amount of hazardous floating debris and to prioritize skimming locations.
 - FirstLight will continue to inform the DMAC on our monthly progress.
- A hazardous debris notification protocol meeting will be scheduled to discuss the best way to protect recreational boaters from large floating debris within the channel and to establish a communication channel to notify FirstLight.

D. J. Pudlo
4/30/2009

Rebuilt high and low pressure hydraulic pumps & gear box assembly



New hydraulic fluid radiator



Relined debris dump truck bed body



Sea Trials 4/29/2009

