



September 28, 2015

Mitigation Measures for Lock Gate Painting at L32 and L34

Site Location: Lock 32 (2015), Lock 34 (2016)

Projection description:

Recapitalization of lock gates 32 and 34 in the steel components. Work will involve abrasive blasting and repainting of the steel lock gates. Lock gate repair and application of protective coatings will be completed during non-navigational season. Lock gate repair and painting will require local dewatering of the gates by canal staff to enable either in situ rehabilitation or removal and rehabilitation off site.

The following Mitigation Measures shall be observed to ensure that aquatic and terrestrial environments are protected.

- 1.1 Upon completion of the work, all materials and debris shall be removed from Parks Canada property and the area restored to its original state.
- 1.2 Drop cloths shall be utilized around the entire work site to contain all paint, pressure washed and other debris, and prevent it from entering the canal.
- 1.3 All water, paint, pressure washed, blast cleaned and any other deleterious material shall be totally recovered and disposed of offsite in a designated waste facility licensed to receive it.
- 1.4 All paints, solvents, fluids and hazardous wastes must be properly contained, and disposed of at a designated location as per the job specifications agreed upon for the project, dated, or subsequent final specifications agreed upon following that date
- 1.5 No person shall permit any tools, equipment, temporary structures or parts thereof used or maintained for the purpose of building or conducting a work in a navigable water to remain in such water after completion of the project.
- 1.6 Drop cloths/sediment and erosion control measures shall be installed prior to project commencement and maintained throughout the work phase to prevent entry of sediment and debris into the water.
- 1.7 All measures referred to in 1.8 above shall be inspected daily during the construction phase and periodically thereafter to ensure they are functioning properly, and maintained and upgraded as required.
- 1.8 In the event the drop cloths and/or sediment and erosion control measures are not functioning, the project manager shall order the work stopped. No further work shall be carried out until the construction methods and/or the sediment/debris capture control plan is adjusted to address the problem.

1.9 Drop cloths/erosion and sediment control measures shall remain in place and be maintained until the construction site has been restored and stabilized following completion of work.

1.10 Upon completion of work all debris on the bed of the lock and canal, and within the lock chambers, shall be completely removed and the area shall be restored to its original state.

2.0 All construction materials and equipment used for the purpose of site preparation and project completion shall be stored and operated in a manner that prevents any deleterious substances (eg. petroleum products, silt, etc.) from entering the water.

2.1 Vehicle and equipment refuelling and maintenance shall be conducted away from the water.

3.0 Should conditions at the work site indicate that there are unforeseen negative impacts to fish or their habitat, all works shall cease until the problem has been corrected and/or any required input can be obtained from the Department of Fisheries and Oceans.

4.0 Should any cultural resource be encountered during a work project, such as, an archaeological resource or piece of machinery that has been identified as an object of historic significance to the Waterway, work shall cease until the item can be assessed by the Cultural Resource Specialist. Contact Environmental Assessment in Peterborough 705-750-4900.