ALLAGASH WILDERNESS WATERWAY

LOCK DAM OUTLET REPLACEMENT PROJECT
SEPTEMBER 4TH – OCTOBER 4, 2018

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LOCK DAM IN THE EARLY 1900’S
OLD OUTLET CULVERT SHOWING 30 FEET REPLACED IN 2012
EXCAVATION STARTED ON SEPTEMBER 4TH
DIGGING AROUND THE OLD STANDPIPE
OLD CULVERT AND GRATE REMOVED AT INLET
DIGGING THE TRENCH
BYPASS SIPHON TO PROVIDE WATERFLOW DURING CONSTRUCTION
FIRST THREE SECTIONS SET – TALLER SECTION SUPPORTS THE GATES
CRANE USED TO SET PRECAST CONCRETE SECTIONS
PRECAST CONCRETE DOWNSTREAM FROM THE GATES
TOP SIDE OF THE GATES
INSIDE THE PRECAST CULVERT LOOKING UPSTREAM TOWARDS THE GATES
GATES INSTALLED
OUTLET TIMBER SLUICE INSTALLED FOR FISH BARRIER
WATER FLOWING THROUGH THE CULVERT – AHEAD OF SCHEDULE ON 9/26/18
INLET WITH JIMMY LEE – OWNER OF EMERY LEE CONSTRUCTION
Aerial view showing flow from the outlet
AERIAL VIEW OF INLET 10/5/18
CONSTRUCTION TEAM

RON HUNT – DIRECTOR OF OPERATIONS AND MAINTENANCE, BUREAU OF PARKS & LANDS
DAVID RODRIGUES – DIRECTOR ENGINEERING & REALTY, BUREAU OF PARKS & LANDS
MATTHEW LAROCHE – SUPERINTENDENT, ALLAGASH WILDERNESS WATERWAY
CONSULTING ENGINEERS – PINNACLE HILL ENGINEERING, CANAAN, MAINE
PRECAST CONCRETE CONTRACTOR – AMERICAN CONCRETE, VEAZIE MAINE
CONSTRUCTION CONTRACTOR – EMERY LEE, MILLINOCKET, MAINE