



# ALLAGASH WILDERNESS WATERWAY

LOCK DAM OUTLET REPLACEMENT PROJECT  
SEPTEMBER 4<sup>TH</sup> – OCTOBER 4, 2018



[www.maine.gov/allagash](http://www.maine.gov/allagash)

# LOCK DAM IN THE EARLY 1900'S



Lock dam  
Chamberlain Lake

# 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 OULET



# 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

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