



US Army Corps of Engineers
New York District



New Jersey Department of
Environmental Protection

Pompton Lake Dam Post-Flood Report April 15-17, 2007 Nor'easter

PASSAIC RIVER BASIN FLOOD TASK FORCE MEETING HANDOUT JULY 19, 2007

INTRODUCTION: The U.S. Army Corps of Engineers (USACE) and New Jersey Department of Environmental Protection (NJDEP) are working in partnership on the Ramapo River at Oakland Flood Damage Reduction Project to provide communities upstream of the Pompton Lake Dam within the Ramapo River Sub Basin of the Passaic River relief from flooding. An important construction element of the Ramapo at Oakland Flood Damage Reduction Project is the flood gates at the Pompton Lake Dam in the Borough of Pompton Lakes and Wayne Township, Passaic County, New Jersey. The April 15-17, 2007 Nor'easter was the inaugural operation of the flood gates (aside from test operations) at the Pompton Lake Dam. Area residents affected by the flood questioned the impact that the operation of the flood gates had on their area downstream of the gates. In response to these concerns a post-flood report on the operation of the flood gates was prepared.



MEETING PURPOSE: The purpose of this meeting is to inform the public and local municipal officials of the findings of the post flood investigation regarding the operation of the flood gates during the April 2007 Nor'easter.

WHAT IS A POST-FLOOD REPORT AND WHY WAS IT PREPARED? A post flood report documents the hydrologic, hydraulic, and meteorologic aspects of flooding. For the April 2007 Nor'easter the post flood report was utilized as a tool to determine if gate operations at the Pompton Dam caused downstream flooding. For this analysis, flood data from the April 15-17, 2007 Nor'easter flood was compared to pre-project conditions and recent past floods of April 1984, Tropical Storm Floyd (September 1999), April 2005, and October 2005.

POST FLOOD REPORT FINDINGS: The findings of the report indicate that the operation of the flood gates during the April 2007 nor'easter had no measurable impact downstream. Areas that were flooded downstream during the storm would have been flooded to the same levels whether the project had been operating or not. The details of these findings will be presented and discussed at the meeting.

CONTACT INFORMATION: Additional questions regarding the gate operations at Pompton Lake Dam and requests to obtain a copy of the April 15-17, 2007 Pompton Lake Dam Post Flood Report should be directed to the attention:

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