

UPPER DUBLIN TOWNSHIP BOARD OF COMMISSIONERS

RESOLUTION NO: 10-2055

A RESOLUTION OF THE UPPER DUBLIN TOWNSHIP BOARD OF COMMISSIONERS (THE "COMMISSIONERS") AUTHORIZING UPPER DUBLIN TOWNSHIP (THE "TOWNSHIP") TO REQUEST AN H2O PA GRANT UNDER ACT 63 OF 2008 FROM THE COMMONWEALTH FINANCING AUTHORITY ("CFA") TO BE USED FOR THE CONSTRUCTION OF TWO DRY-IMPOUND FLOOD MITIGATION STRUCTURES, ONE ON THE RAPP RUN AND THE OTHER ON THE PINE RUN, DESIGNATING THE PRESIDENT AND VICE PRESIDENT OF THE BOARD OF COMMISSIONERS TO EXECUTE ALL DOCUMENTS AND AGREEMENTS ON BEHALF OF THE TOWNSHIP WITH THE CFA IN PURSUIT AND FACILITATION THEREOF.

WHEREAS, the Township is a first class township created and existing pursuant to the First Class Township Code, 53 P.S. § 55101, et seq.; and

WHEREAS, the Pine Run and Rapp Run watersheds and the areas in and around the Fort Washington Office Park consistently experience severe flooding during regular storm events, which has previously resulted in property damage, impairment and inconvenience to local businesses and residents, and potentially hazardous road conditions; and

WHEREAS, the Township, in order to protect the health, safety and welfare of the public, desires to undertake the construction of two dry-impound flood mitigation structures, one on the Rapp Run and the other on the Pine Run, and more fully described in the Project Description, attached hereto, incorporated herein and marked Exhibit A.

WHEREAS, the Pennsylvania General Assembly enacted Act 63 of 2008 (the "H2O PA Act") on July 9, 2008, thereby authorizing the CFA to award grants municipalities and municipal authorities for use in flood control projects; and

WHEREAS, the Commissioners deem it to be in the best interest of the Township to apply for a grant from the CFA under the H2O PA Act.

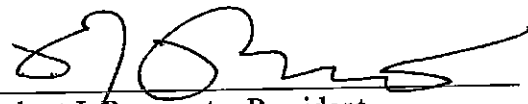
NOW, THEREFORE, BE AND IT IS HEREBY RESOLVED by the Upper Dublin Township Board of Commissioners:

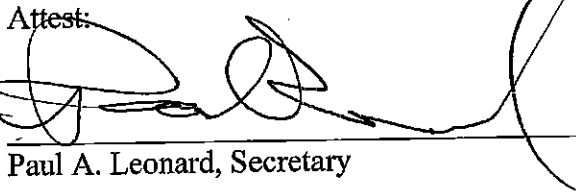
1. The Commissioners are hereby authorized to request a grant from the CFA under the H2O PA Act in the amount not to exceed TWENTY MILLION DOLLARS (\$20,000,000) to be used for the construction of two dry-impound flood mitigation structures, one on the Rapp Run and the other on the Pine Run, and more fully described in the Project Description, attached hereto, incorporated herein and marked Exhibit A.

2. The Authority hereby designates Robert J. Pesavento, President, and Ira S. Tackel, Vice President, officials to execute all documents and agreements between the Township and the CFA to facilitate and assist in obtaining the requested grant.

SO RESOLVED this 11th day of May, 2010.

BOARD OF COMMISSIONERS OF THE
TOWNSHIP OF UPPER DUBLIN


Robert J. Pesavento, President

Attest:

Paul A. Leonard, Secretary

(SEAL)

EXHIBIT A

Upper Dublin Township Stormwater Management Project Project Description

The Upper Dublin Township (Township) is located in Montgomery County Pennsylvania, approximately 13 miles northwest of Philadelphia. The Township has experienced flooding within the Fort Washington Industrial Park since the park was developed in the 1960s. The Township currently intends to apply for a Pennsylvania H2O grant to aid in the construction of flood mitigation measures. One of these measures, and the one for which the H2O grant would be applied, is the construction of two dry-impoundment flood mitigation structures, one on Rapp Run and the other Pine Run upstream of the industrial park. The structures will be located near the downstream end of property owned by the Township on both runs. The proposed Rapp Run structure is located approximately 1,500 ft upstream of Highland Avenue on Rapp Run and the Pine Run structure is located approximately 800 ft upstream of Limekiln Pike (State Highway SR 152). Rapp Run joins Pine Run downstream of the impoundment sites near the Fort Washington interchange of the Pennsylvania Turnpike (I-276). Pine Run subsequently joins Sandy Run at the intersection of I-276 and SR 309 and Sandy Run drains to Wissahickon Creek approximately 1 mile further downstream.

Upstream of the proposed construction sites, both Pine Run and Rapp Run watersheds are almost fully developed and are mostly occupied with residential lots. Commercial developments are more prevalent downstream of the structures. Any additional upstream development would have no additional impact, since the development would be required to not change the site's current discharge characteristics.

The two flood mitigation structures are designed primarily to reduce flooding for the smaller, more frequent storm events, generally up to the 10-year flood. However, some flood reduction benefit downstream of the structures will be realized for the 25-year and 50-year storm events as well. Due to the frequency of overtopping, each of the structures will have a concrete overflow spillway section for floods that exceed the storage capacity of the structures up the flood flows required by PADEP. A low-level outlet works through the overflow spillway will be designed to pass normal flow and for fish passage.

The Rapp Run impoundment site has a drainage area of approximately 1.9 square miles. The proposed structure at the Rapp Run site will consist of a reinforced concrete labyrinth spillway with earth abutments on either side. It will have a total height of 19 feet measuring from the bottom of the existing channel to the crest of the structure. The concrete labyrinth spillway will have a crest at elevation 192 ft, while the earth abutments will have a crest elevation at 195 ft. A low-level outlet consists of a rectangular opening of 16 square feet to allow flow through the structure during normal stream flow

The Pine Run impoundment has a drainage area of approximately 2.1 square miles. The proposed structure at the Pine Run site will also consist of a reinforced concrete labyrinth spillway with earth abutments on either side. The proposed structure will have a total height of 16 feet measuring from the bottom of the existing channel to the crest of the structure. A concrete labyrinth spillway will have a crest at elevation 207 ft, while the earth abutments will have a crest at 210 ft. A lower outlet consists of a rectangular opening of 16 square feet to allow flow through the structure during normal stream flow

CERTIFICATION

I, PAUL A. LEONARD, duly qualified Secretary of Upper Dublin Township, hereby certify that the forgoing Resolution is a true and correct copy of a Resolution duly adopted by a majority vote of the Board of Commissioners of Upper Dublin Township at a regular public meeting held on May 11, 2010, and said Resolution has been recorded in the Minutes of the Board of Commissioners of Upper Dublin Township and remains in effect as of this date.

IN WITNESS THEREOF, I affix my hand and attach the seal of Upper Dublin Township, this 11th day of May 2010.



Paul A. Leonard, Secretary
Upper Dublin Township

(SEAL)