

**MUNICIPALITY OF MONROEVILLE  
A HOME RULE COMMUNITY, ALLEGHENY COUNTY,  
PENNSYLVANIA**

**ORDINANCE NO. 2331**

**AN ORDINANCE OF THE MUNICIPALITY OF  
MONROEVILLE, ALLEGHENY COUNTY,  
PENNSYLVANIA, A HOME RULE CHARTER  
COMMUNITY, AMENDING THE STORM WATER  
MANAGEMENT ORDINANCE NO. 1788, TO CLARIFY  
THAT THE STORM WATER MANAGEMENT CONTROLS  
SET FORTH HEREIN ARE PEAK FLOW RATE  
CONTROLS AND SHALL BE IMPLEMENTED IN  
CONJUNCTION WITH THE STORM WATER QUALITY  
BEST MANAGEMENT PRACTICES SET FORTH IN THE  
STORM WATER QUALITY MANAGEMENT ORDINANCE  
NO. 2332**

**WHEREAS**, the MUNICIPALITY OF MONROEVILLE has adopted and has in place Storm Water Quality Management Requirements for municipal subdivision land development and redevelopment;

**WHEREAS**, the storm water management controls adopted pursuant to Act 167 are peak flow rate controls and shall be read in conjunction with the storm water quality best management practices set forth in the storm water quality management ordinance.

**NOW, THEREFORE, BE IT ENACTED AND ORDAINED**, the MUNICIPALITY OF MONROEVILLE makes the following amendments to its Storm Water Management Ordinance:

**SECTION 1.** This Ordinance shall be entitled and known as “Storm Water Peak Flow Rate Management Ordinance”. The requirements of this Ordinance shall be read in conjunction with the storm water quality requirements set forth in Ordinance No. 2332.

**SECTION 2.** The following portions of the Storm Water Peak Flow Rate Management Ordinance, adopted March 10, 1992, shall be amended to add the following:

1. SECTION 2. - Storm Water Management Performance Districts, C.

Percentage, b. Procedure for Use, subpart 2., shall be amended to state:

2. Compute the pre- and post-development runoff hydrographs for each storm water outfall on the development site using an acceptable calculation method for 2-, 10-, 25-, and 100-year storms. Apply no onsite detention for storm water management but include any techniques to minimize impervious surfaces and/or increase the time of concentration for storm water runoff flowing from the development site. If the post development peak runoff rate and the runoff volume are less than or equal to the predevelopment peak runoff rate and volume, then additional storm water control shall not be required at the outfall. If the post development peak runoff rate and volume are greater than the predevelopment peak runoff rate and volume, then storm water detention will be required and the capacity of the detention facility must be calculated in the manner prescribed below. The disturbed area used to generate the pre-development and post-development runoff hydrographs must be clearly shown on the plot plan. In all cases, the sum of the pre-development areas runoff release rate applies to the entire disturbed area. Disturbed area consists of any area which changes because of grading, transportation, fill, construction and any other activity which causes land to be exposed to the danger of erosion.

2. SECTION 2. - Storm Water Quality Management Performance Districts,

C. Watershed Standards: Turtle Creek Storm Water/Management District, 4. Release Rate

Percentage, b. Procedure for Use, subpart 4., shall be amended to state:

4. Design the outlet control facilities and size the volume of the detention facility using the calculated post development hydrograph and accepted hydrograph routing procedures in consideration of the maximum allowable

release rate. All detention structures shall have a 10% sediment storage volume allowance applied to the maximum required storage calculated from the routed storm events.

3. SECTION 2. - Storm Water Quality Management Performance Districts,

C. Watershed Standards: Turtle Creek Storm Water/Management District, 4. Release Rate Percentage, b. Procedure for Use, subpart 5., shall be amended to include an additional subpart, which states:

5. The use of any gravel filled detention structure is prohibited because future inspection and maintenance of this type of facility is not practical. This is not intended to discourage the use of gravel infiltration facilities intended to reduce the volume of storm water runoff.

4. SECTION 3. - Design Criteria for Storm Water Management Controls,

C. Criteria for Storm Water Detention Facilities, subpart 5. entitled "Other considerations which should be incorporated into design of the detention facilities include:", shall be amended to include an additional subpart", which states:

h. A staff gauge shall be permanently installed at all outlet structures in order to facilitate inspection and maintenance. The staff gauge shall be constructed of weather-resistant materials and shall be calibrated in 1/10-foot increments. Zero elevation of the gauge shall be set at the invert elevation of the outlet control device.

5. SECTION 5. – Maintenance of Storm Water Management Controls,

A. Maintenance Responsibilities, shall be amended to include an additional subpart which states:

4. The operation and maintenance plan for the development sites shall be filed, in the form that meets the requirements for recording, at the offices of the Recorder of Deeds of Allegheny County.

6. SECTION 8. – Status Of The Storm Water Plan After Approval, shall be amended to include an additional subpart, which states:

C. Upon completion of construction of all storm water runoff controls, including collection, conveyance, and storage facilities, as-built plans, in a digital form approved by the Engineer, shall be provided to the Municipality. The data shall be geo-referenced to the Pennsylvania State Plan Coordinate System of 1983, Southern Zone.

5. SECTION 14. – Definitions, shall be amended to revise the definition of the Pennsylvania DER to Pennsylvania DEP: Pennsylvania Department of Environmental Protection.

**SECTION 3.** The provisions of this Ordinance shall be severable, and if any of the provisions hereof shall be invalid or unenforceable, the remaining provisions of the Ordinance shall remain in effect.

**SECTION 4.** Any Ordinance or part of any Ordinance conflicting with any of the provisions of this Ordinance are hereby repealed insofar as the same affects this Ordinance.

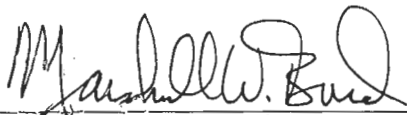
**SECTION 5.** This Ordinance shall become effective immediately.

**SECTION 6.** If any sentence, clause, section, or part of this Ordinance is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality, or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections or parts of this Ordinance. It is hereby declared as the intent of the Municipality that this Ordinance would have been adopted had such unconstitutional, illegal or invalid sentence, clause, section or part thereof not been included herein.

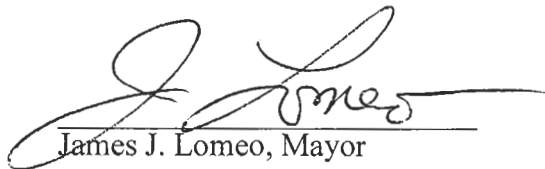
**ORDAINED and ENACTED** this 12<sup>th</sup> day of April, 2005.

ATTEST:

MUNICIPALITY OF MONROEVILLE



Marshall Bond, Municipal Manager



James J. Lomeo, Mayor

ENTERED INTO LEGAL BOOK: April 22, 2005