

ORDINANCE NO. 1071

AN ORDINANCE OF THE BOROUGH OF WAYNESBORO, FRANKLIN COUNTY, PENNSYLVANIA, AMENDING THE STORMWATER MANAGEMENT ORDINANCE NO. 961 OF THE BOROUGH OF WAYNESBORO

BE IT ENACTED AND ORDAINED by the Mayor and Borough Council of the Borough of Waynesboro, Franklin County, Pennsylvania, and it is enacted and ordained as follows:

SECTION I: The Stormwater Management Ordinance No. 961 of the Borough of Waynesboro, Article I thereof, Section 104, Subsections C, D and H, is hereby amended and shall read:

- C. Construction of new or additional impervious or semi-pervious surfaces in excess of 2,500 square feet (driveways, parking lots, etc.).
- D. Construction of new buildings or additions to existing buildings in excess of 2,500 square feet.
- H. Land disturbances in excess of 2,500 square feet, but excluding those related with agricultural activities.

SECTION II: The Stormwater Management Ordinance No. 961 of the Borough of Waynesboro, Article III thereof, Section 302, is hereby amended and shall read:

Pre-development peak run-off rates shall be computed for the 2-year, 10-year, 25-year, and 100-year storm events. The allowable post-development peak run-off rate for each storm event shall be equal to the arithmetic product of the pre-development peak run-off rate and respective release rate percentage shown on Plate A. If the post-development peak run-off rates are less than equal to the allowable release rates, no controls are required. Where site conditions are acceptable, infiltration practices shall be employed to control the post-development peak run-off to the appropriate rate. Where the exclusive use of infiltration practices are not practical or feasible, detention facilities shall be provided solely or in combination with the infiltration facilities to achieve the required peak run-off rate.

SECTION III: The Stormwater Management Ordinance No. 951 of the Borough of Waynesboro, Article IV thereof, Section 401, is hereby amended and shall read:

The drainage plan shall be designed and certified by a Professional Engineer (P.E.), registered in the Commonwealth of Pennsylvania to perform such duties.

SECTION IV: The Stormwater Management Ordinance No. 961 of the Borough of Waynesboro, Article IV thereof, Section 402, Subsections A, D, and F, is hereby amended and shall read:

- A. Any regulated activity that would create 2,500 square feet or less of impervious area is exempt from the provisions of this ordinance. This criteria shall apply to the total development (entire parent tract) even if the development is to take place in phases. The date of adoption of this ordinance shall be the point from which to consider tracts as "parent tracts" for which impervious area shall be inclusively considered. The developer shall be responsible to ensure that exempted activities shall maintain sound building and construction practices such that the quantity, velocity and direction of the resulting stormwater run-off will adequately protect health, safety, or other property from possible injury.

- D. Agricultural activities, when operated in accordance with conservation plan or erosion and sedimentation control plan prepared by the Conservation District, are specifically exempt from complying with the requirements of this ordinance. The construction of buildings, parking lots or any activity that results in more than 2,500 square feet of impervious surface shall comply with the requirements of this ordinance.

- F. All commercial and/or agricultural development shall not be eligible for exemptions.

SECTION V: The Stormwater Management Ordinance No. 961 of the Borough of Waynesboro, Plate "A" Sub-area Release Rate Table, is hereby amended and shall read:

(SEE ATTACHED PLATE A)

SECTION VI: The Stormwater Management Ordinance No. 961 of the Borough of Waynesboro, Table VII Rational Run-off Coefficients, is hereby amended and shall read:

(SEE ATTACHED TABLE)

SECTION VII: The Stormwater Management Ordinance No. 961 of the Borough of Waynesboro, Article III thereof, Section 304, Subsection F, is hereby amended and shall read:


- F. Run-off coefficients (c) for both existing and proposed conditions for use in the Rational Method shall only be obtained from Table VII Rational Run-off Coefficients and shall be subject to the approval of the Head of Borough Engineering Services or his representative.

SECTION VIII: Repealer. All provisions of previous ordinances of the Borough of Waynesboro, which are contrary to this ordinance, are expressly repealed.

SECTION IX: Savings Clause. In all other respects, the Stormwater Management Ordinance of the Borough of Waynesboro shall remain as previously enacted and ordained.

SECTION X: Effective Date. This ordinance shall become effective upon adoption.

ENACTED, ORDAINED AND APPROVED this 19th day of March, 2008.



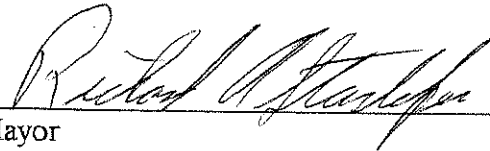
President of Borough Council

Attest:



Secretary to Borough Council

Approved this 19th day of March, 2008.



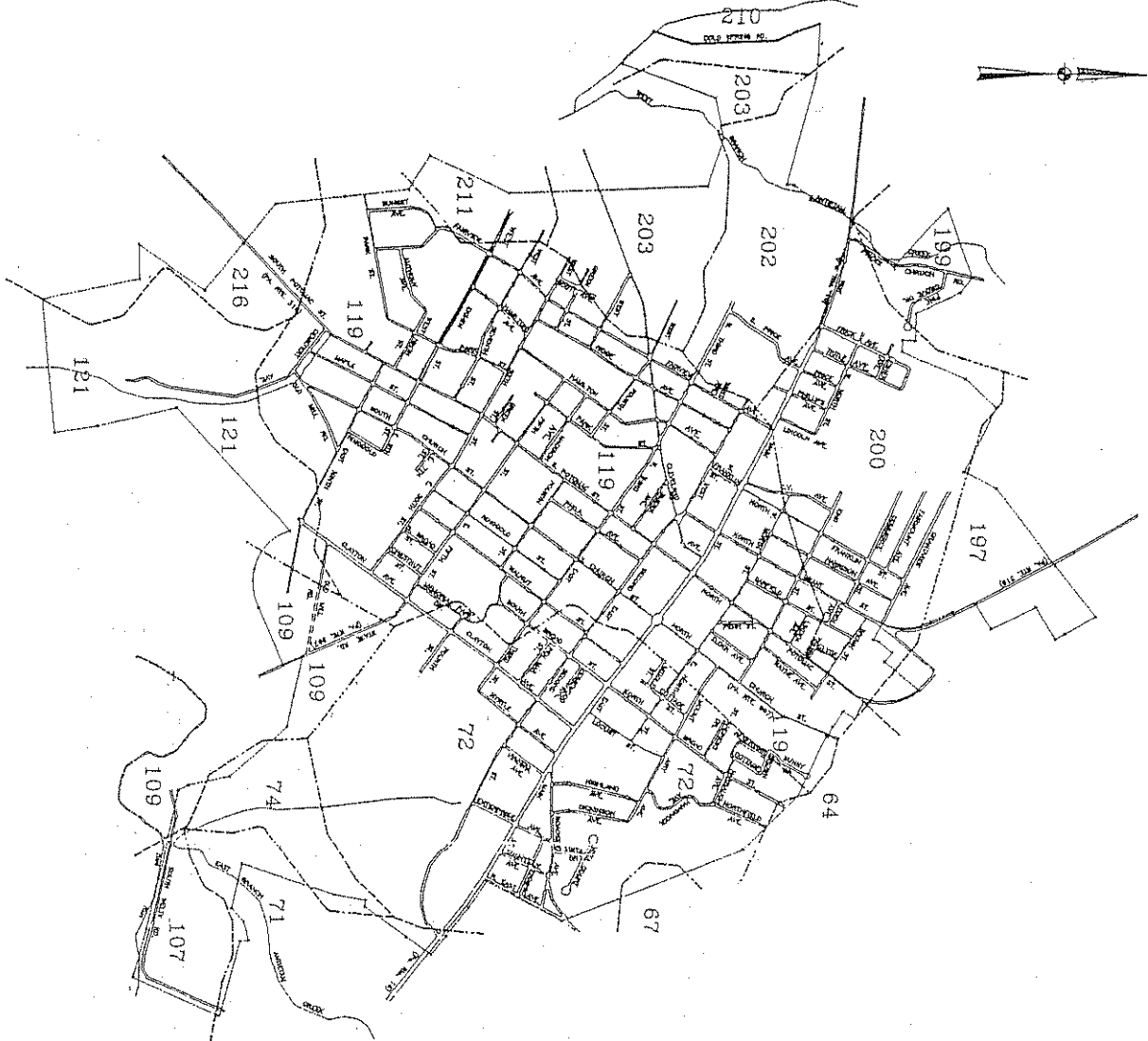
Mayor

**TABLE VII
RATIONAL RUNOFF COEFFICIENTS**

| LAND USE DESCRIPTION | HYDROLOGIC SOIL GROUP | | | |
|--|------------------------------|----------|----------|----------|
| | A | B | C | D |
| Cultivated Land : without conservation treatment | .49 | .67 | .81 | .88 |
| : with conservation treatment | .27 | .43 | .61 | .67 |
| Pasture or Range Land : poor conditions | .38 | .63 | .78 | .84 |
| : good conditions | ---* | .25 | .51 | .65 |
| Meadow ; good conditions | ---* | ---* | .44 | .61 |
| Wood or Forest Land : thin stand, poor cover, no mulch | ---* | .34 | .59 | .70 |
| : good cover | ---* | ---* | .45 | .59 |
| Open Spaces, lawns, parks, golf courses, cemeteries | | | | |
| Good conditions : grass cover on 75% or more of the area | ---* | .25 | .51 | .65 |
| Fair conditions : grass cover on 50% to 75% of the area | ---* | .45 | .63 | .74 |
| Commercial and Business areas (85% impervious) | .84 | .90 | .93 | .96 |
| Industrial Districts (72% impervious) | .67 | .81 | .88 | .92 |
| Residential : | | | | |
| Average Lot Size Average % Impervious | | | | |
| 1/8 acre or less 65 | .59 | .76 | .86 | .90 |
| 1/4 acre 38 | .25 | .49 | .67 | .78 |
| 1/3 acre 30 | ---* | .49 | .67 | .78 |
| 1/2 acre 25 | ---* | .45 | .65 | .76 |
| 1 acre 20 | ---* | .41 | .63 | .74 |
| Paved parking lots, roofs, driveways, etc. | .99 | .99 | .99 | .99 |
| Streets and Roads : | | | | |
| Paved with curbs and storm sewers | .99 | .99 | .99 | .99 |
| Gravel | .57 | .76 | .84 | .88 |
| Dirt | .49 | .69 | .80 | .84 |

NOTES:

Values are based on S.C.S. definitions ands are average values.
Values indicated by ---* should be determined by the Design Engineer based on site characteristics.



| SUBAREA | SUBAREA RELEASE RATE (Percent of Pre-Development Peak Flow) | | | PRE-DEVELOPMENT PEAK CHARGE | | |
|---------|--|------------------------------|--|--------------------------------|---------------|----------------|
| | AVERAGE RELEASE RATES 2-YEAR & 10-YEAR STORMS | 25-YEAR & 100-YEAR STORMS | | Q-2 (CES) | Q-10 (CES) | Q-100 (CES) |
| 64 | 70 | 80 | | 34.3 | 137.4 | 289.0 |
| 67 | 50 | 60 | | 85.2 | 319.9 | 649.8 |
| 71 | 50 | 60 | | 586.3 | 2630.8 | 5718.2 |
| 72 | 50 | 60 | | 433.5 | 1002.4 | 1585.7 |
| 74 | 65 | 75 | | 315.8 | 662.9 | 998.2 |
| 107 | 80 | 90 | | 472.6 | 1696.7 | 3498.8 |
| 109 | 75 | 85 | | 1119.2 | 4257.9 | 8756.3 |
| 119 | 40 | 60 | | 755.8 | 1659.9 | 2589.1 |
| 121 | 50 | 60 | | 506.3 | 1298.6 | 2010.6 |
| 197 | 50 | 60 | | 33.6 | 112.9 | 221.4 |
| 199 | 65 | 75 | | 857.7 | 3699.6 | 7452.1 |
| 200 | 50 | 60 | | 229.2 | 553.1 | 890.1 |
| 202 | 50 | 60 | | 896.4 | 3768.4 | 7543.7 |
| 203 | 50 | 60 | | 905.8 | 3783.8 | 7558.2 |
| 210 | 50 | 60 | | 112.8 | 448.2 | 907.5 |
| 211 | 50 | 60 | | 1004.0 | 4115.9 | 8139.8 |
| 216 | 55 | 65 | | 1069.5 | 4371.8 | 8586.4 |

PLATE A
BOROUGH OF WAYNESBORO
(NOT TO SCALE)

PREPARED BY THE ENGINEERING DEPT. OF THE BOROUGH OF WAYNESBORO