



June 12, 2008

MEMORANDUM

TO: Montgomery County Planning Board

VIA: Karl Moritz, Chief, Research & Technology Center
Roselle George, Research Manager, Research & Technology Center

FROM: Pamela Dunn, Planner Coordinator, Research & Technology Center

SUBJECT: FY2009 Growth Policy: Acceptance of School Test Results

Beginning in July 2004, the Montgomery County Growth Policy is not revisited by the County Council on an annual basis. However, there continues to be an annual component of the revised growth policy: a review of the results of the school test. The school test determines if residential subdivisions in any school clusters should be subject to either a school facilities payment or a moratorium.

Staff will be requesting the Planning Board's acceptance of the attached school test results for FY09. These results find that nine school clusters exceed the 105 percent program capacity ceiling; eight clusters exceed at the elementary level and one cluster exceeds at the high school level. Thus, residential development in these nine clusters will be subject to a school facility payment.

In addition, one school cluster exceeds the 120 percent program capacity ceiling; the Clarksburg school cluster. Residential subdivisions will be under moratorium for FY09 in the Clarksburg cluster.

During the preparation of the 2007-2009 Growth Policy, the Planning Board and staff engaged in thorough discussions involving school forecasts and significant capacity issues facing Montgomery County Public Schools. Thus, staff is not planning to make a presentation at this time. However, if Board members would prefer to have an expanded presentation staff would happy to prepare one.

Acceptance of School Test Results

As in the past, the School Test analysis is prepared by Montgomery County Public Schools staff using the methodology adopted by the County Council. Planning staff has reviewed the results of the MCPS analysis and we endorse the findings outlined above.

The school test compares projected 2014 enrollment with 2014 classroom capacity for each of the 25 high school clusters at the elementary, middle and high school levels. At all three levels, elementary, middle, and high school, enrollment must not exceed 105 percent of program capacity and “borrowing” from adjacent clusters is not permitted. If projected enrollment at any level exceeds 105 percent of program capacity, residential subdivisions in the affected cluster will be required to make a school facility payment.

In addition, at all three levels, elementary, middle and high school, projected enrollment must not exceed 120 percent of program capacity and “borrowing” from adjacent clusters is not permitted. If projected enrollment at any level exceeds 120 percent of program capacity, residential subdivisions in the affected cluster will be under moratorium.

According to the analysis, enrollment does exceed 105 percent of capacity in eight school clusters at the elementary school level: Bethesda-Chevy Chase, Kennedy, Richard Montgomery, Northwest, Quince Orchard, Rockville, Wheaton and Whitman. At the high school level, there is one cluster where enrollment exceeds 105 percent of capacity: Wootton. Thus, residential subdivisions in the previously listed clusters will be required to make a school facility payment.

During FY2008, nine school clusters exceeded the 105 percent capacity ceiling. The new enrollment projections also indicate that nine school clusters will exceed the 105 percent ceiling. The difference between FY2008 and FY2009 is the removal of the Blake cluster from this group and the addition of the Kennedy cluster.

As stated earlier, the only cluster where development will be subject to a moratorium in FY2009 is the Clarksburg school cluster. In FY2008, the Clarksburg, Kennedy and Einstein clusters all exceeded the 120 percent capacity ceiling.

Planning staff recommends that Planning Board accept the results of the school test as calculated by Montgomery County Public Schools staff, for FY2009. These findings are attached at circle 1.

Once accepted by the Planning Board, this table (along with the resolution adopted by the Council in November 2007) will constitute Montgomery County's growth policy for FY2009.

Public School Facilities

S1 Geographic Areas

For the purposes of public school analysis and local area review of school facilities at time of subdivision, the County has been divided into 25 areas called high school clusters. These areas coincide with the cluster boundaries used by the Montgomery County Public School system.

The groupings used are only to administer the Adequate Public Facilities Ordinance and do not require any action by the Board of Education in exercising its power to designate school service boundaries.

S2 Grade Levels

Each cluster must be assessed separately at each of the 3 grade levels -- elementary, intermediate/middle, and high school.

S3 Determination of Adequacy

Each year, not later than July 1, the Planning Board must evaluate available capacity in each high school cluster and compare enrollment projected by Montgomery County Public Schools for each fiscal year with projected school capacity in 5 years.

S4 Moratorium on Residential Subdivision Approvals

In considering whether a moratorium on residential subdivisions must be imposed, the Planning Board must use 120% of Montgomery County Public Schools program capacity as its measure of adequate school capacity. This capacity measure must not count relocatable classrooms in computing a school's permanent capacity. If projected enrollment at any grade level in that cluster will exceed 120% of capacity, the Board must not approve any residential subdivision in that cluster during the next fiscal year.

Table 3 shows the result of this test for November 15, 2007, to July 1, 2008. Table 3 also shows the remaining capacity, in students, at each grade level in each cluster. Using average student generation rates developed from the most recent Census Update Survey, the Planning Board must limit residential subdivision approvals in any cluster

during the fiscal year so that the students generated by the housing units approved do not exceed the remaining capacity for students at any grade level in that cluster.

S5 Imposition of School Facilities Payment

In considering whether a School Facilities Payment must be imposed on a residential subdivision, the Planning Board must use 105% of Montgomery County Public Schools' program capacity as its measure of adequate school capacity. This capacity measure must not count relocatable classrooms in computing a school's permanent capacity. If projected enrollment at any grade level in that cluster will exceed 105% of capacity but not exceed 120%, the Board may approve a residential subdivision in that cluster during the next fiscal year if the applicant commits to pay a School Facilities Payment as provided in County law before receiving a building permit for any building in that subdivision.

Table 4 shows the result of this test for November 15, 2007, to July 1, 2008. Table 4 also shows the remaining capacity, in students, at each grade level in each cluster. Using average student generation rates developed from the most recent Census Update Survey, the Planning Board must limit residential subdivision approvals in any cluster during the fiscal year so that the students generated by the housing units approved do not exceed the remaining capacity for students at any grade level in that cluster.

S6 Senior Housing

If public school capacity is inadequate in any cluster, the Planning Board may nevertheless approve a subdivision in that cluster if the subdivision consists solely of multifamily housing and related facilities for elderly or handicapped persons or multifamily housing units located in the age-restricted section of a planned retirement community.

S7 De Minimis Development

If public school capacity is inadequate in any cluster, the Planning Board may nevertheless approve a subdivision in that cluster if the subdivision consists of no more than 3 housing units and the applicant commits to pay a School Facilities Payment as otherwise required before receiving a building permit for any building in that subdivision.

S8 Development District Participants

The Planning Board may require any development district for which it approves a provisional adequate public facilities approval (PAPF) to produce or contribute to infrastructure improvements needed to address inadequate school capacity.

S9 Allocation of Staging Ceiling to Preliminary Plans of Subdivision

The Planning Board must allocate available staging ceiling capacity in a high school cluster based on the queue date of an application for preliminary plan of subdivision approval.

S9.1 Assignment of queue date

The queue date of a preliminary plan of subdivision is the date:

- a complete application is filed with the Planning Board; or
- 6 months after the prior queue date if the prior queue date expires under **S9.4**.

S9.2 Calculation of available staging ceiling capacity

The Planning Board must determine whether adequate staging ceiling capacity is available for a project by subtracting the capacity required by projects with earlier queue dates from the remaining capacity on Table 3 as updated periodically. Based on this calculation, the Planning Board may:

- approve a project for which there is sufficient capacity;
- approve part of a project for which there is sufficient capacity, leaving the remainder of the project in the queue until additional capacity becomes available;
- deny an application for a project for which there is insufficient capacity; or
- defer approval of a project and leave the project in the queue until sufficient capacity becomes available for all or part of the project. If insufficient capacity is available, the Board must not schedule a hearing on the application unless the applicant requests one.

If sufficient capacity is available for a project based on the queue date, the Planning Board must not deny an application based on pipeline (but not staging ceiling) changes while the queue date is in effect.

S9.3 Applicability of School Facilities Payment

The Planning Board must determine whether a project is required to pay a School Facilities Payment by subtracting the capacity required by projects with earlier queue dates from the remaining capacity on Table 4 as updated periodically. Based on this calculation, the Planning Board may:

- approve a project for which there is sufficient capacity;
- approve part of a project for which there is sufficient capacity, requiring the remainder of the project to pay the applicable School Facilities Payment until additional capacity becomes available; or
- defer approval of a project and leave the project in the queue until sufficient capacity becomes available for all or part of the project. If insufficient capacity is available, the Board must not schedule a hearing on the application unless the applicant requests one.

If a project must pay a School Facilities Payment, the Planning Board must not deny an application based on pipeline (but not staging ceiling) changes while the Payment requirement is in effect.

S9.4 Expiration of queue date

A queue date for an application for preliminary plan of subdivision approval expires:

- 6 months after the queue date if sufficient staging ceiling capacity was available for the entire project on the queue date and the Planning Board has not approved the application or granted an extension of the queue date; or
- 6 months after sufficient capacity becomes available for the entire project.

The Planning Board may grant one or more 6-month extensions of a queue date if the applicant demonstrates that a queue date expired or will expire because of governmental delay beyond the applicant's control.

FY 2009 School Test @ 120% Program Capacity for 2013–2014

Reflects County Council Adopted FY 2009-2014 Capital Improvements Program (CIP)

Elementary School Enrollment and MCPS Capacity @ 120%

Cluster Area	Projected August 2013 Enrollment	100% MCPS Program Capacity With CC Adopted FY09-14 CIP	120% MCPS Program Capacity With CC Adopted FY09-14 CIP	Capacity Remaining @ 120% MCPS capacity	Growth Policy 120% Test Result Capacity is:	Cluster Moratorium?
B- CC	3,118	2,737	3,284	166	Adequate	No
Blair	3,661	4,216	5,059	1,398	Adequate	No
Blake	2,337	2,370	2,844	507	Adequate	No
Churchill	2,564	2,766	3,319	755	Adequate	No
Clarksburg	3,662	3,215	3,858	196	Adequate	No
Damascus	1,955	2,104	2,525	570	Adequate	No
Einstein	2,261	2,466	2,959	698	Adequate	No
Gaithersburg	3,641	3,957	4,748	1,107	Adequate	No
Walter Johnson	3,310	3,207	3,848	538	Adequate	No
Kennedy	2,439	2,285	2,742	303	Adequate	No
Magruder	2,582	2,542	3,050	468	Adequate	No
R. Montgomery	2,322	2,155	2,586	264	Adequate	No
Northwest	3,998	3,521	4,225	227	Adequate	No
Northwood	2,773	2,668	3,202	429	Adequate	No
Paint Branch	2,328	2,315	2,778	450	Adequate	No
Poolesville	598	754	905	307	Adequate	No
Quince Orchard	2,897	2,667	3,200	303	Adequate	No
Rockville	2,484	2,229	2,675	191	Adequate	No
Seneca Valley	2,176	2,220	2,664	488	Adequate	No
Sherwood	2,407	2,660	3,192	785	Adequate	No
Springbrook	2,768	3,156	3,787	1,019	Adequate	No
Watkins Mill	2,467	2,737	3,284	817	Adequate	No
Wheaton	2,539	2,304	2,765	226	Adequate	No
Whitman	2,263	2,084	2,501	238	Adequate	No
Wootton	2,904	3,083	3,700	796	Adequate	No

Middle School Enrollment and MCPS Capacity @ 120%

Cluster Area	Projected August 2013 Enrollment	100% MCPS Program Capacity With CC Adopted FY09-14 CIP	120% MCPS Program Capacity With CC Adopted FY09-14 CIP	Capacity Remaining @ 120% MCPS capacity	Growth Policy 120% Test Result Capacity is:	Cluster Moratorium?
B- CC	1,059	1,037	1,244	185	Adequate	No
Blair	1,849	2,253	2,704	855	Adequate	No
Blake	1,006	1,332	1,598	592	Adequate	No
Churchill	1,362	1,434	1,721	359	Adequate	No
Clarksburg	1,488	1,142	1,370	-118	Inadequate	Yes
Damascus	903	941	1,129	226	Adequate	No
Einstein	953	1,411	1,693	740	Adequate	No
Gaithersburg	1,337	1,800	2,160	823	Adequate	No
Walter Johnson	1,498	1,846	2,215	717	Adequate	No
Kennedy	1,167	1,445	1,734	567	Adequate	No
Magruder	1,055	1,594	1,913	858	Adequate	No
R. Montgomery	1,004	973	1,168	164	Adequate	No
Northwest	1,873	1,964	2,357	484	Adequate	No
Northwood	895	1,344	1,613	718	Adequate	No
Paint Branch	1,052	1,308	1,570	518	Adequate	No
Poolesville	281	472	566	285	Adequate	No
Quince Orchard	1,239	1,638	1,966	727	Adequate	No
Rockville	913	972	1,166	253	Adequate	No
Seneca Valley	1,062	1,476	1,771	709	Adequate	No
Sherwood	1,170	1,475	1,770	600	Adequate	No
Springbrook	932	1,216	1,459	527	Adequate	No
Watkins Mill	997	1,251	1,501	504	Adequate	No
Wheaton	1,485	1,649	1,979	494	Adequate	No
Whitman	1,194	1,267	1,520	326	Adequate	No
Wootton	1,330	1,578	1,894	564	Adequate	No

High School Enrollment and MCPS Capacity @ 120%

Cluster Area	Projected August 2013 Enrollment	100% MCPS Program Capacity With CC Adopted FY09-14 CIP	120% MCPS Program Capacity With CC Adopted FY09-14 CIP	Capacity Remaining @ 120% MCPS capacity	Growth Policy 120% Test Result Capacity is:	Cluster Moratorium?
B- CC	1,605	1,656	1,987	382	Adequate	No
Blair	2,304	2,885	3,462	1,158	Adequate	No
Blake	1,653	1,715	2,058	405	Adequate	No
Churchill	1,847	1,972	2,366	519	Adequate	No
Clarksburg	1,944	1,593	1,912	-32	Inadequate	Yes
Damascus	1,256	1,589	1,907	651	Adequate	No
Einstein	1,600	1,615	1,938	338	Adequate	No
Gaithersburg	1,856	2,067	2,480	624	Adequate	No
Walter Johnson	2,020	2,262	2,714	694	Adequate	No
Kennedy	1,483	1,829	2,195	712	Adequate	No
Magruder	1,709	1,958	2,350	641	Adequate	No
R. Montgomery	1,846	1,967	2,360	514	Adequate	No
Northwest	2,217	2,151	2,581	364	Adequate	No
Northwood	1,190	1,526	1,831	641	Adequate	No
Paint Branch	1,670	1,899	2,279	609	Adequate	No
Poolesville	1,106	1,107	1,328	222	Adequate	No
Quince Orchard	1,709	1,791	2,149	440	Adequate	No
Rockville	1,144	1,602	1,922	778	Adequate	No
Seneca Valley	1,327	1,452	1,742	415	Adequate	No
Sherwood	1,913	2,022	2,426	513	Adequate	No
Springbrook	1,681	2,086	2,503	822	Adequate	No
Watkins Mill	1,478	1,958	2,350	872	Adequate	No
Wheaton	1,294	1,389	1,667	373	Adequate	No
Whitman	1,820	1,891	2,269	449	Adequate	No
Wootton	2,256	2,059	2,471	215	Adequate	No

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FY 2009 School Test @ 105% Program Capacity for 2013–2014

Reflects County Council Adopted FY 2009-2014 Capital Improvements Program (CIP)

Elementary School Enrollment and MCPS Capacity @ 105%

Cluster Area	Projected August 2013 Enrollment	100% MCPS Program Capacity With CC Adopted FY09-14 CIP	105% MCPS Program Capacity With CC Adopted FY09-14 CIP	Capacity Remaining @ 105% MCPS capacity	Growth Policy 105% Test Result Capacity is:	School Facility Payment Required To Proceed?	
B- CC		3,118	2,737	2,874	-244	Inadequate	Yes
Blair	3,661	4,216	4,427	766	Adequate	No	
Blake	2,337	2,370	2,489	152	Adequate	No	
Churchill	2,564	2,766	2,904	340	Adequate	No	
Clarksburg	3,662	3,215	3,376	-286	Inadequate	Yes	
Damascus	1,955	2,104	2,209	254	Adequate	No	
Einstein	2,261	2,466	2,589	328	Adequate	No	
Gaithersburg	3,641	3,957	4,155	514	Adequate	No	
Walter Johnson	3,310	3,207	3,367	57	Adequate	No	
Kennedy	2,439	2,285	2,399	-40	Inadequate	Yes	
Magruder	2,582	2,542	2,669	87	Adequate	No	
R. Montgomery	2,322	2,155	2,263	-59	Inadequate	Yes	
Northwest	3,998	3,521	3,697	-301	Inadequate	Yes	
Northwood	2,773	2,668	2,801	28	Adequate	No	
Paint Branch	2,328	2,315	2,431	103	Adequate	No	
Poolesville	598	754	792	194	Adequate	No	
Quince Orchard	2,897	2,667	2,800	-97	Inadequate	Yes	
Rockville	2,484	2,229	2,340	-144	Inadequate	Yes	
Seneca Valley	2,176	2,220	2,331	155	Adequate	No	
Sherwood	2,407	2,660	2,793	386	Adequate	No	
Springbrook	2,768	3,156	3,314	546	Adequate	No	
Watkins Mill	2,467	2,737	2,874	407	Adequate	No	
Wheaton	2,539	2,304	2,419	-120	Inadequate	Yes	
Whitman	2,263	2,084	2,188	-75	Inadequate	Yes	
Wootton	2,904	3,083	3,237	333	Adequate	No	

Middle School Enrollment and MCPS Capacity @ 105%

Cluster Area	Projected August 2013 Enrollment	100% MCPS Program Capacity With CC Adopted FY09-14 CIP	105% MCPS Program Capacity With CC Adopted FY09-14 CIP	Capacity Remaining @ 105% MCPS capacity	Growth Policy 105% Test Result Capacity is:	School Facility Payment Required To Proceed?
B- CC	1,059	1,037	1,089	30	Adequate	No
Blair	1,849	2,253	2,366	517	Adequate	No
Blake	1,006	1,332	1,399	393	Adequate	No
Churchill	1,362	1,434	1,506	144	Adequate	No
Clarksburg	1,488	1,142	1,199	-289	Inadequate	Yes
Damascus	903	941	988	85	Adequate	No
Einstein	953	1,411	1,482	529	Adequate	No
Gaithersburg	1,337	1,800	1,890	553	Adequate	No
Walter Johnson	1,498	1,846	1,938	440	Adequate	No
Kennedy	1,167	1,445	1,517	350	Adequate	No
Magruder	1,055	1,594	1,674	619	Adequate	No
R. Montgomery	1,004	973	1,022	18	Adequate	No
Northwest	1,873	1,964	2,062	189	Adequate	No
Northwood	895	1,344	1,411	516	Adequate	No
Paint Branch	1,052	1,308	1,373	321	Adequate	No
Poolesville	281	472	496	215	Adequate	No
Quince Orchard	1,239	1,638	1,720	481	Adequate	No
Rockville	913	972	1,021	108	Adequate	No
Seneca Valley	1,062	1,476	1,550	488	Adequate	No
Sherwood	1,170	1,475	1,549	379	Adequate	No
Springbrook	932	1,216	1,277	345	Adequate	No
Watkins Mill	997	1,251	1,314	317	Adequate	No
Wheaton	1,485	1,649	1,731	246	Adequate	No
Whitman	1,194	1,267	1,330	136	Adequate	No
Wootton	1,330	1,578	1,657	327	Adequate	No

High School Enrollment and MCPS Capacity @ 105%

Cluster Area	Projected August 2013 Enrollment	100% MCPS Program Capacity With CC Adopted FY09-14 CIP	105% MCPS Program Capacity With CC Adopted FY09-14 CIP	Capacity Remaining @ 105% MCPS capacity	Growth Policy 105% Test Result Capacity is:	School Facility Payment Required To Proceed?
B- CC	1,605	1,656	1,739	134	Adequate	No
Blair	2,304	2,885	3,029	725	Adequate	No
Blake	1,653	1,715	1,801	148	Adequate	No
Churchill	1,847	1,972	2,071	224	Adequate	No
Clarksburg	1,944	1,593	1,673	-271	Inadequate	Yes
Damascus	1,256	1,589	1,668	412	Adequate	No
Einstein	1,600	1,615	1,696	96	Adequate	No
Gaithersburg	1,856	2,067	2,170	314	Adequate	No
Walter Johnson	2,020	2,262	2,375	355	Adequate	No
Kennedy	1,483	1,829	1,920	437	Adequate	No
Magruder	1,709	1,958	2,056	347	Adequate	No
R. Montgomery	1,846	1,967	2,065	219	Adequate	No
Northwest	2,217	2,151	2,259	42	Adequate	No
Northwood	1,190	1,526	1,602	412	Adequate	No
Paint Branch	1,670	1,899	1,994	324	Adequate	No
Poolesville	1,106	1,107	1,162	56	Adequate	No
Quince Orchard	1,709	1,791	1,881	172	Adequate	No
Rockville	1,144	1,602	1,682	538	Adequate	No
Seneca Valley	1,327	1,452	1,525	198	Adequate	No
Sherwood	1,913	2,022	2,123	210	Adequate	No
Springbrook	1,681	2,086	2,190	509	Adequate	No
Watkins Mill	1,478	1,958	2,056	578	Adequate	No
Wheaton	1,294	1,389	1,458	164	Adequate	No
Whitman	1,820	1,891	1,986	166	Adequate	No
Wootton	2,256	2,059	2,162	-94	Inadequate	Yes



Summary of School Test for FY 2009
 Based on County Council Adopted FY 2009–2014 CIP
 May 27, 2008

School Test Level	Description	Cluster Outcomes by Level		
		Elementary Inadequate	Middle Inadequate	High Inadequate
<p><u>Clusters over 105% utilization</u></p> <p>School facility payment required in inadequate clusters to proceed.</p>	<p>5-year test Effective July 1, 2008</p> <p>Test year 2013-14</p> <p>Based on County Council Adopted FY 2009–2014 CIP</p>	<p>B-CC Kennedy Richard Montgomery Northwest Quince Orchard Rockville Wheaton Whitman</p>	<p>None</p>	<p>Wootton</p>
<p><u>Clusters over 120% utilization</u></p> <p>Moratorium required in clusters that are inadequate.</p>	<p>5-year test Effective July 1, 2008</p> <p>Test year 2013-14</p> <p>Based on County Council Adopted FY 2009–2014 CIP</p>	<p>None</p>	<p>Clarksburg</p>	<p>Clarksburg</p>

Note: The Clarksburg cluster exceeds 105% utilization at all 3 levels. However, since this cluster exceeds 120% at the middle and high school levels, the cluster is in moratorium.