MARYLAND

Department of the Environment

Water Resource Management Fee

Stakeholder Workgroup

September 10, 2012

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"The mission of the Water Supply Program is to ensure that public drinking water systems provide safe and adequate water to all current and future users in Maryland, and that appropriate usage, planning, and conservation policies are implemented for Maryland's water resources."

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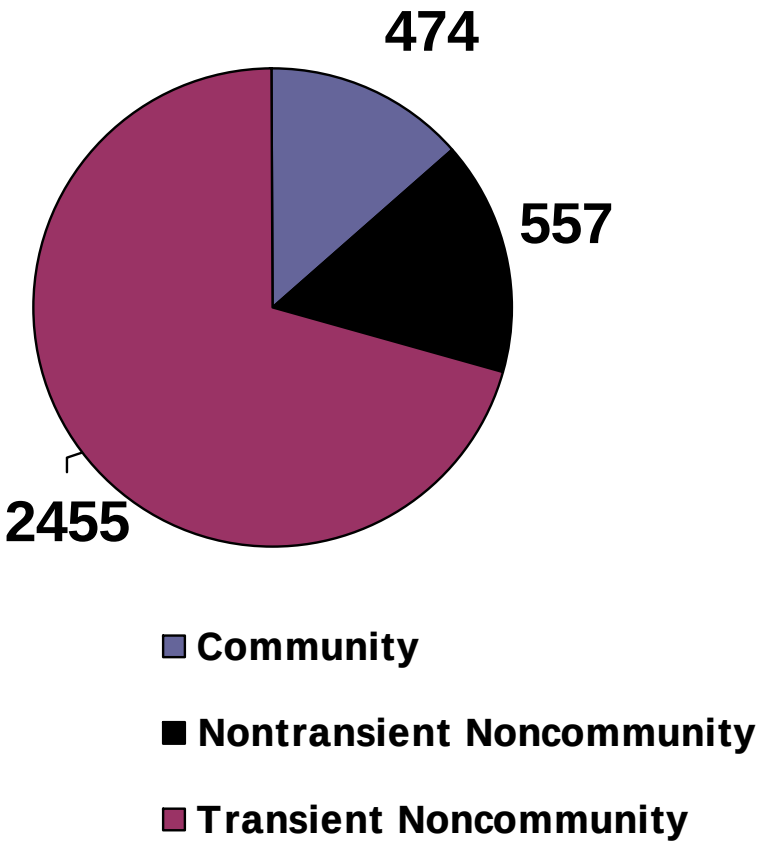
Public Water System (PWS)



Serves 25 or more individuals more than 60 days per year

13% of Marylanders use a residential well

Public supply, thermoelectric, domestic wells, irrigation and aquaculture water use in Maryland are expected to increase 16% by 2030.

	2000 Water Demand	Projected Water Demand Increase by 2030
Public Supply	**824**	**+ 58**
Thermoelectric	**379**	**+ 54**
Domestic Self-Supplied	**77**	**+ 17**
Industrial	**66**	*****
Irrigation	**42**	**+ 84**
Aquaculture	**20**	**+ 20**
Commercial	**21**	*****
Livestock	**10**	*****
Mining	**8**	*****
Total	**1,447 (mgd)**	**+ 233 (mgd)**

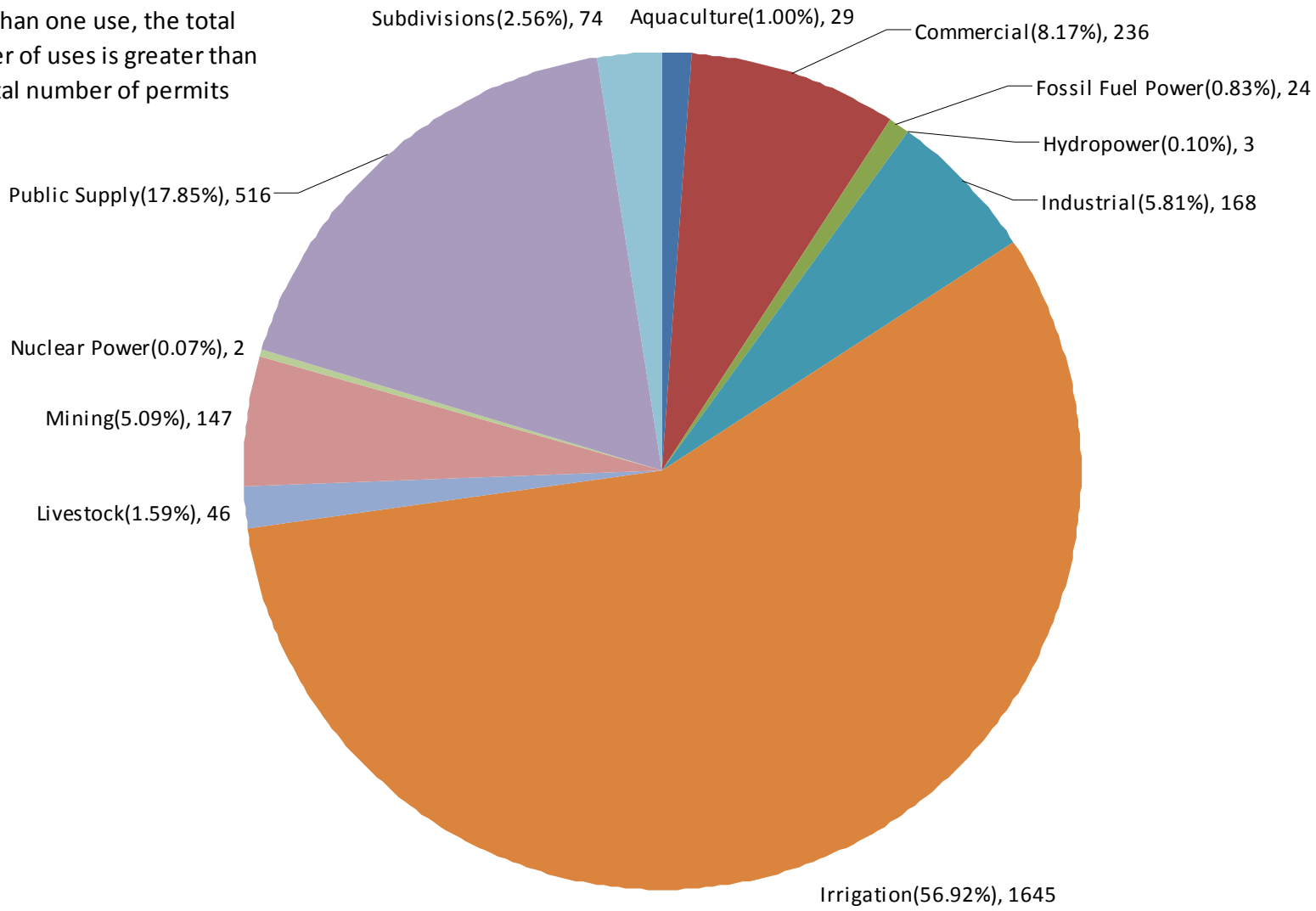
(* Not projected)

Water appropriation permits

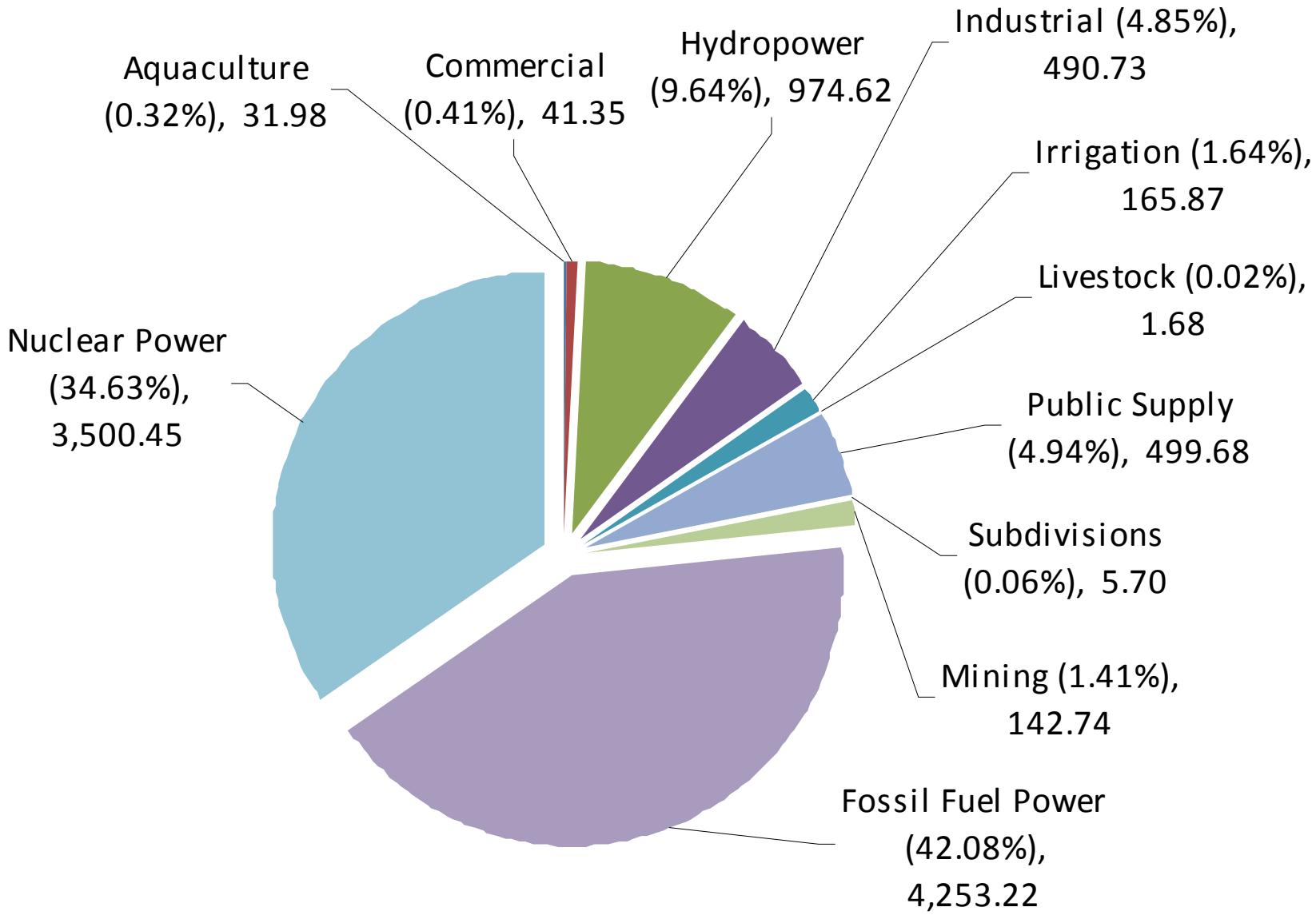
- About 10,481 active permits
- About 2,753 permits >10,000 gpd
- 134 applications in 2011 requiring public notification (new uses >10,000 gpd)
- 595 permits issued in 2011

Active Permits by Use Category with AGPD>=10,000 Gpd

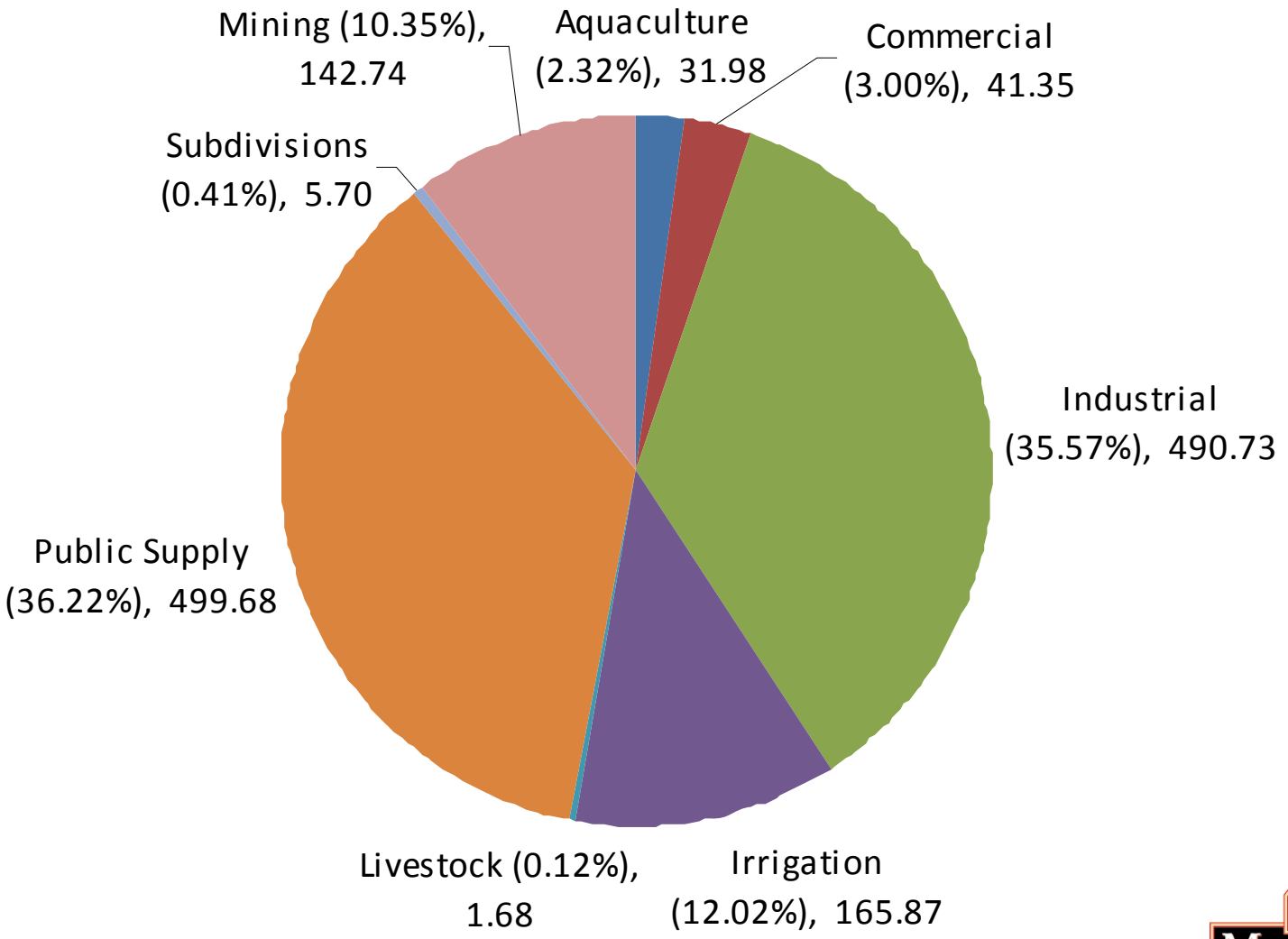
[1] Because some permits have more than one use, the total number of uses is greater than the total number of permits



Permitted AGPD in MGD



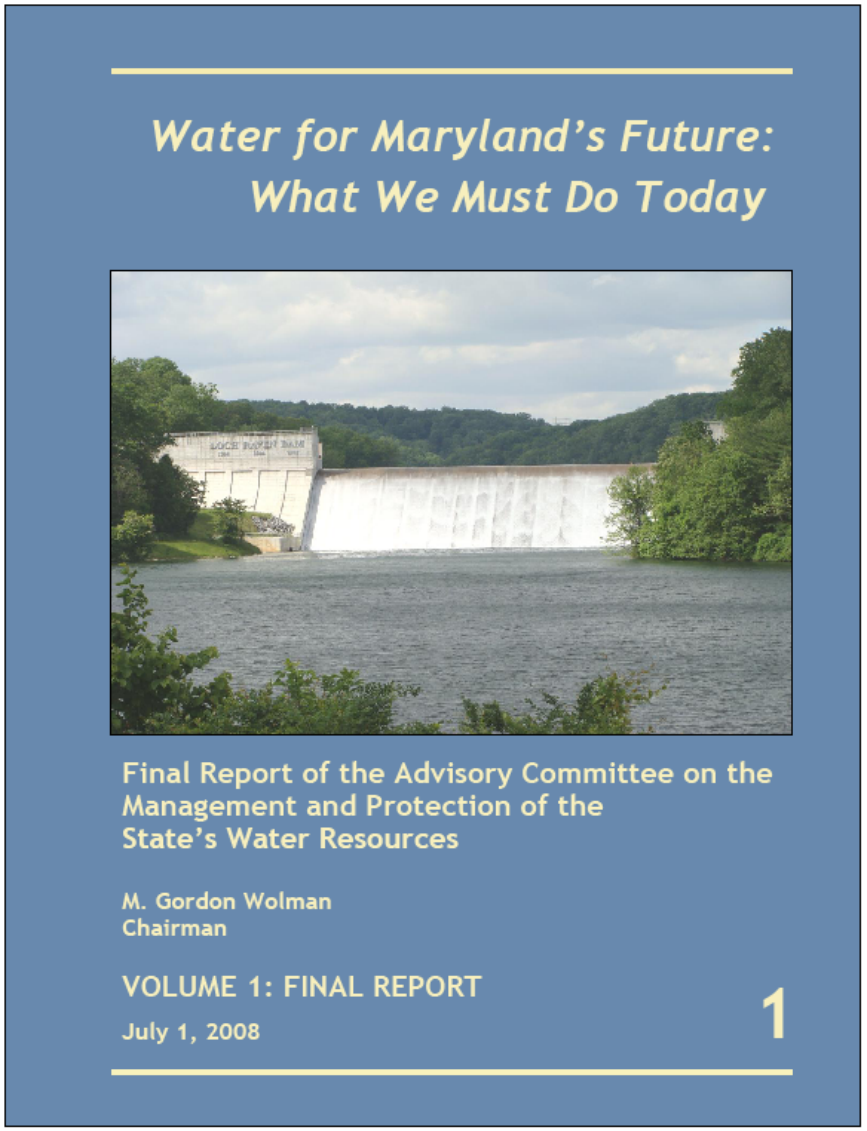
Permitted AGPD w/o Power Generation in MGD



Advisory Committees

- First Committee Report May 2004
- Second Committee Interim Report July 2006
- Second Committee Final Report July 2008

- Final Report of the Committee on the Management and Protection of the State's Water Resources
- July 2008



"…the Committee has completed its tasks, but the work will bear fruit only if there is increased and sustained support from elected officials, agency leaders, the regulated community, and the public to create the institutional structure and to provide the funding for a robust water resources program."

Water resource concerns

- Population growth
- Land use trends
- Increase in agricultural irrigation
- Threats to water quality
- Climate change
- Insufficient data
- Lack of planning

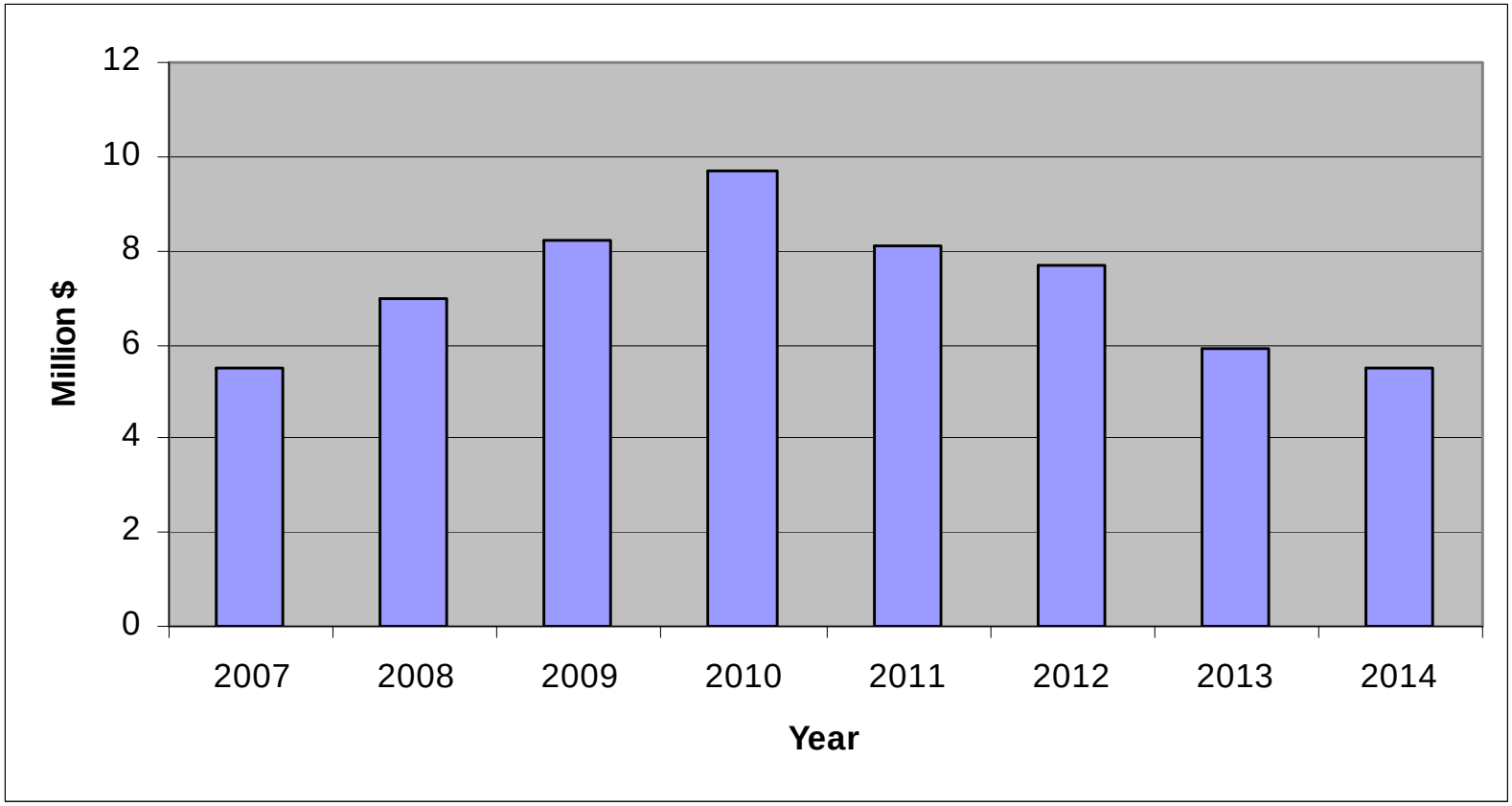
Wolman recommendations

- Maryland must develop a more robust water resources program based on sound, comprehensive data
- Staffing, programmatic, and information needs of water supply management program must be adequately and reliably funded
- Specific legislative, regulatory, and programmatic changes should be implemented

Obtain and analyze critical basic data

- Establish a broader and more reliable network of monitoring stations
- Fully fund two major hydrologic studies: Coastal Plain and Fractured Rock
- Improve analytical tools for assessing the impacts of proposed new water uses

Funding required to implement Committee's recommendations



Average $7.2 million per year

Why are these recommendations important?

- Population and water demand are increasing, placing pressure on Maryland's most precious resource
- Growth cannot occur without adequate, reliable water supplies
- Every economic sector needs water, and every sector will be impacted if we do not ensure a sustainable resource

What will we do with fees?

- Continue water supply studies
- Expand water quantity and water quality monitoring
- Support local planning efforts
- Enhance permitting program

How about neighboring states?

- Every state in our region has some form of permit fee
- In addition, the Susquehanna River Basin Commission and Delaware River Basin Commission both charge fees

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Regional Permit Fee Summary

State	*Fees*	*Type*	*Threshold/Minimum Permit Requirement*	*Exemptions/Notes*
Maryland	None			
New Jersey	Surface water $5975 – 17,765 Groundwater $7,490 – 21,790	Application Fee	>100,000 gpd	May also be subject to DRBC fees
Delaware	$375+	Water Allocation		May also be subject to DRBC fees
Virginia GW	$1,200 – 6,000	Groundwater / based on historic withdrawal	300,000 gallons/month, only in groundwater management areas	
Virginia SW	$12,000	Surface Water Withdrawal	300,000 gallons/month,	
	$10,000 – 35,000	Water protection fee (surface water)	>1,000,000/day	
Pennsylvania	$25	Application Fee (Initial and Renewal	Municipal surface water only	May also be subject to SRBC or DRBC fees
SRBC[1]	$2,360 – 35,735+	Application Fee	20,000 gallons for consumptive use	-"Agencies of the member jurisdictions to the compact" are exempt from fees -Agricultural uses exempt -Slightly lower fees for Municipalities
	$1,200 – 6,275+	Permit Renewal Fee		
	$1,000 - $10,000	Annual Compliance and Monitoring Fee		
	$0.30/1,000 gallons	Consumptive Use Fee		
DRBC	$80/mg used consumptive use $0.80/mg used nonconsumptive	Surface Water only	1,000 gallons nonconsumptive use per day/ 100,000 gallons per quarter	

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[1] Effective July 1, 2012

How should we assess fees?