

# *MDEStat Meeting*

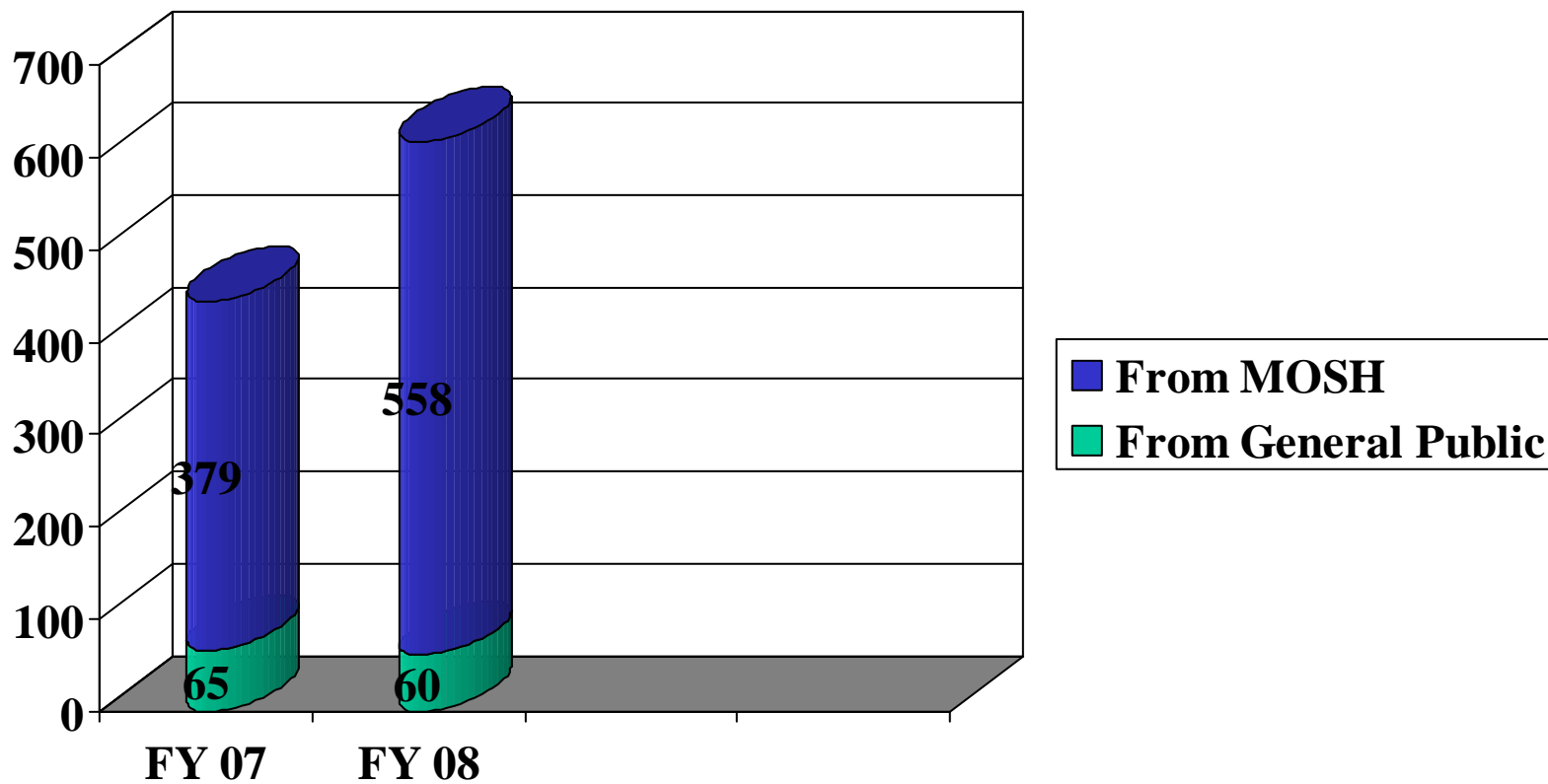
*August 18, 2008*



*Table 1: ERTK Requests Received by MDE FY07-  
FY08*

ERTK Requests	FY07	FY08
from general public	65	60
from MOSH	379	558

## *ERTK Requests Received by MDE FY07-FY08*



*Table 2: MDE MFR Data on TMDLs*

Performance Measures	FY 2006 Actual	FY 2007 Actual	FY 2008 Estimate (as of Sept. 07)	FY 2008 Actual
Percent of TMDLs and Water Quality Analyses <sup>a,b</sup> (WQAs) submitted in accordance with agreed-upon TMDL submittal schedule	115%	100%	100%	173% <sup>c</sup>
Number of TMDLs and WQAs submitted in accordance with agreed-upon TMDL submittal schedule <sup>a</sup>	53	39	30	52 <sup>c</sup>
Number of new or renewed NPDES permits issued that incorporate approved TMDL wasteload allocations (previous calendar year data)	4	4	25	3 <sup>d</sup>
Percent of total required TMDLs completed <sup>a</sup>	44%	49%	54%	56%

a Calculation changed from calendar year to federal fiscal year i.e. FY 2007 is based on federal fiscal year 2007, etc. The MOU with EPA calls for a production schedule on a federal fiscal year (FFY) basis running from Oct.1 through Sept. 30 each year.

b A Water Quality Analysis determines if water quality standards are currently being met. If they are, the waterbody may be removed from the impaired waters list and a TMDL is unnecessary. If water quality standards are not met, TMDL development proceeds unless a remedy has been identified for immediate implementation.

c A number of impaired waters were delisted in the 2008 303d listing cycle that are attributed to the TMDL accounting framework.

d Six additional permits were either issued in July or have been sent for signature, but have not been officially mailed.

*Table 3: Summary of Integrated [305(b) and 303(d)] Report Data*

	2006	2008
Number of impoundments, watersheds, and estuarine segments in the Integrated reports using the 2008 waterbody segmentation scheme	233	234
Number of waterbody-pollutant combinations (i.e. Jones Falls – bacteria) listed, all categories	1351	984
Number of impoundments, watersheds, and estuarine segments in Category 1 – water body meeting all water quality standards	0	0
Number of waterbody-nonpollutant listings in Category 2 - meeting standards for this particular pollutant but not all pollutants	128	216
Number of waterbody-potential-pollutant listings in Category 3 - there is insufficient data to determine whether standards are being met for this pollutant	394	176
Number of waterbody-pollutant listings in Category 4 - water quality standards are not being met but a TMDL is not needed, either because it has already been completed, other more immediate fixes are available, or the impairment is not load-related	160	199
Number of waterbody-pollutant listings in Category 5 - water body is impaired and a TMDL is needed	669	393

\*The total number of listings was less in 2008 (984) than in 2006 (1351) because the state adopted new assessment unit scales for both non-tidal biological listings and for Chesapeake Bay segment listings that aggregated some of the previously-separate assessment units. However, even though the number of waterbody-pollutant combination listings is less in 2008, Maryland actually assessed more waters overall.

*Table 4: Progress on Maryland TMDLs:  
Data From 2008 Integrated Report (Category 4 and 5)*

	Total	With TMDLs completed	With TMDLs pending*
Number of waterbody-pollutant listings that are impaired (Category 4 or 5)	592**	192	393
Number of waterbody-pollutant listings with nutrients as the pollutant	213	64	149
Number of waterbody-pollutant listings with nitrogen as the pollutant	87	27	60
Number of waterbody-pollutant listings with phosphorus as the pollutant	126	37	89
Number of waterbody-pollutant listings with BOD as the pollutant	13	13	0
Number of waterbody-pollutant listings with total suspended solids/sediments as the pollutant	76	17	59
Number of waterbody-pollutant listings with metals as the pollutant	34***	8	23
Number of waterbody-pollutant listings with toxics as the pollutant	53****	7	46
Number of waterbody-pollutant listings with pH as the pollutant	17***	14	2
Number of waterbody-pollutant listings with debris/trash/floatables as the pollutant	3	0	3
Number of waterbody-pollutant listings with bacteria as the pollutant	103	69	34
Number of waterbody-pollutant listings showing an impaired biological community (tidal and non-tidal)	80	0	80
Total number of potential TMDLs needed	393	NA	NA

*Table 4: Progress on Maryland TMDLs:  
Data From 2008 Integrated Report (Category 4 and 5)*

- \*There may be TMDLs completed, submitted and awaiting EPA approval in this category.
- \*\*Not all of these require a TMDL, 7 of these listings are in Category 4b, a technological fix should cause these waters to meet standards for the specified pollutants.
- \*\*\*TMDL not needed for one, 4b listing technological fix should cause waterbody to meet standards.
- \*\*\*\*TMDL not needed for three of these impairments, they are 4b listings

*Table 5: 319 Program Competitive Grants*

	FFY05	FFY06	FFY07	FFY08 Est.
nitrogen reduction (pounds/year)	122,000	113,688	197,102	25,500
nitrogen reduction cost (dollars/pound/year)	\$11	\$7.26	\$10.14	\$57
phosphorus reduction (pounds/year) *	1,000	3,867	16,386	950
sediment reduction (tons/year)	39,000	984	5,401	42,900
sediment reduction cost (dollars/ton/year)	\$35	\$914.85	\$370	\$34
number of projects funded	20	16	16	19
number of projects funded that are now completed	18	7	11	NA

\* The cost per unit of phosphorus reduced is reflected in the sediment reduction efficiency measure because phosphorus is tightly bound to sediment



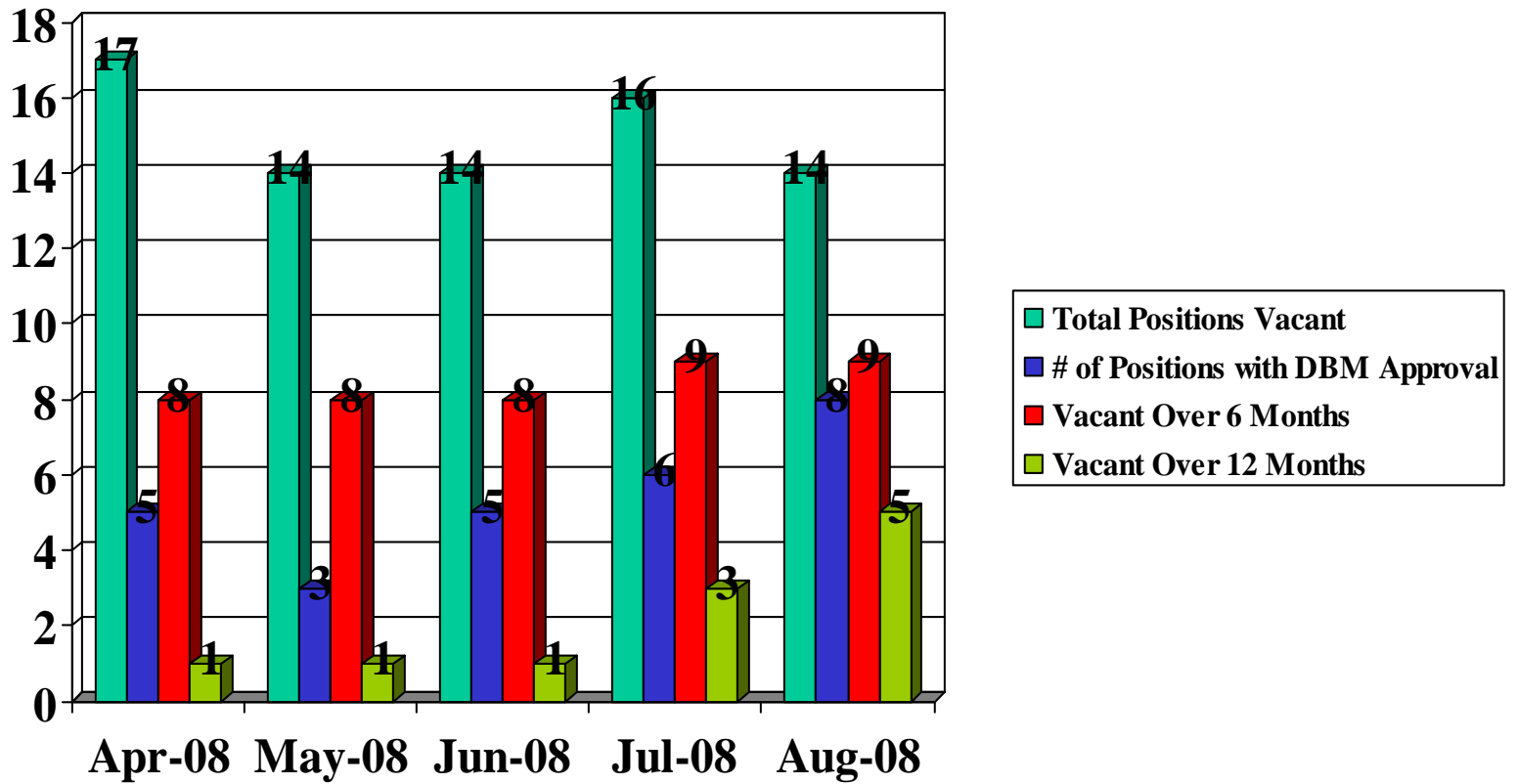
## *Table 5 Notes*

- Reductions for pollutants are reported for project completed within a specific Federal Fiscal Year. For example, FFY07 reductions are for project completed 10/1/2006 through 9/30/2007, which were funded by four grant years (FFY03, FFY04, FFY05 and FFY06).
- Reductions for pollutants include a cover crop demonstration project, which tends to significantly increase reported load reductions.
- Projects funded/completed data is current as of 7/31/08. These numbers change during the life of the grant due to reprogramming and/or cancellation.
- Projects “completed” means that project work has ended. However, deliverables and/or the final invoice may be outstanding.

*Table 6: SSA Vacancy Summary as of 8/14/08*

	4/1/08	5/2/08	6/6/08	7/11/08	8/14/08
Total positions vacant	17	14	14	16	14
Number of positions with DBM approval	5	3	5	6	8
Positions vacant over 6 months	8	8	8	9	9
Positions vacant over 12 months	1	1	1	3	5

# SSA Vacancy Summary



# ATTACHMENT A: SSA VACANCIES as of 8/14/08

PIN	Program/Division	Vacancy Date	Classification/Grade/	Exceptions to OB	Excep. To DBM	Excep. Apprvd by DBM	MS 22 to OHR	MS 22 Apprvd by OHR	Interv. Quests to OHR	Interview Questions Recvd & Approved by OFP	Announcement Posted/Closed	Notes
C5021	WQ Prot. & Rest./TMDL Implem. Div	6/6/07	Env. Specialist I/12	10/10/07	6/9/08		3/28/08	4/17/08	3/28/08	R 4/21/08 A 4/23/08		10, 12, 14
081059	TMDL Tech. Dev./Tech Review	6/19/07	NR Planner IV/17 changed to: NR Planner II/14	10/10/07	5/28/08	6/26/08	9/19/07	10/2/07	10/5/07	R 10/5/07 A10/9/07	P 3/18/08 C O/C	4, 10, 12, 14 applicant response deadline 8/20
018282	Water Quality Prot. & Rest/TMDL	7/1/07	Env. Program Mgr. I/19	8/13/07	6/9/08		09/18/07	10/5/07	10/26/07	R 10/29/07 A 10/31/07		10, 12, 14
078547	Env'l Assessment & Standard/Data Mgmt. Div.	7/4/07	DP Programmer Analyst/18	8/13/07 Resub 6/2/08	6/6/08		2/8/08	5/30/08	2/8/08	R 5/23/08 A 5/28/08		10, 12, 14, 15
060439	TMDL Tech. Dev./Nutrient Bacteria	10/31/07	NR Planner IV/17	1/31/08 6/24/08	DNR	7/24/08	2/21/08 Resub EDC 8/15/08	5/16/08 EDC 8/29/08 EDC 9/29/08	2/21/08 Resub 6/30/08 EDC 08/15/08			10, 12, 14, 15 interviews held 5/23/08
C7017	Field Services Prgm./Shellfish	12/19/07	NR Planner I/12	12/19/07	4/17/08	5/5/08	2/27/08	3/7/08	2/27/08	R 3/10/08 A 3/14/08	P 5/21/08 C 6/13/08	8, 7, 19, 12, 14 start date 9/3/08
C5016	TMDL Tech. Dev./Nutrient Bacteria	1/30/08	PH Engineer I/13	8/12/08			EDC 7/14/08 EDC 8/5/08	EDC 9/15/08 EDC 9/29/08	EDC 7/14/08 EDC 8/15/08			1, 12
078546	TMDL Tech Div/Sediment & Toxics	1/31/07	PHE IV/18 Changed to WRE III/18	1/23/07	DNR	5/9/07	6/6/08	6/10/08	6/6/08	R 6/19/08 A 6/23/08	P 07/30/08 C O/C	4, 3, 6, 9, 7, 11, 12, 14 re-advertised at different level since applicant declined
048656	Operation Services/Contracts	2/13/08	PHE IV/18 changed to: Agency Buyer Spec./12	3/3/08	4/7/08	4/28/08	3/28/08	4/17/08	4/15/08	R 4/21/08 A 4/23/08		6, 10, 12, 14 applicant response deadline 7/17/08
075383	Field Svcs Prog/TMDL Imp. Div.	2/29/08	NR Planner I/12	2/15/08	6/6/08	6/26/08	3/11/08	3/19/08	3/11/08	R 3/19/08 A 3/24/08	P 3/18/08 C O/C	4, 10 applicant response deadline 8/20/08
075399	WQ Prot. & Rest./TMDL Imp. Div.	3/3/08	NR Planner V/18	2/29/08	5/28/08		3/11/08	3/19/08	3/28/08	R 3/28/08 A 4/7/08		10
014490	Env'l Assessment & Standard/Dred.	3/6/08	NR Planner I/12	2/15/08	5/28/08		3/28/08	4/17/08	4/15/08	R 4/21/08 A 4/23/08	P 3/18/08 C O/C	10, 12, 14
018247	Env'l Assessment & Standard/Analys & Strat.	5/1/08	Computer Info. Service/15	7/7/08	7/16/08	7/24/08	8/12/08	EDC 9/30/08	8/12/08			10, 12, 14

# *ATTACHMENT A: SSA VACANCIES as of 8/14/08*

PIN	Program/ Division	Vacancy Date	Classification/ Grade/	Except- ions to OB	Excep. To DBM	Excep. Apprvd by DBM	MS 22 to OHR	MS 22 Apprvd by OHR	Interv. Quests to OHR	Interview Questions Recvd & Approved by OFP	Announ- cement Posted/ Closed	Notes
014483	Field Svcs Prog/ Compliance	5/21/08	Env. Specialist I/12 Changed to NRP 1/12	7/15/08	DNR	08/01/08	08/12/08	EDC 9/30/08	8/12/08			20

# Key Codes

## Key

Yellow highlighting: date seems late or item seems overdue.

EDC: Estimated Date of Completion   DNR: Did not Record   P: Posted   C: Closed  
R: Received   A: Approved

Codes: 1-Budget/funding holds, 2-Admin. has not responded to Notice of Vacancy letter sent by HRC within 10 working days, 3-Testing or developing test for position specific requirements, 4-Testing or developing test to produce new eligibility list, 5-Position was advertised, but received no qualified applicants, 6-Insufficient applicant continue recruitment, 7-Selection made, 8-Appointment pending, 9-Applicant declined position, 10-Office of Budget did not submit hiring exception to DBM within 15 days of receipt, 11-DBM did not approve hiring exception within 30 days of receipt, 12-Admin. did not submit MS-22 within 30 days of vacancy, 13-Admin. did not submit hiring exception within 30 days of vacancy, 14-Admin did not submit interview questions within 30 days of vacancy, 15-OHR did not approve MS-22 within 45 days of receipt, 16-OFP did not approve interview questions within 10 days of receipt, 17-Hold pending organizational decisions, 18-key codes don't apply, 19-In process of interviewing, 20-Position Review Form