

**Annual Review of the Norfolk
District Corps' State Program
General Permit (07-SPGP-01)
Effective June 1, 2007
Reporting Period: July 1, 2008 –
June 30, 2009**

August 2009

Executive Summary

The objective of a State Program General Permit (SPGP) is to eliminate duplicative federal and state permitting activities where authorization to impact surface waters will have minimal environmental impacts. Based on reported information, the 07-SPGP-01 meets or exceeds state and federal goals of no net loss of aquatic functions and values. The public is invited to comment on this annual report for a 30-day period, as detailed in the public notice issued by DEQ. Previous annual reports for the SPGP-01 may be viewed on the Norfolk District Corps of Engineers' (Corps) web page at [http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/SPGP/SPGP annual reports.asp](http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/SPGP/SPGP%20annual%20reports.asp).

Introduction

On November 1, 2002, the first State Program General Permit (SPGP-01) was granted to the Commonwealth of Virginia by the Norfolk District Corps of Engineers (Corps) for the discharge of dredged and/or fill material in nontidal wetlands and waters associated with residential, commercial, and institutional developments and linear transportation projects within the Commonwealth. At that time, the Norfolk District also suspended Corps Nationwide Permits 14 and 39 in Virginia, where they applied to nontidal waters.

Corps general permits are authorizations issued on a nationwide or regional basis by the Army Corps of Engineers for categories of activities that have minimal environmental impacts. Programmatic general permits may be issued in situations where a state, regional, or local authority has a regulatory program in place that provides a similar level of review as the Corps. In such cases (as with 07-SPGP-01), the programmatic general permit avoids unnecessary duplication of effort by providing blanket Corps authorization for certain activities provided they obtain the necessary state, regional, or local authorizations. In Virginia, the SPGP program is appropriate because Virginia has its own state program with authorities similar to the federal program.

The Corps revised and expanded the State Program General Permit (07-SPGP-01), effective June 1, 2007. The Corps' 07-SPGP-01 authorizes the discharge of dredged or fill material impacting up to one acre of nontidal wetlands and 2,000 linear feet of nontidal waters of the United States associated with certain residential, commercial, and institutional developments and up to 1/3 acre nontidal waters of the United States for linear transportation projects within the geographical limits of the Commonwealth of Virginia under the regulatory jurisdiction of the Norfolk District Corps.

The 07-SPGP-01 requires compensatory mitigation to offset losses of aquatic functions and values. On April 10, 2008, the Federal Mitigation Rule (Rule) was issued by the Environmental Protection Agency (EPA) and U.S. Army Corps of Engineers (USACE) giving preference first to mitigation banks, second to in-lieu funds, and third to permittee-responsible mitigation as compensatory mitigation for minor impacts to aquatic resources. As a result of the Rule, DEQ staff was directed under Guidance Memorandum 09-2004, to recognize the preference hierarchy presented in the Rule.

To determine the effectiveness of the 07-SPGP-01 and to evaluate the extent of its cumulative impacts, DEQ committed to continuing the process of conducting an annual review, which was first initiated by the Corps. Generally, the resulting annual reports are for the period of July 1 through June 30 of every year. The public is invited to comment on this annual report for a 30-day period, as detailed in the public notice issued by DEQ. Previous annual reports for the SPGP-01 may be viewed on the Corps' web page at http://www.nao.usace.army.mil/technical%20services/Regulatory%20branch/SPGP/SPGP_annual_reports.asp. The previous annual report for 07-SPGP-01 may be viewed on the DEQ web page at <http://www.deq.virginia.gov/wetlands/permitfees.html>.

The annual report provides data on the type, number, and acreage of wetlands and linear footage of stream impacts requested and authorized, the mitigation required, and the geographic distribution of the authorized impacts. Specific data items are provided in the Appendix.

DEQ is also providing the average number of calendar days between initial receipt of application and receipt of complete applicationⁱ, the approximate number of residential, commercial, or institutional activities; and the approximate number of linear transportation activities.

Compensation purchased through mitigation banks is often expressed in functional units such as credits or stream conditions units (SCUs). This annual report provides compensatory mitigation data in terms of the units used in the permit, and makes generalizations by representing all methods of compensation in functional units.

Results and Analysis

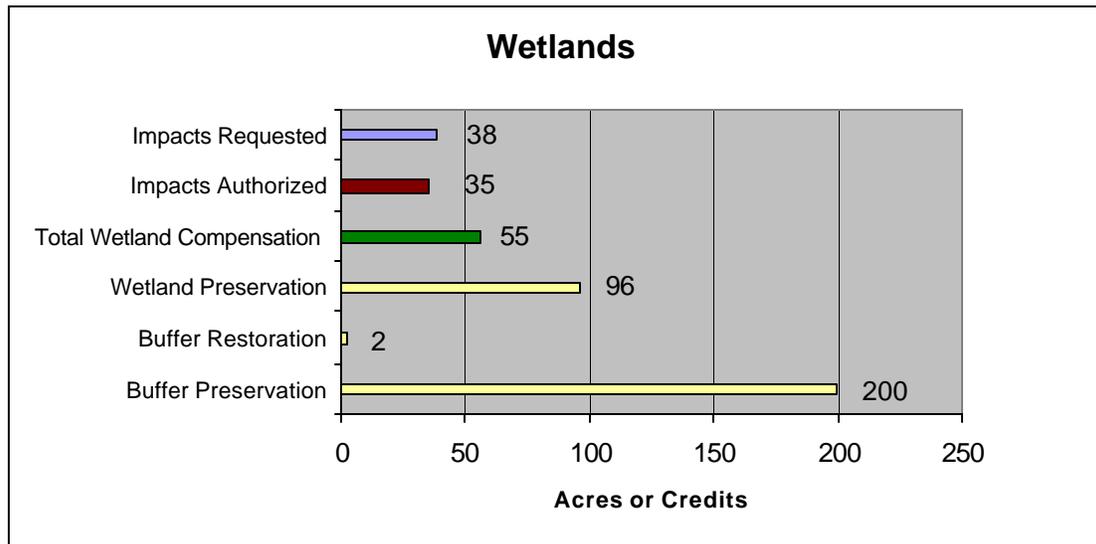
Table 1 (See Appendix) presents a summary of 07-SPGP-01 related permitting activities. A total of 220 projects were permitted by DEQ under the authorization of the 07-SPGP-01 from July 1, 2008 through June 30, 2009. SPGP permits are issued by DEQ in conjunction with a VWP General Permit or a VWP Individual Permit. The average time to process a general permit application once it was complete (218 applications) was 25 days, and the time to process a complete individual permit application (2 applications) was 182 days.

Of the 220 projects permitted, approximately 169 were projects related to residential, commercial, or institutional activities, while approximately 51 were projects related to linear transportation activities.

Figure 1 illustrates wetland impacts requested, authorized, and compensated under 07-SPGP-01 from July 1, 2008 through June 30, 2009.

ⁱ Requirements for a complete application are given in the Virginia Water Protection Permit Program Regulation (see 9 VAC 22-210-80 Application for a VWP permit).

Figure 1. Wetland impacts requested, authorized, and compensated under 07-SPGP-01.



Total acres of wetland impacts requested by applicants were approximately 38 acres and total impacts authorized were approximately 35 acres. Of the 35 acres impacted, there were 4 acres of smaller impacts not requiring compensation, and 31 acres of impacts requiring compensation under current statutes and regulations. Approximately 55 acres were compensated using the following mechanisms (rounded to whole numbers):

- 2 acres of wetland creation or restoration performed by permittees,
- 11 acres of wetland purchased at mitigation banks,
- 3 acres of wetland compensation through the Virginia Aquatic Resource Trust Fund (VARTF),
- 40 mitigation bank creditsⁱⁱ.

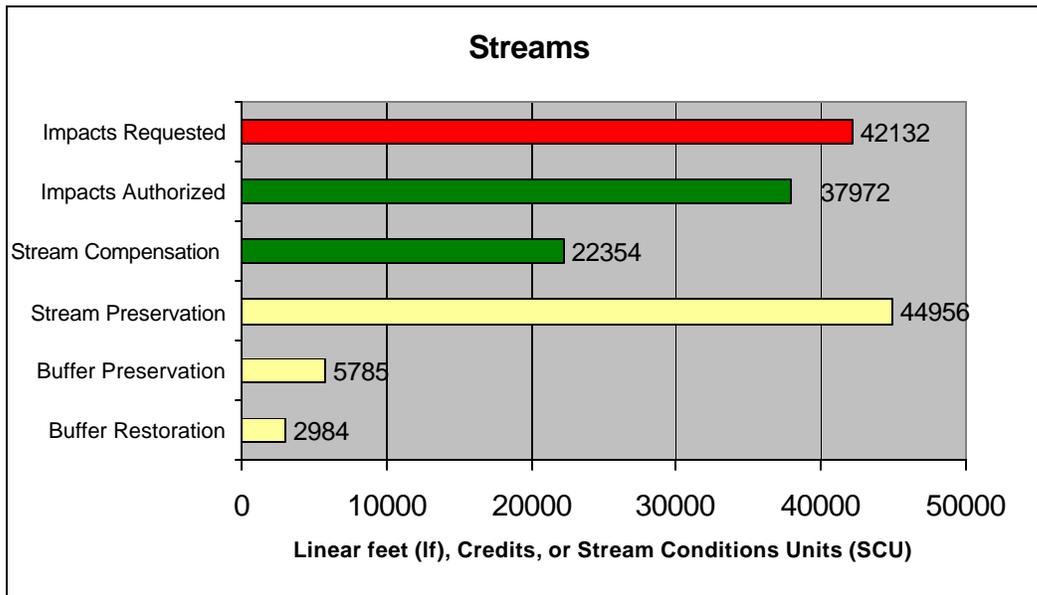
Additional mitigation for impacts included the following (rounded to whole numbers):

- 96 acres of wetland preservation,
- 200 acres of riparian and upland buffer preservation,
- 2 acres of riparian and upland buffer creation or restoration.

Figure 2 illustrates stream impacts requested, authorized, and compensated under 07-SPGP-01 from July 1, 2008 through June 30, 2009.

ⁱⁱ While one credit or unit does not always equal one acre of wetland or one linear foot of stream, the goal is for one credit or unit to assimilate the functional value provided by one acre or linear foot.

Figure 2. Streams impacts requested, authorized, and compensated under 07-SPGP-01.



Total linear feet of stream impact requested by applicants were approximately 42,132 linear feet and stream impacts authorized were approximately 37,972 linear feet. Approximately 22,354 unitsⁱⁱⁱ of stream were compensated using the following mechanisms (rounded to whole numbers):

- 5,850 linear feet of stream restoration or enhancement performed by permittees,
- 580 linear feet of stream compensation purchased through contributions to the VARTF,
- 15,924 units of stream compensation performed by mitigation banks, consisting of
 - 590 linear feet,
 - 9,087 bank credits,
 - 6,247 Stream Condition Units (SCU).

Additional mitigation for impacts included the following (rounded to whole numbers):

- 44,956 linear feet of stream preservation,
- 5,785 linear feet of riparian and upland buffer preservation; and
- 2,984 linear feet of riparian and upland buffer enhancement or restoration.

Table 2 (See Appendix) presents the above-described data in the following categories: creation/restoration, VARTF contributions, mitigation banks, and preservation.

Table 3 (See Appendix) presents 07-SPGP-01 issuances for the reporting period of July 1, 2008 through June 30, 2009. The data is organized by drainage area as defined by the 8-digit U.S. Geological Survey (USGS) hydrologic unit code (HUC) to detail the number of permits and impacts for each HUC.

ⁱⁱⁱ While one credit or unit does not always equal one acre of wetland or one linear foot of stream, the goal is for one credit or unit to assimilate the functional value provided by one acre or linear foot.

Table 4 (See Appendix) presents compensation for 07-SPGP-01 issuances for the reporting period of July 1, 2008 through June 30, 2009.

Conclusions

The data summarized above demonstrate that the 07-SPGP-01 meets or exceeds the federally recommended goal, and the Commonwealth's statutory goal, of no net loss of no net loss of aquatic functions and values. DEQ required 11 acres of mitigation, including nearly 2 acres of compensation, for every acre of wetland impact requiring compensation. Nearly 10 acres of wetlands and buffers were preserved and nearly one tenth of an acre of buffer was restored for every one acre of wetland impact authorized and requiring compensation. DEQ required approximately 2 functional units of mitigation, including .0897 units of compensation, for every one linear foot of impact requiring compensation^{iv}. Approximately two units of stream or buffer were preserved and approximately one tenth of a unit of buffer was restored for every unit of stream impact authorized and requiring compensation^v.

Authorized impacts were 7% less for wetlands and 10% less for streams when compared to impacts requested by applicants during the previous reporting cycle. The difference between impacts requested by the applicant and impacts authorized by DEQ does not reflect all of the avoidance and minimization recommendations, as DEQ and the Corps work with SPGP applicants to avoid and minimize surface water impacts through a pre-application process. DEQ and the Corps have also provided guidance to the public on ways to demonstrate avoidance and minimization efforts on projects.

Table 5 (See Appendix) presents summary data for June 1, 2007 to June 30, 2008 and July 1, 2008 to June 30, 2009 07-SPGP-01 permitting. Compared to the previous review of the 07-SPGP-01, there were approximately half as many permits issued (220 in 2008-09 and 403 in 2007-08). As compared to the previous review, during 2008-09 there were less wetland impacts requested and authorized and less wetland compensation received. Wetland and buffer preservation was greater in this year's review. The 2008-09 review reported less stream impacts requested and authorized, and less stream and buffer preservation, but more stream compensation received than last year.

^{iv} While one credit or unit does not always equal one acre of wetland or one linear foot of stream, the goal is for one credit or unit to assimilate the functional value provided by one acre or linear foot.

^v Stream Condition Units (SCU) are units used at the Northern Virginia Stream Restoration Bank operated by Wetland Studies & Solutions, Inc (WSSI). .

Appendix

**Annual Review of the Norfolk District Corps'
State Program General Permit (07-SPGP-01)**

Effective June 1, 2007

Reporting Period: July 1, 2008 – June 30, 2009

August 2009

Table 1. 07-SPGP-01 Permitting activities for the period July 1, 2008 through June 30, 2009.

	SPGP issued in conjunction with VWP General Permit	SPGP issued in conjunction with VWP Individual Permit	Total
Number of permits authorized	218	2	220
Approximate number of residential, commercial, or institutional activities	167	2	169
Approximate number of linear transportation activities	51	0	51
Approximate number of <i>Reporting Only</i> permits (<i>impacting less than 1/10 acre of wetlands and 300 linear feet of stream</i>)	126	0	126
Approximate number of permits requiring compensation	92	2	94
Average number of calendar days between initial receipt of application and permit issuance	106	421	
Average number of calendar days between receipt of complete application and permit issuance	25	182	
Average number of calendar days between receipt of initial application and determination that application was complete	64	240	

Table 2. Wetland and stream impacts authorized and mitigated under 07-SPGP-01 for the period July 1, 2008 through June 30, 2009

	SPGP issued via VWP General Permit	SPGP issued via VWP Individual Permit	Total
Total acres of wetland impacts requested	36.359	1.225	37.584
Total acres of wetland impacts authorized	29.793	1.225	31.018
<i>Additional wetland impacts authorized for Reporting Only permits</i>	<i>4.029</i>	<i>N/A</i>	<i>4.029</i>
Total wetland compensation required (acres or credits)⁽¹⁾	54.291	1.120	55.411
Wetland creation/restoration performed by the permittee (acres)	0.706	1.120	1.826
Wetland mitigation performed at mitigation banks (acres)	10.692	0.000	10.692
Wetland mitigation performed at mitigation banks (credits)	39.903	0.000	39.903
Wetland mitigation performed through contributions to the VA Aquatic Resources Trust Fund (VARTF) (linear feet)	2.990	0.000	2.990
<i>For the Contribution amount of</i>	<i>\$203,977.00</i>	<i>\$0.00</i>	<i>\$203,977.00</i>
Wetland preservation performed by the permittee (acres)	55.990	40.365	96.355
Total additional riparian and upland buffer preservation, creation and restoration required for wetland mitigation (acres)	172.192	29.700	201.892
Riparian and upland buffer creation/restoration performed by the permittee (acres)	2.300	0.000	2.300
Riparian and upland buffer preservation performed by the permittee (acres)	169.892	29.700	199.592
Total Linear feet of stream impacts requested	39278	2854	42132
Total Linear feet of stream impacts authorized	22056	2854	24910
<i>Additional stream impacts authorized for Reporting Only permits</i>	<i>13062</i>	<i>N/A</i>	<i>13062</i>
Total stream compensation required (linear feet, credits or units)⁽¹⁾	20102.350	2252.000	22354.350
Stream enhancement/restoration performed by the permittee (linear feet)	3598.000	2252.000	5850.000
Stream mitigation performed at mitigation banks (linear feet)	590.000		590.000
Stream mitigation performed through contributions to the VA Aquatic Resources Trust Fund (VARTF) (linear feet)	580.000		580.000
<i>For the Contribution amount of</i>	<i>\$520,335.60</i>	<i>\$0.00</i>	<i>\$520,335.60</i>
Stream mitigation performed at mitigation banks (credits)	9087.350	0.000	9,087.350
Stream Condition Units (SCU) of stream mitigation performed at mitigation banks ⁽²⁾	6247.000	0.000	6,247.000
Stream preservation performed by the permittee (linear feet)	29056.000	15900.000	44956.000
Total additional riparian and upland buffer compensation required for stream mitigation (linear feet)	8769.000		8,769.000
Riparian and upland buffer preservation performed by the permittee (linear feet)	5785.000		5,785.000
Riparian and upland buffer enhancement/restoration performed by the permittee (linear feet)	2984.000		2,984.000

⁽¹⁾While one credit or unit does not always equal one acre of wetland or one linear foot of stream, the goal is for one credit or unit to assimilate the functional value provided by one acre or linear foot.

⁽²⁾Stream Condition Units (SCU) are the units used at the Northern Virginia Stream Restoration Bank operated by Wetland Studies &

Table 3. 07-SPGP-01 Actions via VWP General Permit Authorizations, Organized by 8-Digit Hydrologic Unit Code (HUC)

HUC 8	Permit No	Action	Total Wetland Acres Requested	Total Wetland Acres Authorized	Total Linear Feet Requested	Total Linear Feet Authorized	Spgp Type	Effective Date of Permit or Change	DEQ Regional Office
2060010	WP4-08-1412	Issuance	0.060	0.060			07-SPGP-01	10/08/2008	Tidewater
HUC Total	1		0.060	0.060	.000				
02070004	WP3-08-4134	Issuance	0.003	0.003	16	16	07-SPGP-01	10/03/2008	Central
02070004	WP4-08-1607	Issuance	0.380	0.380	247	247	07-SPGP-01	11/13/2008	Valley
HUC Total	2		0.383	0.383	263	263			
02070005	WP3-08-4135	Issuance	0.000		50	50	07-SPGP-01	10/03/2008	Central
02070005	WP3-08-4172	Issuance	0.000		70	70	07-SPGP-01	12/05/2008	Central
02070005	WP3-09-4009	Issuance	0.114	0.114	82	82	07-SPGP-01	04/09/2009	Central
02070005	WP3-09-4029	Issuance	0.000		100	100	07-SPGP-01	03/23/2009	Central
02070005	WP3-09-4030	Issuance	0.000	0.000	0	0	07-SPGP-01	03/23/2009	Central
02070005	WP3-09-4062	Issuance	0.000		150	150	07-SPGP-01	06/19/2009	Central
02070005	WP3-09-4063	Issuance	0.000		76	76	07-SPGP-01	06/19/2009	Central
02070005	WP3-09-4079	Issuance	0.000		40	40	07-SPGP-01	06/22/2009	Central
HUC Total	8		0.114	0.114	568	568			
02070006	WP3-08-4035	Issuance	0.000	0.000	50	50	07-SPGP-01	07/22/2008	Central
HUC Total	1		0.000	0.000	50	50			
02070007	WP4-08-1148	Issuance	0.170	0.170			07-SPGP-01	06/02/2009	Valley
HUC Total	1		0.170	0.170	0	0			
02070008	WP3-08-1170	Issuance	0.000		60	60	07-SPGP-01	08/14/2008	Central
02070008	WP3-08-4136	Issuance	0.000		210	210	07-SPGP-01	10/03/2008	Central
02070008	WP4-08-1359	Issuance	0.000		160	160	07-SPGP-01	10/08/2008	Northern
02070008	WP4-08-1527	Issuance	0.102	0.102	419	419	07-SPGP-01	11/10/2008	Northern
02070008	WP4-08-1545	Issuance	0.240	0.240			07-SPGP-01	12/18/2008	Northern
02070008	WP4-08-1667	Issuance	0.040	0.040	100	100	07-SPGP-01	10/08/2008	Northern
02070008	WP4-08-2160	Issuance	0.062	0.062	296	296	07-SPGP-01	01/12/2009	Northern
02070008	WP4-09-0206	Issuance	0.000		145	145	07-SPGP-01	03/26/2009	Northern
HUC Total	8		0.444	0.444	1390	1390			
02070010	WP3-08-1170	Issuance	0.000		120	120	07-SPGP-01	08/14/2008	Central
02070010	WP3-08-4117	Issuance	0.000		75	75	07-SPGP-01	09/04/2008	Central
02070010	WP3-09-0370	Issuance	0.000		390	390	07-SPGP-01	05/06/2009	Northern
02070010	WP3-09-0579	Issuance	0.002	0.002	452	452	07-SPGP-01	06/12/2009	Northern
02070010	WP3-09-0636	Issuance	0.090	0.090	234	234	07-SPGP-01	06/10/2009	Northern
02070010	WP3-09-4018	Issuance	0.261	0.261	191	191	07-SPGP-01	04/15/2009	Central
02070010	WP4-06-0683	Issuance	0.420	0.420	1649	1649	07-SPGP-01	12/15/2008	Northern
02070010	WP4-07-0287	Issuance	0.120	0.120	323	323	07-SPGP-01	11/25/2008	Northern
02070010	WP4-07-1581	Issuance	0.220	0.220	128	103	07-SPGP-01	10/09/2008	Northern
02070010	WP4-07-2649	Issuance	0.320	0.320	901	901	07-SPGP-01	07/03/2008	Northern
02070010	WP4-08-0259	Issuance	0.500	0.500	699	699	07-SPGP-01	02/18/2009	Northern
02070010	WP4-08-0312	Issuance	0.640	0.640	0	0	07-SPGP-01	08/25/2008	Northern
02070010	WP4-08-0506	Issuance	0.060	0.060	452	452	07-SPGP-01	08/08/2008	Northern
02070010	WP4-08-0829	Issuance	0.195	0.178	189	189	07-SPGP-01	09/09/2008	Northern
02070010	WP4-08-1056	Issuance	0.000		465	465	07-SPGP-01	07/29/2008	Northern
02070010	WP4-08-1125	Issuance	0.330	0.330	309	309	07-SPGP-01	08/06/2008	Northern
02070010	WP4-08-1346	Issuance	0.070	0.070	137	137	07-SPGP-01	09/11/2008	Northern
02070010	WP4-08-1861	Issuance	0.420	0.420	73	73	07-SPGP-01	12/10/2008	Northern
02070010	WP4-08-1867	Issuance	0.330	0.330	1358	1358	07-SPGP-01	01/15/2009	Northern
02070010	WP4-08-2077	Issuance	0.012	0.012	229	229	07-SPGP-01	12/18/2008	Northern
02070010	WP4-08-2229	Issuance	0.050	0.176	606	665	07-SPGP-01	04/09/2009	Northern
02070010	WP4-08-2262	Issuance	0.090	0.090			07-SPGP-01	01/13/2009	Northern
02070010	WP4-09-0007	Issuance	0.050	0.050	685	685	07-SPGP-01	01/28/2009	Northern
02070010	WP4-09-0018	Issuance	0.310	0.310	86	86	07-SPGP-01	02/27/2009	Northern
02070010	WP4-09-0042	Issuance	0.001	0.001	634	634	07-SPGP-01	04/21/2009	Northern
02070010	WP4-09-0096	Issuance	0.000	0.000	77	77	07-SPGP-01	04/02/2009	Northern
02070010	WP4-09-0306	Issuance	0.002	0.002	50	50	07-SPGP-01	05/28/2009	Northern
02070010	WP4-08-1109	Issuance and Planned Change	0.000		665	665	07-SPGP-01	03/11/2009	Northern

Table 3. 07-SPGP-01 Actions via VWP General Permit Authorizations, Organized by 8-Digit Hydrologic Unit Code (HUC)

HUC 8	Permit No	Action	Total Wetland Acres Requested	Total Wetland Acres Authorized	Total Linear Feet Requested	Total Linear Feet Authorized	Spgp Type	Effective Date of Permit or Change	DEQ Regional Office
HUC Total	28		4.493	4.602	11177	11211			
02070011	WP1-08-1011	Issuance	0.110	0.110			07-SPGP-01	07/08/2008	Piedmont
02070011	WP1-08-1752	Issuance	0.170	0.090	256	215	07-SPGP-01	02/27/2009	Piedmont
02070011	WP1-09-0031	Issuance	0.060	0.060	67	67	07-SPGP-01	03/19/2009	Piedmont
02070011	WP3-09-0119	Issuance	0.130	0.130	567	470	07-SPGP-01	04/02/2009	Northern
02070011	WP3-09-4065	Issuance	0.000	0.000	205	0	07-SPGP-01	06/19/2009	Central
02070011	WP3-09-9062	Issuance	0.000		183	183	07-SPGP-01	04/02/2009	Northern
02070011	WP4-07-1995	Issuance	0.000	0.000	201	201	07-SPGP-01	08/01/2008	Northern
02070011	WP4-08-1415	Issuance	0.031	0.031			07-SPGP-01	09/11/2008	Northern
02070011	WP4-08-1466	Issuance	0.920	0.920	0	0	07-SPGP-01	03/05/2009	Northern
02070011	WP4-08-1829	Issuance	0.800	0.800	164	164	07-SPGP-01	11/04/2008	Northern
02070011	WP4-09-0268	Issuance	0.000		295	295	07-SPGP-01	04/03/2009	Northern
02070011	WP4-08-1355	Issuance and Planned Change	0.040	0.040	175	175	07-SPGP-01	08/28/2008	Northern
HUC Total	12		2.261	2.181	2113	1770			
02080102	WP1-08-1892	Issuance	0.023	0.023	60	60	07-SPGP-01	03/19/2009	Piedmont
HUC Total	1		0.023	0.023	60	60			
02080103	WP3-09-4045	Issuance	0.039	0.039	120	120	07-SPGP-01	05/11/2009	Central
02080103	WP4-08-1578	Issuance	0.090	0.090			07-SPGP-01	09/22/2008	Northern
02080103	WP4-08-1747	Issuance	0.140	0.140	250	250	07-SPGP-01	03/30/2009	Northern
02080103	WP4-09-0017	Issuance	0.210	0.210	234	234	07-SPGP-01	06/10/2009	Northern
02080103	WP4-09-0065	Issuance	0.170	0.170	0	0	07-SPGP-01	03/03/2009	Northern
HUC Total	5		0.649	0.649	604	604			
02080104	WP4-08-0424	Issuance	0.000	0.000	509	509	07-SPGP-01	12/11/2008	Northern
02080104	WP4-08-1055	Issuance	0.080	0.080	80	80	07-SPGP-01	08/12/2008	Northern
02080104	WP4-07-1254	Issuance and Planned Change	0.030	0.030	557	557	07-SPGP-01	10/03/2008	Northern
HUC Total	3		0.110	0.110	1146	1146			
02080105	WP1-07-2701	Issuance	0.110	0.090	125	53	07-SPGP-01	06/23/2009	Northern
02080105	WP1-08-1770	Issuance	0.090	0.090			07-SPGP-01	11/05/2008	Piedmont
02080105	WP4-08-1267	Issuance	0.020	0.020	247	247	07-SPGP-01	09/29/2008	Northern
02080105	WP4-09-0175	Issuance	0.174	0.174			07-SPGP-01	04/14/2009	Northern
HUC Total	4		0.394	0.374	372	300			
02080106	WP1-08-0751	Issuance	0.090	0.090	295	295	07-SPGP-01	07/31/2008	Piedmont
02080106	WP1-08-1248	Issuance	0.000		47	47	07-SPGP-01	07/30/2008	Piedmont
02080106	WP1-08-1651	Issuance	0.008	0.008			07-SPGP-01	10/28/2008	Piedmont
02080106	WP1-08-2206	Issuance	0.000		100	100	07-SPGP-01	01/22/2009	Piedmont
02080106	WP1-09-0470	Issuance	0.013	0.013			07-SPGP-01	04/23/2009	Northern
02080106	WP1-09-0503	Issuance	0.095	0.095	158	158	07-SPGP-01	05/29/2009	Piedmont
02080106	WP4-07-1979	Issuance	0.320	0.320	33	33	07-SPGP-01	07/21/2008	Piedmont
02080106	WP4-08-1192	Issuance	0.015	0.000	220	0	07-SPGP-01	07/03/2008	Northern
02080106	WP4-08-2282	Issuance	0.190	0.190	246	246	07-SPGP-01	01/29/2009	Northern
02080106	WP4-08-0760	Issuance and Planned Change	0.346	0.346			07-SPGP-01	07/25/2008	Piedmont
02080106	07-0860	Issuance	0.760	0.760	897	897	07-SPGP-01	10/16/2008	Northern
HUC Total	10		1.837	1.822	1996	1776			
02080107	WP4-08-0407	Issuance	0.092	0.049	0	87	07-SPGP-01	08/06/2008	Tidewater
02080107	WP4-08-2231	Issuance	0.074	0.074	230	230	07-SPGP-01	01/22/2009	Tidewater
HUC Total	2		0.166	0.123	230	317			
02080108	WP4-08-2250	Continuation	0.132	0.132			07-SPGP-01	06/04/2009	Tidewater
02080108	WP4-08-0866	Issuance	0.582	0.582			07-SPGP-01	02/12/2009	Tidewater
HUC Total	2		0.714	0.714	0	0			
02080109	WP4-08-0207	Issuance	0.920	0.920			07-SPGP-01	09/02/2008	Tidewater
02080109	WP4-08-0456	Issuance	0.096	0.096			07-SPGP-01	07/16/2008	Tidewater

Table 3. 07-SPGP-01 Actions via VWP General Permit Authorizations, Organized by 8-Digit Hydrologic Unit Code (HUC)

HUC 8	Permit No	Action	Total Wetland Acres Requested	Total Wetland Acres Authorized	Total Linear Feet Requested	Total Linear Feet Authorized	Spgg Type	Effective Date of Permit or Change	DEQ Regional Office
HUC Total	2		1.016	1.016	0	0			
02080201	WP3-09-4044	Issuance	0.000		104	104	07-SPGP-01	05/11/2009	Central
02080201	WP3-09-4060	Issuance	0.000		22	22	07-SPGP-01	06/19/2009	Central
02080201	WP3-09-4081	Issuance	0.000		76	76	07-SPGP-01	06/22/2009	Central
HUC Total	3		0.000	0.000	202	202			
02080202	WP3-08-4126	Issuance	0.011	0.011	42	42	07-SPGP-01	12/17/2008	Central
02080202	WP3-09-4064	Issuance	0.000		88	88	07-SPGP-01	06/19/2009	Central
HUC Total	2		0.011	0.011	130	130			
02080203	WP3-08-1918	Issuance	0.009	0.009	530	530	07-SPGP-01	02/25/2009	Blue Ridge
02080203	WP3-09-4027	Issuance	0.000		30	30	07-SPGP-01	03/23/2009	Central
02080203	WP4-08-2106	Issuance	0.210	0.090	1210	519	07-SPGP-01	04/23/2009	Blue Ridge
02080203	WP4-08-2270	Issuance	0.069	0.069	252	252	07-SPGP-01	02/18/2009	Blue Ridge
02080203	WP4-09-0081	Issuance	0.073	0.073	188	188	07-SPGP-01	02/18/2009	Blue Ridge
HUC Total	5		0.361	0.241	2210	1519			
02080204	WP1-08-1012	Issuance	0.081	0.008	296	141	07-SPGP-01	03/17/2009	Valley
02080204	WP1-08-1513	Issuance	0.022	0.022	28	28	07-SPGP-01	02/13/2009	Valley
02080204	WP4-08-0835	Issuance	0.101	0.101	433	433	07-SPGP-01	07/28/2008	Valley
02080204	WP4-08-1321	Issuance and Planned Change	0.730	0.730	541	541	07-SPGP-01	10/07/2008	Valley
HUC Total	4		0.934	0.861	1298	1143			
02080205	WP1-08-0677	Issuance	0.003	0.003	279	279	07-SPGP-01	01/22/2009	Piedmont
02080205	WP1-08-0970	Issuance	0.000		34	34	07-SPGP-01	07/29/2008	Piedmont
02080205	WP1-08-1540	Issuance	0.000		20	20	07-SPGP-01	10/20/2008	Piedmont
02080205	WP1-08-1846	Issuance	0.038	0.038	153	153	07-SPGP-01	03/18/2009	Piedmont
02080205	WP1-08-1880	Issuance	0.030	0.030			07-SPGP-01	12/15/2008	Piedmont
02080205	WP1-08-1993	Issuance	0.100	0.100	174	174	07-SPGP-01	01/23/2009	Piedmont
02080205	WP1-09-0023	Issuance	0.004	0.004			07-SPGP-01	03/16/2009	Piedmont
02080205	WP1-09-0271	Issuance	0.005	0.005	213	213	07-SPGP-01	06/03/2009	Piedmont
02080205	WP4-08-0547	Issuance	0.180	0.180	753	753	07-SPGP-01	08/14/2008	Piedmont
02080205	WP4-08-1033	Issuance	0.120	0.052	536	536	07-SPGP-01	12/15/2008	Piedmont
02080205	WP4-08-1858	Issuance	0.171	0.171	370	0	07-SPGP-01	12/23/2008	Piedmont
HUC Total	11		0.651	0.583	2532	2162			
02080206	WP1-08-1295	Issuance	0.040	0.040			07-SPGP-01	09/05/2008	Piedmont
02080206	WP1-08-1410	Issuance	0.086	0.086	56	0	07-SPGP-01	08/18/2008	Piedmont
02080206	WP1-08-2192	Issuance	0.012	0.012			07-SPGP-01	01/14/2009	Piedmont
02080206	WP1-09-0187	Issuance	0.088	0.088	0	0	07-SPGP-01	04/08/2009	Piedmont
02080206	WP3-08-1209	Issuance	0.240	0.240			07-SPGP-01	07/02/2008	Blue Ridge
02080206	WP4-07-1691	Issuance	0.490	0.490			07-SPGP-01	09/12/2008	Piedmont
02080206	WP4-07-1876	Issuance	0.110	0.110			07-SPGP-01	10/27/2008	Piedmont
02080206	WP4-07-2111	Issuance	0.976	0.000	51		07-SPGP-01	02/06/2009	Tidewater
02080206	WP4-08-0360	Issuance	0.520	0.520	105	105	07-SPGP-01	07/16/2008	Piedmont
02080206	WP4-08-0403	Issuance	0.099	0.099			07-SPGP-01	07/10/2008	Piedmont
02080206	WP4-08-0601	Issuance	0.000		274	274	07-SPGP-01	07/07/2008	Piedmont
02080206	WP4-08-0837	Issuance	0.980	0.800			07-SPGP-01	09/08/2008	Piedmont
02080206	WP4-08-0928	Issuance	0.410	0.330	0	0	07-SPGP-01	01/07/2009	Piedmont
02080206	WP4-08-1030	Issuance	0.000	0.900	115	115	07-SPGP-01	08/11/2008	Blue Ridge
02080206	WP4-08-1069	Issuance	0.073	0.073	356	297	07-SPGP-01	02/02/2009	Tidewater
02080206	WP4-08-1137	Issuance	0.980	0.980	0	0	07-SPGP-01	10/28/2008	Piedmont
02080206	WP4-08-1309	Issuance	0.965	0.978			07-SPGP-01	03/24/2009	Piedmont
02080206	WP4-08-1460	Issuance	0.270	0.000			07-SPGP-01	10/08/2008	Piedmont
02080206	WP4-08-1549	Issuance	0.366	0.000			07-SPGP-01	12/30/2008	Tidewater
02080206	WP4-08-1783	Issuance	0.020	0.020			07-SPGP-01	12/10/2008	Piedmont
02080206	WP4-08-1851	Issuance	0.220	0.220	0	0	07-SPGP-01	11/21/2008	Piedmont
02080206	WP4-08-1863	Issuance	0.047	0.047	244	244	07-SPGP-01	12/03/2008	Piedmont
02080206	WP4-08-2018	Issuance	0.600	0.600			07-SPGP-01	02/04/2009	Piedmont
02080206	WP4-08-2175	Issuance	0.000				07-SPGP-01	02/04/2009	Tidewater
02080206	WP4-08-2191	Issuance	0.214	0.214			07-SPGP-01	04/15/2009	Piedmont
02080206	WP4-09-0043	Issuance	0.871	0.871			07-SPGP-01	04/29/2009	Tidewater
02080206	WP4-09-0141	Issuance	0.966	0.966	228	228	07-SPGP-01	06/09/2009	Piedmont
02080206	WP4-09-0528	Issuance	0.161	0.161	131	131	07-SPGP-01	06/22/2009	Tidewater
02080206	WP1-08-2111	Issuance and Planned Change	0.370	0.370	106	106	07-SPGP-01	02/09/2009	Piedmont
02080206	WP4-08-0398	Issuance and Planned Change	0.040	0.040	0	0	07-SPGP-01	07/29/2008	Piedmont

Table 3. 07-SPGP-01 Actions via VWP General Permit Authorizations, Organized by 8-Digit Hydrologic Unit Code (HUC)

HUC 8	Permit No	Action	Total Wetland Acres Requested	Total Wetland Acres Authorized	Total Linear Feet Requested	Total Linear Feet Authorized	Sppg Type	Effective Date of Permit or Change	DEQ Regional Office
HUC Total	30		10.214	9.255	1666	1500			
02080207	WP1-08-1226	Issuance	0.067	0.067	11	11	07-SPGP-01	08/18/2008	Piedmont
02080207	WP1-08-1270	Issuance	0.310	0.310	0	0	07-SPGP-01	07/28/2008	Piedmont
02080207	WP1-08-1356	Issuance	0.240	0.240	0	0	07-SPGP-01	08/21/2008	Piedmont
02080207	WP1-08-1933	Issuance	0.070	0.070	0	0	07-SPGP-01	12/18/2008	Piedmont
02080207	WP1-08-2242	Issuance	0.250	0.250	0	0	07-SPGP-01	01/20/2009	Piedmont
02080207	WP1-09-0106	Issuance	0.010	0.010	263	263	07-SPGP-01	03/03/2009	Blue Ridge
02080207	WP3-08-4107	Issuance	0.000	0.098			07-SPGP-01	08/04/2008	Central
02080207	WP3-08-4171	Issuance	0.000		120	120	07-SPGP-01	12/05/2008	Central
02080207	WP3-09-0174	Issuance	0.000	0.000	257	257	07-SPGP-01	04/03/2009	Piedmont
02080207	WP4-08-0453	Issuance	0.460	0.460	1446	1446	07-SPGP-01	01/14/2009	Piedmont
02080207	WP4-08-0887	Issuance	0.240	0.240			07-SPGP-01	07/18/2008	Piedmont
02080207	WP4-08-0989	Issuance	0.687	0.687	0	0	07-SPGP-01	11/12/2008	Piedmont
02080207	WP4-08-1342	Issuance	0.155	0.155			07-SPGP-01	12/03/2008	Piedmont
02080207	WP4-08-1591	Issuance	0.408	0.408	266	266	07-SPGP-01	04/08/2009	Piedmont
02080207	WP4-08-1864	Issuance	0.480	0.480	593	593	07-SPGP-01	02/12/2009	Piedmont
02080207	WP4-08-2185	Issuance	0.101	0.001	450	221	07-SPGP-01	01/09/2009	Blue Ridge
02080207	WP4-08-2269	Issuance	0.316	0.316	250	250	07-SPGP-01	06/15/2009	Piedmont
02080207	WP4-09-0064	Issuance	0.000	0.000	299	299	07-SPGP-01	03/03/2009	Blue Ridge
02080207	WP3-08-1193	Issuance and Planned Change	0.240	0.240	95	95	07-SPGP-01	08/04/2008	Piedmont
HUC Total	19		4.034	4.032	4050	3821			
02080208	WP4-08-0492	Issuance	0.370	0.000	315		07-SPGP-01	10/23/2008	Tidewater
02080208	WP4-08-0990	Issuance	0.220	0.478			07-SPGP-01	11/19/2008	Tidewater
02080208	WP4-08-1247	Issuance	0.000				07-SPGP-01	12/09/2008	Tidewater
02080208	WP4-08-1778	Issuance	0.000				07-SPGP-01	12/04/2008	Tidewater
02080208	WP4-08-2004	Issuance	0.020	0.020	20	20	07-SPGP-01	11/10/2008	Tidewater
02080208	WP4-08-2126	Issuance	0.046	0.046	5	5	07-SPGP-01	12/11/2008	Tidewater
02080208	WP4-09-0214	Issuance	0.015	0.015			07-SPGP-01	03/13/2009	Tidewater
02080208	WP4-09-0522	Issuance	0.450	0.450			07-SPGP-01	06/12/2009	Tidewater
02080208	WP4-09-0686	Issuance	0.000				07-SPGP-01	06/30/2009	Tidewater
HUC Total	9		1.121	1.009	340	25			
03010101	WP3-08-4118	Issuance	0.000		254	254	07-SPGP-01	09/04/2008	Central
03010101	WP3-08-4133	Issuance	0.000		224	224	07-SPGP-01	10/03/2008	Central
03010101	WP3-08-4155	Issuance	0.000		80	80	07-SPGP-01	11/10/2008	Central
03010101	WP3-09-4026	Issuance	0.000		562	562	07-SPGP-01	03/23/2009	Central
03010101	WP4-08-0030	Issuance	0.000	0.000	215	0	07-SPGP-01	09/02/2008	Blue Ridge
03010101	WP4-08-0758	Issuance	0.010	0.000	969	265	07-SPGP-01	08/11/2008	Blue Ridge
03010101	WP4-08-1052	Issuance	0.000		297	297	07-SPGP-01	07/07/2008	Blue Ridge
03010101	WP4-08-1895	Issuance	0.020	0.000	251	251	07-SPGP-01	03/04/2009	Blue Ridge
03010101	WP4-08-2008	Issuance	0.098	0.080	0	107	07-SPGP-01	12/19/2008	Blue Ridge
03010101	WP4-09-0235	Issuance	0.000		146	80	07-SPGP-01	05/20/2009	Blue Ridge
HUC Total	10		0.128	0.080	2998	2120			
03010102	WP3-09-4061	Issuance	0.000		70	70	07-SPGP-01	06/19/2009	Central
03010102	WP4-08-0850	Issuance	0.062	0.062	162	162	07-SPGP-01	07/09/2008	Blue Ridge
03010102	WP4-08-1225	Issuance and Planned Change	0.290	0.290			07-SPGP-01	06/02/2009	Blue Ridge
HUC Total	3		0.352	0.352	232	232			
03010103	WP3-08-4114	Issuance	0.000		100	100	07-SPGP-01	09/04/2008	Central
03010103	WP3-08-4115	Issuance	0.000		45	45	07-SPGP-01	09/04/2008	Central
03010103	WP3-08-4116	Issuance	0.000		49	49	07-SPGP-01	09/04/2008	Central
03010103	WP3-09-4015	Issuance	0.000				07-SPGP-01	04/09/2009	Central
HUC Total	4		0.000	0.000	194	194			
03010104	WP4-08-1323	Issuance	0.013	0.013	220	220	07-SPGP-01	10/06/2008	Blue Ridge
03010104	WP4-08-1666	Issuance	0.500	0.009	280	211	07-SPGP-01	10/06/2008	Blue Ridge
HUC Total	2		0.513	0.022	500	431			
03010105	WP3-08-4149	Issuance	0.250	0.250	0	0	07-SPGP-01	12/11/2008	Central
HUC Total	1		0.250	0.250	0	0			
03010201	WP1-08-2194	Issuance	0.000		222	222	07-SPGP-01	01/22/2009	Blue Ridge
03010201	WP4-08-0969	Issuance	0.101	0.081			07-SPGP-01	08/19/2008	Blue Ridge
HUC Total	2		0.101	0.081	222	222			
03010202	WP1-08-2031	Issuance	0.250	0.250	0	0	07-SPGP-01	12/02/2008	Piedmont
HUC Total	1		0.250	0.250	0	0			
03010204	WP1-08-0998	Issuance	0.010	0.010			07-SPGP-01	07/21/2008	Blue Ridge

Table 3. 07-SPGP-01 Actions via VWP General Permit Authorizations, Organized by 8-Digit Hydrologic Unit Code (HUC)

HUC 8	Permit No	Action	Total Wetland Acres Requested	Total Wetland Acres Authorized	Total Linear Feet Requested	Total Linear Feet Authorized	Sppg Type	Effective Date of Permit or Change	DEQ Regional Office
HUC Total	1		0.010	0.010	0	0			
03010205	WP4-08-0855	Issuance	0.890	0.890			07-SPGP-01	08/21/2008	Tidewater
03010205	WP4-08-1053	Issuance	0.940	0.940	151	151	07-SPGP-01	01/12/2009	Tidewater
03010205	WP4-08-1082	Issuance	0.540	0.540			07-SPGP-01	08/18/2008	Tidewater
03010205	WP4-08-1121	Issuance	0.125	0.125			07-SPGP-01	08/06/2008	Tidewater
03010205	WP4-08-1161	Issuance	0.000				07-SPGP-01	09/05/2008	Tidewater
03010205	WP4-08-2189	Issuance	0.356	0.356			07-SPGP-01	02/12/2009	Tidewater
03010205	WP4-09-0025	Issuance	0.690	0.690			07-SPGP-01	04/29/2009	Tidewater
03010205	WP4-09-0432	Issuance	0.016	0.016			07-SPGP-01	04/27/2009	Tidewater
03010205	WP4-09-0457	Issuance	1.070	0.980			07-SPGP-01	06/16/2009	Tidewater
03010205	WP3-08-2017	Issuance and Planned Change	0.022	0.022			07-SPGP-01	12/01/2008	Tidewater
HUC Total	10		4.649	4.559	151	151			
03040101	WP4-08-2085	Issuance	0.028	0.028	760	760	07-SPGP-01	04/29/2009	Southwest
05050001	WP3-08-4071	Issuance	0.000		80	80	07-SPGP-01	07/10/2008	Central
05050001	WP3-08-4154	Issuance	0.000		30	30	07-SPGP-01	11/10/2008	Central
05050001	WP3-08-4169	Issuance	0.000		34	34	07-SPGP-01	12/05/2008	Central
05050001	WP3-09-4025	Issuance	0.000		90	90	07-SPGP-01	03/23/2009	Central
05050001	WP4-08-1322	Issuance	0.090	0.090	40	40	07-SPGP-01	08/27/2008	Southwest
HUC Total	6		0.118	0.118	1034	1034			
05050002	WP3-08-4170	Issuance	0.000		260	260	07-SPGP-01	12/05/2008	Central
05050002	WP4-08-0976	Issuance	0.000		160	160	07-SPGP-01	07/03/2008	Southwest
05050002	08-1223	Issuance	0.465	0.465	1957	1957	07-SPGP-01		
HUC Total	3		0.465	0.465	2377	2377			
05070202	WP3-08-4110	Issuance	0.113	0.113			07-SPGP-01	09/24/2008	Central
05070202	WP4-08-1308	Issuance	0.000		290	290	07-SPGP-01	07/23/2008	Southwest
HUC Total	2		0.113	0.113	290	290			
06010205	WP3-08-4124	Issuance	0.000		24	24	07-SPGP-01	10/14/2008	Central
06010205	WP4-07-2672	Issuance	0.000		1115	1115	07-SPGP-01	03/12/2009	Southwest
HUC Total	2		0.000	0.000	1139	1139			

Table 4. Compensatory mitigation authorized under 07-SPGP-01 for the period July 1, 2008 through June 30, 2009.

Permit No	Mitigation Type	Mitigation Action	Acres	Bank Credits -		Linear Feet	SCU ⁽¹⁾
				Streams	Wetlands		
07-0890	Forest	Creation	1.12				
	Forest	Preservation	24.2				
	Stream Bed	Preservation				15900	
	Upland Buffer	Preservation	29.7				
	Forest	Preservation	15.7				
08-1223	Stream Bed	Restoration				2252	
WP1-08-1011		Bank			0.11		
WP1-08-1270	Forest	Bank	0.62				
WP1-08-1295		Bank			0.08		
WP1-08-1356		Bank			0.48		
WP1-08-2031		Bank			0.5		
WP1-08-2111		Bank			0.75		
		Bank		145			
WP1-08-2242		Bank			0.5		
WP3-08-1193		Bank			0.48		
		Bank		91			
WP3-08-1209		Bank			0.24		
WP3-08-1918		Bank	0.009				
	Riparian Buffer	Preservation	2.672				
WP3-08-4107	Forest	Creation	0.196				
WP3-08-4110	Scrub-shrub	Creation	0.169				
WP3-08-4126	Emergent	Creation	0.011				
WP3-08-4149		Bank	0.5				
WP3-09-0119		Bank			0.16		
		Bank			0.08		
WP3-09-0370		Bank				830	
WP3-09-0579		Bank			0.01		
	Stream Bed	Enhancement				1060	
WP3-09-0636		Preservation				1060	
		Bank			0.18		
WP3-09-4009		Bank		164			
		Bank	0.114				
WP3-09-4018		Bank	0.08				
		Bank	0.36				

(1) Stream Condition Units (SCU) are the units used at the Northern Virginia Stream Restoration Bank.

Table 4. Compensatory mitigation authorized under 07-SPGP-01 for the period July 1, 2008 through June 30, 2009.

Permit No	Mitigation Type	Mitigation Action	Acres	Bank Credits - Streams	Bank Credits - Wetlands	Linear Feet	SCU ⁽¹⁾
WP4-09-0043	Forest	Preservation	34				
		Bank			0.871		
WP4-09-0065		Bank			0.17		
WP4-09-0141		Bank			1.932		
		Bank		239			
WP4-09-0175		Bank			0.17		
		Bank			0.02		
WP4-09-0457		Bank			1.15		
WP4-09-0522		Bank	0.45				
WP4-09-0528		Bank			0.322		
		Fund				182	
Total			313.29	9087.35	39.903	60745	6247

(1) Stream Condition Units (SCU) are the units used at the Northern Virginia Stream Restoration Bank.

Table 5. Comparison of impacts requested, authorized and compensated for two 07-SPGP-09 reporting cycles (rounded to whole numbers).

	2007-2008	2008-2009
Total SPGP Permits Issued	403	220
SPGP Permits Requiring Compensation	259	94
SPGP Reporting Only Permits Issued	144	126
Wetland Impacts		
Requested	62 acres	38 acres
Authorized	59 acres	35 acres
Compensated	370 acres or credits	55 acres or credits
Wetlands & Buffer Preserved	231 acres	296 acres
Stream Impacts		
Requested	70,549 linear feet	42,132 linear feet
Authorized	67,582 linear feet	37,972 linear feet
Compensated	15,1197 units	22,354 units
Stream & Buffer Preserved	118,613 linear feet	50,741 linear feet