

## **Appendix B: Potential Opportunities, Rankings and Summary Information**

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**Potomac Direct Watershed Assessment**  
**Appendix B - Potential Opportunities and Rankings**

Nutrient and Impervious Acre Credit Score																	
BMP Site	Proposed Practice Type	Estimated TN Removal (lbs/yr)			Estimated TP Removal (lbs/yr)			Estimated TSS Removal (lbs/yr)			Impervious Acre Credit			Stormwater Era			Total Score (Max 60)
		Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	
BMP 015	Wet Pond Retrofit	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 068	Wet Pond Retrofit	2	1	2	2	1	2	2	1	2	4	2	8	10	3	30	44
BMP 090	Sand Filter	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 103	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	2	20	30
BMP 175	Wet Pond Retrofit	2	1	2	2	1	2	2	1	2	4	1	4	10	2	20	30
BMP 243	Wet Pond Retrofit	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 316	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	2	20	30
BMP 317	Bioswale	2	1	2	2	1	2	2	1	2	4	1	4	10	2	20	30
BMP 318	Wet Pond Retrofit	2	1	2	2	1	2	2		0	4	1	4	10	3	30	38
BMP 362	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 423	Wet Pond Retrofit	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 494	Wet Pond Retrofit	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 558	Micropool Extended Detention	2	1	2	2	1	2	2	1	2	4	1	4	10	2	20	30
BMP 606	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 630	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 632	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 656	Wet Pond Retrofit	2	1	2	2	1	2	2	1	2	4	2	8	10	2	20	34
BMP 657	Wet Pond Retrofit	2	1	2	2	1	2	2	1	2	4	2	8	10	2	20	34
BMP 783	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 783	RSC	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 784	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 800	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 669	Wet Pond Retrofit	2	1	2	2	1	2	2	1	2	4	2	8	10	3	30	44
BMP 127	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	1	10	20
OID 55	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	3	30	40
BMP 588	Bioretention	2	1	2	2	1	2	2	1	2	4	1	4	10	1	10	20
BMP 685	Submerged Gravel Wetland	2		0	2		0	2		0	4		0	10		0	0
OID 32	Bioretention	2		0	2		0	2		0	4		0	10		0	0
OID 50	Bioswale	2		0	2		0	2		0	4		0	10		0	0
BMP 857	Wet Pond Retrofit	2		0	2		0	2		0	4		0	10		0	0
OID 48	RSC	2		0	2		0	2		0	4		0	10		0	0
OID 46	N/A	2		0	2		0	2		0	4		0	10		0	0
OID 40	N/A	2		0	2		0	2		0	4		0	10		0	0
OID 47	N/A	2		0	2		0	2		0	4		0	10		0	0
OID 56	N/A	2		0	2		0	2		0	4		0	10		0	0

Removed from consideration.

**Potomac Direct Watershed Assessment**  
**Appendix B - Potential Opportunities and Rankings**

Cost Score																	
BMP Site	Proposed Practice Type	Overall Planning Level Cost			Cost/Pound of Nitrogen Removed			Cost/Pound of Phosphorus Removed			Cost/Pound of Sediment Removed			Cost/Impervious Acre Treated			Total Score (Max 60)
		Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	
BMP 015	Wet Pond Retrofit	6	3	18	2	1	2	2	1	2	2	1	2	8	3	24	48
BMP 068	Wet Pond Retrofit	6	2	12	2	1	2	2	1	2	2	1	2	8	3	24	42
BMP 090	Sand Filter	6	2	12	2	1	2	2	1	2	2	1	2	8	1	8	26
BMP 103	Bioretention	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 175	Wet Pond Retrofit	6	3	18	2	1	2	2	1	2	2	1	2	8	3	24	48
BMP 243	Wet Pond Retrofit	6	3	18	2	1	2	2	1	2	2	1	2	8	3	24	48
BMP 316	Bioretention	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 317	Bioswale	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 318	Wet Pond Retrofit	6	3	18	2	1	2	2	1	2	2	1	2	8	3	24	48
BMP 362	Bioretention	6	2	12	2	1	2	2	1	2	2	1	2	8	1	8	26
BMP 423	Wet Pond Retrofit	6	3	18	2	1	2	2	1	2	2	1	2	8	3	24	48
BMP 494	Wet Pond Retrofit	6	3	18	2	1	2	2	1	2	2	1	2	8	3	24	48
BMP 558	Micropool Extended Detention	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 606	Bioretention	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 630	Bioretention	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 632	Bioretention	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 656	Wet Pond Retrofit	6	2	12	2	1	2	2	1	2	2	1	2	8	3	24	42
BMP 657	Wet Pond Retrofit	6	2	12	2	1	2	2	1	2	2	1	2	8	3	24	42
BMP 783	Bioretention	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 783	RSC	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 784	Bioretention	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 800	Bioretention	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 669	Wet Pond Retrofit	6	2	12	2	2	4	2	1	2	2	1	2	8	3	24	44
BMP 127	Bioretention	6	2	12	2	1	2	2	1	2	2	1	2	8	1	8	26
OID 55	Bioretention	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 588	Bioretention	6	3	18	2	1	2	2	1	2	2	1	2	8	1	8	32
BMP 685	Submerged Gravel Wetland	6		0	2		0	2		0	2		0	8		0	0
OID 32	Bioretention	6		0	2		0	2		0	2		0	8		0	0
OID 50	Bioswale	6		0	2		0	2		0	2		0	8		0	0
BMP 857	Wet Pond Retrofit	6		0	2		0	2		0	2		0	8		0	0
OID 48	RSC	6		0	2		0	2		0	2		0	8		0	0
OID 46	N/A	6		0	2		0	2		0	2		0	8		0	0
OID 40	N/A	6		0	2		0	2		0	2		0	8		0	0
OID 47	N/A	6		0	2		0	2		0	2		0	8		0	0
OID 56	N/A	6		0	2		0	2		0	2		0	8		0	0

Removed from consideration.

**Potomac Direct Watershed Assessment**  
**Appendix B - Potential Opportunities and Rankings**

Constructability Score																				
BMP Site	Proposed Practice Type	Utility Conflicts			ROW Requirements/ Property Ownership			Constructability/ Access			Maintenance Burden			Proximity to Karst			Permitting Requirements			Total Score (Max 60)
		Weight	Rating	Weighted Scored (Ranking * Weight)	Weight	Rating	Weighted Scored (Ranking * Weight)	Weight	Rating	Weighted Scored (Ranking * Weight)	Weight	Rating	Weighted Scored (Ranking * Weight)	Weight	Rating	Weighted Scored (Ranking * Weight)	Weight	Rating	Weighted Scored (Ranking * Weight)	
BMP 015	Wet Pond Retrofit	2	3	6	5	2	10	3	2	6	4	3	12	2	3	6	4	2	8	48
BMP 068	Wet Pond Retrofit	2	3	6	5	2	10	3	3	9	4	3	12	2	3	6	4	3	12	55
BMP 090	Sand Filter	2	3	6	5	2	10	3	3	9	4	2	8	2	3	6	4	3	12	51
BMP 103	Bioretention	2	1	2	5	2	10	3	1	3	4	2	8	2	3	6	4	2	8	37
BMP 175	Wet Pond Retrofit	2	3	6	5	2	10	3	3	9	4	3	12	2	3	6	4	3	12	55
BMP 243	Wet Pond Retrofit	2	2	4	5	2	10	3	2	6	4	3	12	2	3	6	4	2	8	46
BMP 316	Bioretention	2	3	6	5	2	10	3	3	9	4	2	8	2	3	6	4	2	8	47
BMP 317	Bioswale	2	1	2	5	2	10	3	1	3	4	2	8	2	3	6	4	3	12	41
BMP 318	Wet Pond Retrofit	2	3	6	5	2	10	3	3	9	4	3	12	2	3	6	4	3	12	55
BMP 362	Bioretention	2	2	4	5	2	10	3	2	6	4	2	8	2	3	6	4	3	12	46
BMP 423	Wet Pond Retrofit	2	3	6	5	2	10	3	3	9	4	3	12	2	3	6	4	3	12	55
BMP 494	Wet Pond Retrofit	2	3	6	5	2	10	3	2	6	4	3	12	2	3	6	4	3	12	52
BMP 558	Micropool Extended Detention	2	2	4	5	2	10	3	2	6	4	3	12	2	3	6	4	3	12	50
BMP 606	Bioretention	2	3	6	5	2	10	3	2	6	4	2	8	2	3	6	4	3	12	48
BMP 630	Bioretention	2	3	6	5	2	10	3	3	9	4	2	8	2	3	6	4	3	12	51
BMP 632	Bioretention	2	1	2	5	2	10	3	1	3	4	2	8	2	3	6	4	3	12	41
BMP 656	Wet Pond Retrofit	2	3	6	5	2	10	3	3	9	4	3	12	2	3	6	4	1	4	47
BMP 657	Wet Pond Retrofit	2	3	6	5	2	10	3	3	9	4	3	12	2	3	6	4	3	12	55
BMP 783	Bioretention	2	3	6	5	2	10	3	2	6	4	2	8	2	3	6	4	1	4	40
BMP 783	RSC	2	3	6	5	2	10	3	1	3	4	3	12	2	3	6	4	1	4	41
BMP 784	Bioretention	2	3	6	5	2	10	3	2	6	4	2	8	2	3	6	4	1	4	40
BMP 800	Bioretention	2	2	4	5	2	10	3	2	6	4	2	8	2	3	6	4	3	12	46
BMP 669	Wet Pond Retrofit	2	3	6	5	1	5	3	1	3	4	3	12	2	3	6	4	1	4	36
BMP 127	Bioretention	2	3	6	5	1	5	3	3	9	4	2	8	2	3	6	4	3	12	46
OID 55	Bioretention	2	3	6	5	1	5	3	3	9	4	2	8	2	3	6	4	3	12	46
BMP 588	Bioretention	2	3	6	5	1	5	3	2	6	4	2	8	2	3	6	4	3	12	43
BMP 685	Submerged Gravel Wetland	2		0	5		0	3		0	4		0	2		0	4		0	0
OID 32	Bioretention	2		0	5		0	3		0	4		0	2		0	4		0	0
OID 50	Bioswale	2		0	5		0	3		0	4		0	2		0	4		0	0
BMP 857	Wet Pond Retrofit	2		0	5		0	3		0	4		0	2		0	4		0	0
OID 48	RSC	2		0	5		0	3		0	4		0	2		0	4		0	0
OID 46	N/A	2		0	5		0	3		0	4		0	2		0	4		0	0
OID 40	N/A	2		0	5		0	3		0	4		0	2		0	4		0	0
OID 47	N/A	2		0	5		0	3		0	4		0	2		0	4		0	0
OID 56	N/A	2		0	5		0	3		0	4		0	2		0	4		0	0

Removed from consideration.

**Potomac Direct Watershed Assessment**  
**Appendix B - Potential Opportunities and Rankings**

**Community and Watershed Impacts Score**

BMP Site	Proposed Practice Type	Proximity to Stream Restoration			Public Acceptance			Public Safety			Partnership Opportunities			Public Visibility/ Outreach Opportunity			Total Score (Max 60)
		Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	
BMP 015	Wet Pond Retrofit	10	1	10	2	3	6	4	3	12	2	2	4	2	1	2	34
BMP 068	Wet Pond Retrofit	10	1	10	2	3	6	4	3	12	2	2	4	2	1	2	34
BMP 090	Sand Filter	10	1	10	2	3	6	4	1	4	2	2	4	2	1	2	26
BMP 103	Bioretention	10	1	10	2	2	4	4	1	4	2	2	4	2	3	6	28
BMP 175	Wet Pond Retrofit	10	1	10	2	2	4	4	3	12	2	2	4	2	2	4	34
BMP 243	Wet Pond Retrofit	10	1	10	2	3	6	4	3	12	2	2	4	2	1	2	34
BMP 316	Bioretention	10	1	10	2	2	4	4	1	4	2	2	4	2	3	6	28
BMP 317	Bioswale	10	1	10	2	2	4	4	1	4	2	2	4	2	3	6	28
BMP 318	Wet Pond Retrofit	10	1	10	2	2	4	4	3	12	2	2	4	2	1	2	32
BMP 362	Bioretention	10	1	10	2	3	6	4	1	4	2	2	4	2	1	2	26
BMP 423	Wet Pond Retrofit	10	1	10	2	3	6	4	3	12	2	2	4	2	1	2	34
BMP 494	Wet Pond Retrofit	10	1	10	2	3	6	4	3	12	2	2	4	2	2	4	36
BMP 558	Micropool Extended Detention	10	1	10	2	3	6	4	3	12	2	2	4	2	1	2	34
BMP 606	Bioretention	10	1	10	2	2	4	4	1	4	2	2	4	2	2	4	26
BMP 630	Bioretention	10	1	10	2	3	6	4	1	4	2	2	4	2	1	2	26
BMP 632	Bioretention	10	1	10	2	3	6	4	1	4	2	2	4	2	1	2	26
BMP 656	Wet Pond Retrofit	10	1	10	2	3	6	4	3	12	2	2	4	2	2	4	36
BMP 657	Wet Pond Retrofit	10	1	10	2	3	6	4	3	12	2	2	4	2	2	4	36
BMP 783	Bioretention	10	1	10	2	2	4	4	1	4	2	2	4	2	3	6	28
BMP 783	RSC	10	1	10	2	3	6	4	1	4	2	2	4	2	3	6	30
BMP 784	Bioretention	10	1	10	2	2	4	4	1	4	2	2	4	2	3	6	28
BMP 800	Bioretention	10	2	20	2	2	4	4	1	4	2	2	4	2	2	4	36
BMP 669	Wet Pond Retrofit	10	1	10	2	3	6	4	3	12	2	1	2	2	1	2	32
BMP 127	Bioretention	10	1	10	2	3	6	4	1	4	2	1	2	2	1	2	24
OID 55	Bioretention	10	1	10	2	3	6	4	1	4	2	2	4	2	1	2	26
BMP 588	Bioretention	10	1	10	2	2	4	4	1	4	2	2	4	2	1	2	24
BMP 685	Submerged Gravel Wetland	10		0	2		0	4		0	2		0	2		0	0
OID 32	Bioretention	10		0	2		0	4		0	2		0	2		0	0
OID 50	Bioswale	10		0	2		0	4		0	2		0	2		0	0
BMP 857	Wet Pond Retrofit	10		0	2		0	4		0	2		0	2		0	0
OID 48	RSC	10		0	2		0	4		0	2		0	2		0	0
OID 46	N/A	10		0	2		0	4		0	2		0	2		0	0
OID 40	N/A	10		0	2		0	4		0	2		0	2		0	0
OID 47	N/A	10		0	2		0	4		0	2		0	2		0	0
OID 56	N/A	10		0	2		0	4		0	2		0	2		0	0

Removed from consideration.

**Potomac Direct Watershed Assessment  
Appendix B - Potential Opportunities and Rankings**

Nutrient and Impervious Acre Credit Score																
Project Name	Estimated TN Removal (lbs/yr)			Estimated TP Removal (lbs/yr)			Estimated TSS Removal (lbs/yr)			Linear Feet			Impervious Acre Credit			Total Score (Max 60)
	Weight	Rating	Weighted Scored (Ranking * Weight)	Weight	Rating	Weighted Scored (Ranking * Weight)	Weight	Rating	Weighted Scored (Ranking * Weight)	Weight	Rating	Weighted Scored (Ranking * Weight)	Weight	Rating	Weighted Scored (Ranking * Weight)	
POTD-131-R-2015	2	3	6	2	3	6	2	3	6	4	3	12	10	3	30	60
POTD-133-R-2009	2	2	4	2	2	4	2	2	4	4	2	8	10	2	20	40
POTD-139-R-2010 & POTD-132-R-2009 COMBINED	2	3	6	2	3	6	2	3	6	4	3	12	10	3	30	60
POTD-2018-STRE-0001	2	1	2	2	1	2	2	1	2	4	1	4	10	1	10	20
POTD-2018-STRE-0005 R1	2	2	4	2	2	4	2	2	4	4	2	8	10	2	20	40
POTD-2018-STRE-0005 R2	2	1	2	2	1	2	2	1	2	4	2	8	10	2	20	34
POTD-205-R-2008	2	2	4	2	2	4	2	2	4	4	2	8	10	2	20	40
POTD-301-R-2013	2	3	6	2	3	6	2	3	6	4	3	12	10	3	30	60

Removed from consideration.

**Potomac Direct Watershed Assessment  
Appendix B - Potential Opportunities and Rankings**

Cost Score																
Project Name	Overall Planning Level Costs			Cost/Pound of Nitrogen Removed			Cost/Pound of Phosphorus Removed			Cost/Pound of Sediment Removed			Cost/Impervious Acre Treated			Total Score (Max 60)
	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	
POTD-131-R-2015	3	1	3	1	1	1	1	1	1	1	1	1	4	2	8	14
POTD-133-R-2009	3	2	6	1	1	1	1	1	1	1	1	1	4	3	12	21
POTD-139-R-2010 & POTD-132-R-2009 COMBINED	3	1	3	1	1	1	1	1	1	1	1	1	4	3	12	18
POTD-2018-STRE-0001	3	3	9	1	1	1	1	1	1	1	1	1	4	3	12	24
POTD-2018-STRE-0005 R1	3	1	3	1	1	1	1	1	1	1	1	1	4	3	12	18
POTD-2018-STRE-0005 R2	3	2	6	1	1	1	1	1	1	1	1	1	4	3	12	21
POTD-205-R-2008	3	1	3	1	1	1	1	1	1	1	1	1	4	3	12	18
POTD-301-R-2013	3	1	3	1	1	1	1	1	1	1	1	1	4	3	12	18

Removed from consideration.



**Potomac Direct Watershed Assessment  
Appendix B - Potential Opportunities and Rankings**

Constructability Score													
Project Name	Utility Conflicts			Easement Requirements			Constructability/Access			Existing Forest Retention Ordinance Present			Total Score (Max 30)
	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	
POTD-131-R-2015	4	1	4	2	1	2	2	1	2	2	2	4	12
POTD-133-R-2009	4	1	4	2	2	4	2	3	6	2	2	4	18
POTD-139-R-2010 & POTD-132-R-2009 COMBINED	4	2	8	2	2	4	2	3	6	2	3	6	24
POTD-2018-STRE-0001	4	2	8	2	2	4	2	2	4	2	3	6	22
POTD-2018-STRE-0005 R1	4	3	12	2	2	4	2	2	4	2	3	6	26
POTD-2018-STRE-0005 R2	4	3	12	2	2	4	2	2	4	2	3	6	26
POTD-205-R-2008	4	3	12	2	2	4	2	3	6	2	3	6	28
POTD-301-R-2013	4	3	12	2	2	4	2	3	6	2	2	4	26

Removed from consideration.

**Potomac Direct Watershed Assessment**  
**Appendix B - Potential Opportunities and Rankings**

Community and Watershed Impacts Score																			
Project Name	Benthic IBI Score			Land Use/Impervious within Watershed			Floodplain Connectivity Score			Lateral Stability of Stream Channel			Proximity to SWM			Functional Lift Potential			Total Score (Max 60)
	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	Weight	Rating	Weighted Score (Ranking * Weight)	
POTD-131-R-2015	4	2	8	2	2	4	4	1	4	5	2	10	2	1	2	3	2	6	34
POTD-133-R-2009	4	1	4	2	3	6	4	3	12	5	3	15	2	1	2	3	3	9	48
POTD-139-R-2010 & POTD-132-R-2009 COMBINED	4	1	4	2	2	4	4	3	12	5	3	15	2	1	2	3	2	6	43
POTD-2018-STRE-0001	4	2	8	2	3	6	4	2	8	5	3	15	2	1	2	3	1	3	42
POTD-2018-STRE-0005 R1	4	2	8	2	2	4	4	3	12	5	3	15	2	1	2	3	3	9	50
POTD-2018-STRE-0005 R2	4	2	8	2	2	4	4	1	4	5	2	10	2	1	2	3	2	6	34
POTD-205-R-2008	4	2	8	2	2	4	4	1	4	5	2	10	2	3	6	3	2	6	38
POTD-301-R-2013	4	2	8	2	1	2	4	3	12	5	3	15	2	3	6	3	2	6	49

Removed from consideration.