Appendix A: Field Site Assessment Summary
## Appendix A - BMP Field Site Assessment Summary

### Existing Conditions - BMP Sites

<table>
<thead>
<tr>
<th>Site ID</th>
<th>Address</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Existing BMP Type</th>
<th>BMP Type</th>
<th>Adjacent Landscape</th>
<th>Inflow Conditions</th>
<th>Control Structure Conditions</th>
<th>Spillway Condition</th>
<th>Embankment Condition</th>
<th>Outfall Condition</th>
<th>Access</th>
<th>Access Notes</th>
<th>Utility Conflicts</th>
<th>Utility Type</th>
<th>Construct-ability</th>
<th>Additional Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMP 016</td>
<td>4106 Hanford Pi Frederick MD 21703</td>
<td>39.3409606</td>
<td>77.4901587</td>
<td>Dry Pond</td>
<td>Agricultural, Commercial</td>
<td>Large amount of ponding and erosion, overgrown vegetation</td>
<td>Low flow orifice in front of notched weir</td>
<td>Control structure could not be located</td>
<td>Spillway could not be accessed, dense vegetation</td>
<td>Vegetated</td>
<td>Riprap channel</td>
<td>Moderate</td>
<td>Fenced, private owner</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td></td>
</tr>
<tr>
<td>BMP 018</td>
<td>5300 Boeger Creek Rd Frederick MD 21703</td>
<td>39.3280702</td>
<td>77.4610225</td>
<td>Dry Pond</td>
<td>Industrial</td>
<td>Facility was overgrown with dense vegetation and the inflow could not be assessed. Owner said it was flow through.</td>
<td>CMP weir with low flow orifice</td>
<td>Control structure could not be located</td>
<td>Spillway could not be accessed, dense vegetation</td>
<td>Evergreen</td>
<td>Outfalls to a riprap channel then to culvert and then to stream channel</td>
<td>Easy</td>
<td>Must be accessed through Builders First fording point.</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
</tr>
<tr>
<td>BMP 020</td>
<td>5390 Agro Dr Frederick MD 21703</td>
<td>39.3839272</td>
<td>77.4805258</td>
<td>Dry Pond</td>
<td>Industrial</td>
<td>Inflow could not be located</td>
<td>Control structure could not be located</td>
<td>Spillway could not be accessed, dense vegetation</td>
<td>Heavy vegetated</td>
<td>Heavy vegetated and could not be assessed</td>
<td>Easy</td>
<td>Access through Builders First fording point.</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMP 112</td>
<td>2050 Bowis Point Of Rocks Md 21777</td>
<td>39.2705907</td>
<td>77.5285406</td>
<td>Residential, Other</td>
<td>Commercial, Other</td>
<td>Large swale at base of hill, open</td>
<td>CMP weir with low flow orifice</td>
<td>Control structure could not be located</td>
<td>Spillway could not be accessed, dense vegetation</td>
<td>Heavy vegetated</td>
<td>Riprap channel</td>
<td>Moderate</td>
<td>Easily accessed through maintenance vehicle</td>
<td>None</td>
<td>N/A</td>
<td>Difficult</td>
<td>Easy</td>
</tr>
<tr>
<td>BMP 115</td>
<td>4106 Hanford Pi Frederick MD 21703</td>
<td>39.3478470</td>
<td>77.4979241</td>
<td>EDGW</td>
<td>Industrial</td>
<td>Erosioned CMP filled with sediments and debris. Small ditches coming from parking lot</td>
<td>6&quot; inflow pipe through notched weir</td>
<td>Control structure could not be located</td>
<td>Riprap channel could not be located</td>
<td>Heavy vegetated</td>
<td>Outfall pipe in good condition.</td>
<td>Easy</td>
<td>Must go through private driveway</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
</tr>
<tr>
<td>BMP 143</td>
<td>5240 Agro Dr Frederick MD 21703</td>
<td>39.3168063</td>
<td>77.4834286</td>
<td>Dry Pond</td>
<td>Commercial, Forested</td>
<td>3 Riprap lined channels, owner implied they install the riprap post construction</td>
<td>CMP Riser with stone jacketed low flow pipe. Approx. 6&quot; PVC.</td>
<td>Good</td>
<td>N/A</td>
<td>N/A</td>
<td>Access from SW</td>
<td>None</td>
<td>N/A</td>
<td>Difficult</td>
<td>Moderate</td>
<td>Easy</td>
<td></td>
</tr>
<tr>
<td>BMP 005</td>
<td>854 Jefferson Pike Knoxville MD 21708</td>
<td>39.3793049</td>
<td>77.6405283</td>
<td>Dry Pond</td>
<td>Commercial, Forested</td>
<td>Street flow and two riprap ditches</td>
<td>Notched weir with riprap channel</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Extensive Water</td>
<td>Moderate</td>
<td>Must be accessed through McDonald parking lot</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
</tr>
<tr>
<td>BMP 157</td>
<td>5th Jefferson Pike Frederick MD 21708</td>
<td>39.3720849</td>
<td>77.6402305</td>
<td>Infrastructure</td>
<td>Commercial</td>
<td>Two curb cuts with riprap</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Easy</td>
<td>Access through McDonalds parking lot</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
</tr>
<tr>
<td>BMP 318</td>
<td>4900 Winchester Blvd Frederick MD 21703</td>
<td>39.3441405</td>
<td>77.4986702</td>
<td>Dry Pond</td>
<td>Commercial</td>
<td>Existing swale along eastern side of BMP, 18&quot; CMP pipe with end section, 24&quot; RCP pipe with end section</td>
<td>Concrete weir with perforated CMP low flow</td>
<td>Some ground hog holes but mostly vegetated</td>
<td>Riprap channel with some rooted vegetation</td>
<td>Moderate</td>
<td>Access through parking lot</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMP 312</td>
<td>5240 Agro Dr Frederick MD 21703</td>
<td>39.3141995</td>
<td>77.4882290</td>
<td>Dry Pond</td>
<td>Industrial</td>
<td>Swales, on either side of the facility</td>
<td>2 stage weir well</td>
<td>Riprap channel with some rooted vegetation</td>
<td>Moderate</td>
<td>Extensive telecom, Difficult</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td>Moderate</td>
<td>Easy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMP 423</td>
<td>5300 Mountville Rd Frederick MD 21703</td>
<td>39.3251630</td>
<td>77.4926707</td>
<td>Wet Pond</td>
<td>Agricultural, Commercial</td>
<td>Mostly sheet flow with a small grass swale</td>
<td>Concrete weir structure with stone jacketed low flow pipe</td>
<td>Good, CMP</td>
<td>N/A</td>
<td>N/A</td>
<td>Extensive Water</td>
<td>Moderate</td>
<td>Must be accessed through NPS parking lot.</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td>Easy</td>
</tr>
<tr>
<td>BMP 544</td>
<td>5141 Mountville Rd Frederick MD 21703</td>
<td>39.3232020</td>
<td>77.4914131</td>
<td>Dry Pond</td>
<td>Commercial, Forested</td>
<td>2 Seawalls and a CMP pipe filled with sediment</td>
<td>Concrete weir with low flow orifice</td>
<td>CMP Riser pipe</td>
<td>Good</td>
<td>N/A</td>
<td>Access from McDonalds parking lot</td>
<td>None</td>
<td>N/A</td>
<td>Difficult</td>
<td>Moderate</td>
<td>Easy</td>
<td></td>
</tr>
<tr>
<td>BMP 558</td>
<td>5101 Mountville Rd Frederick MD 21703</td>
<td>39.3245715</td>
<td>77.4938888</td>
<td>Retention Pond</td>
<td>Commercial, Forested</td>
<td>All sheet flow.</td>
<td>Notched weir wall</td>
<td>In good shape, no ties</td>
<td>Riprap channel with minor vegetation</td>
<td>Moderate</td>
<td>Difficult</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td>Moderate</td>
<td>Easy</td>
<td></td>
</tr>
<tr>
<td>BMP 050</td>
<td>5390 Mountville Rd Frederick MD 21703</td>
<td>39.3225472</td>
<td>77.4904838</td>
<td>EDGW</td>
<td>Commercial, Industrial</td>
<td>Potentially Swalett in. No inflow pipe</td>
<td>Overgrown weat</td>
<td>Cannot be viewed</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Access via the nearby driveway.</td>
<td>None</td>
<td>N/A</td>
<td>Difficult</td>
<td>Moderate</td>
<td>Easy</td>
</tr>
<tr>
<td>BMP 630</td>
<td>4107 Hanford Pi Frederick MD 21703</td>
<td>39.3488743</td>
<td>77.4953759</td>
<td>Dry Pond</td>
<td>Agricultural, Forested</td>
<td>Sheet flow from parking lot. One small 6&quot; CMP downspout. Large ditch on eastern side. 2&quot; PVC downspout. Erosion at each inflow location</td>
<td>PVC low flow pipe, weir with not out for higher flows.</td>
<td>Riprap channel that dumps into woods.</td>
<td>Riprap channel into wooded area.</td>
<td>Moderate</td>
<td>Can be accessed through private parking lot.</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td>Easy</td>
<td>Easy</td>
<td></td>
</tr>
<tr>
<td>BMP 532</td>
<td>4800 Winchester Blvd Frederick MD 21703</td>
<td>39.3483614</td>
<td>77.5056004</td>
<td>Dry Pond</td>
<td>Commercial</td>
<td>One 6&quot; CMP downspout</td>
<td>Notched weir wall. No orifice plate</td>
<td>Riprap channel</td>
<td>Moderate</td>
<td>Extensive Water</td>
<td>Easy</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>Easy</td>
<td>Moderate</td>
</tr>
<tr>
<td>BMP 658</td>
<td>4751-4773 Winchester Blvd Frederick MD 21703</td>
<td>39.3733635</td>
<td>77.5039614</td>
<td>EDGW</td>
<td>Commercial, Residential</td>
<td>Good. 30&quot; CMP head wall. Riprap channel.</td>
<td>2 stage notch weir, no orifice plate</td>
<td>Good</td>
<td>N/A</td>
<td>Extensive Water</td>
<td>Access from Winchester Boulevard.</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td>Easy</td>
<td>Easy</td>
<td></td>
</tr>
<tr>
<td>BMP 658</td>
<td>4751-4773 Winchester Blvd Frederick MD 21703</td>
<td>39.3368215</td>
<td>77.5039062</td>
<td>EDGW</td>
<td>Commercial, Forested</td>
<td>Elliptical CMP and grass swale. Large Riprap channel into pond</td>
<td>Notched weir wall with perforated CMP low flow device.</td>
<td>Good</td>
<td>N/A</td>
<td>Extensive Water</td>
<td>Access from Winchester Blvd.</td>
<td>None</td>
<td>N/A</td>
<td>Difficult</td>
<td>Moderate</td>
<td>Easy</td>
<td></td>
</tr>
<tr>
<td>BMP 783</td>
<td>3200 Sunrise Ct Jefferson MD 21705</td>
<td>39.3123543</td>
<td>77.5593708</td>
<td>Dry Pond</td>
<td>Residential</td>
<td>3 ditch inflows</td>
<td>Concrete weir with low flow orifice</td>
<td>Spillway in good condition. Looks like 18&quot; CMP.</td>
<td>Some bare spots, otherwise good condition</td>
<td>Riprap channel with rusted out end section</td>
<td>Easy</td>
<td>Extensive access from Sunrise Drive. May need to be mindful of slopes.</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td>Moderate</td>
<td>Difficult</td>
</tr>
<tr>
<td>BMP 783</td>
<td>3200 Sunrise Ct Jefferson MD 21705</td>
<td>39.3128294</td>
<td>77.5572705</td>
<td>N/A</td>
<td>Residential, Forested</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Moderate</td>
<td>Access from Marriott</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td>Easy</td>
<td>Easy</td>
</tr>
<tr>
<td>BMP 784</td>
<td>3269 Sunrise Pi Jefferson MD 21705</td>
<td>39.3117685</td>
<td>77.5582494</td>
<td>Dry Pond</td>
<td>Residential, Forested</td>
<td>Good condition. 3 Swales.</td>
<td>Good condition, concrete weir with low flow pipe</td>
<td>Good, CMP in good condition</td>
<td>Minor erosion/low spots</td>
<td>Riprap channel into forest conservation area</td>
<td>Moderate</td>
<td>Very steep slopes</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td>Moderate</td>
<td>Easy</td>
</tr>
<tr>
<td>BMP 800</td>
<td>2175 Swan Lock Ct Point Of Rocks Md 21777</td>
<td>39.8452834</td>
<td>77.5311224</td>
<td>Residential</td>
<td>Sunken hole, 8&quot; RCP</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Extensive Water</td>
<td>Riprap channel into forest conservation area</td>
<td>Moderate</td>
<td>Very steep slopes</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td>Difficult</td>
</tr>
<tr>
<td>BMP 803</td>
<td>Sherwood Ct Frederick MD 21707</td>
<td>39.3432632</td>
<td>77.5001954</td>
<td>Wet Pond</td>
<td>Agricultural</td>
<td>Riprap channel in northern corner of pond, water flow running through channel at time of assessment.</td>
<td>Notched weir wall with a low flow channel</td>
<td>Good condition with even vegetation.</td>
<td>Erosion with even vegetation.</td>
<td>Outfalls directly into a stream channel, Stream channel stable and well vegetated.</td>
<td>Easy</td>
<td>Access through Carr property.</td>
<td>None</td>
<td>N/A</td>
<td>Difficult</td>
<td>Moderate</td>
<td>Easy</td>
</tr>
</tbody>
</table>
## Potomac Direct Watershed Assessment
### Appendix A - BMP Field Site Assessment Summary

<table>
<thead>
<tr>
<th>Site ID</th>
<th>Address</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Existing BMP Type</th>
<th>Adjacent Landuse</th>
<th>Inflow Conditions</th>
<th>Control Structure Conditions</th>
<th>Spillway Condition</th>
<th>Embankment Condition</th>
<th>Outfall Condition</th>
<th>Access</th>
<th>Access Notes</th>
<th>Utility Conflicts</th>
<th>Utility Types</th>
<th>Construct-ability</th>
<th>Additional Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMP 127</td>
<td>4905 Winchester Blvd Frederick MD 21703</td>
<td>39.34372086</td>
<td>-77.49805715</td>
<td>Wet Swale</td>
<td>Agricultural, Commercial</td>
<td>BMP pipe outfalling to a riprap channel coming from upstream commercial parking lot</td>
<td>N/A</td>
<td>Exuded channel</td>
<td>N/A</td>
<td>Outfalls to stable stream channel.</td>
<td>Easy</td>
<td>Small farm road between Carr property and commercial property. There is an access gate.</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
</tr>
<tr>
<td>CID 55</td>
<td>4905 Winchester Blvd Frederick MD 21703</td>
<td>39.34646336</td>
<td>-77.49830430</td>
<td>Dry Pond</td>
<td>Commercial, Open Space</td>
<td>2 6&quot; CPP downspouts. Good. Concrete weir with low flow pipe.</td>
<td>Good, no blockage</td>
<td>Well vegetated in good condition.</td>
<td>Vegetated channel-rip rap.</td>
<td>Access from Millard Plumbing/driver way/parking lot.</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMP 568</td>
<td>3302 Beutler Rd Frederick MD 21703</td>
<td>39.32498367</td>
<td>-77.51447336</td>
<td>Bioretention</td>
<td>Forested</td>
<td>No inflow found.</td>
<td>No control structure found.</td>
<td>No spillway found.</td>
<td>No visible embankment.</td>
<td>No outfall could be located.</td>
<td>Easy</td>
<td>roadside access from Beutler Rd.</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td></td>
</tr>
<tr>
<td>BMP 605</td>
<td>5515 Adamstown Rd Frederick MD 21703</td>
<td>39.32030317</td>
<td>-77.47344688</td>
<td>Shallow Wetland</td>
<td>Commercial, Open Space, Residential</td>
<td>3 stone jacketed 6&quot; PVC pipes</td>
<td>N/A</td>
<td>Two 48&quot; CPP pipes with a trash rack</td>
<td>Good well vegetated</td>
<td>Riprap channel outfalling to a culvert</td>
<td>Easy</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMP 607</td>
<td>4780 Winchester Blvd Frederick MD 21703</td>
<td>39.34700553</td>
<td>-77.50579864</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td>Sleep slopes</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td>Owner did not respond to mailing, removed from consideration.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CID 40</td>
<td>N/A</td>
<td>-77.52826533</td>
<td>-77.52826533</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CID 46</td>
<td>N/A</td>
<td>-77.48781652</td>
<td>-77.48781652</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CID 47</td>
<td>3099 Cornell Pl Frederick MD 21703</td>
<td>39.34134609</td>
<td>-77.50310909</td>
<td>None</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Easy</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td></td>
</tr>
<tr>
<td>CID 48</td>
<td>5105 Mountville Rd Frederick MD 21703</td>
<td>39.3391654</td>
<td>-77.49205361</td>
<td>None</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Moderate</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td></td>
</tr>
<tr>
<td>CID 49</td>
<td>2796–2802 Decatur Dr Adamstown MD 21710</td>
<td>39.30990699</td>
<td>-77.47030599</td>
<td>None</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Easy</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td></td>
</tr>
<tr>
<td>CID 50</td>
<td>N/A</td>
<td>-77.49828333</td>
<td>-77.49828333</td>
<td>None</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Easy</td>
<td>None</td>
<td>N/A</td>
<td>Moderate</td>
<td></td>
</tr>
<tr>
<td>BMP 857</td>
<td>5648 Mountville Rd Adamstown MD 21710</td>
<td>39.30595504</td>
<td>-77.47097346</td>
<td>Dry Pond</td>
<td>Residential</td>
<td>1.12&quot; CPP inflow, 2.18&quot; RCP headwalls. 3 L headwalls outfalling two elliptical RCPs into a large forebay</td>
<td>Notched weir wall with a PVC low flow device</td>
<td>Good</td>
<td>Good</td>
<td>Outfall for low flow could not be located, dense vegetation</td>
<td>Easy</td>
<td>None</td>
<td>N/A</td>
<td>Easy</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

FCA = Forest Conservation Area. SHA = State Highway Administration. SL = Sub. U/G = Underground. OH = Overhead
### Potomac Direct Watershed Assessment

### Appendix A - Stream Field Site Assessment Summary

<table>
<thead>
<tr>
<th>Site ID</th>
<th>Address</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Bank Erosion</th>
<th>Access</th>
<th>Utility Conflicts</th>
<th>Constructability</th>
<th>Public Visibility</th>
<th>Additional Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>POTD-131-R-2015</td>
<td>3888 Point of Rocks Rd</td>
<td>39.289164</td>
<td>-77.535042</td>
<td>High - low to moderate erosion downstream, severe entrenchment upstream</td>
<td>Moderate - close to main road, very steep banks</td>
<td>Overhead powerline conflicts</td>
<td>Difficult - road and steep mountain banks limit grading possibilities</td>
<td>High - alongside main road</td>
<td>Not recommended for restoration Difficult to cut down banks to create floodplain relief.</td>
</tr>
<tr>
<td>POTD-L33-R-2009</td>
<td>4501 E Basford Rd</td>
<td>39.309665</td>
<td>-77.507968</td>
<td>High - exposed raw banks and sharp meanders</td>
<td>Easy - farm fields and minimal riparian buffer</td>
<td>Two overhead powerline conflicts</td>
<td>Easy - minimal trees</td>
<td>Moderate - upstream end near road</td>
<td>Recommended for restoration</td>
</tr>
<tr>
<td>POTD-139-R-2010 &amp; POTD-132-R-2009 COMBINED</td>
<td>46541 Cap Stony Rd</td>
<td>39.347383</td>
<td>-77.471889</td>
<td>High - 3 to 10 foot high banks, heavy meanders</td>
<td>Easy - flat, would not disrupt traffic</td>
<td>Minor overhead powerline conflicts</td>
<td>Easy - limited trees</td>
<td>Moderate - visible at end of reach</td>
<td>Recommended for restoration Large wetland area at southern end of reach</td>
</tr>
<tr>
<td>POTD-2018-STRE-0001</td>
<td>698 Tritapoe Dr</td>
<td>39.319416</td>
<td>-77.648341</td>
<td>High - 2 to 4 foot actively eroding banks</td>
<td>Moderate - small yards, houses, and other infrastructure</td>
<td>Minor overhead powerline conflicts</td>
<td>Moderate - limited floodplain relief and buffer width</td>
<td>High - easy view from road</td>
<td>Recommended for restoration likely ineligible for TMDL credits due to size and condition</td>
</tr>
<tr>
<td>POTD-2018-STRE -0005 R1</td>
<td>1129 Brentland Rd</td>
<td>39.355445</td>
<td>-77.633366</td>
<td>High - 2 to 4 foot actively eroding banks</td>
<td>Easy - Flat, open, direct road</td>
<td>None visible</td>
<td>Moderate - limited floodplain relief and buffer width</td>
<td>Moderate - far from major road, visible from business driveway</td>
<td>Recommended for restoration Owner is not fond of current stream restoration on property</td>
</tr>
<tr>
<td>POTD-2018-STRE -0005 R2</td>
<td>1129 Brentland Rd</td>
<td>39.350791</td>
<td>-77.633570</td>
<td>Moderate - Some incised, some stable</td>
<td>Easy - Access through farm fields</td>
<td>None visible</td>
<td>Moderate - forested banks</td>
<td>Low - Off main road in forested area</td>
<td>Not recommended for restoration</td>
</tr>
<tr>
<td>POTD-205-R-2008</td>
<td>3937 Cap Stony Rd</td>
<td>39.341883</td>
<td>-77.492467</td>
<td>Low erosion upstream, moderate 1 to 2 foot banks downstream</td>
<td>Easy - open farm field and minimal buffer</td>
<td>None visible</td>
<td>Easy - minimal impact</td>
<td>Low - Off main road in agricultural area</td>
<td>Not recommended for restoration Stream was generally stable and did not require restoration</td>
</tr>
<tr>
<td>POTD-301-R-2013</td>
<td>5308 Doubt Rd</td>
<td>39.305842</td>
<td>-77.484048</td>
<td>High - 3 to 7 foot actively eroding banks</td>
<td>Easy - flat, open field with some small buffer</td>
<td>None visible</td>
<td>Easy - no major conflicts</td>
<td>Moderate - mostly on private property, upstream visible from road</td>
<td>Recommended for restoration Existing riparian buffer planted by CBF approx. 10 years ago</td>
</tr>
</tbody>
</table>

**Existing Conditions - Stream Sites**

**POTD-131-R-2015** 3888 Point of Rocks Rd Jefferson, MD
- High - low to moderate erosion downstream, severe entrenchment upstream
- Moderate - close to main road, very steep banks
- Overhead powerline conflicts and possible sewer conflict
- Difficult - road and steep mountain banks limit grading possibilities
- High - alongside main road

**POTD-L33-R-2009** 4501 E Basford Rd Frederick, MD
- High - exposed raw banks and sharp meanders
- Easy - farm fields and minimal riparian buffer
- Two overhead powerline conflicts
- Easy - minimal trees
- Moderate - upstream end near road

**POTD-139-R-2010 & POTD-132-R-2009 COMBINED** 46541 Cap Stony Rd Frederick, MD
- High - 3 to 10 foot high banks, heavy meanders
- Easy - flat, would not disrupt traffic
- Minor overhead powerline conflicts
- Easy - limited trees
- Moderate - visible at end of reach

**POTD-2018-STRE-0001** 698 Tritapoe Dr Knoxville, MD
- High - 2 to 4 foot actively eroding banks
- Moderate - small yards, houses, and other infrastructure
- Minor overhead powerline conflicts
- Moderate - limited floodplain relief and buffer width
- High - easy view from road

**POTD-2018-STRE -0005 R1** 1129 Brentland Rd Knoxville, MD
- High - 2 to 4 foot actively eroding banks
- Easy - Flat, open, direct road
- None visible
- Easy - potentially no wetlands
- Moderate - far from major road, visible from business driveway

**POTD-2018-STRE -0005 R2** 1129 Brentland Rd Knoxville, MD
- Moderate - Some incised, some stable
- Easy - Access through farm fields
- None visible
- Moderate - forested banks
- Low - Off main road in forested area

**POTD-205-R-2008** 3937 Cap Stony Rd Frederick, MD
- Low erosion upstream, moderate 1 to 2 foot banks downstream
- Easy - open farm field and minimal buffer
- None visible
- Easy - minimal impact
- Low - Off main road in agricultural area

**POTD-301-R-2013** 5308 Doubt Rd Adamstown, MD
- High - 3 to 7 foot actively eroding banks
- Easy - flat, open field with some small buffer
- None visible
- Easy - no major conflicts
- Moderate - mostly on private property, upstream visible from road

**Potomac Direct Watershed Assessment**

**Appendix A - Stream Field Site Assessment Summary**

**Site ID**
- POTD-131-R-2015
- POTD-L33-R-2009
- POTD-139-R-2010 & POTD-132-R-2009 COMBINED
- POTD-2018-STRE-0001
- POTD-2018-STRE -0005 R1
- POTD-2018-STRE -0005 R2
- POTD-205-R-2008
- POTD-301-R-2013

**Address**
- 3888 Point of Rocks Rd
- 4501 E Basford Rd
- 46541 Cap Stony Rd
- 698 Tritapoe Dr
- 1129 Brentland Rd
- 1129 Brentland Rd
- 3937 Cap Stony Rd
- 5308 Doubt Rd

**Latitude**
- 39.289164
- 39.309665
- 39.347383
- 39.319416
- 39.355445
- 39.350791
- 39.341883
- 39.305842

**Longitude**
- -77.535042
- -77.507968
- -77.471889
- -77.648341
- -77.633366
- -77.633570
- -77.492467
- -77.484048

**Bank Erosion**
- High - low to moderate erosion downstream, severe entrenchment upstream
- High - exposed raw banks and sharp meanders
- High - 3 to 10 foot high banks, heavy meanders
- High - 2 to 4 foot actively eroding banks
- Moderate - Some incised, some stable
- Low erosion upstream, moderate 1 to 2 foot banks downstream
- High - 3 to 7 foot actively eroding banks
- High - 2 to 4 foot actively eroding banks

**Access**
- Moderate - close to main road, very steep banks
- Easy - farm fields and minimal riparian buffer
- Easy - flat, would not disrupt traffic
- Moderate - small yards, houses, and other infrastructure
- Easy - Access through farm fields
- Low erosion upstream, moderate 1 to 2 foot banks downstream
- Easy - flat, open field with some small buffer
- Easy - Flat, open, direct road

**Utility Conflicts**
- Overhead powerline conflicts and possible sewer conflict
- Two overhead powerline conflicts
- Minor overhead powerline conflicts
- Moderate - limited floodplain relief and buffer width
- None visible
- Easy - open farm field and minimal buffer
- None visible
- Moderate - forested banks

**Constructability**
- Difficult - road and steep mountain banks limit grading possibilities
- Easy - minimal trees
- Moderate - limited floodplain relief and buffer width
- Low - Off main road in forested area
- Easy - minimal impact
- Moderate - forested banks
- None visible
- Easy - no major conflicts
- Moderate - mostly on private property, upstream visible from road

**Public Visibility**
- High - alongside main road
- Moderate - upstream end near road
- Moderate - visible at end of reach
- Moderate - far from major road, visible from business driveway
- Low - Off main road in forested area
- Low - Off main road in agricultural area
- None visible
- Moderate - visible at end of reach

**Additional Comments**
- Not recommended for restoration Difficult to cut down banks to create floodplain relief.
- Recommended for restoration
- Recommended for restoration Large wetland area at southern end of reach
- Recommended for restoration likely ineligible for TMDL credits due to size and condition
- Owner is not fond of current stream restoration on property
- Not recommended for restoration
- Not recommended for restoration Stream was generally stable and did not require restoration
- Recommended for restoration Existing riparian buffer planted by CBF approx. 10 years ago