

Appendix D

Stream Inventory Field Notes

Watershed Assessment Survey: GPS/Photo Points

Stream: Sawkill Creek
Location: Town of Woodstock
County: Ulster
Equipment: Trimble Pro XR

Date: 12/03/05
Team/Task: DD/notes, JB/GPS
GPS File #:
Weather: Clear & Cold

| Point | Photo # | LB/RB | UP/Down | Notes: |
|-------|---------|-------|---------|---|
| 1001 | 1 | ---- | UP | (Bridge) @ McDaniels Rd - (STC) Start B2 |
| 1002 | 2, 3 | LB | UP, DS | (Trib) small tributary from culvert under McDaniels Rd., Photo of Sawkill |
| 1003 | 4 | LB | DS | (Exposed Bank) 30ft small planar slide |
| 1004 | 5 | ---- | DS | Headcut |
| 1005 | 6 | RB | DS | (Exposed Bank) *ADJUST LINE TO RIGHT BANK |
| 1006 | 7 | ---- | DS | (STC) start Rosgen C3 |
| 1007 | 8 | LB | DS | (Exposed Bank) 14' high |
| 1008 | 9, 10 | RB | DS | (PG) upstream end of channel cutoff (dry @ baseflow - flow near 1/2 BF) |
| 1009 | 11 | RB | DS | (PG) downstream end of channel cutoff |
| 1010 | 12 | RB | DS | (Exposed Bank) minor bank scour, 6ft high |
| 1011 | 13 | RB | DS | (PG) channel cutoff top (dry @ baseflow - flow near 1/2 BF) |
| 1012 | 14, 15 | ---- | DS | (MIP) concrete dam/weir structure |
| 1013 | ---- | ---- | UP | (STC) start Rosgen F3 |
| 1014 | 16 | LB | DS | Bedrock channel bottom |
| 1015 | 17 | RB | UP | (PG) channel cutoff bottom (dry @ baseflow - flow near 1/2 BF) |
| 1016 | 18 | RB | UP | (TRIB) small tributary |
| 1017 | 19, 20 | | DS, US | (Bridge) on Rt. 212 |

Watershed Assessment Survey: GPS/Photo Points

Stream: Sawkill Creek
Location: Town of Woodstock
County: Ulster
Equipment: Trimble Pro XR

Date: 12/04/05
Team/Task: DD/notes, JB/GPS
GPS File #: R120413A
Weather: Clear & Cold

| Point | Photo # | LB/RB | UP/Down | Notes: |
|-------|---------|-------|---------|---|
| 1050 | 1 | LB | DS | (MIL) berm - old sidecast material |
| 1051 | 3 | RB | UP | (STC) start Rosgen B |
| 1052 | 2 | ---- | DS | (Exposed Bank) 7ft high |
| 1053 | ---- | LB | ---- | (MIL) berm - old sidecast material |
| 1054 | 4 | RB | DS | (Exposed Bank) 5ft high |
| 1055 | 5 | ---- | UP | center bar, small |
| 1056 | 6 | RB | DS | (MIL) berm - old sidecast material |
| 1057 | 7 | RB | DS | Riprap - *extends 20' under bridge |
| 1058 | 8 | ---- | DS | (Bridge) @ RT 212, BIN #1041050 |
| 1059 | 7, 8 | LB | DS | Riprap |
| 1060 | 9 | LB | DS | Riprap |
| 1061 | 10 | LB | DS | (Exposed Bank) minor scour 5ft high |
| 1062 | 11, 12 | RB | UP | (MIL) berm - old sidecast material |
| 1063 | 13 | RB | DS | (Exposed Bank) minor scour |
| 1064 | 14, 16 | LB | DS | (Exposed Bank) planar failure, 40' at highest point, 20' average height |
| 1065 | 15 | RB | DS | (MIL) berm - old sidecast material across channel from erosion |
| 1066 | 17 | RB | DS | (MIL) berm - old sidecast material |
| 1067 | 18 | ---- | DS | (STC) start Rosgen F3 |
| 1068 | 19 | RB | UP | (CULVERT) stormwater outfall |
| 1069 | 20 | ---- | UP | (MIP) concrete dam/weir structure |
| 1070 | 21 | LB | DS | (Riprap) stacked rock wall |
| 1071 | 22 | LB | ---- | (CULVERT) stormwater outfall |
| 1072 | ---- | LB | DS | (Riprap) stacked |
| 1073 | 23, 24 | LB | DS, US | (MIL) berm - old sidecast material, then newer berm 20' top width |
| 1074 | 25, 26 | LB | DS | (MIL) berm - old sidecast material |
| 1075 | 27 | ---- | DS | (STC) start Rosgen C |
| 1076 | 28 | ---- | DS | (Channel Bottom) aggradation, center gravel bar |
| 1077 | 29 | LB | DS | (MIP) dumped piles of gravel/cobble |
| 1078 | 30, 31 | LB | DS | (Exposed Bank) |
| 1079 | 32 | ---- | US | (Camera Point) upstream at deposition and erosion |
| 1080 | 33 | ---- | DS | (Channel Bottom) deposition upstream of bridge |
| 1081 | 34 | LB | DS | (Riprap) stacked rock wall upstream of bridge |
| 1082 | 33, 35 | ---- | DS, @ | (Bridge) @ Yerry Hill Rd |
| 1082 | 36, 37 | ---- | US, DS | (Bridge) @ Yerry Hill Rd |
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Watershed Assessment Survey: GPS/Photo Points

Stream: Sawkill Creek
Location: Town of Woodstock
County: Ulster
Equipment: Trimble Pro XR

Date: 12/04/05
Team/Task: DD/notes, JB/GPS, JD/GPS
GPS File #:
Weather: Clear & Cold

| Point | Photo # | LB/RB | UP/Down | Notes: |
|-------|---------|-------|---------|---|
| 0074 | 175 | RB | DS | (MIL) berm - old sidecast material, good vegetation |
| 0075 | 176 | RB | US | (TRIB) tributary, medium size, emerges between two old berms |
| 0076 | 177 | RB | DS | (MIL) berm - old sidecast material, good vegetation |
| 0077 | 178 | RB | DS | (DEBRIS) several deposits of medium sized debris on low gravel bar |
| 0078 | 178 | ---- | DS | (Channel Bottom) aggradation, several center bars, over wide, woody debris |
| 0079 | 179 | RB | DS | (Exposed Bank) erosion along terrace, heavy debris intro, 6' high undercut |
| 0080 | 180 | RB | US | (TRIB) tributary, low gradient, well connected, stable |
| 0081 | 181 | RB | DS | (MIL) berm - old sidecast material, good vegetation |
| 0082 | ? | LB | DS | (MIL) berm - old sidecast material, good vegetation |
| 0083 | ? | LB | DS | (MIL) berm - old sidecast material, good vegetation |
| 0084 | 182 | RB | DS | (MIL) berm - old sidecast material, good vegetation |
| 0085 | 4470 | LB | DS | (MIL) berm - old sidecast material, good vegetation |
| 0086 | 4471 | ---- | DS | (DEBRIS) debris jam, blocks entire channel, *(STC) Rosgen D-type |
| 0087 | ? | LB | DS | (MIL) berm - old sidecast material, good vegetation |
| 0088 | 4472 | LB | | (Exposed Bank) |
| 0089 | 184 | LB | | (Exposed Bank) eroded flood terrace, 4' high |
| 0090 | 4473 | RB | DS | (TRIB) tributary |
| 0091 | 4474 | RB | DS | (MIL) riprap, stacked |
| 0092 | 4475 | RB | DS | (MIL) berm - old sidecast material, good vegetation |
| 0093 | 185 | LB | DS | (Exposed Bank) eroded flood terrace, 5' high, some large debris |
| 0094 | 186 | LB | DS | (DEBRIS) debris jam, medium size trees |
| 0095 | 4476 | LB | DS | (Exposed Bank) |
| 0096 | 189 | LB | | (TRIB) tributary |
| 0097 | 188 | LB | | (Exposed Bank) eroded flood terrace, 6' high |
| 0098 | 190 | LB | | (Exposed Bank) eroded flood terrace, 7' high |
| 0099 | 187 | ---- | | (DEBRIS) debris jam, large trees, spans entire channel |
| 0100 | 4477 | RB | DS | (Exposed Bank) |
| 0101 | 191 | LB | DS | (DEBRIS) |
| 0102 | 4478 | ---- | DS, DS | (Channel Bottom) small central bar, over wide |
| 0103 | 4480 | RB | DS | (DEBRIS) debris in center of channel and along right bank, large trees |
| 0104 | 4481 | LB | DS | (Exposed Bank) |
| 0105 | 4482 | LB | DS | (Debris) debris along left bank - large woody material |
| 0106 | 4483 | RB | DS | (Exposed Bank) minor undercut low bank |
| 0107 | 4484 | ---- | DS | (STC) Rosgen C |
| 0108 | 4485 | LB | DS | (Exposed Bank) minor mostly scour |
| 0109 | 4486 | RB | US | (Debris) debris along right bank & center of channel - large woody material |
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Watershed Assessment Survey: GPS/Photo Points

Stream: Sawkill Creek
Location: Town of Woodstock
County: Ulster
Equipment: Trimble Pro XR

Date: 12/04/05
Team/Task: DD/notes, JB/GPS, JD/GPS
GPS File #:
Weather: Clear & Cold

| Point | Photo # | LB/RB | UP/Down | Notes: |
|-------|---------|-------|---------|---|
| 0110 | 4487 | RB | DS | (Exposed Bank) minor erosion mostly scour |
| 0111 | 4488 | ---- | DS | (Debris) debris jam, large woody material, spans entire channel ~6ft high |
| 0111 | 4490 | RB | ---- | (Debris) debris jam, large woody material, spans entire channel ~6ft high |
| 0112 | 4489 | LB | DS | (Exposed Bank) |
| 0113 | 4491 | RB | DS | (Exposed Bank) minor scour w/ good rooted vegetation |
| 0114 | ---- | LB | ---- | (Debris) small debris pile on left bank, large material |
| 0115 | 4492 | LB | DS | (MIL) berm, old sidecast material |
| 0116 | ---- | RB | ---- | (TRIB) small tributary |
| 0117 | 4493 | ---- | DS | (Debris) debris jam |
| 0118 | 192 | RB | DS | (Debris) large woody material on right bank |
| 0119 | 193 | LB | DS | (Exposed Bank) |
| 0120 | 194 | LB | DS | (Debris) in center of channel, large woody material |
| 0121 | 195 | RB | DS | (TRIB) small tributary |
| 0122 | 196 | LB | DS | (Exposed Bank) erosion on high bank |
| 0123 | 197 | LB | DS | (Exposed Bank) erosion on low bank |
| 0124 | 198 | LB | DS | (CLAY) lodgement tills exposed along undercut bank |
| 0125 | 199 | LB | DS | (Exposed Bank) minor scour along low bank - good rooted vegetation |
| 0126 | 200 | RB | DS | (TRIB) small tributary |
| 0127 | 201 | RB | DS | (MIL) berm, old sidecast material with some old dumped garbage |
| 0126 | 202 | ---- | DS | (STC) Rosgen B4, stable |
| 0127 | 203 | ---- | DS | (PT GEN) Bedrock - small waterfall (start bedrock channel) |
| 0128 | 204 | RB | US | (TRIB) small tributary enters over dam/weir behind residence |
| 0129 | 205 | RB | DS | (PT GEN) stone retaining wall and dam/weir structure |
| 0130 | 206 | ---- | DS | (PT GEN) Bedrock, Rosgen B |
| 0131 | 207 | ---- | US | (PT GEN) Bedrock waterfall |
| 0132 | 208 | ---- | DS | (PT GEN) photo point near bottom of bedrock channel |
| 0133 | 209 | ---- | US | (PT GEN) Bedrock (end bedrock channel) |
| 0134 | 210 | ---- | DS | (PT GEN) Bedrock |
| 0135 | ---- | RB | US | (TRIB) small tributary |
| 0136 | 211 | LB | DS | (Exposed Bank) minor scour under vegetation |
| 0137 | 212 | RB | US | (TRIB) small tributary |
| 0138 | 213 | ---- | DS | Start bedrock line |
| 0139 | 214 | LB | DS | (PT GEN) Bedrock waterfall |
| 0140 | 215 | RB | DS | (MIL) stacked large concrete block wall on top of bedrock |
| 0141 | 216 | LB | US | (MIL) stacked rock wall on top of bedrock |
| 0142 | 217 | ---- | DS | (Bridge) Tannery Brook Road (RT 41) |
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Watershed Assessment Survey: GPS/Photo Points

Stream: Sawkill Creek
Location: Town of Woodstock
County: Ulster
Equipment: Trimble Pro XR

Date: 12/05/05
Team/Task: DD/notes, JB/GPS
GPS File #: R120512a
Weather: Clear & Cold

| Point | Photo # | LB/RB | UP/Down | Notes: |
|-------|------------|-------|---------|---|
| 0143 | 4494 | ---- | DS | (STC) Rosgen B4 |
| 0144 | 4495 | LB | DS | (Exposed Bank) minor erosion, 6ft tall - scour under vegetation |
| 0145 | 4496 | ---- | DS | (PT GEN) Bedrock |
| 0146 | 4497 | RB | DS | (MIL) concrete block (large) retaining wall on bedrock |
| 0147 | 4498 | LB | US | (TRIB) Tributary |
| 0148 | 4499 | ---- | DS | (PT GEN) Bedrock |
| 0149 | 4500 | RB | DS | (MIL) log cribbing |
| 0150 | 4501 | RB | DS | (MIL) concrete and stone wall retaining structure |
| 0151 | 4502 | RB | DS | (Exposed Bank) scour between retaining walls |
| 0152 | 4503 | RB | DS | (MIL) Sone retaining wall (stone w/ mortor) |
| 0153 | 4504 | ---- | US | (PT GEN) Bedrock waterfall |
| 0154 | 4505 | LB | DS | (Exposed Bank) minoir scour with undercut vegetation |
| 0155 | 4506 | LB | DS | (MIL) concrete block retaining wall |
| 0156 | 4507 | LB | DS | (MIL) log cribbing & stacked rock wall |
| 0157 | 4508 | LB | US | (TRIB)tributary |
| 0158 | 4509, 4510 | LB | DS | (MIL) stacked rock wall |
| 0159 | 4511 | LB | US | (MIL) stacked rock wall |
| 0160 | 4513 | ---- | US | (BRIDGE) Bridge on Rt 375 |
| 0161 | 4512 | RB | US | (TRIB) Tributary |
| 0162 | 4514 | ---- | DS | (STC) Rosgen F4 |
| 0165 | 4514 | ---- | DS | (BRIDGE) Golfcart access to golf course & pipleline |
| 0163 | 4515 | RB | ---- | (CULVERT) Stormwater outfall w/riprap |
| 0164 | 4516 | LB | US | (MIL) Concrete retaining wall @ top of bank |
| 0166 | 4517 | LB | US | (MIL) concrete retaining wall |
| 0167 | 4517 | ---- | US | (MIP) concrete dam/weir *Add point to GIS |
| 0167 | 4518 | LB | US | (MIL) stacked rock wall |
| 0168 | 4519 | ---- | DS | (BRIDGE) Golfcart access to golf course |
| 0169 | 4519 | ---- | DS | (PT GEN) Bedrock |
| 0170 | 4519 | ---- | DS | (STC) Rosgen B4 |
| 0171 | 4520 | RB | DS | (MIL) log cribbing wall |
| 0172 | 4521 | RB | DS | (MIL) log cribbing wall |
| 0173 | 4522 | ---- | US | (PT GEN) Bedrock |
| 0174 | 4523 | RB | US | (TRIB) Tributary, small some scour at outfall |
| 0175 | 4525 | RB | DS | (Exposed Bank) minoir scour with undercut vegetation |
| 0176 | 4526 | ---- | US | (TRIB) Tributary, small |
| 0177 | 4527 | ---- | DS | (PT GEN) Bedrock |
| 0178 | 4527 | ---- | DS | (Bridge) Chestnut Hill Rd., BIN #2224830 |
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Watershed Assessment Survey: GPS/Photo Points

Stream: Sawkill Creek
Location: Town of Kingston
County: Ulster
Equipment: Trimble Pro XR

Date: 12/31/05
Team/Task: DD/notes, MM/GPS
GPS File #: R123113a
Weather: Cloudy & Cold

| Point | Photo # | LB/RB | UP/Down | Notes: |
|-------|---------------|--------|---------|---|
| 2025 | 100-0027 | RB | US | (TRIB) through 4ft metal culvert under Sawkill Rd |
| 2026 | 100-0028 | RB | US | (CULVERT) ~30" CM stormwater outfall |
| 2027 | 100-0029 | LB | US | (LINE GEN) Bedrock on left bank (OFFSET TO LB) |
| 2028 | 100-0030, 31 | LB, RB | ---- | (MIP) Old bridge abutements, both banks, stacked rock and concrete |
| 2029 | 100-0032 | RB | DS | (MIL) Stacked rock wall, ~20ft from REW, 3ft tall |
| 2030 | 100-0085 | LB | DS | (CULVERT) 2 outfalls, 18" CM, 12" CM |
| 2031 | 100-0033 | RB | US | (MIL) Stacked rock wall, ~20ft from REW, 3ft tall |
| 2032 | 100-0034 | ---- | DS | (STC) Start Rosgen C-type |
| 2033 | 100-0035 | ---- | DS | (PT GEN) Mid-channel bar, overwidened, active flow in both, good veg |
| 2034 | 100-0036 | RB | DS | (Exposed Bank) 4ft scour, good vegetation, some trees falling into channel |
| 2035 | 100-0037 | RB | US | (TRIB) small, stable, some scour at outfall |
| 2036 | 100-0038, 039 | ---- | US, DS | (PHOTO) stream channel breaks to overflow channel |
| 2037 | 100-0040 | LB | ---- | (CULVERT) 4 small outfalls, all 4" drainage outfalls, exposed |
| 2038 | 100-0041, 042 | LB | DS | (Exposed Bank) 5ft tall, several isolated debris blockages in floodplain |
| 2039 | 100-0043 | RB | ---- | (PT GEN) Knotweed on upper right bank, 1 local colony, 50'x20' OFFSET TO |
| 2040 | 100-0044 | ---- | DS | (LINE GEN) Bedrock channel w/small waterfalls |
| 2041 | 100-0045 | LB | DS | (MIL) Stacked rock wall, ~15ft from REW, 4ft tall, no obvious impact |
| 2042 | 100-0046 | LB | US | (TRIB) small, stable |
| 2043 | 100-0047 | ---- | DS | (STC) Start Rosgen B4-type (END BEDROCK BOTTOM) |
| 2044 | 100-0047 | LB | ---- | (LINE GEN) Bedrock on LB |
| 2045 | 100-0048 | RB | US | (TRIB) small, stable, (OFFSET TO RB 100ft) |
| 2046 | 100-0049 | ---- | US | (PT GEN) Bedrock waterfall |
| 2047 | 100-0050 | LB | US | (LINE GEN) Bedrock on LB |
| 2048 | 100-0051 | ---- | US | (PT GEN) Bedrock waterfall, bedrock channel bottom |
| 2049 | 100-0052 | ---- | DS | (LINE GEN) Bedrock on channel bottom and banks |
| 2050 | 100-0052, 054 | ---- | DS | (STC) Start Rosgen F-type |
| 2051 | 100-0053 | RB | US | (CULVERT) outfall from Sawkill Rd drainage |
| 2052 | 100-0054 | ---- | DS | (STC) Start Rosgen G-type (possible F if W/d >12) |
| 2053 | 100-0054 | ---- | DS | (LINE GEN) Bedrock on both banks |
| 2054 | 100-0055 | LB | US | (TRIB) small, stable |
| 2055 | 100-0056 | ---- | DS | (STC) Start Rosgen F4-type |
| 2056 | ---- | LB | US | (TRIB) small, stable |
| 2057 | 100-0057 | RB | US | (TRIB) small, stable (OFSET POINT 50ft TO RB) |
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