
Nichol Run - Pond Branch Project List

(Sorted by Project Plan)

10yr - Project Plan

Plan Rank: 01

NI9119

NI9119A	NI-NI-0015	Retrofit existing dry pond to enhanced extended detention dry pond
NI9119B	NI-NI-0015	Repair eroded banks and restore riparian buffers

Plan Rank: 02

PN9127

PN9127A	PN-CL-0006	Retrofit Dry Pond 0892DP to enhanced extended detention dry ponds
PN9127B	PN-CL-0006	Retrofit Dry Pond 0086DP to enhanced extended detention dry ponds
PN9127C	PN-CL-0006	Create rg in depression w/ inlet east of 0086DP and daylight pipe into pasture
PN9127D	PN-CL-0006	Swale into 0892DP, potential for small wetland @ outfall

Plan Rank: 03

PN9108

PN9108A	PN-MR-0008	New bioretention/rain garden or wetland adjacent to driveway @ 600 Deerfield Pond Ct
PN9108B	PN-MR-0008	Remove riprap & create infiltration trench/veg. swale @ 601 Deerfield Pond Ct
PN9108C	PN-MR-0008	New SWM pond in large clearing @ 601 Deerfield Pond Ct

Plan Rank: 04

PN9116

PN9116A	PN-PN-0004	Retrofit Farm pond to wet pond or wetland, install outlet structure to regulate water level
PN9116B	PN-PN-0004	ProRata project, raise road bed @ Beech Mill Rd & increase culvert size at Field Recon site PN-PN-0004-C02 & C03. Stabilize streambanks u/s & d/s of culverts.
PN9116C	PN-PN-0004	ProRata project, raise road bed @ Beech Mill Rd & increase culvert size at Field Recon site PN-PN-0004-C02 & C03. Stabilize streambanks u/s & d/s of culverts.

Plan Rank: 05

PN9111

PN9111A	PN-MR-0008	create wetland/rg upstream of road culvert (Innsbruck Av)
PN9111B	PN-MR-0008	Repair eroded stream banks
PN9111C	PN-MR-0008	Dredge ex. SW pond and add OS for increased capacity
PN9111D	PN-MR-0008	create small wetland/rg between road culvert & earthen berm w/ culvert

10yr - Project Plan

Plan Rank: 06**PN9117**

PN9117A	PN-MR-0005	Daylight pipe, install vegetated swale to new SW Pond w/ OS off Lagovist Ct
PN9117B	PN-MR-0005	Existing natural pond can be expanded to capture outfalls fr McNalane Ct, drainage area approx 4.81 acres, remove conc TD, install OS

Plan Rank: 07**PN9113**

PN9113	PN-MR-0006	New SW pond in forested area off private drive fr Innsbruck Ave, drainage are approx. 7.03 acres
--------	------------	--

Plan Rank: 08**PN9109**

PN9109A	PN-MR-0008	Retrofit OS to lower pond for additional storage and allow edges to naturalize
PN9109B	PN-MR-0008	Reroute upstream driveway runoff to pond & repair erosion
PN9109C	PN-MR-0008	Create rg @ inlet on corner of Deerfield Pond Dr & Deerfield Pond Ct and allow area to naturalize
PN9109D	PN-MR-0008	Create wetland/micropool by expanding wetland vegetation & installing OS @ culvert

PN9118

PN9118	PN-MR-0005	Repair spillway, install outlet structure and increase pond capacity, repair damage to River Bend Road d/s of pond
--------	------------	--

Plan Rank: 10**PN9104**

PN9104A	PN-CL-0003	Retrofit Dry Pond 0649DP to enhanced extended detention dry pond, regrade to create larger pond, install proper OS
PN9104B	PN-CL-0003	Remove TD along Golden Woods Ct & create naturalized swale, direct drainage to DP 0649DP

PN9122

PN9122A	PN-MR-0003	Retrofit farm pond to wet pond or wetland
PN9122B	PN-MR-0003	Stabilize and restore erosion impacts @ SPA points PNMR5-2-E3 to E6.

Plan Rank: 12**NI9113**

NI9113A	NI-JB-0004	Micropool or wetland upstream of culvert @ Beach Mill Rd
NI9113B	NI-JB-0004	New dry pond or wetland to help control flow and dissipate energy

10yr - Project Plan

Plan Rank: 13**NI9111**

NI9111	NI-NI-0014	Retrofit ex. dry pond to enhanced extended detention dry pond, remove concrete T.D. & naturalize basin btm., remove obstructions @ O.S & naturalize swales to basin
--------	------------	---

PN9112

PN9112A	PN-MR-0007	Ex. farm pond can be enlarged for addtl storage
PN9112B	PN-MR-0007	New SW pond can be placed in pasture to capture runoff off steep slope

Plan Rank: 15**PN9101**

PN9101	PN-CL-0003	New SW pond to capture drainage fr Eaton Ct & Eaton Park Rd. drainage area approx. 15.3 acres
--------	------------	---

Plan Rank: 16**PN9110**

PN9110A	PN-MR-0008	Renovations at Great Falls E.S. - good opportunity to incorporate det/infil. basin w/ new athletic fields, good opportunity for educational programs
PN9110B	PN-MR-0008	Renovations at Great Falls E.S. - BMPs could be incorporated with or post construction, good opportunity for educational programs

Plan Rank: 17**NI9118**

NI9118A	NI-NI-0015	Retrofit ex. dry pond to enhanced extended detention dry pond, remove conc. TD, naturalize basin btm
NI9118B	NI-NI-0015	break up concrete swales & vegetate
NI9118C	NI-NI-0015	break up concrete swales & vegetate
NI9118D	NI-NI-0015	break up concrete swales & vegetate

NI9202

NI9202A	NI-NI-0015	Repair & stabilize severe 10-15' bank erosion d/s of culvert
NI9202B	NI-NI-0015	Replace driveway bridge @ 732 Springvale Rd, plant riparian buffer & linear rain gardens, repair & stabilize severe erosion d/s of bridge

10yr - Project Plan

Plan Rank: 19**PN9103**

PN9103A	PN-CL-0003	Intercept and repair damage from overland flow along fence-line, terraced rain gardens on steeper slopes
PN9103B	PN-CL-0003	Remove debris jam at headcut in stream and reinforce/stabilize toe
PN9103C	PN-CL-0003	New SWM wetland or naturalized ext. det. pond in open area

PN9120

PN9120A	PN-MR-0004	Retrofit non-stormwater pond to wet pond or wetland
PN9120B	PN-MR-0004	Retrofit non-stormwater pond to wet pond or wetland

PN9123

PN9123	PN-PN-0003	Retrofit Farm pond to wet pond or wetland, install outlet structure to regulate water level
--------	------------	---

Plan Rank: 22**PN9105**

PN9105A	PN-CL-0003	Install RG @ inlet in lot at the corner of Morrison La & River Bend Rd.
PN9105B	PN-CL-0003	Retrofit dry pond to enhanced ED basin, remove conc. TD, retrofit outlet structure for increased storage
PN9105C	PN-CL-0003	Install RG @ inlet at end of cul-de-sac on Morrison La

PN9119

PN9119	PN-MR-0004	Retrofit Dry Pond 1443DP to enhanced extended detention dry pond
--------	------------	--

Plan Rank: 24**PN9100**

PN9100A	PN-CL-0004	Naturalize swale to inlet @ western corner of Neuse Wy & Chesapeake Dr
PN9100B	PN-CL-0004	Install new SW pond in east corner of Neuse Wy & Chesapeake Dr. (4.44 ac)
PN9100C	PN-CL-0004	Naturalize existing grass swales North of Neuse WY

Plan Rank: 25**NI9401**

NI9401	NI-NI-0009	Create wetland/micropool upstream of culvert w/ OS, encourage wetland veg. growth ;
--------	------------	---

Plan Rank: 26**NI9114**

NI9114	NI-NI-0011	Encourage emerging wetlands growth d/s of culvert, improve wetlands to create higher quality wetlands w/ OS, drainage area approx 30 acres
--------	------------	--

PN9124

PN9124	PN-MR-0001	Retrofit farm pond to wet pond or wetland
--------	------------	---

10yr - Project Plan

Plan Rank: 28**PN9126**

PN9126	PN-CL-0008	Retrofit farm pond to wet pond/micro-pool/wetland in conjunction w/ culvert retrofit @ Walker Rd to capture & treat runoff fr Squires Tr & Walker Rd
--------	------------	--

Plan Rank: 29**NI9106**

NI9106A	NI-NI-0009	Install proper outlet structure in pond, expand wetland plantings to pond edges
NI9106B	NI-NI-0009	Remove blockages if any and install proper outlet structures in both ponds, increase wetland vegetation along side slopes
NI9106C	NI-NI-0009	Naturalize ex. swales and direct flow to ponds, install rain garden at culvert pipe
NI9106D	NI-NI-0009	Naturalize ex. swales and direct flow to ponds, install rain garden at culvert pipe

Plan Rank: 30**NI9101**

NI9101	NI-NI-0002	Improve existing WP0200 by installing OS to increase capacity, repair overflow spillway to prevent breach and sediment washing into d/s pond/lake, vegetate sides & improve wetlands
--------	------------	--

Plan Rank: 31**NI9112**

NI9112	NI-JB-0003	New pond for storage and water quality
--------	------------	--

PN9114

PN9114A	PN-MR-0006	create new veg swale to capture runoff fr Arnon chapel & Arnon Ridge, direct to dp & naturalize adj. grass swales & Retrofit Dry Pond 0182DP to enhanced ED basin; @ Remove conc. ditches & naturali
PN9114B	PN-MR-0006	create new veg swale to capture runoff fr Arnon chapel & Arnon Ridge, direct to dp & naturalize adj. grass swales & Retrofit Dry Pond 0182DP to enhanced ED basin; @ Remove conc. ditches & naturali
PN9114C	PN-MR-0006	create new veg swale to capture runoff fr Arnon chapel & Arnon Ridge, direct to dp & naturalize adj. grass swales & Retrofit Dry Pond 0182DP to enhanced ED basin; @ Remove conc. ditches & naturali

PN9125

PN9125A	PN-CL-0009	ProRata project Map No. PN411, raise road bed @ Walker Rd and increase culvert size, stabilize streambanks downstream
PN9125B	PN-CL-0009	Retrofit farm pond u/s of Walker Lake to wet pond or wetland, add outlet structure & wetland plantings

10yr - Project Plan

Plan Rank: 34

PN9121

PN9121A	PN-MR-0004	Retrofit farm pond to wet pond or wetland, add outlet structures, encourage wetland growth, potential for more capacity
PN9121B	PN-MR-0004	Retrofit farm pond to wet pond or wetland, add outlet structures, encourage wetland growth, potential for increased capacity

PN9406

PN9406A	PN-CL-0004	Retrofit culvert @ 9513 Beach Mill w/ control structure, potential to create wetland or micropool u/s of culvert, repair and stabilize erosion.
PN9406B	PN-CL-0004	Raise road bed @ driveway culvert off 9499 Beach Mill Rd & increase size or elevation, stabilize and restore eroded areas u/s & d/s of culvert, potential for small pond or micropool w/ OS

25yr - Project Plan

Plan Rank: 36**PN9107**

PN9107	PN-PO-0006	Retrofit Dry Pond DP0245 to enhanced extended detention dry pond
--------	------------	--

Plan Rank: 37**NI9102**

NI9102	NI-NI-0002	Retrofit ex. farm pond to wet pond/wetland, install OS & drain if possible; check integrity of dam for seepage/breach & repair; repair d/s erosion impacts
--------	------------	--

Plan Rank: 38**PN9102**

PN9102	PN-CL-0003	Retrofit farm pond to wet pond or wetland
--------	------------	---

Plan Rank: 39**NI9108**

NI9108	NI-NI-0010	New pond for flood control, drainage area approx 16 acres
--------	------------	---

Plan Rank: 40**PN9500**

PN9500	PN-PO-0007	New rain garden and infiltration trench in parking lot island
--------	------------	---

Plan Rank: 41**PN9400**

PN9400	PN-CL-0002	Retrofit culvert @ Potomac Forest Dr w/ control structure & create micro-pool/wet pond/wetland.
--------	------------	---

Plan Rank: 42**NI9120**

NI9120A	NI-NI-0016	Retrofit ex. dry pond to enhanced extended detention dry pond, naturalize basin btm
NI9120B	NI-NI-0016	Naturalize swale to basin

Plan Rank: 43**NI9116**

NI9116	NI-NI-0016	Retrofit ex. dry pond to enhanced extended detention dry pond, some room to enlarge pond for addtl. capacity
--------	------------	--

PN9106

PN9106	PN-PO-0006	Retrofit Dry Pond 1197DP to enhanced extended detention dry pond
--------	------------	--

25yr - Project Plan

Plan Rank: 45**NI9107**

NI9107	NI-JB-0003	Improve existing farm pond with storage/bioretenion, add outlet structure
--------	------------	---

NI9110

NI9110	NI-NI-0013	Install OS & improve drainage into micropools, stabilize erosion impacts d/s, repair eroded gravel drives
--------	------------	---

Plan Rank: 47**PN9405**

PN9405	PN-CL-0008	Room for SW pond upstream or micropool/wetland complex, repair erosion on all banks.
--------	------------	--

Plan Rank: 48**NI9103**

NI9103	NI-NI-0002	Improve existing wet pond with more storage, outlet structure or bioretention
--------	------------	---

Plan Rank: 49**PN9402**

PN9402A	PN-CL-0001	Repair stream @ tight bend where road flooding occurs
PN9402B	PN-CL-0001	Retrofit & repair culvert @ Potomac Ridge Rd w/ control structure & create micro-pool/wet pond/wetland, potential for roadway washout

Plan Rank: 50**NI9109**

NI9109	NI-JB-0003	Improve existing farm pond with storage/bioretenion, outlet structure
--------	------------	---

Plan Rank: 51**PN9401**

PN9401	PN-CL-0001	Retrofit culvert @ Carrwood Rd w/ control structure & create micro-pool/wet pond/wetland.
--------	------------	---

Plan Rank: 52**PN9200**

PN9200	PN-MR-0006	Re-work stream to start meander just below Arnon Chapel to lengthen stream more evenly and reduce potential for erosion at downstream tight meanders and sediment deposition in lake
--------	------------	--

Plan Rank: 53**PN9201**

PN9201	PN-PN-0001	Replace washed out bridge and install step pool system w/ live stake bank stabilization
--------	------------	---

Plan Rank: 54**NI9200**

NI9200	NI-NI-0004	ex. pond washed away, vegetate & stabilize eroded banks and incised stream, repair headcut
--------	------------	--

25yr - Project Plan

Plan Rank: 55**NI9100**

NI9100	NI-NI-0001	Expand existing wetland shelf, drainage area approx 6 acres; vegetate eroded channel
--------	------------	--

NI9104

NI9104	NI-NI-0005	Retrofit in-line non-SWM pond to SWM pond (constructed wetland/enhanced extended detention basin, wet pond with lower water elevation for additional storage)
--------	------------	---

NI9105

NI9105	NI-NI-0005	Retrofit in-line non-SWM ponds to SWM pond (constructed wetland/enhanced extended detention basin, wet pond with lower water elevation for additional storage)
--------	------------	--

Plan Rank: 58**NI9300**

NI9300	NI-JB-0006	Improve culvert/outfall
--------	------------	-------------------------

Plan Rank: 59**NI9117**

NI9117	NI-NI-0013	Retrofit conc. box into primary O.S. for add'l storage, remove conc. t.d. and naturalize
--------	------------	--

Plan Rank: 60**NI9301**

NI9301	NI-JB-0006	Remove or improve concrete obstruction (ID#NIJB006.T001)(Impact score 10)
--------	------------	---

Plan Rank: 61**NI9115**

NI9115A	NI-JB-0005	vegetate basin bottom w/ wetland plants, allow side slopes to naturalize
---------	------------	--

NI9115B	NI-JB-0005	Remove concrete channels in area and replace with vegetated swales, allow side slopes to naturalize
---------	------------	---

NI9115C	NI-JB-0005	Remove concrete channels in area and replace with vegetated swales, allow side slopes to naturalize
---------	------------	---

NI9115D	NI-JB-0005	Remove concrete channels in area and replace with vegetated swales, allow side slopes to naturalize
---------	------------	---

25yr - Project Plan

Plan Rank: 62**NI9500**

NI9500A	NI-NI-0004	Rain gardens/bioretention on all existing grass swales
NI9500B	NI-NI-0004	Terraced wildflower meadow/r.g. throughout lower/steeper portion of yards
NI9500C	NI-NI-0004	Replace conc chan w terraced rain gardens/shallow terraced swale, terraced wildflower meadow/r.g. throughout lower/steeper portion of yard vegetated w high grass and wildflowers
NI9500D	NI-NI-0004	Rain gardens/bioretention on all existing grass swales
NI9500E	NI-NI-0004	Rain gardens/bioretention on all existing grass swales
NI9500F	NI-NI-0004	Rain gardens/bioretention on all existing grass swales
NI9500G	NI-NI-0004	Rain gardens/bioretention on all existing grass swales
NI9500H	NI-NI-0004	Rain gardens/bioretention on all existing grass swales
NI9500I	NI-NI-0004	Rain gardens/bioretention on all existing grass swales
NI9500J	NI-NI-0004	Rain gardens/bioretention on all existing grass swales
NI9500K	NI-NI-0004	Rain gardens/bioretention on all existing grass swales
NI9500L	NI-NI-0004	Improve r.g. by inlet

Plan Rank: 63**NI9405**

NI9405	NI-NI-0008	New rain garden at end of swale along down patrick rd, naturalize swales
--------	------------	--

Plan Rank: 64**NI9402**

NI9402	NI-NI-0007	Clear blocked culverts, create engineered plunge pools @ outfalls, create micropool/wetland w/ O.S. upstream, increase culvert sizes
--------	------------	--

Plan Rank: 65**PN9403**

PN9403	PN-PO-0005	ProRata project Map No. PN431, raise road bed @ River Bend Rd and increase culvert size, possible retrofit pond outlet structure to lower water level slightly and provide more volume control, add
--------	------------	---

Plan Rank: 66**NI9201**

NI9201	NI-HB-0001	Continue to reinforce bends and add boulder toe between Utterbach Store Road and confluence with Nichol Run
--------	------------	---

Plan Rank: 67**PN9407**

PN9407A	PN-PN-0002	Increase size of culvert/replace w/ bridge @ driveway to 198 River Park Dr.
PN9407B	PN-PN-0002	Replace or unblock culvert @ 180 River Park Dr.; repair eroded gravel road

25yr - Project Plan

Plan Rank: 68**NI9400**

NI9400	NI-NI-0008	Clean out, repair/replace culvert
--------	------------	-----------------------------------

Plan Rank: 69**NI9403**

NI9403	NI-NI-0007	Raise road bed @ unnamed road, increase culvert size/capacity - a combo main culvert & floodplain culvert on E side, re-grade banks (avoiding trees) upstream and downstream & create floodplain ben
--------	------------	--

Plan Rank: 70**NI9404**

NI9404A	NI-NI-0010	Install OS in ex. farm pond & lower water level for addtl storage
NI9404B	NI-NI-0010	Room for small micro pool @ 36" culvert u/s of pond on Utterback Store (may impact trees)
NI9404C	NI-NI-0010	Improve d/s end of 48" culvert with engineered energy dissipation or plunge pool

Plan Rank: 71**PN9404**

PN9404	PN-MR-0001	Culvert retrofit including increasing size of culvert, boulder toe along cut banks upstream, extend rocks/boulders downstream (especially between foot bridge & gravel bar to redirect flow to cente
--------	------------	--

NS - Project Plan

Plan Rank: NA**NI9900**

NI9900	NI-JB-0002	Riparian buffer restoration
--------	------------	-----------------------------

NI9901

NI9901	NI-NI-0002	Preserve OS and riparian buffers with conservation easement
--------	------------	---

NI9902

NI9902A	NI-HB-0001	Stop mowing gas easement, plant wildflower meadow since location is highly visible
---------	------------	--

NI9902B	NI-NI-0015	Preserve open space and riparian buffer with conservation easements
---------	------------	---

NI9902C	NI-NI-0016	Preserve open space and riparian buffer with conservation easements
---------	------------	---

PN9900

PN9900	PN-PN-0004	Preserve open space area w/ conservation easement and restore riparian buffer where needed
--------	------------	--

PN9901

PN9901A	PN-PN-0001	Targeted Rain Barrel Program @ Deepwoods Hollow Subdivision
---------	------------	---

PN9901B	PN-PN-0002	Targeted Rain Barrel Program @ Riverbend Knolls & Riverbend Farms Subdivisions
---------	------------	--

PN9901C	PN-PN-0003	Targeted Rain Barrel Program @ Merryelle Acres Subdivision and along Beach Mill Road
---------	------------	--

PN9901D	PN-PN-0003	Targeted Rain Barrel Program @ Falcon Ridge Subdivision
---------	------------	---

PN9902

PN9902A	PN-CL-0005	Preserve open space area w/ conservation easement and restore riparian buffer where needed
---------	------------	--

PN9902B	PN-CL-0001	Preserve forested OS in riparian buffer through conservation easement
---------	------------	---

PN9902C	PN-CL-0002	Preserve forested OS in riparian buffer through conservation easement
---------	------------	---

PN9902D	PN-CL-0009	Preserve open space area w/ conservation easement
---------	------------	---

PN9903

PN9903A	PN-CL-0005	Targeted Rain Barrel Program @ Beach Mill Farms & Club View Ridge Subdivision
---------	------------	---

PN9903B	PN-CL-0006	Targeted Rain Barrel Program @ Eagon Hills Subdivision, Dogwood Hills & Riverbend Estates and along Club View Drive
---------	------------	---

PN9903C	PN-CL-0008	Targeted Rain Barrel Program @ Walker Hill Estates, & Arnon Meadow Subdivision
---------	------------	--

NS - Project Plan

PN9904

PN9904A	PN-MR-0006	Preserve open space area w/ conservation easement and restore riparian buffer
PN9904B	PN-MR-0007	Preserve and restore forested OS in riparian buffer (RPA) through conservation easement
PN9904C	PN-MR-0004	Preserve open space area w/ conservation easement and restore riparian buffer within riparian buffer
PN9904D	PN-MR-0008	Riparian Buffer Restoration
PN9904E	PN-MR-0005	Riparian Buffer Restoration
PN9904F	PN-MR-0008	Restore riparian buffer along stream banks on property
PN9904G	PN-MR-0006	Preserve forested OS in riparian buffer through conservation easement
PN9904H	PN-MR-0003	Riparian Buffer restoration
PN9904I	PN-MR-0008	vegetate banks & stabilize erosion, disconnect roof leaders

PN9905

PN9905A	PN-MR-0001/03/0	Targeted Rain Barrel Program @ Jackson Hills Development & Cornwell Farm Development
PN9905B	PN-MR-0002	Targeted Rain Barrel Program @ Weant Subdivision, Washington Great Falls Survey, Great Falls Estates Sec. 2, Maria Avenue & Deer Park Subdivisions
PN9905C	PN-MR-0005	Targeted Rain Barrel Program @ Riverside Meadows
PN9905D	PN-MR-0006	Targeted Rain Barrel Program @ Laylin Family Trust, Arnon Ridge
PN9905E	PN-MR-0007	Targeted Rain Barrel Program @ Cornwell Farm & Chamborley Developments
PN9905F	PN-MR-0008	Targeted Rain Barrel Program and Homeowner's education (Re: landscaping/headwater riparian buffers) @ John W. Hanes Jr. Gunnell Run Farm, Deerfield Pond, & Deerfield Farm Subdivisions

PN9906

PN9906A	PN-MR-0003	Remove obstructions @ SPA points PNMR5-2-O8 to O10
PN9906B	PN-MR-0003	Remove obstructions @ SPA points PNMR5-2-O5
PN9906C	PN-MR-0004	Remove obstructions @ SPA points PNMR004-T002