

Fact Sheets

Projects CU9701 through CU9722

Cub Run Watershed Dry Pond Retrofit Projects (Part 2)

Projects CU9701 through CU9722. The remaining dry pond retrofit projects are included as projects CU9101 through CU9199. This includes all dry pond retrofit projects including those with a low priority.

Project ID:	CU9701
Project Type:	Dry Pond Retrofit
Location:	Rose Grove Drive (New Pond) PIN - 0354 01 0001 Oak Hill Reserve Flatlick Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Evaluate and implement options to provide enhanced peak flow control. Public/Private maintenance Unknown

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$103,524
Base Construction Cost				\$103,524
Mobilization (5%)				\$5,176
Subtotal 1				\$108,700
Contingency (25%)				\$27,175
Subtotal 2				\$135,875
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$61,144
Total				\$197,019
Estimated Project Cost				\$198,000



Project ID:	CU9702
Project Type:	Dry Pond Retrofit
Location:	Autumn Crest Drive and Pond Mist Way PIN - 0354 21 F Oakton Ridge Flatlick Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Evaluate and implement options to provide enhanced peak flow control. Public maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$43,629
Base Construction Cost				\$43,629
Mobilization (5%)				\$2,181
Subtotal 1				\$45,810
Contingency (25%)				\$11,453
Subtotal 2				\$57,263
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$25,768
Total				\$83,031
Estimated Project Cost				\$84,000



Project ID:	CU9703
Project Type:	Dry Pond Retrofit
Location:	Oxon Road & Oakton Chase Way PIN - 0354 18 A Oakton Chase Flatlick Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Evaluate and implement options to provide enhanced peak flow control. Public maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$82,446
Base Construction Cost				\$82,446
Mobilization (5%)				\$4,122
Subtotal 1				\$86,568
Contingency (25%)				\$21,642
Subtotal 2				\$108,210
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$48,695
Total				\$156,905
Estimated Project Cost				\$157,000



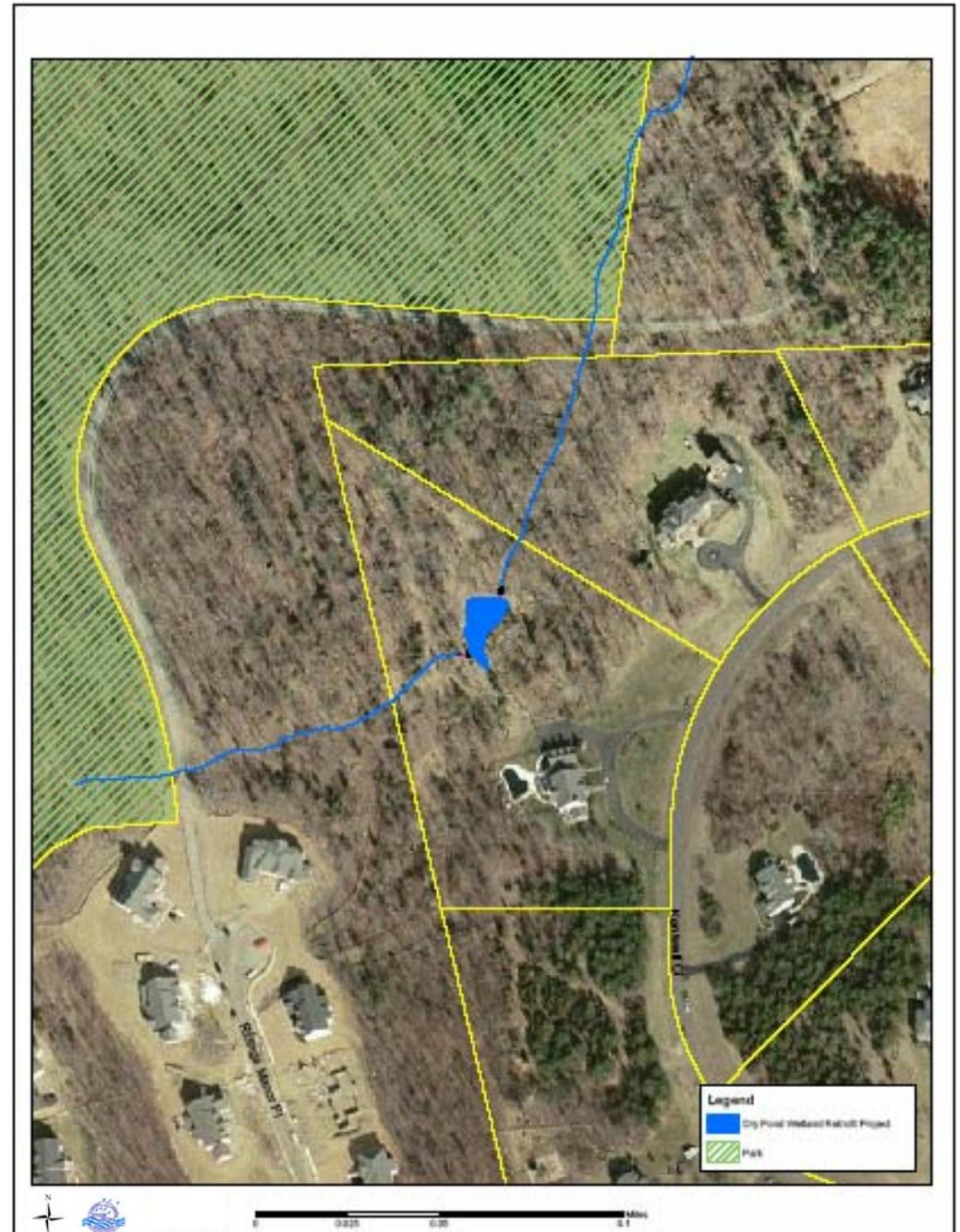
Project ID:	CU9704
Project Type:	Dry Pond Retrofit
Location:	Camberley Forest Drive & Wilbury Road PIN - 0354 14 Y Camberley West Flatlick Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Evaluate and implement options to provide enhanced peak flow control. Public maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$63,528
Base Construction Cost				\$63,528
Mobilization (5%)				\$2,140
Subtotal 1				\$44,932
Contingency (25%)				\$11,233
Subtotal 2				\$56,165
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$25,274
Total				\$81,439
Estimated Project Cost				\$82,000



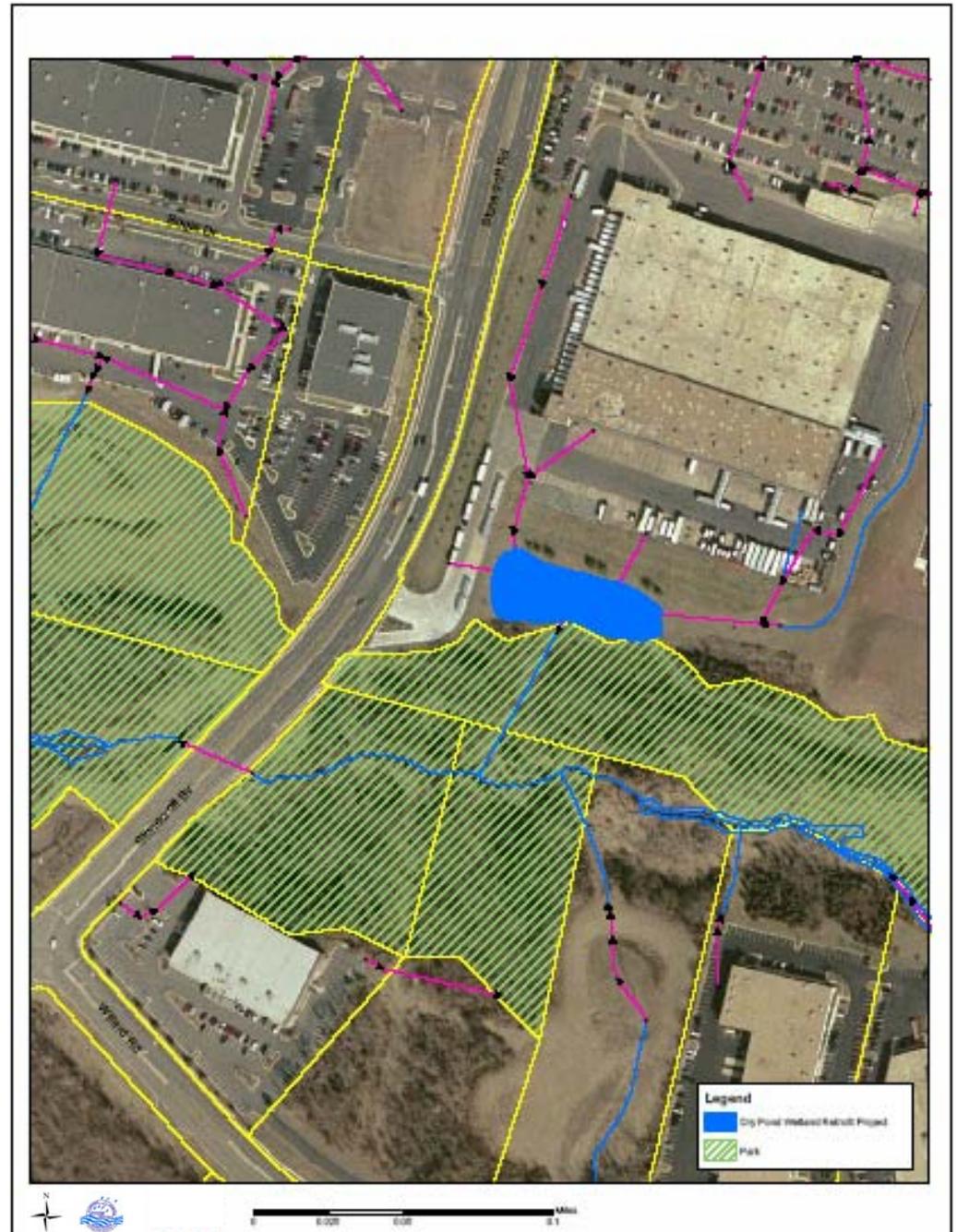
Project ID:	CU9705
Project Type:	Dry Pond Retrofit
Location:	Kentwell Circle PIN - 0531 04 0003 Virginia Run The Estates Elklick Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Private maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$63,528
Base Construction Cost				\$63,528
Mobilization (5%)				\$3,176
Subtotal 1				\$66,704
Contingency (25%)				\$16,676
Subtotal 2				\$83,381
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$37,521
Total				\$120,902
Estimated Project Cost				\$121,000



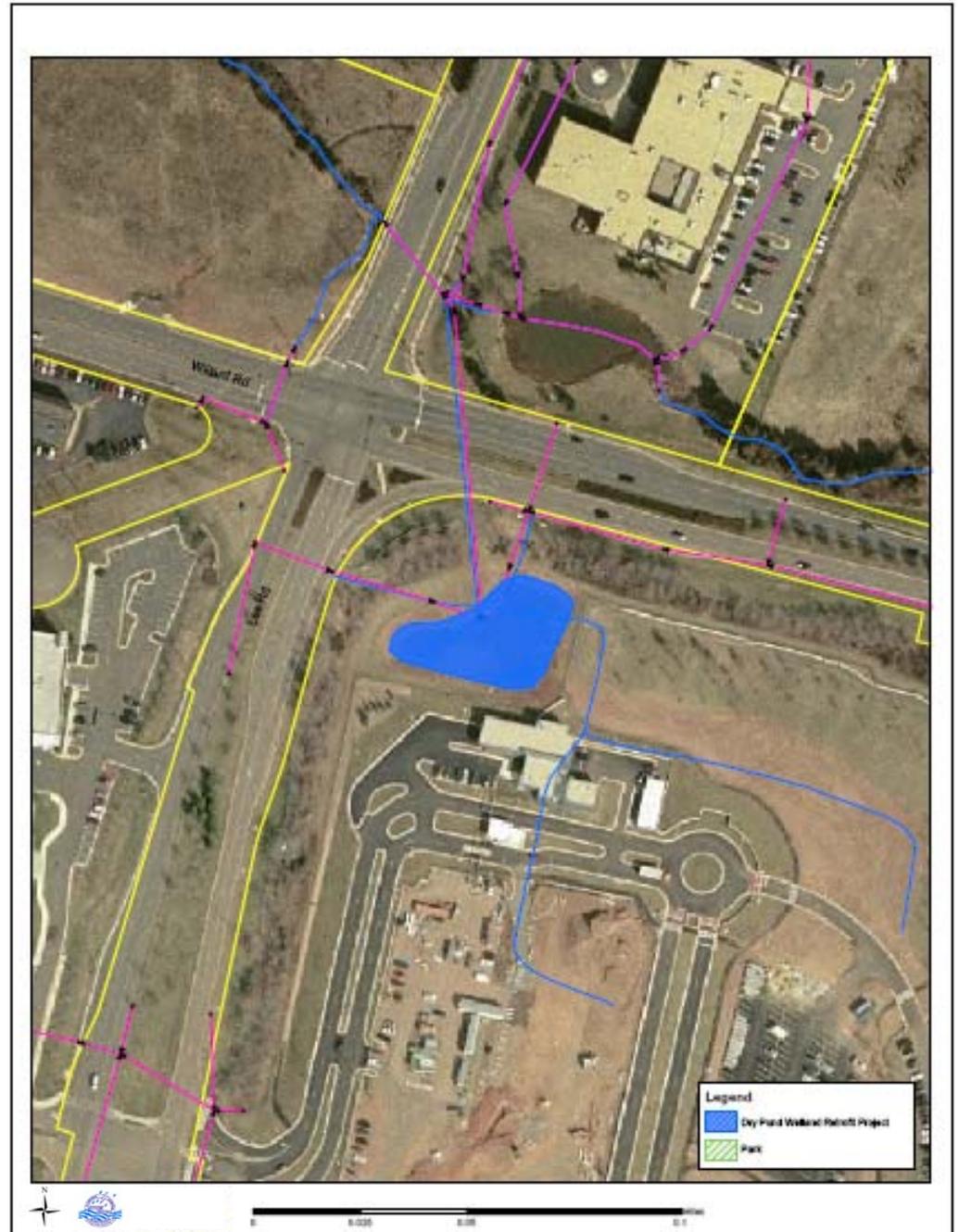
Project ID:	CU9706
Project Type:	Dry Pond Retrofit
Location:	Flint Lee Business Center, Stonecroft Road PIN - 0334 01 0011B Schneider Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Private maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$41,586
Base Construction Cost				\$41,586
Mobilization (5%)				\$2,079
Subtotal 1				\$43,665
Contingency (25%)				\$10,916
Subtotal 2				\$54,582
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$24,562
Total				\$79,143
Estimated Project Cost				\$80,000



Project ID:	CU9707
Project Type:	Dry Pond Retrofit
Location:	Lee Road and Willard Road PIN - 0441 04 0041 Westfields International Center at Dulles Schneider Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Private maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$40,119
Base Construction Cost				\$40,119
Mobilization (5%)				\$2,006
Subtotal 1				\$42,125
Contingency (25%)				\$10,531
Subtotal 2				\$52,656
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$23,695
Total				\$76,351
Estimated Project Cost				\$77,000



Project ID:	CU9708
Project Type:	Dry Pond Retrofit – Low Priority
Location:	Walney Road & Vernon Street P0344 06 0061 Rockland Village Schneider Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Public maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$31,812
Base Construction Cost				\$31,812
Mobilization (5%)				\$1,591
Subtotal 1				\$33,403
Contingency (25%)				\$8,351
Subtotal 2				\$41,753
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$18,789
Total				\$60,542
Estimated Project Cost				\$61,000



Project ID:	CU9709
Project Type:	Dry Pond Retrofit
Location:	Sully Plaza, Route 50 and Centreville Road PIN - 0344 01 0016C Schneider Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Private maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$33,207
Base Construction Cost				\$33,207
Mobilization (5%)				\$1,660
Subtotal 1				\$34,867
Contingency (25%)				\$8,717
Subtotal 2				\$43,584
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$19,613
Total				\$63,197
Estimated Project Cost				\$64,000



Project ID:	CU9710
Project Type:	Dry Pond Retrofit
Location:	Westfax Industrial Park, Route 50 and Westfax Drive PIN - 0343 01 0002A Cain Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Private maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$36,276
Base Construction Cost				\$36,276
Mobilization (5%)				\$1,814
Subtotal 1				\$38,090
Contingency (25%)				\$9,522
Subtotal 2				\$47,612
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$21,426
Total				\$69,038
Estimated Project Cost				\$70,000



Project ID:	CU9711
Project Type:	Dry Pond Retrofit
Location:	Franklin Middle School, Centreville Road PIN - 0342 01 0029 Cain Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Private maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$72,996
Base Construction Cost				\$72,996
Mobilization (5%)				\$3,650
Subtotal 1				\$76,646
Contingency (25%)				\$19,161
Subtotal 2				\$95,807
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$43,113
Total				\$138,921
Estimated Project Cost				\$139,000



Project ID:	CU9712
Project Type:	Dry Pond Retrofit
Location:	Centreville Road & Armfield Farm Drive PIN - 0342 01 0029 Armfield Farms Cain Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Public maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$51,117
Base Construction Cost				\$51,117
Mobilization (5%)				\$2,556
Subtotal 1				\$53,673
Contingency (25%)				\$13,418
Subtotal 2				\$67,091
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$30,191
Total				\$97,282
Estimated Project Cost				\$98,000



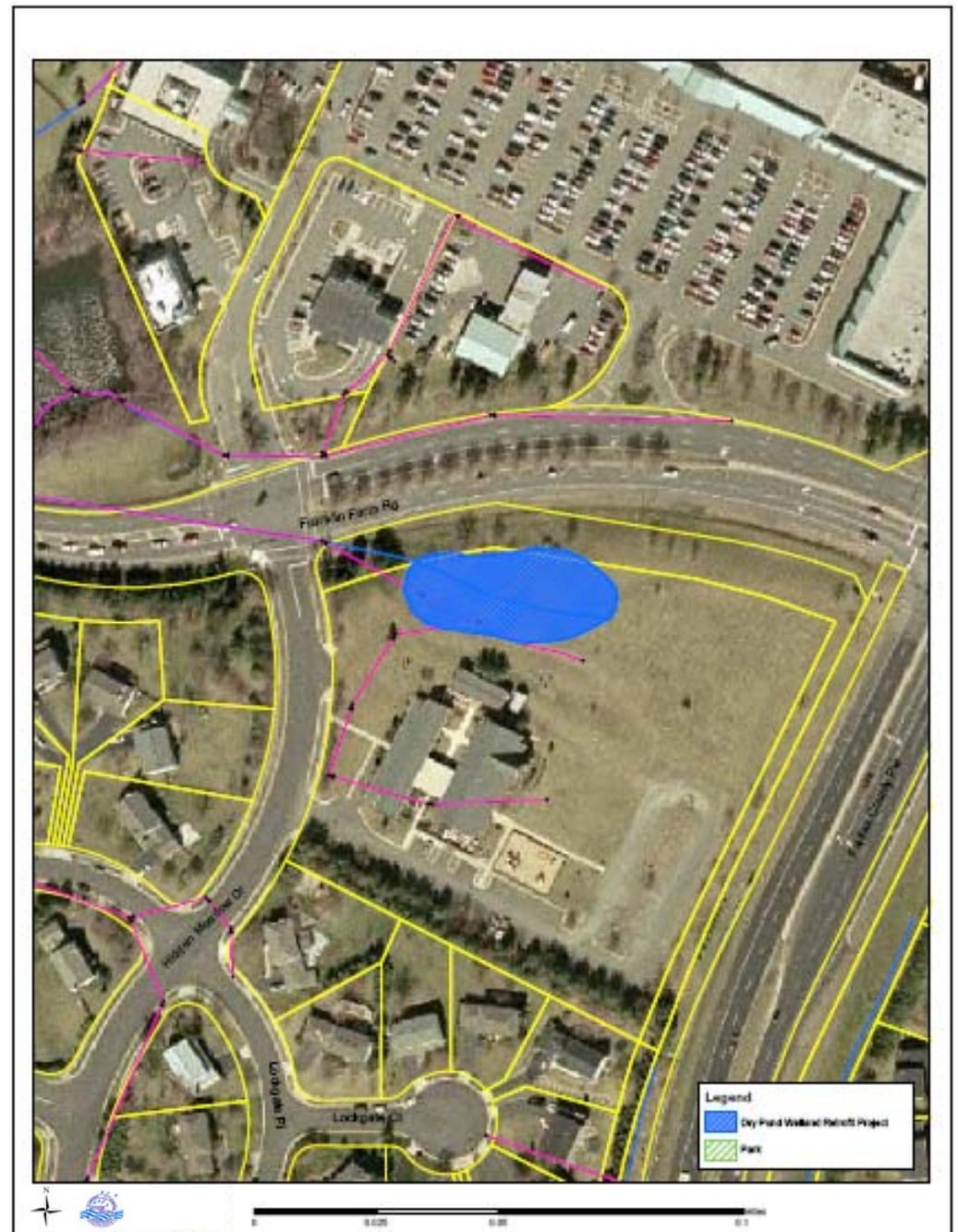
Project ID:	CU9713
Project Type:	Dry Pond Retrofit
Location:	Lees Corner Road & Old Dairy Road PIN - 0343 01 0002A Franklin Farm Cain Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Public maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$104,217
Base Construction Cost				\$104,217
Mobilization (5%)				\$5,211
Subtotal 1				\$109,428
Contingency (25%)				\$27,357
Subtotal 2				\$136,785
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$61,553
Total				\$198,338
Estimated Project Cost				\$199,000



Project ID:	CU9714
Project Type:	Dry Pond Retrofit
Location:	Franklin Farm Road and Hidden Meadow Drive PIN - 0351 04200001 Franklin Farm Cain Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Private maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$30,507
Base Construction Cost				\$30,507
Mobilization (5%)				\$1,525
Subtotal 1				\$32,032
Contingency (25%)				\$8,008
Subtotal 2				\$40,040
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$18,018
Total				\$58,059
Estimated Project Cost				\$59,000



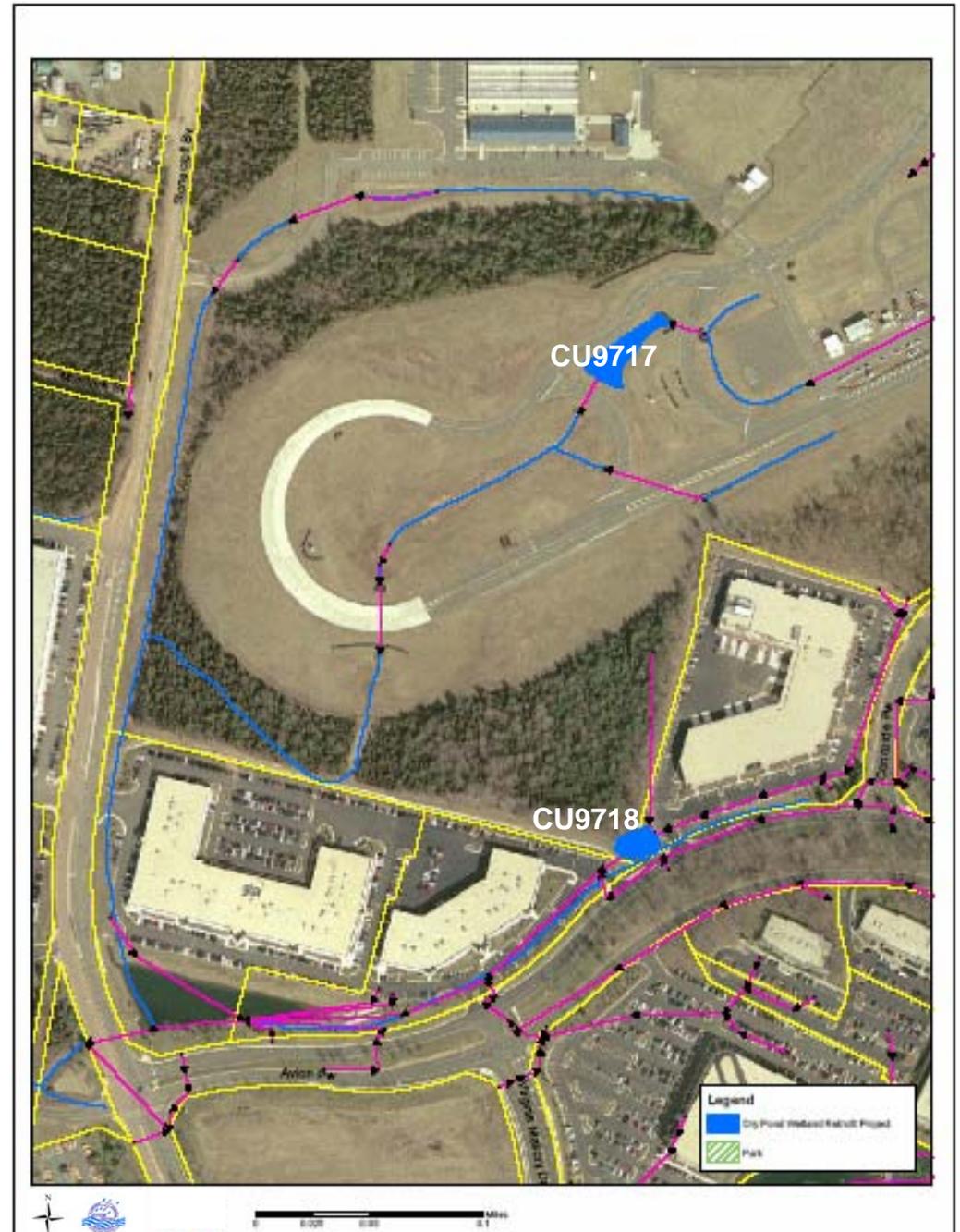
Project ID:	CU9715
Project Type:	Dry Pond Retrofit
Location:	Between Pleasant Valley Road and Silas Hutchinson Drive PIN - 0334 02 A1 Pleasant Valley Upper Cub Run
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Public maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$32,883
Base Construction Cost				\$32,883
Mobilization (5%)				\$1,644
Subtotal 1				\$34,527
Contingency (25%)				\$8,632
Subtotal 2				\$43,159
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$19,422
Total				\$62,580
Estimated Project Cost				\$63,000



Project ID:	CU9717
Project Type:	Dry Pond Retrofit
Location:	Driving Training Center, Stonecroft Boulevard PIN - 0341 01 0005 Cain Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Public maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$39,570
Base Construction Cost				\$39,570
Mobilization (5%)				\$1,979
Subtotal 1				\$41,549
Contingency (25%)				\$10,387
Subtotal 2				\$51,936
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$23,371
Total				\$75,307
Estimated Project Cost				\$76,000



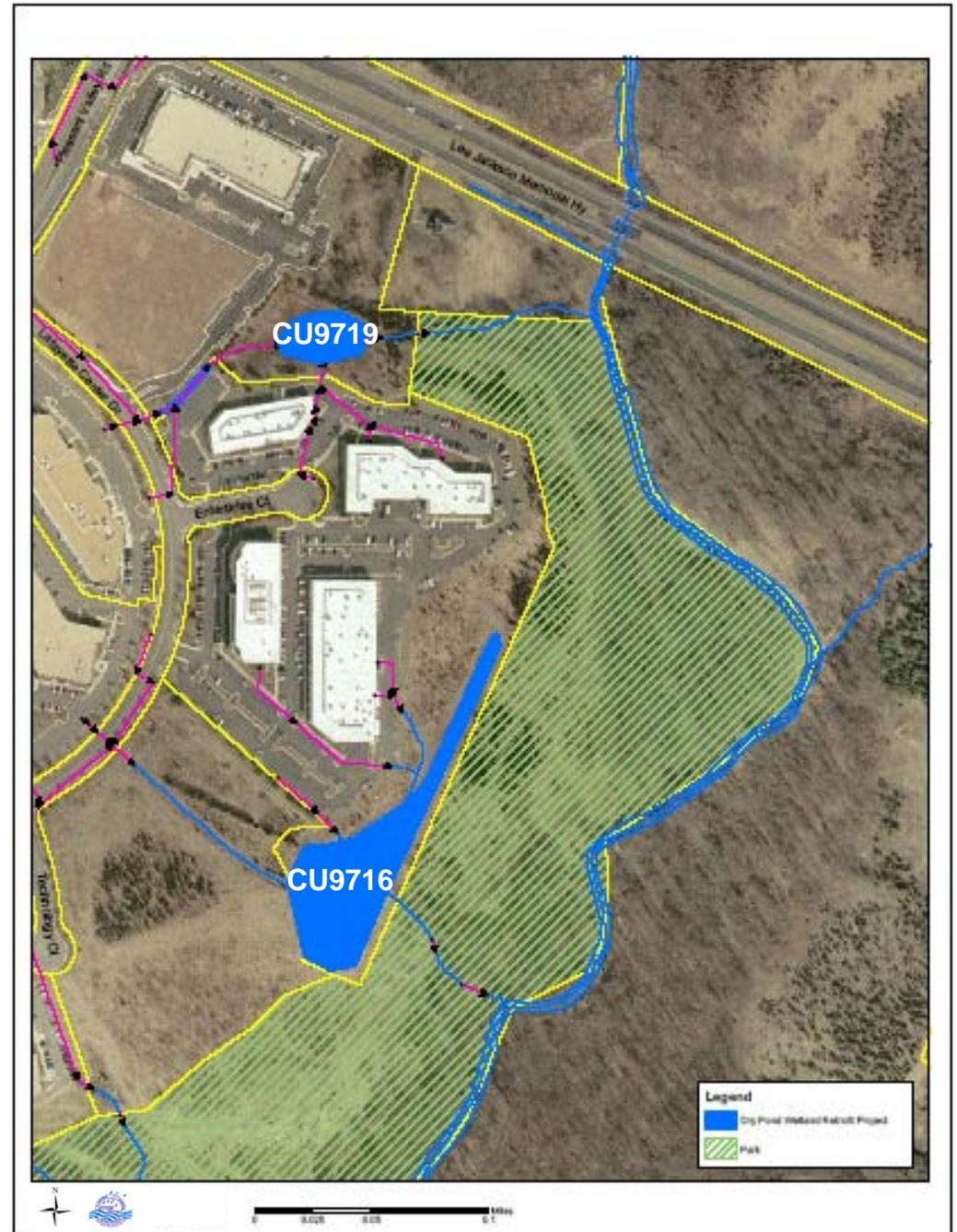
Project ID:	CU9718
Project Type:	Dry Pond Retrofit
Location:	Avion Parkway & Virginia Mallory Drive PIN - 0341 03 D2 Avion Cain Branch
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Public maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$35,025
Base Construction Cost				\$35,025
Mobilization (5%)				\$1,751
Subtotal 1				\$36,776
Contingency (25%)				\$9,194
Subtotal 2				\$45,970
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$20,687
Total				\$66,657
Estimated Project Cost				\$67,000



Project ID:	CU9719
Project Type:	Dry Pond Retrofit
Location:	Lafayette Business Center, Lafayette Center Drive PIN - 0332 04 0001 Lafayette Business Center Upper Cub Run
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Private maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$46,842
Base Construction Cost				\$46,842
Mobilization (5%)				\$2,342
Subtotal 1				\$49,184
Contingency (25%)				\$12,296
Subtotal 2				\$61,480
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$27,666
Total				\$89,146
Estimated Project Cost				\$90,000



Project ID:	CU9720
Project Type:	Dry Pond Retrofit
Location:	Stonecroft Boulevard. & Thompson Road PIN - 0341 01 0005 Near Driving Training Center Dead Run
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Public maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$37,293
Base Construction Cost				\$37,293
Mobilization (5%)				\$1,865
Subtotal 1				\$39,158
Contingency (25%)				\$9,789
Subtotal 2				\$48,947
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$22,026
Total				\$70,973
Estimated Project Cost				\$71,000



Project ID:	CU9721
Project Type:	Dry Pond Retrofit
Location:	Dulles International Centre, Eds Drive PIN - 0244 03 B Dulles International Centre Dead Run
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Private maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$75,345
Base Construction Cost				\$75,345
Mobilization (5%)				\$3,767
Subtotal 1				\$79,112
Contingency (25%)				\$19,778
Subtotal 2				\$98,890
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$44,501
Total				\$143,391
Estimated Project Cost				\$144,000



Project ID:	CU9722
Project Type:	Dry Pond Retrofit
Location:	Dulles Gateway Center Renaissance Park, Park Center Road PIN - 0242 01 0022E Dead Run
Description:	Modify existing dry pond to improve nutrient removal by adding wetland features. Evaluate and modify outlet structure if appropriate. Private maintenance

Project Cost Estimate				
Item	Qty	Units	Unit Cost	Total Cost
Dry Pond Retrofit	1	Pond		\$33,045
Base Construction Cost				\$33,045
Mobilization (5%)				\$1,652
Subtotal 1				\$34,697
Contingency (25%)				\$8,674
Subtotal 2				\$43,372
Engineering design, surveys, land acquisition, utility locations, and permits (45%)				\$19,517
Total				\$62,889
Estimated Project Cost				\$63,000

