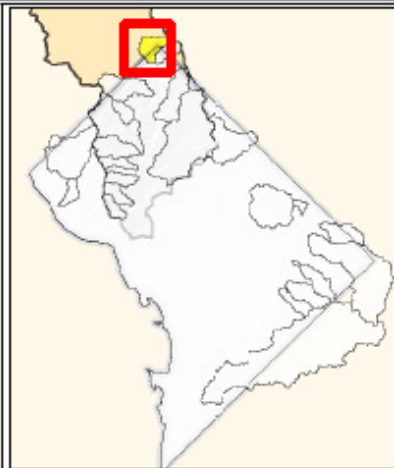




# ROCK CREEK - FENWICK BRANCH MANAGEMENT MAP



## Legend

-  Stormwater LID Retrofit Sites
-  Reforestation Sites
-  Waterbodies
-  DC Parks & Recreation
-  National Park Service

0 0.035 0.07 Miles

Scale: 1:5,100

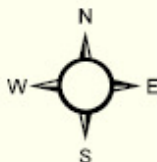
0 0.01 0.03 0.06 Miles

Source:  
District Department of  
the Environment

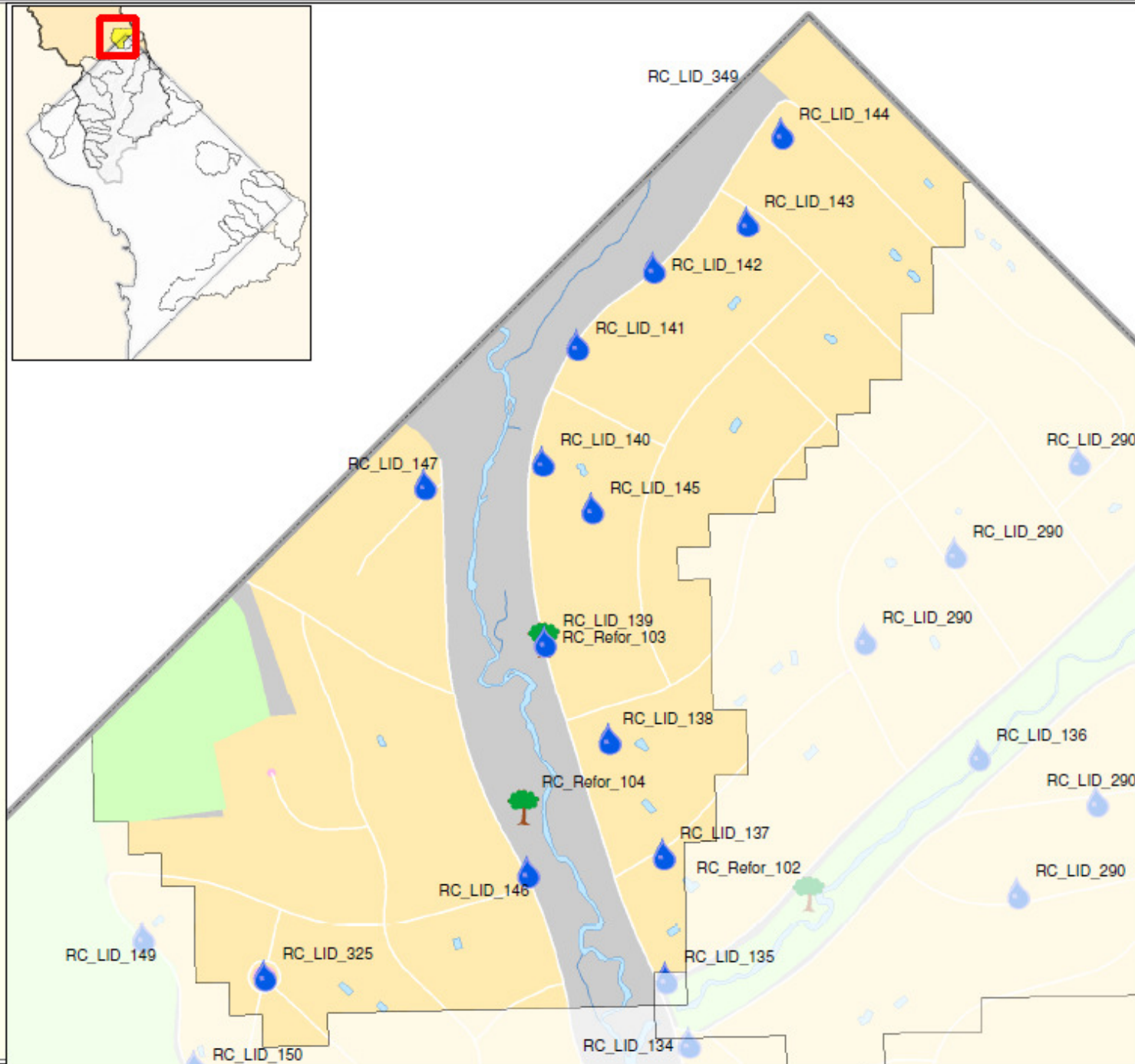
Prepared by: DDOE WPD

Date: July 31, 2010

Coordinate System:  
NAD 1983 StatePlane Maryland FIPS 1900



Information on this map is for illustration only. The user acknowledges and agrees that the use of this information is at the sole risk of the user. No endorsement, liability, or responsibility for information or opinions expressed are assumed or accepted by any agency of the DC Government.



PROJECT\_NUMBER RC\_LID\_103  
SITE\_LOCATION Piney Branch Rd NW between Gallatin St NW & Emerson St NW behind Kingsbury School - 5000 14th St NW

ADC\_MAP\_LOCATION 5408\_E8  
DRAINAGE\_AREA\_SIZE\_(ACRES) 0.4650589  
APPROXIMATE\_IMPERVIOUSNESS 0.00%  
OWNERSHIP District  
DESCRIPTION\_OF\_EXISTING\_CONDITIONS Piney Branch Road has no curb and gutter - some erosion on side of road

PROJECT\_DESCRIPTION Install bioswale to capture runoff from Piney Branch.

ESTIMATED\_COST \$16,277.00  
PROJECT\_RANKING\_EDUCATION Medium  
PROJECT\_RANKING\_ENVIRONMENT High  
PROJECT\_RANKING\_INSTALLATION High



PROJECT\_NUMBER RC\_LID\_104  
SITE\_LOCATION West Elementary School - 1338 Farragut St NW

ADC\_MAP\_LOCATION 5408\_E8  
DRAINAGE\_AREA\_SIZE\_(ACRES) 5.733636  
APPROXIMATE\_IMPERVIOUSNESS 0.00%  
OWNERSHIP District  
DESCRIPTION\_OF\_EXISTING\_CONDTIONS Large mostly flat roofed building with internal downspouts, mix of paved and grassy areas surrounding the building.

PROJECT\_DESCRIPTION Potential LID to treat stormwater from impervious surfaces. Remove unneeded impervious surfaces. Replace needed ones with pervious paving. Potential to treat stormwater from 14th Street. Green roof. Tree Planting.

ESTIMATED\_COST \$487,359.00  
PROJECT\_RANKING\_EDUCATION High  
PROJECT\_RANKING\_ENVIRONMENT High  
PROJECT\_RANKING\_INSTALLATION High



PROJECT_NUMBER	RC_LID_135
SITE_LOCATION	Traffic triangle at East Beach Drive, NW and North Portal Street, NW
ADC_MAP_LOCATION	5408_D2
DRAINAGE_AREA_SIZE_(ACRES)	5.199581E-02
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Roadway surrounding a grass traffic triangle with curb and gutter.

PROJECT_DESCRIPTION	Bioretention to capture runoff from North Portal Dr, NW. Potentially expanding the triangle to increase bioretention space.
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ESTIMATED_COST	\$4,420.00
PROJECT_RANKING_EDUCATION	low
PROJECT_RANKING_ENVIRONMENT	medium
PROJECT_RANKING_INSTALLATION	high



PROJECT\_NUMBER  
SITE\_LOCATION

RC\_LID\_137  
Curb cut - East Beach Drive and North Portal Street, NW

ADC\_MAP\_LOCATION  
DRAINAGE\_AREA\_SIZE\_(ACRES)  
APPROXIMATE\_IMPERVIOUSNESS  
OWNERSHIP

5408\_D2  
0.8604836  
0.00%  
District/NPS

DESCRIPTION\_OF\_EXISTING\_CONDITIONS

Curb and gutter installed with curb cut to stream valley. Rip rap installed & some erosion taking place.

PROJECT\_DESCRIPTION

Install bioretention at curb cut to treat stormwater before it enters stream

ESTIMATED\_COST

\$30,117.00

PROJECT\_RANKING\_EDUCATION

low

PROJECT\_RANKING\_ENVIRONMENT

high

PROJECT\_RANKING\_INSTALLATION

high



PROJECT_NUMBER	RC_LID_138
SITE_LOCATION	Curb cut located at - East Beach Drive NW and Redwood Street NW
ADC_MAP_LOCATION	5408_D2
DRAINAGE_AREA_SIZE_(ACRES)	0.8514912
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Curb and gutter installed with curb cut to stream valley. Rip rap installed & some erosion taking place.
PROJECT_DESCRIPTION	Install bioretention at curb cut to treat stormwater from East Beach Drive and Redwood Street NW before it enters stream.
ESTIMATED_COST	\$29,802.00
PROJECT_RANKING_EDUCATION	low
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	high



PROJECT\_NUMBER RC\_LID\_139  
SITE\_LOCATION Curb cut - East Beach Drive NW and Sycamore St, NW

ADC\_MAP\_LOCATION 5408\_C2  
DRAINAGE\_AREA\_SIZE\_(ACRES) 0.4425632  
APPROXIMATE\_IMPERVIOUSNESS 0.00%  
OWNERSHIP District/NPS  
DESCRIPTION\_OF\_EXISTING\_CONDTIONS Curb and gutter installed with curb cut to stream valley. Rip rap installed & some erosion taking place.

PROJECT\_DESCRIPTION Install bioretention at curb cut to treat stormwater before it enters stream.

ESTIMATED\_COST \$15,490.00  
PROJECT\_RANKING\_EDUCATION low  
PROJECT\_RANKING\_ENVIRONMENT high  
PROJECT\_RANKING\_INSTALLATION high



PROJECT_NUMBER	RC_LID_140
SITE_LOCATION	Curb cut - 8161 East Beach Drive, NW
ADC_MAP_LOCATION	5408_C2
DRAINAGE_AREA_SIZE_(ACRES)	0.5646064
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Curb and gutter installed with curb cut to stream valley. Rip rap installed & some erosion taking place.
PROJECT_DESCRIPTION	Install bioretention at curb cut to treat stormwater before it enters stream
ESTIMATED_COST	\$19,761.00
PROJECT_RANKING_EDUCATION	low
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	high





PROJECT_NUMBER	RC_LID_141
SITE_LOCATION	Curb cut - East Beach Drive NW and Redbud Street NW
ADC_MAP_LOCATION	5408_C2
DRAINAGE_AREA_SIZE_(ACRES)	0.2885399
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Curb and gutter installed with curb cut to stream valley. Rip rap installed & some erosion taking place.

PROJECT_DESCRIPTION	Install bioretention at curb cut to treat stormwater before it enters stream
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ESTIMATED_COST	\$10,099.00
PROJECT_RANKING_EDUCATION	low
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	high



PROJECT\_NUMBER RC\_LID\_142  
SITE\_LOCATION Curb cut - 8339 East Beach Dr, NW.

ADC\_MAP\_LOCATION 5408\_D2  
DRAINAGE\_AREA\_SIZE\_(ACRES) 0.2559812  
APPROXIMATE\_IMPERVIOUSNESS 0.00%  
OWNERSHIP District/NPS  
DESCRIPTION\_OF\_EXISTING\_CONDITIONS Curb and gutter installed with curb cut to stream valley. Rip rap installed & some erosion taking place.

PROJECT\_DESCRIPTION Install bioretention at curb cut to treat stormwater before it enters stream

ESTIMATED\_COST \$8,959.00  
PROJECT\_RANKING\_EDUCATION low  
PROJECT\_RANKING\_ENVIRONMENT high  
PROJECT\_RANKING\_INSTALLATION high



PROJECT\_NUMBER RC\_LID\_143  
SITE\_LOCATION Curb cut - 8361 East Beach Dr, NW

ADC\_MAP\_LOCATION 5408\_D1  
DRAINAGE\_AREA\_SIZE\_(ACRES) 0.4712083  
APPROXIMATE\_IMPERVIOUSNESS 0.00%  
OWNERSHIP District/NPS  
DESCRIPTION\_OF\_EXISTING\_CONDITIONS Curb and gutter installed with curb cut to stream valley. Rip rap installed & some erosion taking place.

PROJECT\_DESCRIPTION Install bioretention at curb cut to treat stormwater before it enters stream. Removal of invasive mile-a-minute weed.

ESTIMATED\_COST \$16,492.00  
PROJECT\_RANKING\_EDUCATION low  
PROJECT\_RANKING\_ENVIRONMENT high  
PROJECT\_RANKING\_INSTALLATION high



PROJECT\_NUMBER RC\_LID\_144  
SITE\_LOCATION Curb cut - East Beach Drive NW and Tamarack Street NW

ADC\_MAP\_LOCATION 5408\_D1  
DRAINAGE\_AREA\_SIZE\_(ACRES) 0.4217893  
APPROXIMATE\_IMPERVIOUSNESS 0.00%  
OWNERSHIP District/NPS  
DESCRIPTION\_OF\_EXISTING\_CONDTIONS Curb and gutter installed with curb cut to stream valley. Rip rap installed & some erosion taking place.

PROJECT\_DESCRIPTION Install bioretention at curb cut to treat stormwater before it enters stream.

ESTIMATED\_COST \$14,763.00  
PROJECT\_RANKING\_EDUCATION low  
PROJECT\_RANKING\_ENVIRONMENT high  
PROJECT\_RANKING\_INSTALLATION high



PROJECT_NUMBER	RC_LID_145
SITE_LOCATION	East Beach Drive, NW
ADC_MAP_LOCATION	5408_C2&D2
DRAINAGE_AREA_SIZE_(ACRES)	2.644087
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDITIONS	Wide road adjacent to stream that is highly impacted by stormwater. Predominantly off street parking.
PROJECT_DESCRIPTION	Reduce street width and install bioretention along the length of the street to minimize strong storm water flows. Removal of invasive mile-a-minute vines. Reforestation.
ESTIMATED_COST	\$224,747.00
PROJECT_RANKING_EDUCATION	low
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	high

PROJECT_NUMBER	RC_LID_146
SITE_LOCATION	West Beach Drive, NW
ADC_MAP_LOCATION	5408_C2&D3
DRAINAGE_AREA_SIZE_(ACRES)	3.352372
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Wide road adjacent to stream that is highly impacted by stormwater. Predominantly off street parking.
PROJECT_DESCRIPTION	Reduce street width and install bioretention along the length of the street to minimize strong storm water flows from West Beach Drive.
ESTIMATED_COST	\$284,952.00
PROJECT_RANKING_EDUCATION	low
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	high



PROJECT\_NUMBER RC\_LID\_147  
SITE\_LOCATION Dead end at West Beach Drive NW and West Beach Terrace NW  
  
ADC\_MAP\_LOCATION 5408\_C2  
DRAINAGE\_AREA\_SIZE\_(ACRES) 0.5090258  
APPROXIMATE\_IMPERVIOUSNESS 0.00%  
OWNERSHIP District/NPS  
DESCRIPTION\_OF\_EXISTING\_CONDTIONS Asphalt dead end with path into parkland.

PROJECT\_DESCRIPTION Remove unneeded impervious roadway and install LID to treat runoff from West Beach Terrace, NW.

ESTIMATED\_COST \$25,451.00  
PROJECT\_RANKING\_EDUCATION low  
PROJECT\_RANKING\_ENVIRONMENT high  
PROJECT\_RANKING\_INSTALLATION high



PROJECT\_NUMBER RC\_LID\_325  
SITE\_LOCATION Plymouth Street NW and Parkside Lane NW

ADC\_MAP\_LOCATION 5408\_C2  
DRAINAGE\_AREA\_SIZE\_(ACRES) 0.5091855  
APPROXIMATE\_IMPERVIOUSNESS 0.00%  
DESCRIPTION\_OF\_EXISTING\_CONDTIONS Small open traffic circle at intersection of Plymouth Street NW and Parkside Lane NW. Surrounding roads have curb and gutter.

PROJECT\_DESCRIPTION Put in curb cuts and direct stormwater from roadways into bioretention cell in traffic circle.

ESTIMATED\_COST \$17,821.00  
PROJECT\_RANKING\_EDUCATION Medium  
PROJECT\_RANKING\_ENVIRONMENT Medium  
PROJECT\_RANKING\_INSTALLATION High





PROJECT\_NUMBER RC\_LID\_349  
SITE\_LOCATION Regenerative Stormwater Conveyance - East-West Hwy at Fenwick Branch

ADC\_MAP\_LOCATION 5408\_D1  
DRAINAGE\_AREA\_SIZE\_(ACRES) 0.3603626  
APPROXIMATE\_IMPERVIOUSNESS 0.00%  
DESCRIPTION\_OF\_EXISTING\_CONDTIONS Stormwater from East-West Hwy. leaving roadway without curb and gutter at bus stop near outfall for Fenwick Branch at MD border. Stormwater eroding parkland and draining into Fenwick Branch.

PROJECT\_DESCRIPTION Install regenerative stormwater conveyance for East-West Hwy. flowing to Fenwick Branch. Bioswale along E-W Highway.

ESTIMATED\_COST \$20,000.00  
PROJECT\_RANKING\_EDUCATION High  
PROJECT\_RANKING\_ENVIRONMENT High  
PROJECT\_RANKING\_INSTALLATION High

