

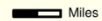


ROCK CREEK - PORTAL BRANCH MANAGEMENT MAP

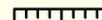


Legend

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

 Miles
0 0.010.02

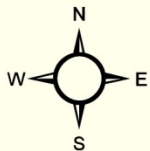
Scale: 1:4,522

 Miles
0.00.02 0.04 Miles

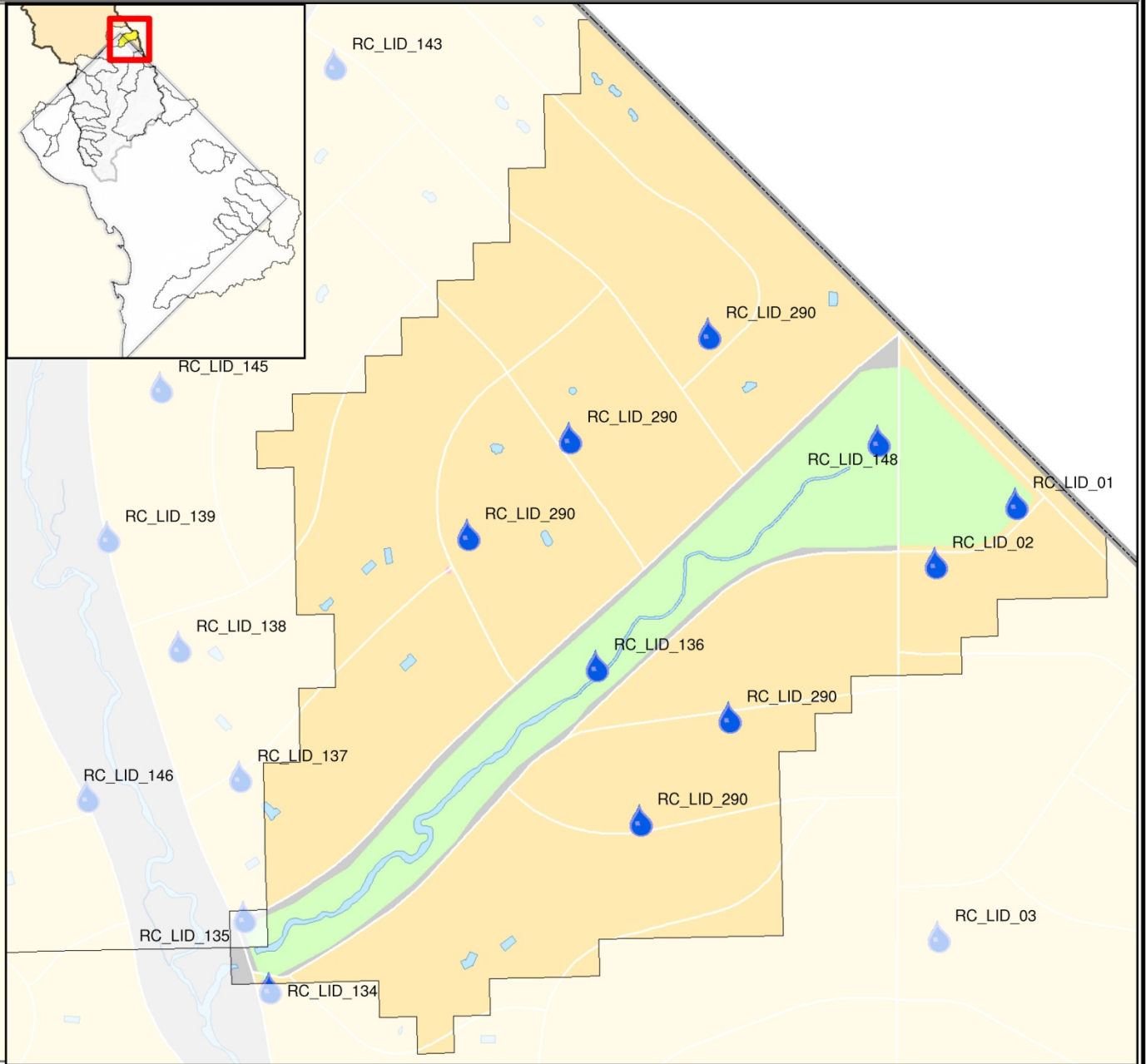
Source:
District Department of
the Environment
Prepared by: DDOE WPD

Date: July 31, 2010

Coordinate System:
NAD 1983 StatePlane Maryland FIPS 1900



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PROJECT_NUMBER
SITE_LOCATION

RC_LID_001
16th Street NW and Eastern Avenue NW

ADC_MAP_LOCATION
DRAINAGE_AREA_SIZE_(ACRES)
APPROXIMATE_IMPERVIOUSNESS
OWNERSHIP
DESCRIPTION_OF_EXISTING_CONDITIONS

5408_E2
0.6839555
0.00%.
District/NPS
NPS land maintained as grass

PROJECT_DESCRIPTION
and adjoining properties

Install bio-retention to take stormwater off of Eastern Avenue

ESTIMATED_COST
PROJECT_RANKING_EDUCATION
PROJECT_RANKING_ENVIRONMENT
PROJECT_RANKING_INSTALLATION

\$23,938.00
medium
high
Low



PROJECT_NUMBER	RC_LID_002
SITE_LOCATION	16th Street NW and Eastern Avenue NW
ADC_MAP_LOCATION	5408_E2
DRAINAGE_AREA_SIZE_(ACRES)	1.542864
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDITIONS	NPS Land maintained as landscaped area and grass
PROJECT_DESCRIPTION	Install bio-retention to take stormwater off of 16th Street and adjoining properties
ESTIMATED_COST	\$54,000.00
PROJECT_RANKING_EDUCATION	medium
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	low



PROJECT_NUMBER	RC_LID_134
SITE_LOCATION	Traffic triangle at Poplar Street NW, East Beach Drive NW, and South Portal Street, NW
ADC_MAP_LOCATION	5408_D3
DRAINAGE_AREA_SIZE_(ACRES)	0.1070702
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDITIONS	Roadway surrounding a grass traffic triangle with curb and gutter.
PROJECT_DESCRIPTION	Potential bioretention installation to capture runoff coming from South Portal St, NW. Potentially expanding the triangle to increase bioretention space.
ESTIMATED_COST	\$9,101.00
PROJECT_RANKING_EDUCATION	low
PROJECT_RANKING_ENVIRONMENT	medium
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_CONDITIONS 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.

ESTIMATED_COST \$4,420.00
PROJECT_RANKING_EDUCATION low
PROJECT_RANKING_ENVIRONMENT medium
PROJECT_RANKING_INSTALLATION high



PROJECT_NUMBER
SITE_LOCATION

RC_LID_136
North Portal Drive and South Portal Drive, NW

ADC_MAP_LOCATION

5408_D2

DRAINAGE_AREA_SIZE_(ACRES)

10.71594

APPROXIMATE_IMPERVIOUSNESS

0.00%

OWNERSHIP

District/NPS

DESCRIPTION_OF_EXISTING_CONDITIONS
stormwater. Predominantly off street parking.

Wide road adjacent to stream that is highly impacted by

PROJECT_DESCRIPTION

Reduce road width and install bioretention along the length of the road and adjacent side streets. Potential tree planting and regenerative stormwater conveyances.

ESTIMATED_COST

\$910,855.00

PROJECT_RANKING_EDUCATION

low

PROJECT_RANKING_ENVIRONMENT

high

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
DESCRIPTION_OF_EXISTING_CONDITIONS
rap installed & some erosion taking place.

5408_D2
0.8604836
0.00%
District/NPS
Curb and gutter installed with curb cut to stream valley. Rip

PROJECT_DESCRIPTION
enters stream

Install bioretention at curb cut to treat stormwater before it

ESTIMATED_COST
PROJECT_RANKING_EDUCATION
PROJECT_RANKING_ENVIRONMENT
PROJECT_RANKING_INSTALLATION

\$30,117.00
low
high
high



PROJECT_NUMBER RC_LID_148
SITE_LOCATION 16th Street NW and North Portal Street NW

ADC_MAP_LOCATION 5408_E2
DRAINAGE_AREA_SIZE_(ACRES) 0.6453073
APPROXIMATE_IMPERVIOUSNESS 0.00%
OWNERSHIP District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS NPS land adjacent to 16th Street maintained as grass.

PROJECT_DESCRIPTION Install curb cuts and bioretention to take stormwater off of 16th Street.

ESTIMATED_COST \$22,586.00
PROJECT_RANKING_EDUCATION medium
PROJECT_RANKING_ENVIRONMENT high
PROJECT_RANKING_INSTALLATION high



PROJECT_NUMBER	RC_LID_290
SITE_LOCATION	Portal Branch - between North Portal Drive NW and South Portal Drive
	NW
ADC_MAP_LOCATION	5408_D2
DRAINAGE_AREA_SIZE_(ACRES)	11.70038
APPROXIMATE_IMPERVIOUSNESS	0.00%
DESCRIPTION_OF_EXISTING_CONDITIONS	Deeply incised stream from outfall where comes above ground to mouth at Rock Creek. Several collapsed outfalls sending stormwater into stream. Exposed sewer line adjacent to stream.
PROJECT_DESCRIPTION	Install regenerative stormwater conveyances for outfalls leading into Portal Branch
ESTIMATED_COST	\$300,000.00
PROJECT_RANKING_EDUCATION	Low
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

