

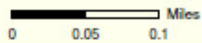


ROCK CREEK - DUMBARTON OAKS MANAGEMENT MAP

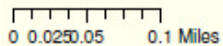


Legend

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



Scale: 1:7,841

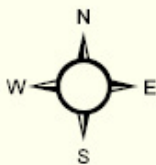


Source:
District Department of
the Environment

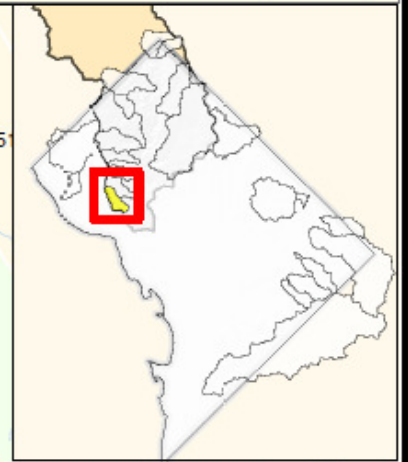
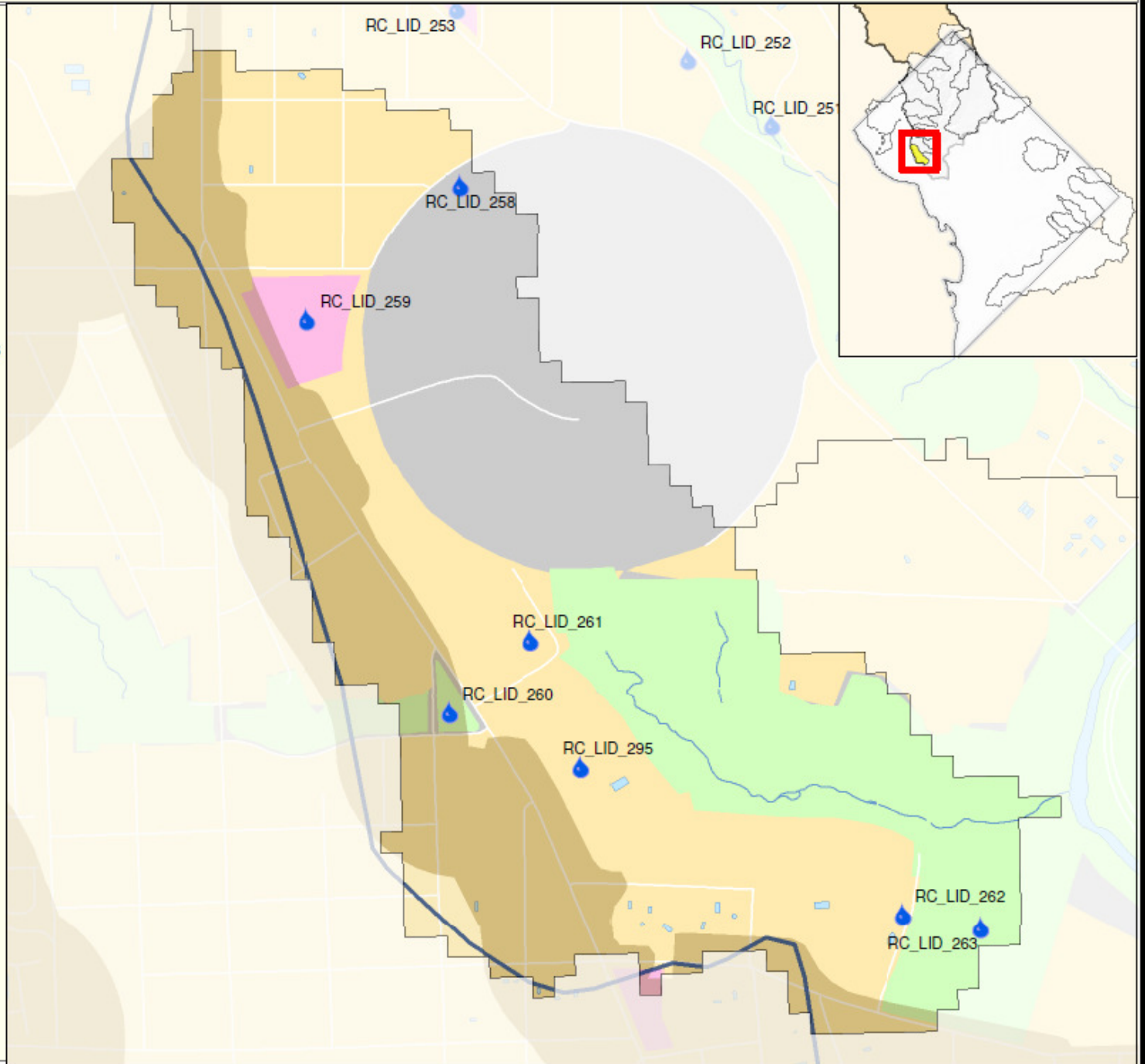
Prepared by: DDOE WPD

Date: July 31, 2010

Coordinate System:
NAD 1983 StatePlane Maryland FIPS 1900



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PROJECT_NUMBER	RC_LID_258
SITE_LOCATION	Bioswale - Observatory Circle NW between Massachusetts Avenue NW and Calvert Street NW
ADC_MAP_LOCATION	5527_J3
DRAINAGE_AREA_SIZE_(ACRES)	1.181631
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/Federal
DESCRIPTION_OF_EXISTING_CONDITIONS	Large open grass area between Observatory Circle NW and the US Naval Observatory
PROJECT_DESCRIPTION	Install bioretention to take runoff from Observatory Circle
ESTIMATED_COST	\$41,357.00
PROJECT_RANKING_EDUCATION	Low
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	Medium



PROJECT_NUMBER RC_LID_259
SITE_LOCATION Guy Mason Recreation Center - 3600 Calvert Street, NW

ADC_MAP_LOCATION 5527_J3
DRAINAGE_AREA_SIZE_(ACRES) 6.737621
APPROXIMATE_IMPERVIOUSNESS 0.00%
OWNERSHIP District
DESCRIPTION_OF_EXISTING_CONDITIONS Recreation center with basketball courts, garden area, ball fields, playgrounds and a very large parking lot area. Building has external downspouts.

PROJECT_DESCRIPTION Impervious surface reduction in parking lot area; install bioretention at parking lot to capture runoff from parking lot; disconnect downspout and redirect rooftop stormwater to existing garden; bioretention for basketball court

ESTIMATED_COST \$336,881.00
PROJECT_RANKING_EDUCATION High
PROJECT_RANKING_ENVIRONMENT High
PROJECT_RANKING_INSTALLATION High



PROJECT_NUMBER	RC_LID_260
SITE_LOCATION	Triangle park - Whitehaven Street NW, Wisconsin Avenue NW, and 35th Street NW
ADC_MAP_LOCATION	5527_J4
DRAINAGE_AREA_SIZE_(ACRES)	0.7125688
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDITIONS	Large wooded triangle park with curb and gutter roadway surrounding it.
PROJECT_DESCRIPTION	Install bioretention to capture runoff from 35th Street NW. Tree planting.
ESTIMATED_COST	\$24,940.00
PROJECT_RANKING_EDUCATION	Medium
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High



PROJECT_NUMBER	RC_LID_261
SITE_LOCATION	Bioretention - Whitehaven Street NW between Dumbarton Oaks Park and Wisconsin Avenue
ADC_MAP_LOCATION	5527_K4
DRAINAGE_AREA_SIZE_(ACRES)	1.9216
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDITIONS	Dead end road with very large turnaround at the bottom. Open grass area adjacent to roadway. Curb and gutter for roadway. Parking lot adjacent to roadway.
PROJECT_DESCRIPTION	Impervious reduction of circle and install bioretention to treat runoff from street; potential bioswale stretch to treat runoff from parking lot and street. Tree planting.
ESTIMATED_COST	\$163,336.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High



PROJECT_NUMBER RC_LID_262
SITE_LOCATION Lovers Lane NW between Montrose Park and Dumbarton Oaks - 1703
32nd St NW

ADC_MAP_LOCATION 5528_A4
DRAINAGE_AREA_SIZE_(ACRES) 1.032219
APPROXIMATE_IMPERVIOUSNESS 0.00%
OWNERSHIP District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS Lightly used maintenance road. Road steeply slopes to Dumbarton
Oaks Tributary.

PROJECT_DESCRIPTION Remove asphalt roadway and replace pervious pathway. Include
bioswale in gutters or in between paved roadway strips.

ESTIMATED_COST \$87,739.00
PROJECT_RANKING_EDUCATION High
PROJECT_RANKING_ENVIRONMENT High
PROJECT_RANKING_INSTALLATION High



PROJECT_NUMBER RC_LID_263
SITE_LOCATION Montrose Park - 1703 32nd St NW

ADC_MAP_LOCATION 5528_A4
DRAINAGE_AREA_SIZE_(ACRES) 14.63218
APPROXIMATE_IMPERVIOUSNESS 0.00%
OWNERSHIP Private
DESCRIPTION_OF_EXISTING_CONDITIONS Park with tennis courts, garden area open space, trees and pathways.
Park slopes towards Dumbarton Oaks stream.

PROJECT_DESCRIPTION Bioretention by the garden space to capture runoff from R St, NW,
Slope stabilization and bioretention to control stormwater from grass
areas. Reforestation.

ESTIMATED_COST \$512,126.00
PROJECT_RANKING_EDUCATION High
PROJECT_RANKING_ENVIRONMENT Medium
PROJECT_RANKING_INSTALLATION High



PROJECT_NUMBER
SITE_LOCATION

RC_LID_295
Dumbarton Run - Whitehaven Street NW to Rock Creek main stem

ADC_MAP_LOCATION
DRAINAGE_AREA_SIZE_(ACRES)
APPROXIMATE_IMPERVIOUSNESS
DESCRIPTION_OF_EXISTING_CONDTIONS

5527_K4&5528_A4
3.031512
0.00%
Two piped outfalls from behind Safeway and 32nd Street. Slope erosion from Montrose Park. Erosion from area near US Naval Observatory.

PROJECT_DESCRIPTION

Remove piped outfalls and replace with regenerative stormwater conveyances (RSC). Place RSC in erosion area near US Naval Observatory. Slope stabilization for Montrose Park. Back outfall for main stem upstream and install RSC.

ESTIMATED_COST
PROJECT_RANKING_EDUCATION
PROJECT_RANKING_ENVIRONMENT
PROJECT_RANKING_INSTALLATION

\$230,000.00
High
High
High

