









ROCK CREEK - PINEHURST CREEK MANAGEMENT MAP



Legend

-  Stormwater LID Retrofit Sites
-  Trash Pickup Sites
-  Wetland Restoration Sites
-  Waterbodies
-  DC Parks & Recreation
-  National Park Service

0 0.05 0.1 Miles

Scale: 1:12,523

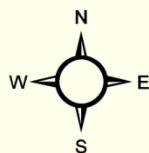
0.0375 0.15 Miles

Source:
District Department of
the Environment

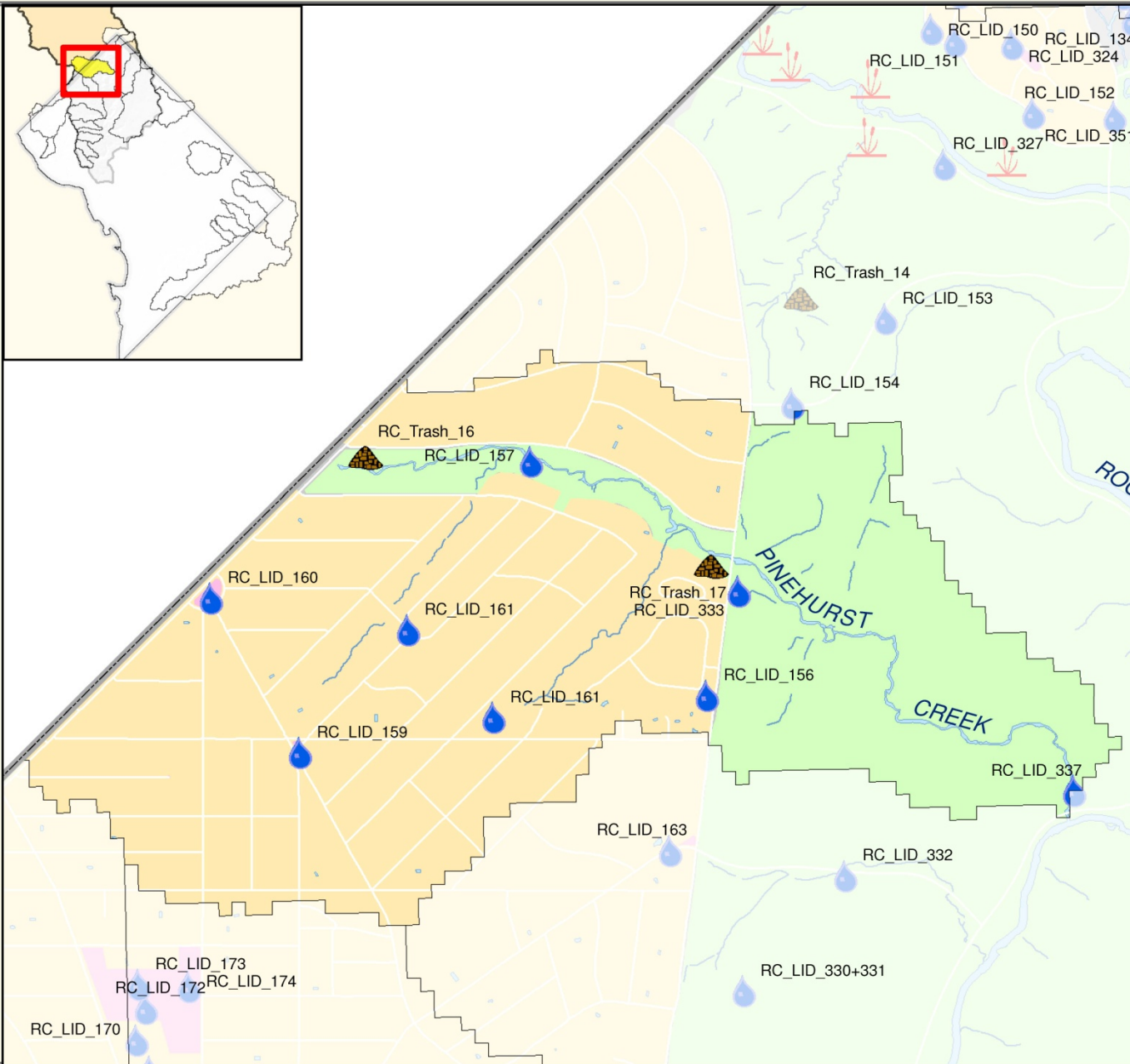
Prepared by: DDOE WPD

Date: July 31, 2010

Coordinate System:
NAD 1983 StatePlane Maryland FIPS 1900



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PROJECT_NUMBER RC_LID_156
SITE_LOCATION Oregon Avenue, NW from Wise Road, NW to Military Road NW

ADC_MAP_LOCATION 5408_B3-B7
DRAINAGE_AREA_SIZE_(ACRES) 14.93663
APPROXIMATE_IMPERVIOUSNESS 0.00%
OWNERSHIP District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS Roadway adjacent to parkland. Currently no curb and gutter.
Stormwater runoff at points creating severe erosion in parkland.

PROJECT_DESCRIPTION DDOT is planning roadway reconstruction for the length of the road. Suggest installing bioswales and regenerative stormwater conveyances to treat stormwater.

ESTIMATED_COST \$1,269,613.00
PROJECT_RANKING_EDUCATION Medium
PROJECT_RANKING_ENVIRONMENT High
PROJECT_RANKING_INSTALLATION High



PROJECT_NUMBER RC_LID_157
SITE_LOCATION Beech St, NW

ADC_MAP_LOCATION 5408_A4&B4
DRAINAGE_AREA_SIZE_(ACRES) 4.041455
APPROXIMATE_IMPERVIOUSNESS 0.00%
OWNERSHIP District/NPS
DESCRIPTION_OF_EXISTING_CONDITIONS Wide road adjacent to stream valley park. 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 Beech Street. Reforestation

ESTIMATED_COST \$343,524.00
PROJECT_RANKING_EDUCATION medium
PROJECT_RANKING_ENVIRONMENT high
PROJECT_RANKING_INSTALLATION high



PROJECT_NUMBER RC_LID_159
SITE_LOCATION Triangle Park - Tennyson Street NW, 32nd Street NW, and Utah Avenue NW

ADC_MAP_LOCATION 5407_K5
DRAINAGE_AREA_SIZE_(ACRES) 0.2960328
APPROXIMATE_IMPERVIOUSNESS 0.00%
OWNERSHIP District
DESCRIPTION_OF_EXISTING_CONDITIONS Small triangle park with perennials and one large shade tree.

PROJECT_DESCRIPTION Expand triangle by closing 32nd Street, NW. Remove impervious surfaces and install bioretention to treat stormwater from adjacent roadways.

ESTIMATED_COST \$25,163.00
PROJECT_RANKING_EDUCATION Medium
PROJECT_RANKING_ENVIRONMENT High
PROJECT_RANKING_INSTALLATION High



PROJECT_NUMBER RC_LID_160
SITE_LOCATION Circle park - Western Avenue NW, Pinehurst Circle and 33rd Street NW

ADC_MAP_LOCATION 5407_K4
DRAINAGE_AREA_SIZE_(ACRES) 0.9004572
APPROXIMATE_IMPERVIOUSNESS 0.00%
OWNERSHIP District
DESCRIPTION_OF_EXISTING_CONDITIONS Large traffic circle maintained as grass with some trees. New trees recently planted. Curb and gutter for roadways around circle.

PROJECT_DESCRIPTION Install bioretention in park to capture runoff from Pinehurst Circle and 33rd Street NW

ESTIMATED_COST \$31,516.00
PROJECT_RANKING_EDUCATION Medium
PROJECT_RANKING_ENVIRONMENT High
PROJECT_RANKING_INSTALLATION High



PROJECT_NUMBER	RC_LID_161
SITE_LOCATION	Large intersection - Worthington Street NW, 32 Street, NW, and 32 Place, NW
ADC_MAP_LOCATION	5408_A4
DRAINAGE_AREA_SIZE_(ACRES)	0.4815188
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDITIONS	Unnecessarily large intersection composed of impervious roadway.
PROJECT_DESCRIPTION	Reduce impervious surface at intersection and install bioretention to treat water from Worthington Street NW.
ESTIMATED_COST	\$40,929.00
PROJECT_RANKING_EDUCATION	medium
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High



PROJECT_NUMBER RC_LID_162
SITE_LOCATION Alley at 31st Street NW and Tennyson Street NW

ADC_MAP_LOCATION 5408_A5
DRAINAGE_AREA_SIZE_(ACRES) 0.1481236
APPROXIMATE_IMPERVIOUSNESS 0.00%
OWNERSHIP District
DESCRIPTION_OF_EXISTING_CONDITIONS Alleyway that is paved at far end and gravel for rest of length.
Gravel on compacted surface - no infiltration.

PROJECT_DESCRIPTION Remove imperviousness at dead end of alley and install bioretention. Potential regenerative stormwater conveyance.

ESTIMATED_COST \$12,591.00
PROJECT_RANKING_EDUCATION Low
PROJECT_RANKING_ENVIRONMENT Medium
PROJECT_RANKING_INSTALLATION High



PROJECT_NUMBER RC_LID_333
SITE_LOCATION Bioswale - Oregon Avenue Bridge and Pinehurst Branch NW

ADC_MAP_LOCATION 5408_B4
DRAINAGE_AREA_SIZE_(ACRES) 0.7969047
APPROXIMATE_IMPERVIOUSNESS 0.00%

DESCRIPTION_OF_EXISTING_CONDITIONS Active erosion at and around outfall on south side of Oregon Avenue Bridge over Pinehurst Branch. Asphalt and jersey barriers placed to stabilize erosion.

PROJECT_DESCRIPTION Install bioswales along Oregon Avenue south of bridge.
Potential install of regenerative stormwater conveyance for outfall.

ESTIMATED_COST \$27,892.00
PROJECT_RANKING_EDUCATION Medium
PROJECT_RANKING_ENVIRONMENT High
PROJECT_RANKING_INSTALLATION High



PROJECT_NUMBER
SITE_LOCATION

RC_LID_337
Beach Drive NW - Wise Road NW to Old Military Road NW

ADC_MAP_LOCATION

5408_C4toC7

DRAINAGE_AREA_SIZE_(ACRES)

43.64432

APPROXIMATE_IMPERVIOUSNESS

0.00%

DESCRIPTION_OF_EXISTING_CONDITIONS

Two lane road adjacent to Rock Creek. Road has curb and gutter with drainage culverts that drain directly into Rock Creek. Some parking pullouts along Beach Drive north and south of Sherrill Drive and north of Military Road NW.

PROJECT_DESCRIPTION

Install bioretention cells and/or bioswales for length of road to retain and detain stormwater from roadway. Bioretention at parking pullouts.

ESTIMATED_COST

\$1,527,551.00

PROJECT_RANKING_EDUCATION

High

PROJECT_RANKING_ENVIRONMENT

High

PROJECT_RANKING_INSTALLATION

High

