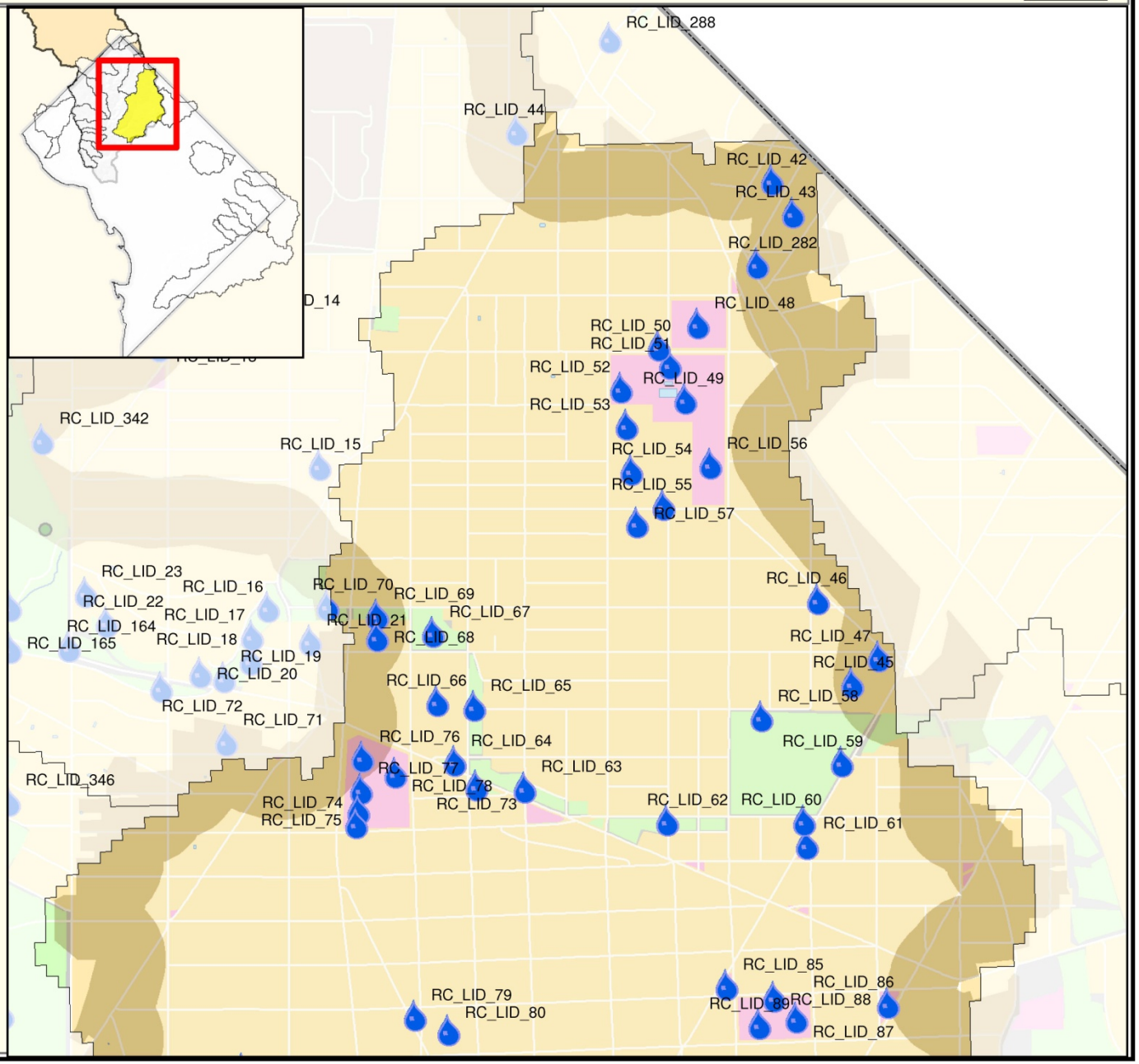
ROCK CREEK - PINEY BRANCH MANAGEMENT MAP



Legend

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

Miles
0 0.03 0.06

Scale: 1:14,680

0 0.025 0.05 0.1 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_042
SITE_LOCATION	Park between Willow Street NW and Maple Street NW
ADC_MAP_LOCATION	5408_H5
DRAINAGE_AREA_SIZE_(ACRES)	3.718689
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/Private
DESCRIPTION_OF_EXISTING_CONDTIONS	Maintained as a grassy field with some trees, positive drainage from Willow, Maple and Vine Streets, low point of park is an overland drainage and a former stream.
PROJECT_DESCRIPTION	Bioretention to treat run off from half of Willow Street, the half of Maple Street adjacent to the Park, and all of Vine Street.
ESTIMATED_COST	$130,154.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

PROJECT_NUMBER	RC_LID_043
SITE_LOCATION	Strayer University NW - 6830 Laurel St NW
ADC_MAP_LOCATION	5408_H5
DRAINAGE_AREA_SIZE_(ACRES)	4.499843
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	Private
DESCRIPTION_OF_EXISTING_CONDTIONS	Large flat-roofed buildings with adjacent parking lots and unused alley.
PROJECT_DESCRIPTION	Two parking lots with adjacent green space well suited for bio retention, an alley that can be repurposed for bioretention to treat the runoff from driveway and parking lots,
ESTIMATED_COST	$224,992.00
PROJECT_RANKING_EDUCATION	high
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	high

PROJECT_NUMBER	RC_LID_044
SITE_LOCATION	Takoma Educational Center School - 7010 Piney Branch Rd NW

ADC_MAP_LOCATION	5408_G4
DRAINAGE_AREA_SIZE_(ACRES)	6.688819
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District

DESCRIPTION_OF_EXISTING_CONDTIONS Large flat roofed building with internal downspouts, mix of paved and grassy areas surrounding the building including large playing field, courtyard, and basketball court. Surfaces in need of repair.

PROJECT_DESCRIPTION Reduction in impervious surfaces, impervious to pervious surfaces, bioretention to drain courtyard areas, existing drains can be retrofitted with bioretention to treat playgrounds, parking, reforestation, etc. Green roof.

ESTIMATED_COST	$334,441.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

PROJECT_NUMBER	RC_LID_045
SITE_LOCATION	KAMIT Public Charter School - 100 Peabody Street, NW
ADC_MAP_LOCATION	5408_J7
DRAINAGE_AREA_SIZE_(ACRES)	8.12675
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	Large flat roofed building with internal downspouts, mix of paved and grassy areas surrounding the building including large playing field, and newly paved basketball court. Surfaces in need of repair.
PROJECT_DESCRIPTION	Reduction in impervious surfaces, bioretention to drain parking areas, existing drains can be retrofitted with bioretention. Potential bioretention to treat road runoff from Kansas Ave. Reforestation. Green roof.
ESTIMATED_COST	$690,774.00
PROJECT_RANKING_EDUCATION	high
PROJECT_RANKING_ENVIRONMENT	high

PROJECT_NUMBER	RC_LID_046
SITE_LOCATION	Triangle Park - 2nd Street NW and North Dakota Ave NW
ADC_MAP_LOCATION	5408_H6
DRAINAGE_AREA_SIZE_(ACRES)	0.4284562
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	Triangle park at intersection of three roads - Quackenbos, 2nd Street, North Dakota Ave. NW - Primarily grass with raised curb. A few trees and shrubs.
PROJECT_DESCRIPTION	LID in triangle park to treat stormwater runoff from North Dakota Ave.
ESTIMATED_COST	$14,996.00
PROJECT_RANKING_EDUCATION	low
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	high

PROJECT_NUMBER	RC_LID_047
SITE_LOCATION	Traffic triangle - Blair Street, NW, Peabody Street, NW and North Dakota Ave NW
ADC_MAP_LOCATION	5408_J7
DRAINAGE_AREA_SIZE_(ACRES)	0.5938025
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	Triangle park at intersection of three roads - N. Dakota, Peabody St NW, Blair Street, North Dakota Ave. NW - All grass.
PROJECT_DESCRIPTION	LID in triangle park to treat stormwater runoff from all three roads. North Dakota Ave. NW could be narrowed at the site as well to provide additional treatment area because road is one way.
ESTIMATED_COST	$29,690.00
PROJECT_RANKING_EDUCATION	high
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	high

PROJECT_NUMBER	RC_LID_048
SITE_LOCATION	Takoma Recreation Center - North of Van Buren Road NW - 300 Van Buren Street, NW
ADC_MAP_LOCATION	5408_H5
DRAINAGE_AREA_SIZE_(ACRES)	5.577196
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	Area is multi-use grass area with baseball field, picnic area, basketball court, community garden.
PROJECT_DESCRIPTION	Impervious areas can be removed - particularly unused shuffleboard courts. Rain barrels can be used to capture roof run off of the field house. Reforestation.
ESTIMATED_COST	$195,202.00
PROJECT_RANKING_EDUCATION	high
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	high

PROJECT_NUMBER	RC_LID_049
SITE_LOCATION	Takoma Recreation Center - South of Van Buren Street NW - 300 Van Buren Street, NW
ADC_MAP_LOCATION	5408_H5
DRAINAGE_AREA_SIZE_(ACRES)	8.220811
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	A large indoor pool with external downspouts, recreation center, multiple playing fields, tennis courts and parking lot.
PROJECT_DESCRIPTION	Treat runoff from pool roof and rec. center roof with bioretention and/or cisterns, treat parking lot run off with bioretention, remove unused pathways and replace fire lane with pervious surface. Reforestation & sediment control.
ESTIMATED_COST	$287,728.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

PROJECT_NUMBER	RC_LID_050
SITE_LOCATION	Van Buren Street NW between 5th and 3rd Streets NW
ADC_MAP_LOCATION	5408_H5
DRAINAGE_AREA_SIZE_(ACRES)	1.790387
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	Van Buren Street is a one way road that was once a two way road. It was made one way for traffic calming purposes.
PROJECT_DESCRIPTION	Van Buren could be narrowed and made like a SEA street to calm traffic and fit with park atmosphere of area.
ESTIMATED_COST	$62,664.00
PROJECT_RANKING_EDUCATION	high
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	high

PROJECT_NUMBER	RC_LID_051
SITE_LOCATION	Takoma Recreation Center - South of Van Buren Street - 300 Van Buren Street, NW
ADC_MAP_LOCATION	5408_H5
DRAINAGE_AREA_SIZE_(ACRES)	3.483559
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	On the north side of the facility there is an area of erosion that is causing sediment to accumulate on the walkways. There are also mature trees and large grassy areas
PROJECT_DESCRIPTION	Regrading and revegetating the erosion area and planting shade trees to add tree cover to the park.
ESTIMATED_COST	$121,925.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

PROJECT_NUMBER	RC_LID_052
SITE_LOCATION	5th Street NW between Van Buren Street NW and Underwood Street NW
ADC_MAP_LOCATION	5038_H5
DRAINAGE_AREA_SIZE_(ACRES)	1.843385
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	5th Street typical roadway with curb and gutter adjacent to open parkland.
PROJECT_DESCRIPTION	Redirect stormwater from the street into bioretention in low point of park.
ESTIMATED_COST	$64,518.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

PROJECT_NUMBER	RC_LID_053
SITE_LOCATION	Coolidge High School North of Tuckerman - 6315 5th Street, NW

ADC_MAP_LOCATION	5408_G6
DRAINAGE_AREA_SIZE_(ACRES)	2.69112
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	5th Street drains to sewers. Large open space between street and Coolidge Activity Center.

PROJECT_DESCRIPTION	Bioswale could be placed between Activity Center and 5th Street to treat runoff from 5th Street and Underwood. Underdrains in place.

ESTIMATED_COST	$94,189.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

PROJECT_NUMBER	RC_LID_054
SITE_LOCATION	Coolidge High School Sheridan to Tuckerman - 6315 5th Street, NW

ADC_MAP_LOCATION	5408_G6
DRAINAGE_AREA_SIZE_(ACRES)	4.482653
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 including new turf playing field.

PROJECT_DESCRIPTION	Removal of impervious surfaces north of Activity Center. Potential vegetated roof on Activity Center. Bioretention on NE corner of 5th & Sheridan NW to treat stormwater from 5th Street between Tuckerman & Sheridan.

ESTIMATED_COST	$381,026.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

PROJECT_NUMBER	RC_LID_055
SITE_LOCATION	Sheridan Street NW between 5th Street and 3rd Street
ADC_MAP_LOCATION	5408_H6
DRAINAGE_AREA_SIZE_(ACRES)	2.110084
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	Roadway drains to storm sewers. Grassy open space on side of roadway.
PROJECT_DESCRIPTION	Bioretention could be installed on north side of Sheridan to treat stormwater from Sheridan Street between 5th and 3rd Streets.
ESTIMATED_COST	$73,853.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

PROJECT_NUMBER	RC_LID_056
SITE_LOCATION	3rd Street NW between Tuckerman and Sheridan Streets
ADC_MAP_LOCATION	5408_H6
DRAINAGE_AREA_SIZE_(ACRES)	4.312224
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	Roadway drains to storm sewers. Grassy open space on side of roadway.
PROJECT_DESCRIPTION	Bioretention could be installed on west side of 3rd Street NW to treat stormwater from Sheridan and Tuckerman Streets.
ESTIMATED_COST	$366,539.00
PROJECT_RANKING_EDUCATION	Medium
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

PROJECT_NUMBER	RC_LID_057
SITE_LOCATION	Whittier Elementary School - 6201 5th St NW
ADC_MAP_LOCATION	5408_G6
DRAINAGE_AREA_SIZE_(ACRES)	2.364798
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	Parking area and play areas paved but in poor condition. Large building with external downspouts.
PROJECT_DESCRIPTION	Bioretention in SW corner of school - drains playground area. Bioretention planters around the school to take water from downspouts. Removal of pavement and replacement with permeable pavement.
ESTIMATED_COST	$118,240.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	Medium
PROJECT_RANKING_INSTALLATION	High

PROJECT_NUMBER	RC_LID_058
SITE_LOCATION	Fort Circle Park - Oglethorpe Street, NW between 1st and 3rd
ADC_MAP_LOCATION	5408_H7
DRAINAGE_AREA_SIZE_(ACRES)	1.665267
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Roadway drains to sewers. Large open parkland adjacent to roadway.
PROJECT_DESCRIPTION	Bioretention on south side of Oglethorpe between 1st and 3rd to treat water from roadway. Reforestation.
ESTIMATED_COST	$58,284.00
PROJECT_RANKING_EDUCATION	medium
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	low

PROJECT_NUMBER	RC_LID_065
SITE_LOCATION	Park land - 8th Street NW between Nicholson Street NW and Peabody Street NW
ADC_MAP_LOCATION	5408_G7
DRAINAGE_AREA_SIZE_(ACRES)	2.533313
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Roadway drains to sewers. Open grass adjacent to roadway.
PROJECT_DESCRIPTION	Bioretention could be installed in parkland east of roadway to treat roadway runoff.
ESTIMATED_COST	$88,666.00
PROJECT_RANKING_EDUCATION	medium
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	low

PROJECT_NUMBER	RC_LID_066
SITE_LOCATION	Paul Junior High Public Charter School - 5800 8th Street NW
ADC_MAP_LOCATION	5408_F7
DRAINAGE_AREA_SIZE_(ACRES)	9.418977
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	Install LID in SW corner of property to treat stormwater from parking lot. Correct trail on south side of property with erosion. Remove unneeded impervious surfaces. Replace needed ones with pervious paving. Green roof potential. Reforestation.
ESTIMATED_COST	$800,613.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

PROJECT_NUMBER	RC_LID_067
SITE_LOCATION	Fort Circle Park - 9th Street NW between Quackenbos Street NW and Peabody Street NW
ADC_MAP_LOCATION	5408_F6
DRAINAGE_AREA_SIZE_(ACRES)	3.924101
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Active erosion along 9th Street - no curb & gutter. Open grass area to east of 9th Street NW that could treat roadway runoff.
PROJECT_DESCRIPTION	Bioretention can be installed on the east side of 9th Street to treat stormwater coming from 9th Street, Quackenbos and potentially Peabody. Reforestation.
ESTIMATED_COST	$137,344.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	low

PROJECT_NUMBER	RC_LID_068
SITE_LOCATION	4th District Police Station -6001 Georgia Ave NW
ADC_MAP_LOCATION	5408_F6
DRAINAGE_AREA_SIZE_(ACRES)	2.971978
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	Large roof & parking lot with no stormwater controls.
PROJECT_DESCRIPTION	Install sand filter or similar technology to treat stormwater from parking lot. Green roof. Change impervious lot to pervious one.
ESTIMATED_COST	$252,618.00
PROJECT_RANKING_EDUCATION	low
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	high

PROJECT_NUMBER	RC_LID_069
SITE_LOCATION	Fort Circle Park - Quackenbos Street NW between Georgia Avenue NW and 9th Street NW
ADC_MAP_LOCATION	5408_F6
DRAINAGE_AREA_SIZE_(ACRES)	1.344442
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Roadway drains to storm drains - adjacent park area open and grassy.
PROJECT_DESCRIPTION	Bioretention can be installed on the south side of Quackenbos to treat stormwater coming from Georgia Avenue NW and Quackenbos Street NW.
ESTIMATED_COST	$47,055.00
PROJECT_RANKING_EDUCATION	medium
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	low

PROJECT_NUMBER	RC_LID_070
SITE_LOCATION	Fort Circle Park - along Quackenbos Street NW between Georgia Avenue NW and 13th Street NW
ADC_MAP_LOCATION	5408_F6
DRAINAGE_AREA_SIZE_(ACRES)	3.185252
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Roadway drains to storm drains - adjacent park area open and grassy.
PROJECT_DESCRIPTION	Bioretention can be installed on the south side of Quackenbos Street to treat stormwater coming from Georgia Avenue NW and Quackenbos Street NW.
ESTIMATED_COST	$111,484.00
PROJECT_RANKING_EDUCATION	medium
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	low