



# ROCK CREEK - KLINGLE RUN MANAGEMENT MAP



## Legend

- Stormwater LID Retrofit Sites
- Trash Pickup Sites
- Fish Passage Maintenance
- Waterbodies
- DC Parks & Recreation
- National Park Service

0 0.05 0.1 Miles

Scale: 1:8,900

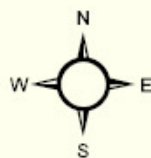
0 0.025 0.05 0.1 Miles

Source:  
District Department of  
the Environment

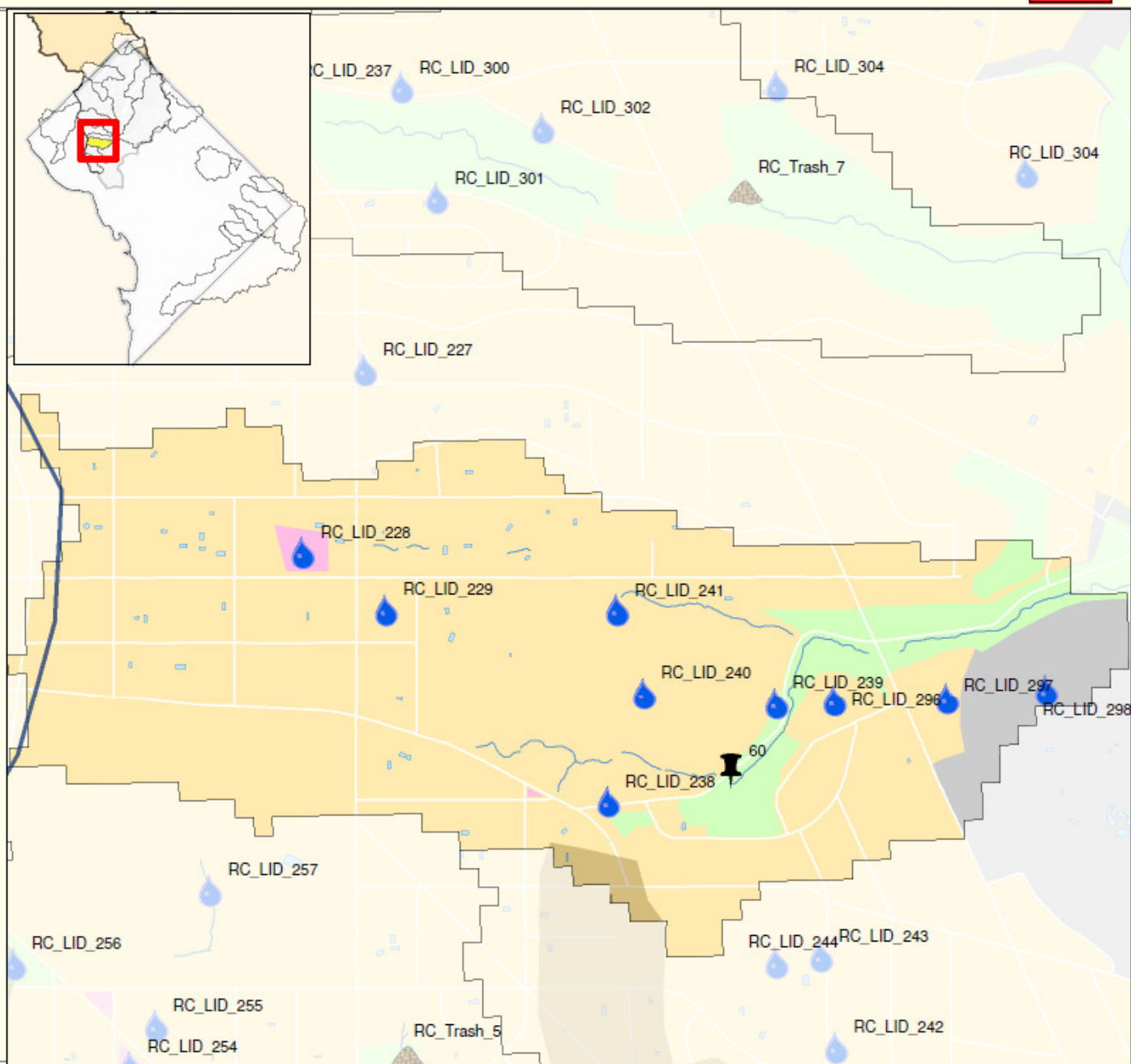
Prepared by: DDOE WPD

Date: July 31, 2010

Coordinate System:  
NAD 1983 StatePlane Maryland FIPS 1900



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PROJECT\_NUMBER

SITE\_LOCATION

RC\_LID\_228

Macomb Recreation Center - 3409 Macomb St NW

ADC\_MAP\_LOCATION

DRAINAGE\_AREA\_SIZE\_(ACRES)

APPROXIMATE\_IMPERVIOUSNESS

OWNERSHIP

DESCRIPTION\_OF\_EXISTING\_CONDTIONS

5527\_K1

1.429114

0.00%

District

Small recreation center with playground, basketball court, small ball field and recreation building. Swale along edge of park to drain park runoff to catch basin.

PROJECT\_DESCRIPTION

Remove concrete square next to recreation center and install bioretention cell to infiltrate runoff from play area and center. Install bioretention swale along edge of park to capture runoff from ditch.

ESTIMATED\_COST

PROJECT\_RANKING\_EDUCATION

PROJECT\_RANKING\_ENVIRONMENT

PROJECT\_RANKING\_INSTALLATION

\$71,456.00

High

High

High





PROJECT_NUMBER	RC_LID_229
SITE_LOCATION	Eaton Elementary School - 3301 Lowell St NW
ADC_MAP_LOCATION	5527_K1
DRAINAGE_AREA_SIZE_(ACRES)	2.104223
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District
DESCRIPTION_OF_EXISTING_CONDTIONS	Sloped roofs with external downspouts. Building surrounded with impervious playground area and walkways. Erosion by the stairs leading to the basketball court and concrete lot. Steep slopes surrounding school.
PROJECT_DESCRIPTION	impervious reduction of playground concrete install bioretention and/or permeable concrete. Install cisterns and bioretention planters for external downspouts. Install pervious pavers in courtyard entrance to school and plant large trees.
ESTIMATED_COST	\$178,859.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High





PROJECT_NUMBER	RC_LID_238
SITE_LOCATION	Tregaron Park - Klingle Road NW and Cortland Place NW
ADC_MAP_LOCATION	5528_A2
DRAINAGE_AREA_SIZE_(ACRES)	0.703007
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Wooded park area adjacent to Klingle Road with constructed pond. Park is below Klingle Road grade. Klingle Road has curb and gutter.
PROJECT_DESCRIPTION	Install cistern system to take the runoff from Klingle Road to the constructed pond in Tregaron Park. Install bioretention along road/bridge through park to reduce stormwater. Install wetland where stream through park intersects with Klingle Road.
ESTIMATED_COST	\$24,605.00
PROJECT_RANKING_EDUCATION	high
PROJECT_RANKING_ENVIRONMENT	high
PROJECT_RANKING_INSTALLATION	medium





PROJECT_NUMBER	RC_LID_239
SITE_LOCATION	Klinge Road, NW from Cortland Place NW to Beach Drive NW
ADC_MAP_LOCATION	5528_A2&B1
DRAINAGE_AREA_SIZE_(ACRES)	2.276477
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	District/NPS
DESCRIPTION_OF_EXISTING_CONDTIONS	Roadway closed and collapsing. Evidence of severe erosion.

PROJECT\_DESCRIPTION

Remove impervious roadway. Install bioswale along new path into park and large bioretention cell where Klinge currently cloverleaves to Beach Drive. Regenerative stormwater conveyance at outfall into Klinge Run.

ESTIMATED_COST	\$227,648.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High





PROJECT_NUMBER	RC_LID_240
SITE_LOCATION	Washington International School - 3100 Macomb Street NW
ADC_MAP_LOCATION	5527_K1
DRAINAGE_AREA_SIZE_(ACRES)	7.252525
APPROXIMATE_IMPERVIOUSNESS	0.00%
OWNERSHIP	Private
DESCRIPTION_OF_EXISTING_CONDTIONS	Large wooded campus with some fields, several sloped roof buildings with external downspouts, impervious parking lots and roadways.
PROJECT_DESCRIPTION	Cisterns and bioretention to capture runoff from rooftops. Bioretention at base of fields. Replace impervious parking with pervious paving. Reforestation.
ESTIMATED_COST	\$362,626.00
PROJECT_RANKING_EDUCATION	High
PROJECT_RANKING_ENVIRONMENT	Medium
PROJECT_RANKING_INSTALLATION	Low





PROJECT\_NUMBER

SITE\_LOCATION

RC\_LID\_241

Washington International School - 3100 Macomb Street NW

ADC\_MAP\_LOCATION

DRAINAGE\_AREA\_SIZE\_(ACRES)

APPROXIMATE\_IMPERVIOUSNESS

OWNERSHIP

DESCRIPTION\_OF\_EXISTING\_CONDTIONS

5527\_K1

0.8676863

0.00%

Private

Roadway from Macomb Street NW to campus. Impervious with concrete swale to storm drains.

PROJECT\_DESCRIPTION

Install bioswale along Campus Road. Install large bioretention in open space adjacent to the campus gate to capture stormwater from Campus Road.

ESTIMATED\_COST

PROJECT\_RANKING\_EDUCATION

PROJECT\_RANKING\_ENVIRONMENT

PROJECT\_RANKING\_INSTALLATION

\$30,369.00

High

Medium

Low



PROJECT_NUMBER	RC_LID_296
SITE_LOCATION	Apartment Building - 2737 Devonshire Place NW
ADC_MAP_LOCATION	5528_A1
DRAINAGE_AREA_SIZE_(ACRES)	2.841648
APPROXIMATE_IMPERVIOUSNESS	0.00%
DESCRIPTION_OF_EXISTING_CONDTIONS	Large apartment building with no stormwater treatment. Stormwater drains directly into Kingle Run.
PROJECT_DESCRIPTION	Install green roof, cisterns and/or other stormwater retention systems to treat stormwater from apartment complex.
ESTIMATED_COST	\$241,540.00
PROJECT_RANKING_EDUCATION	Medium
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	Low



PROJECT_NUMBER	RC_LID_297
SITE_LOCATION	Kennedy Warren Apartment Complex - 3133 Connecticut Avenue NW
ADC_MAP_LOCATION	5528_A1
DRAINAGE_AREA_SIZE_(ACRES)	3.716659
APPROXIMATE_IMPERVIOUSNESS	0.00%
DESCRIPTION_OF_EXISTING_CONDTIONS	Large apartment building with little stormwater treatment. Stormwater drains directly into Klinge Run.
PROJECT_DESCRIPTION	Install green roof, cisterns and/or other stormwater retention systems to treat stormwater from apartment complex.
ESTIMATED_COST	\$315,916.00
PROJECT_RANKING_EDUCATION	Medium
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	Low

PROJECT_NUMBER	RC_LID_298
SITE_LOCATION	National Zoological Park
ADC_MAP_LOCATION	5528_B1
DRAINAGE_AREA_SIZE_(ACRES)	5.661296
APPROXIMATE_IMPERVIOUSNESS	0.00%
DESCRIPTION_OF_EXISTING_CONDTIONS	Deeply incised stormwater outfall running from roadway to Rock Creek. Large pipe installed to direct stormwater directly to Rock Creek.
PROJECT_DESCRIPTION	Remove pipe and install regenerative stormwater conveyance to treat stormwater from parking lot to Rock Creek.
ESTIMATED_COST	\$75,000.00
PROJECT_RANKING_EDUCATION	Medium
PROJECT_RANKING_ENVIRONMENT	High
PROJECT_RANKING_INSTALLATION	High

