

CATCHMENT B-21

Catchment Characteristics

DEP ID B-21
 Size 33 acres
 Impervious Cover Breakdown
 Rooftop 27% (3.6 acres)
 Parking 50% (7.8 acres)
 Roadway 23% (3.6 acres)

Existing Stormwater Management System –
 Yes, for one discharge within catchment
 Stormwater Infrastructure Ownership – State, City
 and Private

Opportunity Overview

Tier 1: Implement water quality retrofit within existing dry detention basin on private property. Private system accepts runoff from private and public infrastructure.

Tier 2: Implement additional water quality retrofits for other primary discharge within catchment.

Tier 3: Implement additional water quality retrofits for impervious cover within catchment, including soil enhancement demonstration project for pervious commercial lawn areas.

Tier	Retrofit ID#	Estimated Cost
1	WB_007	\$175,000
2	WB_002 WB_004 WB_001 WB_003	\$94,000
3	Additional IC WQ enhancements	\$533,000

Considerations

Tier 1 retrofit may require a bypass or upstream detention for this system to operate at full effectiveness. Limited hydraulic head may complicate some Tier 2 retrofit opportunities.



Legend

Storm Structures
 Structure Type
 Catchbasin
 Manhole
 Other Structure
 Outlet Control Structure

Storm Pipes
 Pipe Type
 Culvert
 Gravity
 Other
 Roof Drain

Drainage Features
 Feature Type
 Detention Pond
 Waterbody
 Wet Area
 Parcel Boundaries

Legend

Storm Structures
 Structure Type
 Esplanade Box Filter
 Gravel Wetland
 Soil Media Filter
 Rain Garden

