

# CATCHMENT C-08

## Catchment Characteristics

DEP ID C-08  
Size 40 acres  
Impervious Cover Breakdown  
Rooftop 33% (10 acres)  
Parking 66% (20 acres)  
Roadway 1% (0.4 acres)

Existing Stormwater Management System – Yes  
Stormwater Infrastructure Ownership – Private

## Opportunity Overview

**Tier 1:** Implement water quality retrofit within existing dry detention basin on Fairchild Semiconductor property.  
**Tier 2:** Implement additional water quality retrofits within other existing dry detention basins on National Semiconductor property.  
**Tier 3:** Implement additional water quality retrofits for impervious cover within catchment.

Tier	Retrofit ID#	Estimated Cost
1	SPO_018	\$130,000
2	SPO_019	\$35,000
3	Additional IC WQ enhancements	\$1,913,000

## Considerations

Tier 1 retrofit will require a bypass for other stormwater drainage from National Semiconductor property through dry detention basin. Limited hydraulic head may complicate Tier 2 retrofit on National Semiconductor property.



**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

