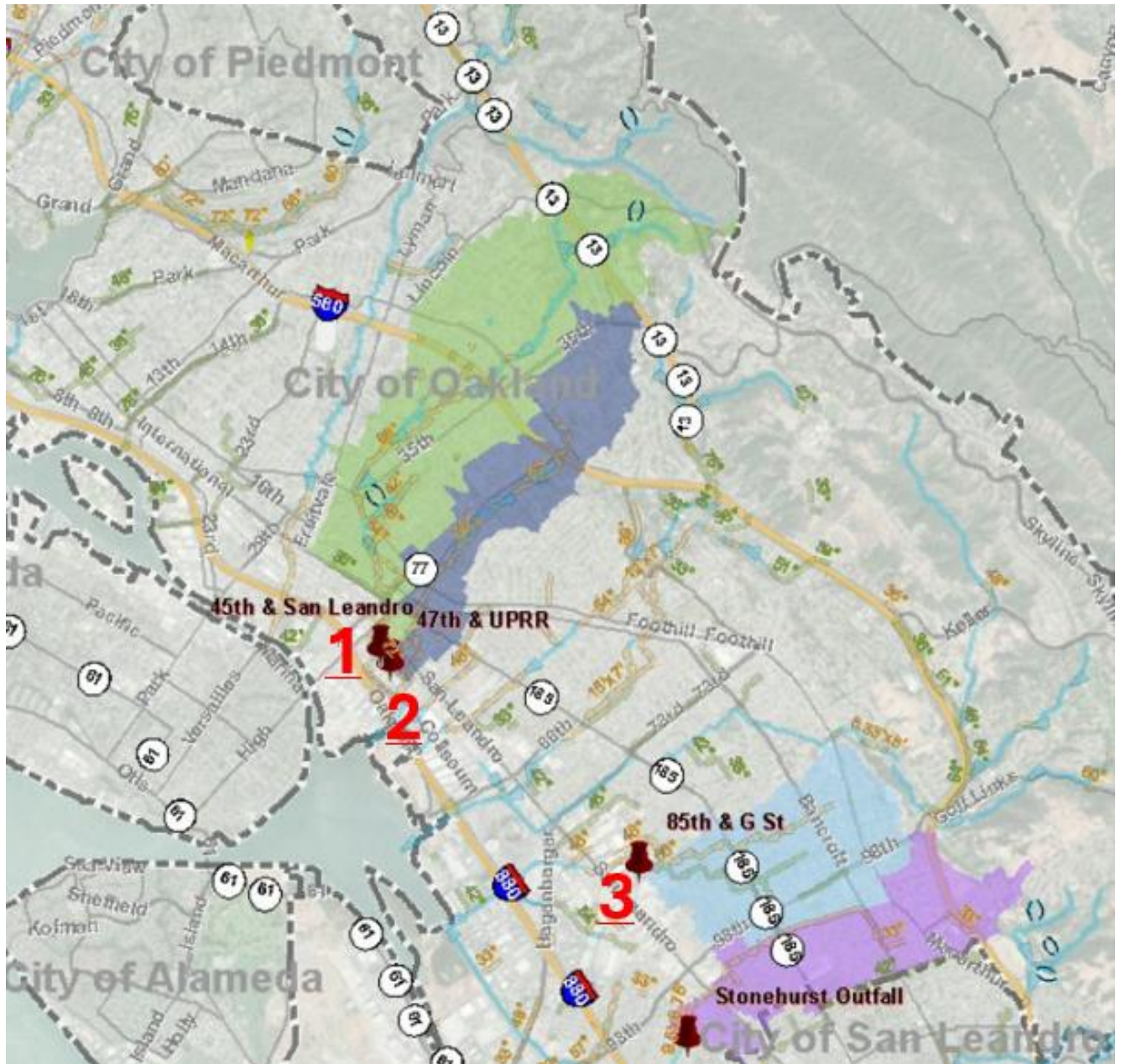


Attachment C

Watershed areas of large trash capture projects:

1. 45th Avenue and San Leandro Street
2. 47th Avenue and Union Pacific Rail Road (UPRR)
3. 85th Avenue and G Street.



45th & San Leandro Street

Project Owner: The City of Oakland

Project Description

This is one of five sites identified for proposed large trash capture facilities. The proposed Debris Separating Baffle Box (DSBB) is located at the intersection of 45th Avenue and San Leandro Street along Peralta Creek storm sewer system.



Proposed DSBB Location

Caltrans Hydraulic Connectivity to Project

The watershed flows southwest towards the proposed DSBB device. It intersects with three Caltrans ROW boundaries: Interstate 580, State Route 13, and State Route 185. All three routes drain towards the south. On Interstate 580, the water exits Caltrans ROW through storm drain pipes at six different points: one on Harold St, two on Suter St, two on Arkansas St, and one on Viola St. On State Route 13, the water exits Caltrans ROW through storm drain pipes at three points on Monterey Blvd. On State Route 185, the water exits Caltrans ROW at three different points: one on 42nd Ave, one on 45th Ave, and one on 46th Ave. An inlet at the intersection of 42nd Ave and State Route 185 within Caltrans ROW is collecting runoff that is not included in the project's watershed.

Significant Trash Generation Area (STGA) Breakdown

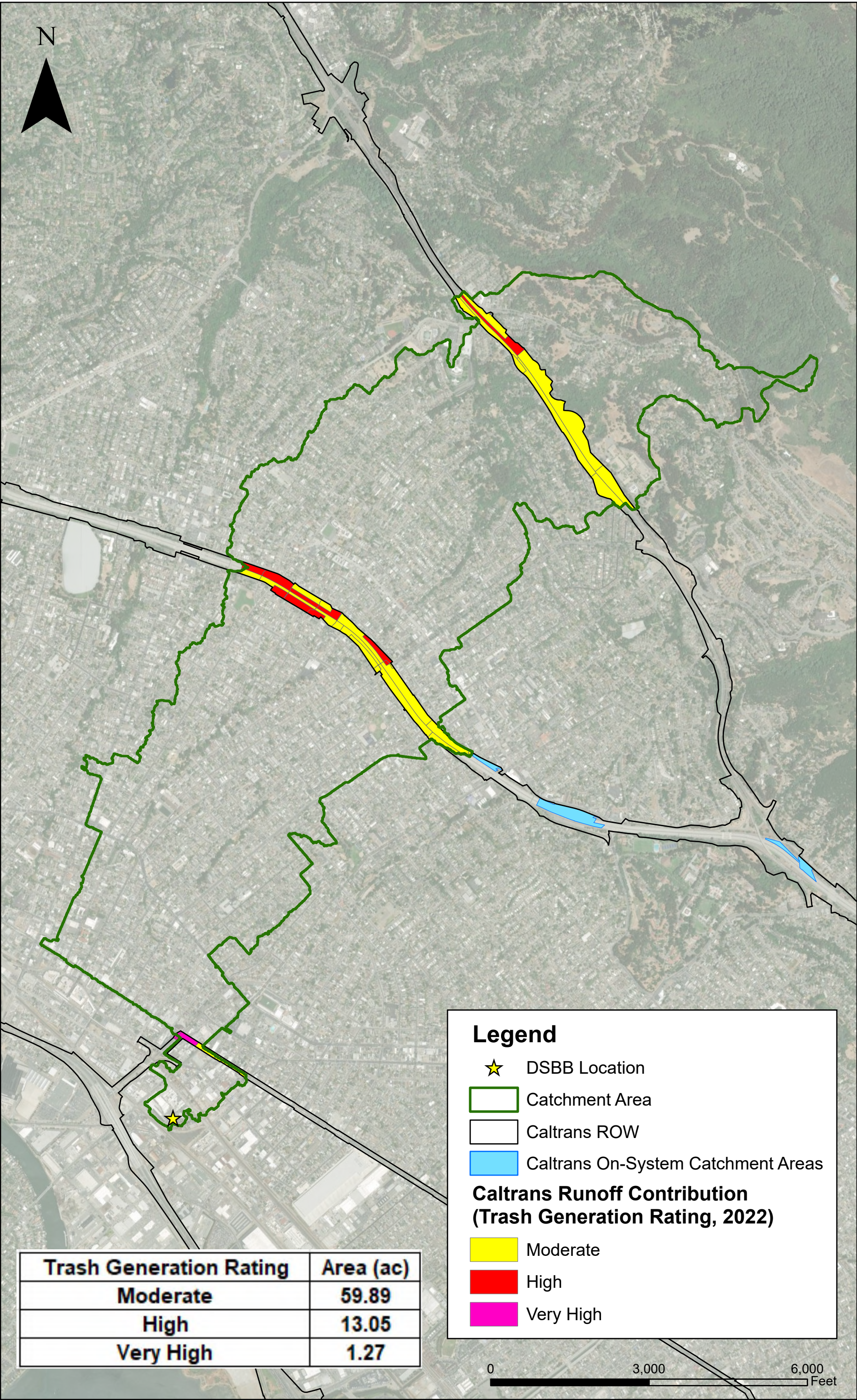
Total Project Watershed Area (ac): 1678.95*

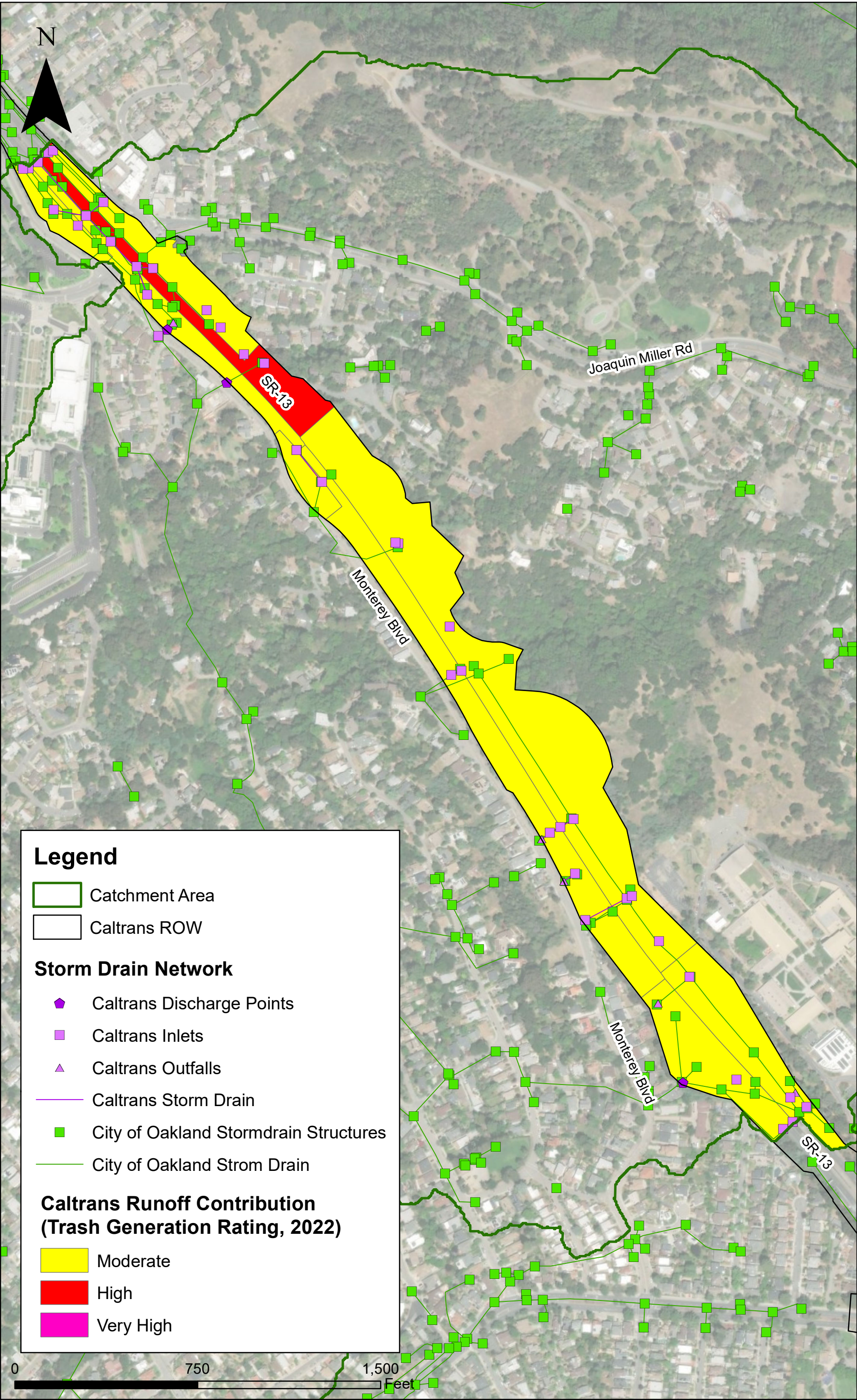
*An additional 0.21 ac of Caltrans ROW not accounted for in the Total Project Watershed Area also drains to the DBSS device.

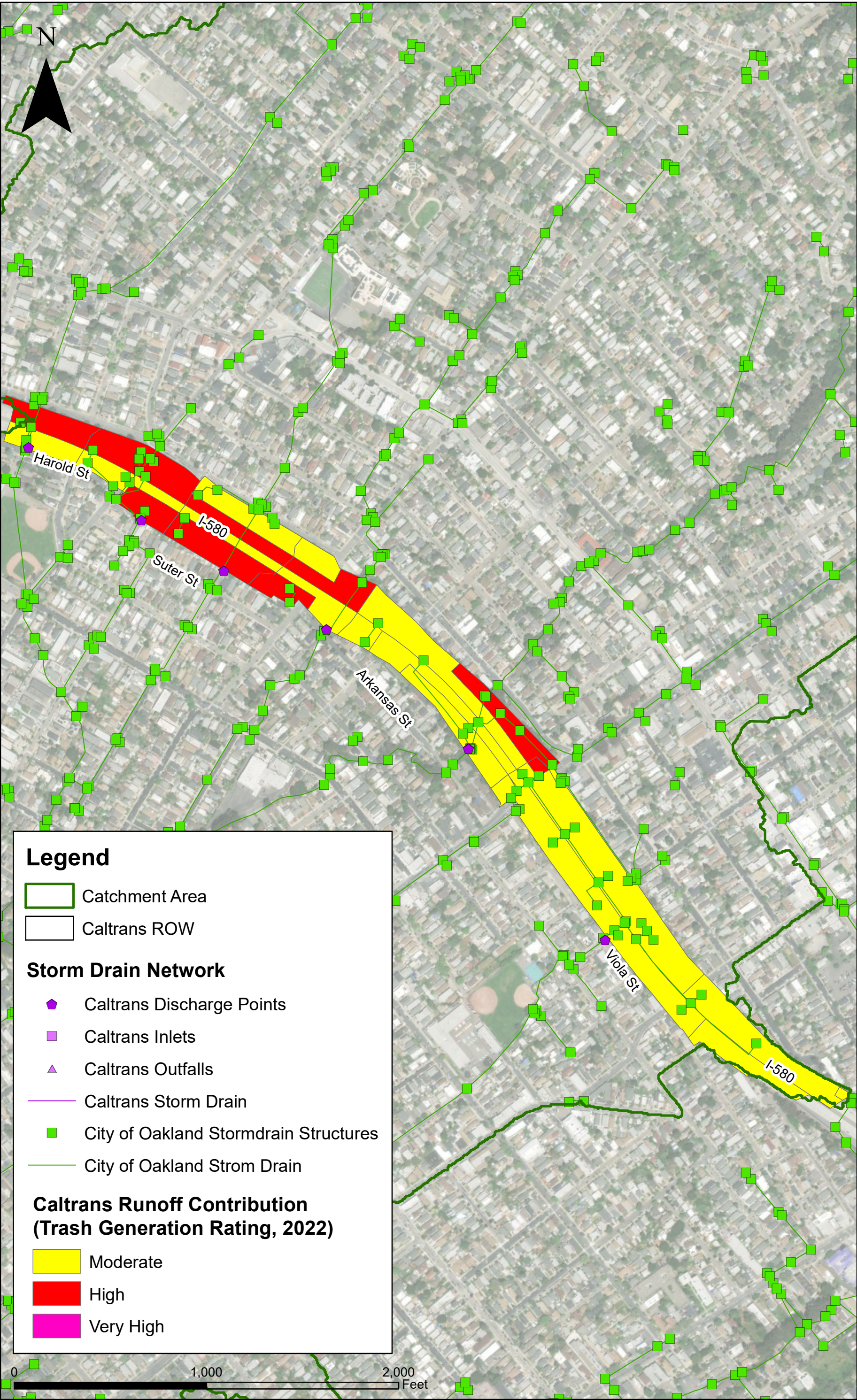
Watershed Area within Caltrans Right of Way (ac): 74.21

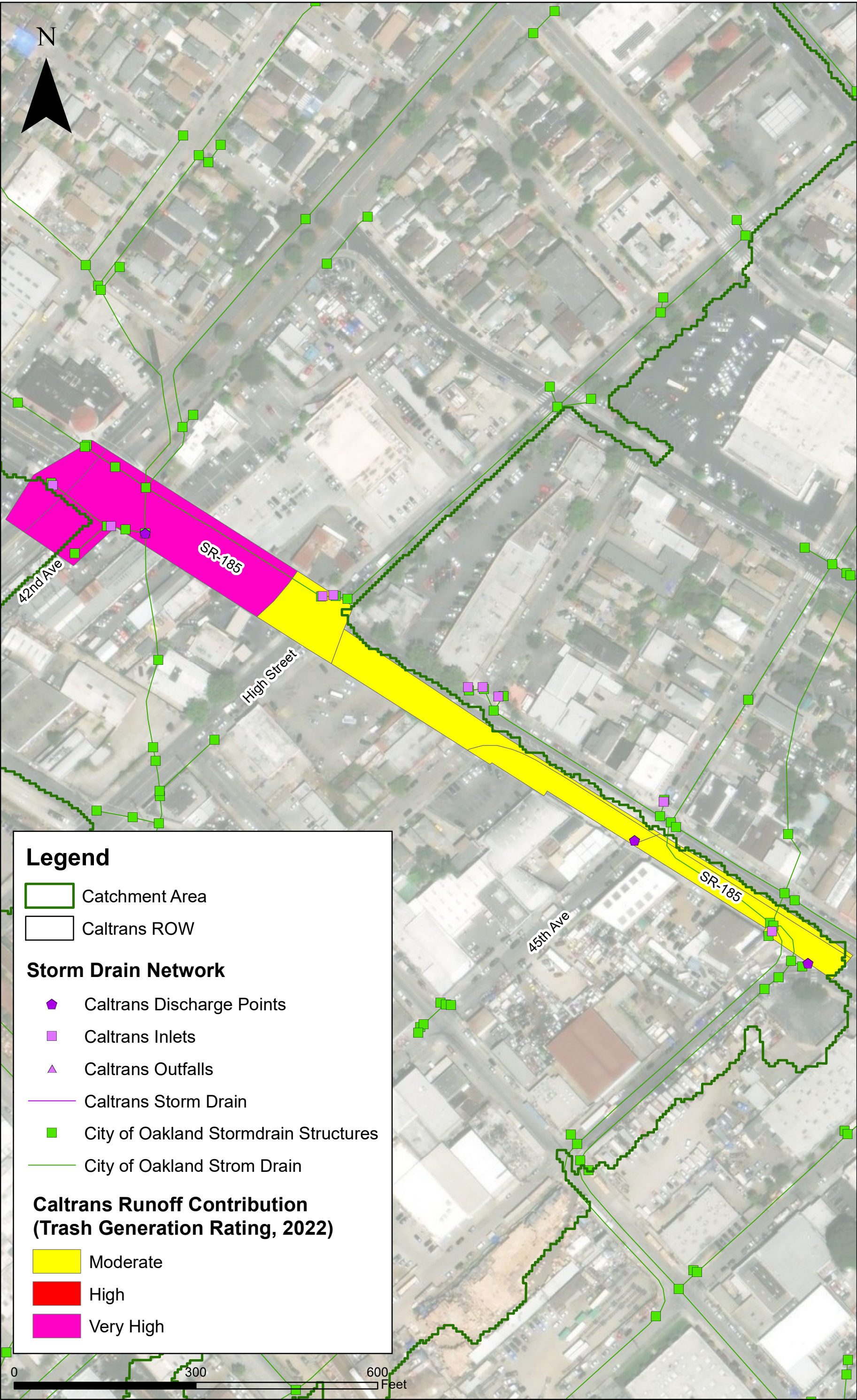
No conflicting projects within catchment area.

STGA Rating	Area (ac)
Very High	1.27
High	13.05
Moderate	59.89
Low	0
Unrated	0
Total	74.21









47th & UPRR

Project Owner: The City of Oakland

Project Description

This is one of five sites identified for proposed large trash capture facilities. The proposed Debris Separating Baffle Box (DSBB) is located at the intersection of 47th Avenue and Union Pacific Railroad (UPRR) along Courtland Creek storm sewer system.



Proposed DSBB Location

Caltrans Hydraulic Connectivity to Project

The watershed flows southwest towards the proposed DSBB device. It intersects with two Caltrans ROW boundaries: Interstate 580, and State Route 185. Both routes drain towards the south. On Interstate 580, the water exits Caltrans ROW through storm drain pipes at two different points on High St. On State Route 185, the water exits Caltrans ROW at three different points: one on 46th Ave, one on 47th Ave, and one on 49th Ave. An inlet on eastbound side of Interstate 580 within Caltrans ROW is collecting runoff that is not included in the project's watershed.

Significant Trash Generation Area (STGA) Breakdown

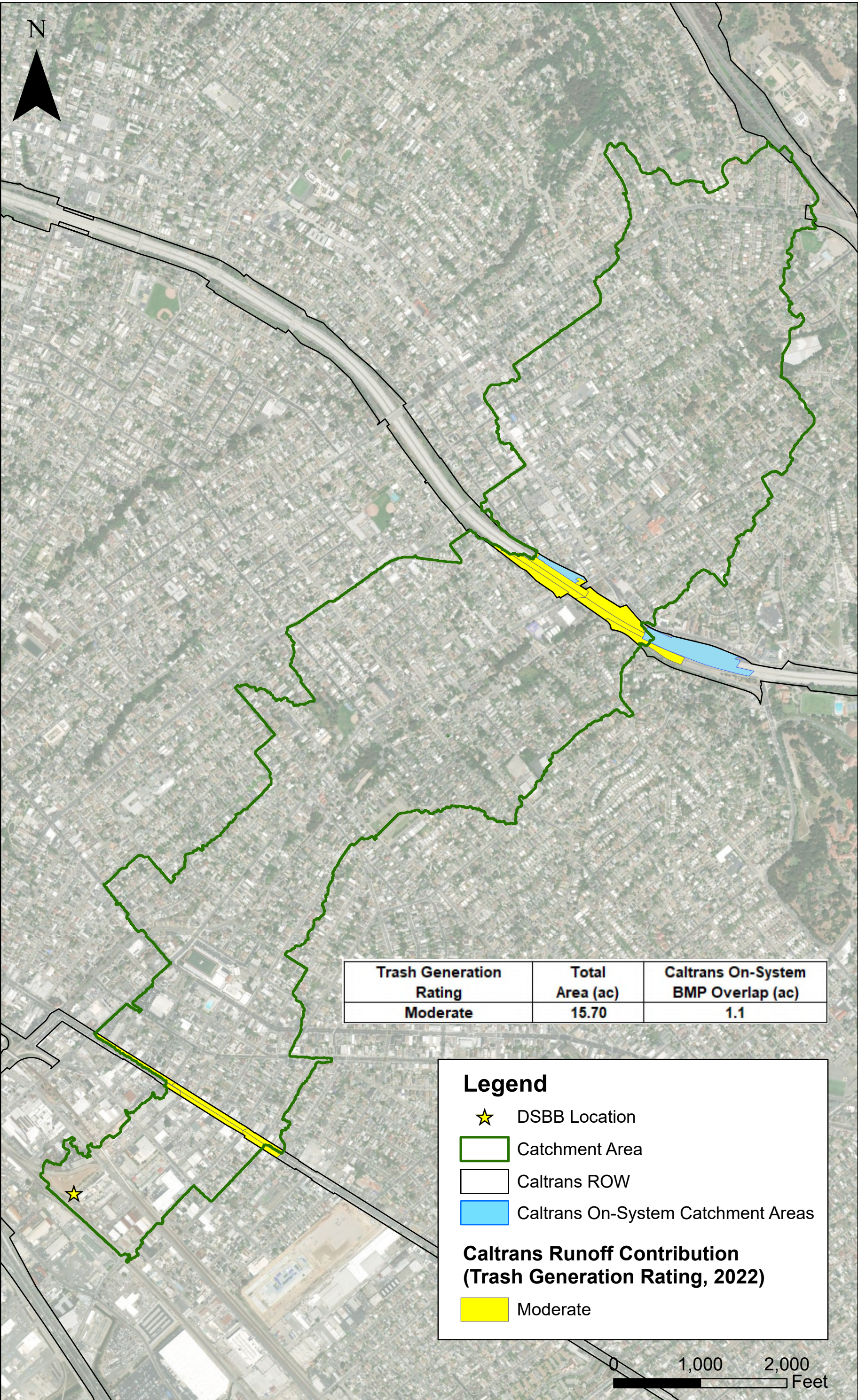
Total Project Watershed Area (ac): 751.51*

*An additional 1.16 ac of Caltrans ROW not accounted for in the Total Project Watershed Area also drains to the DSBB device.

Watershed Area within Caltrans Right of Way (ac): 15.70

There is 1.1 acres of overlap with on-system BMPs within the catchment area.

STGA Rating	Area (ac)
Very High	0
High	0
Moderate	15.70
Low	0
Unrated	0
Total	15.70

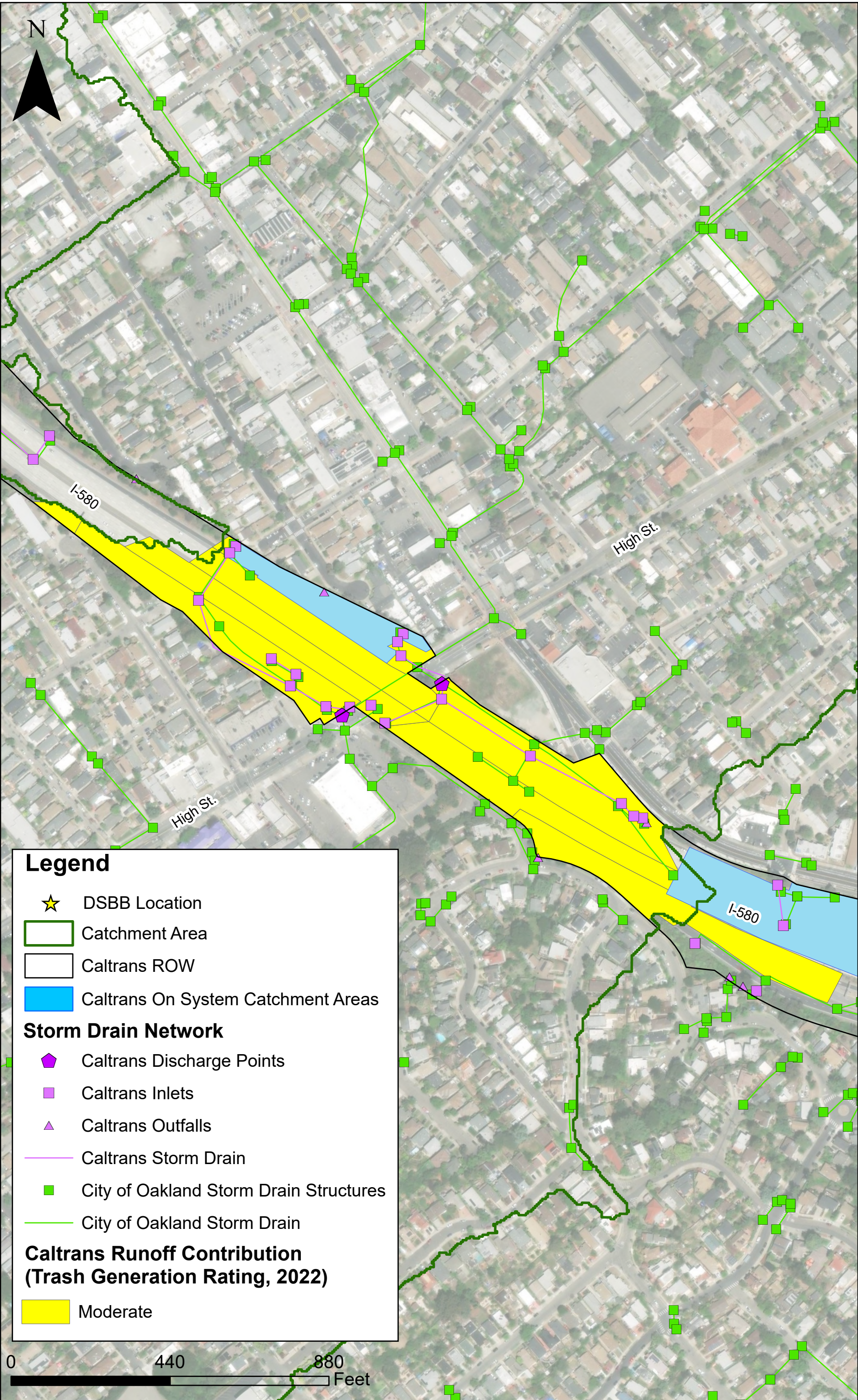


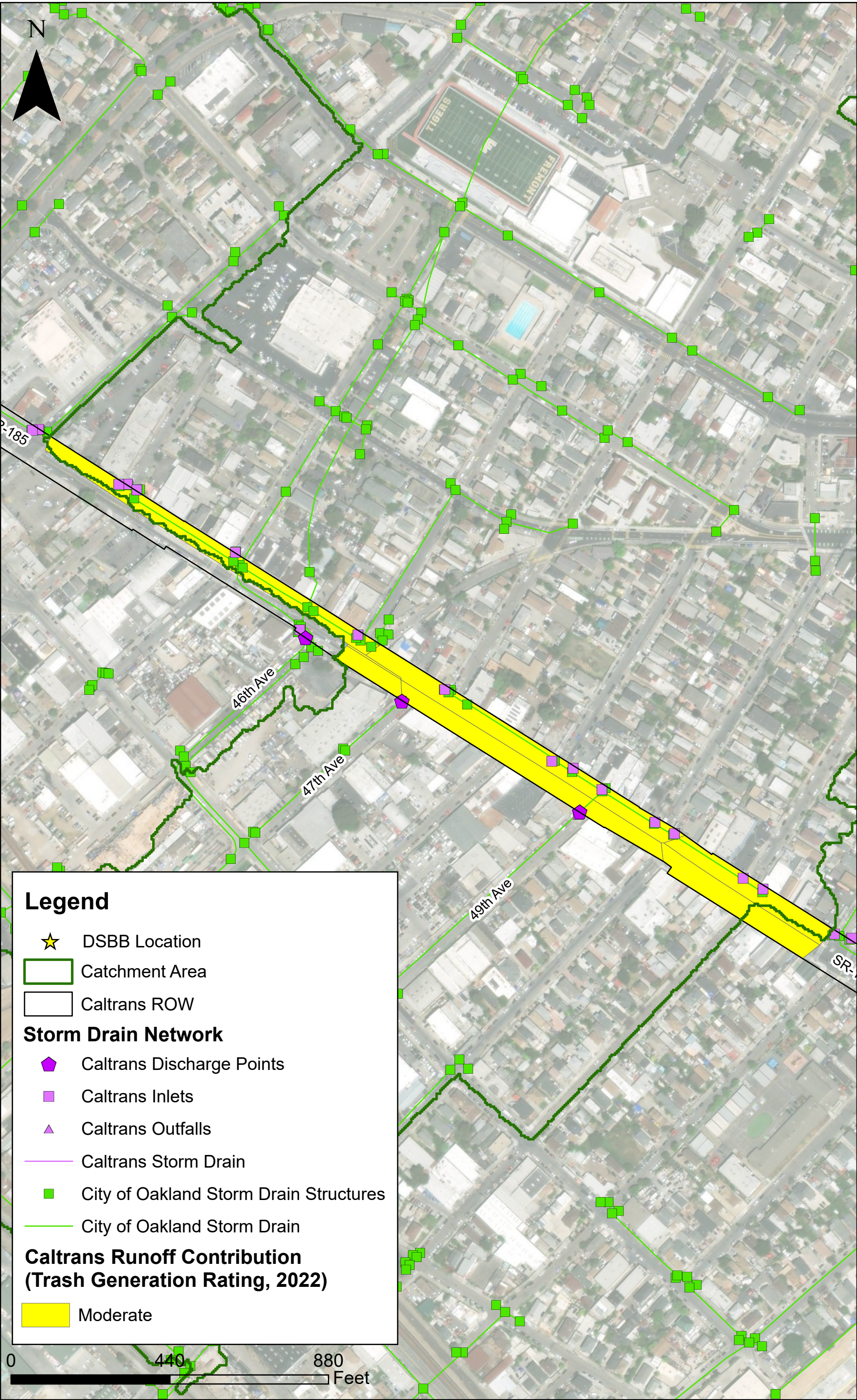
Trash Generation Rating	Total Area (ac)	Caltrans On-System BMP Overlap (ac)
Moderate	15.70	1.1

Legend

- ★ DSBB Location
 - Catchment Area
 - Caltrans ROW
 - Caltrans On-System Catchment Areas
- Caltrans Runoff Contribution (Trash Generation Rating, 2022)**
- Moderate

0 1,000 2,000 Feet



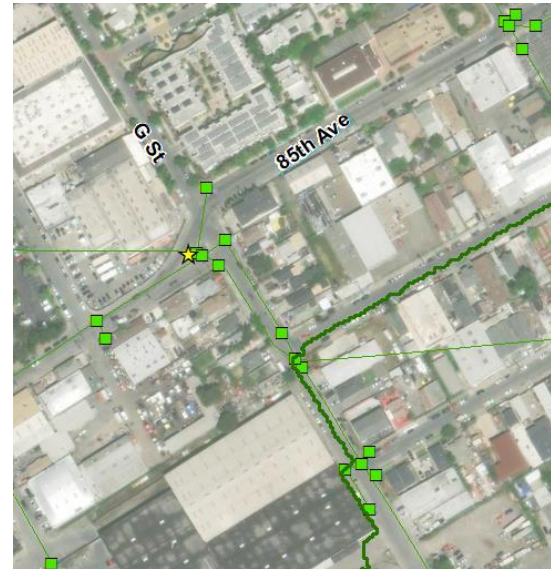


G & 85th

Project Owner: The City of Oakland

Project Description

This is one of five sites identified for proposed large trash capture facilities. The proposed Debris Separating Baffle Box (DSBB) is located at the intersection of G Street and 85th Avenue.



Proposed DSBB Location

Caltrans Hydraulic Connectivity to Project

The watershed flows southwest towards the proposed DSBB device. It intersects with one Caltrans ROW boundary: State Route 185 between 100th Ave and 85th Ave. The water exits Caltrans ROW through storm drain pipes at 2 different locations: at 88th Ave St and at 94th Ave. It also exits via runoff at 13 locations: at 85th Ave, 86th Ave, 87th Ave, 89th Ave, 90th Ave, 91st Ave, 92nd Ave, 93rd Ave, 95th, 96th Ave, 97th Ave, 98th Ave, and 99th Ave. Water exiting via runoff drain into various storm drain pipes southwest of SR-185 and discharge to the proposed device.

Significant Trash Generation Area (STGA) Breakdown

Total Project Watershed Area (ac): 802.48

Watershed Area within Caltrans Right of Way (ac): 10.6

No conflicting projects within catchment area.

STGA Rating	Area (ac)
Very High	0
High	10.6
Moderate	0
Low	0
Unrated	0
Total	10.6

