user’s manual

City of Tacoma Watershed Planning Project

Prepared for

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# Introduction

This manual describes how to use the Tacoma Watershed Insights web application. This application lets uses track stormwater infrastructure, assess performance, and make informed decisions regarding stormwater and water quality in Tacoma.

# System Administration

## Sign Up as a New User

You must register and be approved as a new user before using the site. To sign up, click **Login** in the upper right hand corner of the site. At the login page, click **Register** to be taken to the registration page. After entering the required details, click **Submit** to create your account. An email will be sent to your provided email address for verification.

Before you can access the site, your account must be approved by a User Admin. See the Modifying User Roles section for information on approving new users.

## User Roles

Users can have one of the following roles associated with their account. Only a User Admin or System Admin may edit user roles.

|  |  |
| --- | --- |
| Role | Permissions |
| Public | * None |
| Read-only | * Read access to data via site and via token |
| User/Editor | * All of the above, plus * access to scenarios and editing data |
| User Admin | * All of the above, plus * access to user manager * access to application settings |
| System Admin | * All of the above, plus * direct api access |

## Managing Users

Only a User Admin or System Admin may edit user roles. To approve new users and to update user roles, follow these steps.

1. Click on your profile avatar in the upper left-hand corner of the screen.
2. Select **Manage Users** from the menu.
3. You will be taken to the Manage Users page, where you can edit and save user role information.

## Modifying Global Settings

# Map Explorer

The map explorer module is the main access point for all the spatial resources that can be used to view existing infrastructure and water quality conditions within the City of Tacoma’s stormwater watershed.

## Available Layers

* Pollutant heat maps
* Landuse/Terrain
* Stormwater subbasins
* Stormwater BMPs
* Stormwater pipes

## Searching for BMPs

# Results Reviewer

The results reviewer module allows users to explore the water quality attributes of existing BMP’s and stormwater subbasins, across the four climate epochs that have been modeled.

## BMP Facilities Results

## Subbasins Results

# Scenario Builder

The scenario builder module allows users to create prospective stormwater improvement projects, and estimate their potential water quality benefits.

# Subbasin Prioritization & Decision Support Tool

# Data Integrations

# Workflow for Developing a List of Prioritized Actions

APPENDIX A

Title