



TO: Mayor and Town Council

September 17, 2019

SUBJECT: Resolution No. 60-2019, authorizing the Town Manager to approve the Town's Green Infrastructure Plan

BACKGROUND

The Town of Danville is one of 76 local agencies (Permittees) subject to the requirements of the San Francisco Regional Water Quality Control Board (Water Board)'s Municipal Regional Stormwater Permit (MRP). Provision C.3.j of the MRP requires the Permittees to prepare a Green Infrastructure (GI) Plan for submittal with the 2019 Annual Report. Additionally, Provision C.11 and C.12 of the MRP require the Permittees to reduce PCBs and mercury loads in stormwater runoff using Green Infrastructure.

The Town Council reviewed the framework for this GI plan on May 2, 2017 and authorized the Town Manager to approve the framework for the GI Plan. The framework was subsequently amended March 19, 2018 to include a timeline for adoption of the GI Plan. The Danville GI Plan was reviewed at a publicly noticed Town Council Study Session on September 10, 2019.

DISCUSSION

The proposed GI Plan provides a blueprint on how Danville will shift from conventional "collect and convey" storm drain infrastructure to a more resilient, sustainable stormwater management system, where feasible. GI reduces runoff volumes and pollutants by dispersing runoff to vegetated areas, promoting infiltration and evapotranspiration, and using natural processes to detain and treat runoff. GI has been incorporated into a number of existing public and private projects within Danville. As part of the GI plan development, staff conducted a number of outreach efforts, including utilizing the Capital Improvement Program (CIP) interdepartmental committee as the GI implementation work group, and meeting with department directors and the Town Manager.

Publicly-owned parcels and road right-of-way (ROW) segments that could potentially be retrofitted to include multi-benefit stormwater capture facilities were identified as part of a countywide watershed planning effort¹. These potential project locations were used

¹ Contra Costa Watersheds Stormwater Resource Plan (SWRP), Contra Costa Clean Water Program, 2018

as the basis for identifying future public retrofit locations for inclusion in this GI Plan. Town staff prioritized potential project opportunities from this countywide planning effort and eliminated those that were found to be infeasible or very low priority.

A number of Danville planning and engineering documents are outlined as needing to be updated with GI elements when the appropriate update schedule occurs (such as the General Plan, Complete Street Policy, Climate Action Plan, and Standard Specifications). Additional details and specifications may be needed for design of street retrofit projects, which can be adapted from various publicly available guidance. The Town will also need to amend or update this plan as required by the Water Board in the future as well as provide updates in the Town's Annual stormwater report to the Water Board.

It is recognized that lack of funding poses a serious constraint for the addition of GI in public projects. For example, acquisition of additional right-of-way or easements for roadway projects is not always possible. Short and long-term maintenance costs also need to be considered.

A regional study is underway to evaluate the feasibility of establishing a water quality trading (banking system) for Permittees within Contra Costa County and/or the Bay Area that will address the PCBs and mercury load reduction requirements. Staff will work closely with the Contra Costa Clean Water Program (CCCWP) to evaluate the study's findings and develop recommendations to Town Council for review and approval in the future. Without a regional partnership, it is impossible and expensive for the Town of Danville to meet the PCBs and mercury reduction goals as established in the MRP because there are no source properties for such pollutants within the Town to mitigate.

PUBLIC CONTACT

Posting of the meeting agenda serves as notice to the general public.

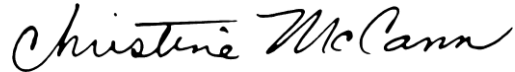
FISCAL IMPACT

The proposed GI Plan commits the Town to building Green Infrastructure projects in Town over the course of 20+ years. The plan also recommends that the Town Council reserve \$10,000/year in the Clean Water Program budget to help fund these public improvements. Additionally, costs for construction of GI in future CIP Projects will need to be incorporated into the project construction costs.

RECOMMENDATION

Adopt Resolution No. 60-2019, authorizing the Town Manager to approve the Town's Green Infrastructure Plan.

Prepared by:



Chris McCann
Clean Water Program Coordinator

Reviewed by:



Tai J. Williams
Assistant Town Manager

Attachments: A - Resolution 60-2019
B - Green Infrastructure Plan

RESOLUTION NO. 60-2019

**AUTHORIZING THE TOWN MANAGER TO APPROVE THE TOWN'S
GREEN INFRASTRUCTURE PLAN**

WHEREAS, the Federal Water Pollution Control Act requires dischargers of stormwater to obtain a National Pollutant Discharge Elimination System (NPDES) permit from the San Francisco Regional Water Quality Control Board; and

WHEREAS, Danville, the Contra Costa County cities, the County of Contra Costa, and the Contra Costa County Flood Control and Water Conservation District have joined under the Contra Costa Clean Water Program to secure the required NPDES permit; and

WHEREAS, the San Francisco Regional Water Quality Control Board adopted NPDES Permit No. CAS612008 in order to develop a Municipal Regional Permit (MRP) that applies to all nine Bay Area Counties; and

WHEREAS, MRP 2.0, Provision C.3.j. requires municipalities to implement Green Infrastructure Planning by adopting a Green Infrastructure Plan by September 30, 2019; and

WHEREAS, MRP 2.0 requires that the Green Infrastructure Plan must be approved by the Town Council, Town Manager or administratively; now, therefore, be it

RESOLVED, that the Town Council hereby authorizes the Town Manager, or his/her designee, to approve the Green Infrastructure Plan administratively.

APPROVED by the Danville Town Council at a regular meeting on September 17, 2019, by the following vote:

- AYES:**
- NOES:**
- ABSTAINED:**
- ABSENT:**

MAYOR

APPROVED AS TO FORM:

ATTEST:

DocuSigned by:
Robert B. Ewing
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CITY ATTORNEY

CITY CLERK