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City Council
CARL "CW" WOLFE, *MAYOR*
PETER CLOVEN, *VICE MAYOR*
JIM DIAZ, *COUNCILMEMBER*
HOLLY TILLMAN, *COUNCILMEMBER*
JEFF WAN, *COUNCILMEMBER*

Michael Montgomery, Executive Officer
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

October 31, 2021

Dear Mr. Montgomery:

Enclosed is the Fiscal Year 2020/21 Annual Report for the City of Clayton, which is required by and in accordance with Provision C.17 in National Pollutant Discharge Elimination System (NPDES) Permit Number CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board.

In my letter dated September 30, 2021, I provided notification to the Water Board that the City of Clayton needed additional time to submit its NPDES Annual Report for FY 2020/21, with submittal anticipated by October 31, 2021. This correspondence was acknowledged in an email on October 1, 2021 from Keith H. Lichten, Chief Watershed Management Division (see attached).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Sincerely,

Reina
Schwartz
Digitally signed by
Reina Schwartz
Date: 2021.11.01
11:04:13 -07'00'

Reina J. Schwartz
City Manager

Enclosure
2020/21 Annual Report for the City of Clayton

v.2

Laura Hoffmeister

From: Lichten, Keith@Waterboards <Keith.Lichten@waterboards.ca.gov>
Sent: Friday, October 1, 2021 12:54 PM
To: Laura Hoffmeister
Cc: Monical, Joseph@Waterboards; derek.beauty@waterboards.ca.gov; Rokeach, Zachary@Waterboards; 'Karin.Graves@pw.cccounty.us'; elizabeth.yin@pw.cccounty.us
Subject: RE: Clayton Annual Report for FY 20 21

Laura,

This confirms we received your email. If you have any difficulty with SMARTS, please coordinate with Joe Monical, copied here.

Regards,

-Keith

Keith H. Lichten, Chief
Watershed Management Division
SF Bay Regional Water Quality Control Board
1515 Clay St., Suite 1400
Oakland, CA 94612

Tel. (510) 622-2380
Fax (510) 622-2460
klichten@waterboards.ca.gov

From: Laura Hoffmeister <laurah@claytonca.gov>
Sent: Thursday, September 30, 2021 6:08 PM
To: Lichten, Keith@Waterboards <Keith.Lichten@waterboards.ca.gov>
Cc: Monical, Joseph@Waterboards <Joseph.Monical@Waterboards.ca.gov>; derek.beauty@waterboards.ca.gov; Rokeach, Zachary@Waterboards <Zachary.Rokeach@Waterboards.ca.gov>; 'Karin.Graves@pw.cccounty.us' <Karin.Graves@pw.cccounty.us>; elizabeth.yin@pw.cccounty.us
Subject: Clayton Annual Report for FY 20 21

EXTERNAL:

Keith:
I will also uploaded this letter to the FTP.
Over the next month the City will also work to get access into the SMARTS system.

Laura Hoffmeister
Assistant to the City Manager
City of Clayton



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JEFF WAN, *COUNCILMEMBER*

Keith Lichten
Watershed Management Division
SF Bay Regional Water Quality Control Bboard
Sent via email: Keith.Lichten@waterboards.ca.gov

September 30, 2021

Dear Mr. Leichten:

This letter is to provide notification to the Water Board that the City of Clayton will need additional time to submit its NPDES Annual Report for FY 2020/21. The City of Clayton intends to submit by October 31, 2021. The additional time needed is due to lack of staffing over the last several months.

The staff person responsible for the report and filing has been on intermittent leave due to family care responsibilities over the last several months and thus has not been available on a full-time basis for the City of Clayton. Additionally, over the last year there has been lack of staff in the Community Development, Finance, and Engineer positions as well as my tenure as City Manager just starting in December 2020. As of October 4, 2021, all of the vacant positions described above will be filled and we can begin to catch up on all of our required work. Obtaining the needed data to complete the reports will take time for the new staff to locate as files are being transferred for their access.

I want to assure you that the City is committed to the importance of meeting permit requirements and the FY 2020/21 permit conditions have generally been met. Those that were not met primarily relate to outreach efforts and events which were cancelled due to COVID restrictions.

Clayton is a small city with limited staff. With key vacancies plus the impacts of the COVID pandemic, staff is working to eliminate the backlogs in reporting. As I stated above, we understand the importance of the permit and the permit terms, and respectfully notify you that we will not be able to submit our annual report by the September 30th deadline. We will provide the report on or before October 31, 2021.

Sincerely,

Reina Schwartz

City Manager, City of Clayton

Cc: Joe Monical, SF Regional Water Board staff
Derek Beauduy, SF Regional Water Board staff
Zachary Rokeach, SF Regional Water Board staff
Karin Graves, Contra Costa Clean Water Program
Elizabeth Yin, Contra Costa Clean Water Program Consultant

Do The Right Thing
Integrity - Responsibility - Inclusion - Courage - Kindness - Self-Discipline - Respect
Because It's The Right Thing To Do!

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Section 1 – Permittee Information

Background Information										
Permittee Name:		City of Clayton								
Population:		11,653								
NPDES Permit No.:		CAS612008								
Order Number:		R2-2015-0049								
Reporting Time Period (month/year):		July 2019 through June 2020								
Name of the Responsible Authority:		Reina Schwartz			Title:		City Manager			
Mailing Address:		6000 Heritage Trail								
City:		Clayton		Zip Code:		94517		County:		Contra Costa
Telephone Number:		925-673-7300		Fax Number:		925-672-4917				
E-mail Address:		reinas@claytonca.gov								
Name of the Designated Stormwater Management Program Contact (if different from above):		Laura Hoffmeister			Title:		Asst. to the City Manager			
Department:		Administration								
Mailing Address:		6000 Heritage Trail								
City:		Clayton		Zip Code:		94517		County:		Contra Costa
Telephone Number:		925-673-7300		Fax Number:		925-672-4917				
E-mail Address:		Laurah@clayton.ca.gov								

Section 2 – Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The City of Clayton monitored and received updates from the Contra Costa Clean Water Program's (CCCWP's) Municipal Operations Committee/Work Group, and the BASMAA Municipal Operations Committee. The City participates in the Management Committee and New Development Committee of the Contra Costa Clean Water Program.

Refer to the C.2 Municipal Operations section of the CCCWP's FY 20-21 Annual Report for a description of activities implemented at the countywide and/or regional level and on our behalf.

The City does not have a full service maintenance department. The City has only 6 full time maintenance staff. However during FY 20-21 staff levels declined at many times to 5 or fewer due to vacancies and staff out related to Covid exposures. On average for most of the FY 20-21 there was often only 3-4 full time personal available due to illnesses, injuries, vacancies and Covid. Covid also limited our ability to have seasonal workers which augment our full time staff during spring and summer. The full time staff are responsible for 2 million square feet of landscaping and irrigation; 500 acres of open space; 50 acres of parks and irrigation; 4 children playgrounds/equipment; 3 ball fields; 2 soccer fields; 25 miles of trails; 84 miles of street markings; 50 miles of underground drainage; 20 miles of major roadway sidewalks; 10 miles of creeks; 650 catch basins (inlets); 15 miles of "v" ditches; 2000 street signs; 500 street lights; 110,000 sq. ft. of public buildings; and 75,000 square feet of public parking lots. Services for street pavement and/or sidewalk repair, weed abatement, tree trimming, sewer and signal lights are contracted out. Water supply and fire protection services are provided by other public agencies. The City uses a maintenance staff supervisor as the field contact person (Jim Warburton 925-763-7327) and the Assistant to the City Manager (Laura Hoffmeister, 925-673-7308) as the primary program manager for the entire permit, including Municipal Maintenance.

Street Cleaning/Sweeping

Monthly sweeping was done during FY 20-21 on all public city streets, which is about 82 curblane miles. (annually this equates to 1764 curb lane miles swept). In FY 20-21 a total of 106.61 tons (373 cubic yards) of materials collected by the City sweeping contractor. This is less than last year due to the drought conditions with less silts and vegetation. [In FY 19-20 a total of 129.34 tons (452 cubic yards) of material collected by the City sweeping contractor. In FY 18-19 a total of 103.23 tons (370 cubic yards) of material collected by the City sweeping contractor. In FY 17-18 there was 98.97 tons (346 cubic yards); in FY 16-17 there was 77.80 tons (280 cubic yards); in FY 15-16 there was 85.81 tons (308 cubic yards), and in 14-15 there was 98.80 tons collected.] The amounts collected have generally been fairly consistent with lesser amounts collected during the droughts due to less leaf foliage, and silt. The majority of the materials collected are leaves with some silts.

In addition three city street areas, about 15 curblane miles, which are part of a truck route to a nearby gravel quarry in the County are swept at a minimum of a weekly basis by the Quarry (CeMex formerly Lodestar RMC Quarry), and often during the summer busy season are swept two to three times a week to prevent quarry dust and sediment from reaching storm drains. This would average about 1950 curb lane miles per year. There are no quantitative statistics of the Quarry sweeper as part of the route is in the County (unincorporated) and it is under contract by a private business (rock quarry) that is located outside the City's jurisdiction. The quantitative data is for the City monthly sweeper and is extrapolated for the

FY 2020 - 2021 Annual Report

Permittee Name: City of Clayton

C.2 – Provision C.2 Reporting Municipal Operations

Quarry based on the average amount of material picked up per mile by the City sweeper per mile during the respective reporting Fiscal Year . This would equate to .06 tons (or .21 cubic yards) per mile for FY 20-21, for a total amount of 117 tons (409 cubic yards). [In FY 19-20 apx. 142 tons (497 cubic yds.) was collected by the Quarry sweeper. In FY 18-19 apx. 113 tons (390 cubic yds.) was collected by the Quarry sweeper. In FY 17-18 apx. 109 tons (381 cubic yards);In FY 16-17 apx. 89.14 tons (or 312 cubic yards); in FY 15-16 apx. 94 tons (or 340 cubic yards); in FY 14-15 apx. 105 tons (or 367.50 cubic yards) collected by the Quarry sweeper].

The company uses a broom assist vacuum sweeper which has been effective for our mostly residential community with its leaf fall from its street trees and dust and sediments from the gutter. The quarry uses a broom/brush sweeper as the material targeted by them is gravel and larger sediment particles along the quarry truck accesses.

Drainage Inlet Cleaning: During FY 20-21 every City storm drain (catch basin) and culverts were inspected and cleaned (approximately 650); this includes 25 full trash capture devices. Approximately 6.0 cubic yards of mostly sediment and leaves a few aluminum cans, plastic bottles and some paper were removed. The lower numbers are attributable to the drought conditions with less silts and vegetation.

[In FY 19-20 apx.7.0 cubic yards of mostly sediment and leaves a few aluminum cans, plastic bottles and some paper were removed. In FY 18-19 apx. 6.5 cubic yards mostly sediment and leaves a few aluminum cans, plastic bottles and some paper were removed. In 17-18 there was apx. 5.0 cubic yards of sediment and leaves with a few bottles and paper were removed. In 16-17 apx. 2 cubic yards of sediment and leaves removed; in FY 15-16 apx. 6.0 cubic yards of sediment was removed, and in FY 14-15 apx. 6.5 cubic yards removed.]

Beginning in FY 18-19 the City no longer reports full trash capture data separately from the above due to staffing limitations and that the over the five years have been generally consistent with silts and or leaves/vegetation as the predominant material, with very little paper and plastic and aluminum cans. [In FY 17-18 apx. 153.25 cubic feet were removed from the trash capture devices. In FY 16-17 a total of 148.87 cubic feet of material was removed; in FY 15-16 a total of 38.74 cubic feet of material was removed; in FY 14-15 apx. 35.56 cubic feet were removed; in FY 14-15 a total of 41.92 cubic feet of material was removed, and FY 12-13 apx. 109 cubic feet of material removed.]

The City observed that most of the materials collected in FY 17-18 were silts (88.07 cubic feet), followed by vegetation (59.93 cubic feet), then paper products (3.75 cubic feet) and plastic (1.50 cubic feet). Very few metal items such as cans were collected. Although staff does not have the resources to detail this information annually, there general field observations are that the above trend appears to be fairly consistent (ie; silts/leaves most; then paper, followed by plastic then aluminum least.

DI "No Dumping Drains to Creek" decals: The 650 inlets were inspected at the same time of cleaning /inspections. During FY 20-21 there were 100 markings replaced from the FY 19-20 inspection. During the FY 20-21 inspection apx. 100 were identified to be needing replacing either from damage or missing/deterioration), and are scheduled to be done in FY 21-22 which should bring us up closer to 100%. [For comparison in FY 19-20 were 95 markings replaced from the 18-19 and 17-18 inspections; none were done in FY 18-19; and 11 were replaced during FY 17-18, and 103 were replaced in Spring FY 16-17 from the FY 15-16 inventory. During the FY 16-17 inspections 61 new locations were reported as damaged. Of these in FY 16-17, 50 were replaced, leaving 11 still needing to be replaced done in Spring FY 17-18.] Approximately 89% of the inlets are currently marked.

Creek cleaning of the 10 miles of creeks were walked and inspected and cleaned by the City Maintenance staff for FY 20-21 about 95 cubic yards of material were removed: 60 cubic yards of landscape materials, mostly woody brush, branches, and some tree limbs. Box culvert sediment/rock removal done apx. once every 5 years (last done in FY 14-15) with 25 cubic yards removed in FY 20-21.

[In FY 19-20 apx. 60 cubic yards of landscape materials, mostly woody brush, branches, and some tree limbs were removed. In FY 18-19 about 120 cubic yards of landscape materials, mostly woody brush, branches, and some tree limbs, this is more than prior years due to extreme overgrowth from last winter's rains. In FY 17-18 apx. 40 cu.yd was removed; in FY 16-17 apx. 40 cubic yards removed; in FY 15-16 apx. 40 cubic yards were removed ; 90 cubic yards removed in FY 14-15 as the box culvert's areas were done. The box culvert areas are done about once every five years, and were last done in FY 14-15. A slide debris bench area had no material removed, this is a preventative measure that is done apx. every 5 years, and done last year in FY 14-15. The majority of material collected in the creek was from some dead brush and branches, some plastic bottles, paper, a few cans.

Hot Spot: In addition the City has one Hot Spot location that is cleaned annually and is not included in the above volume but is reported in Section C-10.

In FY 20-21 (August 20, 2019,) this Hot Spot had 1.5 cubic yards of material removed, which is slightly less more than last year. [In FY 19-20 apx.1.8 cubic yards of materials removed. In FY 18-19 this Hot Spot had .52 cubic yards of material removed; in FY 17-18 this Hot Spot had .75 cubic yards; In FY 16-17 this Hot Spot had 1 cubic yard; in FY 15-16 this Hot Spot had .07 cubic yards of material and in FY 14-15 about .15 cubic yards].

The materials collected in FY 19-20 included convenience fast food paper litter and cups, polystyrene items, fabric and cloth; paper and cardboard, and some biohazard items. This creek stretch is behind a Safeway store and near a box culvert (in City of Concord) and sometimes has a few transients passing through. With a more normal rain season there has been less transient activity, than during the drought. Regular police checking minimizes transient activity; and the property owner authorization to arrest for trespass the police, along with monthly checking and major trimming of vegetation clean up by the Shopping Center property owner keeps litter to a minimum (the creek is not on public property but is private property) . City of Concord does annual clean of box culvert prior to rainy season and periodically as needed. – with more regular fall and winter rains this area has water in the creek and is not an attractive location for transients, however with the dry weather the creek and nearby box culvert has been dry a few transients have been more prevalent. The transients have been eliminated due to these actions. If upcoming fall/winter rains occur as regular season there is likely to be water in the creek which further discourages their activity.

V-ditch cleaning:

The City maintenance staff walked and inspected and cleaned 15 miles of v-ditches in the open space areas including those near to residential development areas. A total of apx. 6 cubic yards of dirt and weeds were removed from the V-ditches during FY 20-21. Only a very small amount of litter consisting of a few pieces of paper, a few plastic bottles and a couple of cans, etc. were collected. [In FY 19-20 apx. 9 cu.yd of dirt and weeds removed; in FY 18-19 apx 11 cu.yds of dirt and weeds were removed; in FY 17-18 apx. 10 cubic yards of dirt and weeds were removed; in FY 16-17 apx. 9 cubic yards of dirt and weeds were removed ; in 16-17 apx. 8 cubic yards removed; and in FY 15-16, and FY 14-15 apx. 5 cubic yards removed.] The amounts vary due to rains- during drought conditions there is less vegetation and less dirt/silts.

City Parks refuse and recycling containers: City Maintenance staff emptied the 79 containers (usually 2 weekly) during FY 20-21 there was apx. 2060 cubic yards of trash collected and apx. 540 cubic yards of recycling collected. This is more than prior years likely due to increased outdoor park use by the public related to Covid and schools/indoor dining etc. being closed. In FY 19-20 due to Covid park sites were closed or limited public use. [In FY 19-20 1550 cubic yards of trash collected and apx. 300 cubic yards of recycling collected; FY 18-19 there was apx. 1872 cubic

yards of trash collected and apx. 425 cubic yards of recycling collected; In FY 17-18 there was apx. 1782 cubic yards of trash was collected and 398 cubic yards of recycling collected; FY 16-17 apx.1,864 cubic yards of trash was collected and 332 cubic yards of recycling collected; in FY 15-16 apx. 1,942 cubic yards of trash and 322 cubic yards of recycling collected; and in FY 14-15 apx., 1170 trash and 682 recycling].

New Zealand Mud Snail Policy: In September 19, 2012 there was a new administrative written Standard Operation Procedures (SOP) for addressing maintenance issues related to the potential threat of New Zealand Mud Snail. The information was transmitted to the Maintenance Supervisor who then provided the information to the maintenance staff. The information was initially reviewed on September 27, 2012 with the staff and acknowledged in writing of receiving the policy, and is reviewed annually thereafter. The City maintenance staff does not allow its volunteers that it directly oversees (i.e.: work alternative program) go into the creek. Seasonal hired staff, as they arrive, are provided the information before being allowed to work in the creek areas. In June 2014 an update was received from the Clean Water Program indicating the observance of the New Zealand Mud Snail in a portion of Mt Diablo Creek in Clayton (near the Branch Library). City Maintenance staff and the City Council were provided this information. No work was conducted in the creek in the area identified to be impacted by the New Zealand Mud Snail since September 2013 by City Maintenance staff. Annually prior to each rainy season (Sept- October), Maintenance reviews protocols and Standard Operating Procedures (SOP). In addition all outside contractor that the City hires that might be working in and around the segment of affected creek were provided the information regarding the New Zealand Mud Snail and the SOP. The Maintenance staff received the review for FY 20-21 on September 10, 2020; and the City tree trimming and weed abatement contractor received and the information on October 5, 2020. The Contractors signed written statements that they had received and reviewed the materials prior to being authorized to commence work.

Curbside and drop off collection activities: The City hauler Republic Services provides residential curbside collection of various items, during FY 20-21 the following was collected curbside: Used Oil, Oil Filters, Lightbulbs, Mattresses, E-waste, bulky items (i.e.: white goods such as freezer/washer/dryer.) Due to Covid the State delayed data submittal of this information to Nov. 30, 2021 so was not available to include in the FY 20-21 Annual Report. [It is possible that the data will be similar to FY 19-20 which was as follows: Used Oil (Gals) 869 gallons; 170 Oil Filters;15,812 batteries; 1,105 lightbulbs; 204 mattresses; 816 e-waste items; 178 bulky item white good such as freezer/fridge/washer/dryer.]

Additionally, the City offices has a public drop off for pharmaceuticals and for sharps, at the City location during FY 20-21 had a total of 207 lbs. of sharps and a total of apx. 774 gallons of pharms waste. The sharps collection company changed in FY 20-21 to providing a 43-gallon container and exchanges it without specific measurement – therefore the above figure is assuming the container is always completely full. [FY 19-20 had a total of 342 lbs. of sharps and a total of 228 lbs. of pharms waste. FY 18-19 a total of 438 lbs of sharps and 401 lbs. of pharms waste.] It is likely the decrease in the pharms waste is due to local pharmacies being more frequently used for pharmaceuticals drop off.

C.2.a. ► Street and Road Repair and Maintenance

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
Y	Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites.
Y	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:

C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:

The City only has a few small public surface parking lots, we do not pressure wash these. The City does not have any gas station fueling areas. We have two public plaza areas that are periodically pressure washed and all wash water is plain water only and is directed to landscape areas per the BASMAA Mobile Surface Cleaner Program BMPs.

C.2.c. ► Bridge and Structure Maintenance and Graffiti Removal

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

N/A	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
N/A	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
Y	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
N/A	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.

Comments: **All graffiti removal is done with direct applied solvent with rags and wiped with cloths. Graffiti is very minimal and rarely occurs and not a problem in the City of Clayton. In some rare occurrence the City will paint over the graffiti. The City does not use mobile surface cleaning for outdoor areas. The City does not have any bridges, except for small pedestrian foot bridges along the public trail which crosses Mt. Diablo Creek in a few places. The City maintenance staff does not undertake any bridge or structural maintenance activities; if a need arises it would be contracted out.**

C.2.e. ► Rural Public Works Construction and Maintenance

Does your municipality own/maintain rural ¹ roads:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Yes	X	No

If your answer is **No** then skip to **C.2.f.**

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

<input type="checkbox"/>	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
<input type="checkbox"/>	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
<input type="checkbox"/>	No impact to creek functions including migratory fish passage during construction of roads and culverts
<input type="checkbox"/>	Inspection of rural roads for structural integrity and prevention of impact on water quality
<input type="checkbox"/>	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
<input type="checkbox"/>	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
<input type="checkbox"/>	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings
Comments including listing increased maintenance in priority areas:	

¹Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

C.2.f. ► Corporation Yard BMP Implementation

Place an **X** in the boxes below that apply to your corporations yard(s):

<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)
Place an X in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type NA in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:	
<input checked="" type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input checked="" type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input checked="" type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

The Corp yard SWPPP was updated in August 2013, and was included as an attachment with the FY 13-14 Annual Report. The document is reviewed annually to determine if any changes need to be made. No changes have been. The City had previously conducted its inspections Annual prior to the rainy season of October 15th. However based upon comments received January 8, 2013, from the Water Boards review of the FY 11-12 Annual Report it is requested that we conduct prior to September 30th. Because the notice from the SF Water Board staff was received in January 2013, it was too late to adjust for FY 12-13. In FY 13-14 the inspection timing was changed to comply with the Water Board comments. For FY 14-15 and thereafter the inspections were targeted to be done annually in mid-September.

The City Corp Yard is entirely paved, and has a drain that discharges to natural bio-vegetation area.

We have included the last ten prior FY inspections on our reporting table for ease of looking at the history and determining any trends that would need attention. We have not identified any trends or issues.

FY 2020 - 2021 Annual Report
Permittee Name: City of Clayton

C.2 – Provision C.2 Reporting Municipal Operations

If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:					
Corporation Yard Name	Corp Yard Activities w/ site-specific SWPPP BMPs	Inspection Date ²	Inspection Findings/Results	Date and Description of Follow-up and/or Corrective Actions	
Clayton Maintenance Yard	Yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking	Sept. 18 & Sept 30, 2020	Checked and cleaned catch basin, found minor amounts of leaves and sediment. (No major issues found); Minor house cleaning consisted of taking e-waste to the recycling center. Dry sweep of yard is needed and need to cover stockpiles and equipment with new tarps.	Dry swept yard and purchased new tarps and installed over equipment and stockpiles. Completed 9/30/2020.	
Clayton Maintenance Yard	Yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking	Sept. 20, 2019	Checked and cleaned catch basin, found leaves and sediment. (No major issues found); Minor house cleaning consisted of taking used oil and paint to the recycling center. Dry sweep if yard is needed and need to cover stockpiles and equipment with new tarps.	Dry swept yard and purchased new tarps and installed over equipment and stockpiles. Completed 9/27/2019.	
Clayton Maintenance Yard	Inspection by Central Sans POTW -	Sept. 25 & 27, 2018 (FY 17-18)	No issues identified – no follow up or other actions needed	N/A	
Clayton Maintenance Yard	Yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking	Sept. 18, 2017 (FY 17-18)	Checked and cleaned catch basin (no issues found – basin had minor amounts of silts and leaves); conduct minor housekeeping including removal of old paint, bulbs, and dry sweep yard is needed Need to cover stockpiles and equipment with new tarps.	Purchased new tarps and installed over equipment and bin materials (ie: sand, gravel, top soil, bark). Completed 9/29/2017.	

² Minimum inspection frequency is once a year during September.

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Clayton Maintenance Yard	yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking	Sept. 28, 2016 (FY 16-17)	Checked and cleaned catch basin (no issues found – basin had minor amounts of silt and leaves); conduct minor housekeeping of materials storage and dry sweep yard needed. Need to cover stockpiles and equipment with new tarps.	Purchased new tarps and installed over equipment and bin materials (ie: sand, gravel, top soil, bark). Completed 9/30/2016.
Clayton Maintenance Yard	yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking	Sept. 16, 2015 (FY 15-16)	Need to cover stockpiles with tarps, checked and inspected catch basin (no issues found) conduct minor housekeeping of materials storage, including removal of old paint, bulbs and signs, and dry sweep yard is needed	Purchased new tarps and installed over equipment and bin materials (ie: sand, gravel, top soil, bark). Installed trash cans at the police parking area. Removed old paint, signs, old light bulbs from yard and recycled or disposed as necessary. Yard was dry swept. Completed 9/30/15.
Clayton Maintenance Yard	yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking	Sept. 18, 2014 (FY 14-15)	Need to cover stockpiles with tarps, checked and inspected catch basin (no issues found) conduct minor housekeeping of materials storage and dry sweep yard needed.	Stockpiles covered with new tarps., misc. materials stacked and covered with tarps, yard dry swept-completed 9/26/14.
Clayton Maintenance Yard	yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking	Sept. 20, 2013 (FY 13-14)	Need new tarps to cover stockpiles of gravel and bark. Some misc. debris and old street poles, paint cans to be removed and hauled off.	Tarps purchased and on-site, misc. debris removed and hauled off – completed 9/27/13.

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<p>Clayton Maintenance Yard</p>	<p>yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking</p>	<p>October 5, 2012 (FY 12-13)</p>	<p>All BMPs working fine. Tarps are starting to degrade, need to order additional replacement tarps to cover equipment and bins.</p>	<p>Ordered replacement tarps - completed 10/27/12</p>
<p>Clayton Maintenance Yard</p>	<p>yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking</p>	<p>October 7, 2011 (FY 11-12)</p>	<p>All BMP's working fine. Covers, straw waddles and sandbags for stockpiles are beginning to degrade need replacing. Unused and obsolete equipment and stockpile to be removed.</p>	<p>Removed 120 cy of unused dirt stockpile; covered remaining stockpiles with new covers and straw waddles & new sandbags. Removed misc and obsolete equipment - completed 10/28/11</p>
<p>Clayton Maintenance Yard</p>	<p>yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking</p>	<p>February 23, 2011 (FY 10-11)</p>	<p>All BMPs working fine – minor house keeping items being attended to – recovering of stockpile materials, removal of unused vehicle. Vehicle is not leaking fluids and area around vehicle is checked regularly so no issues.</p>	<p>Unused vehicle will be taken to auction house . Continue to inspect vehicle to ensure no leaks until removed- removal expected by 10/30/11. Stockpile covers were replaced on 3/4/11; Unused vehicles were removed</p>

Section 3 – Provision C.3 Reporting New Development and Redevelopment

C.3.b.iv.(2) ► Regulated Projects Reporting

Fill in attached table C.3.b.iv.(2) or attach your own table including the same information.

C.3.e.iv. ► Alternative or In-Lieu Compliance with Provision C.3.c.

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.? Yes No

Comments (optional):

C.3.e.v ► Special Projects Reporting

1. In FY 2020-21, has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?

	Yes	No
	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. In FY 2020-21, has your agency granted final discretionary approval to a Special Project? If yes, include the project in both the C.3.b.iv.(2) Table, and the C.3.e.v. Table.

	Yes	No
	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If you answered "Yes" to either question,

- 1) Complete Table C.3.e.v.
- 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.

C.3.h.v.(2) ► Reporting Newly Installed Stormwater Treatment Systems and HM Controls (Optional)

On an annual basis, before the wet season, provide a list of newly installed (installed within the reporting year) stormwater treatment systems and HM controls to the local mosquito and vector control agency and the Water Board. The list shall include the facility locations and a description of the stormwater treatment measures and HM controls installed.

There were no new projects during FY 20-21.

C.3.h.v.(3)(a) –(c) and (f) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Summary:

Note that projects approved prior to December 1, 2011 were not required to fully implement the LID requirement in Provision C.3.c.i.

The City of Clayton had one regulated project of a 6 lot infill subdivision (Verna Way) that started construction in FY 17-18 and completed construction in FY 18-19. This project has two LID bio planters that are maintained via a HOA. (The other project (Southbrook/St. Johns) was a two lot infill that used self-treating/ self-retaining methods and therefore is not regulated requiring a O&M plan.

The 6-lot Verna Way subdivision is complete and accepted by Council in June 2019. During construction, multiple inspections of the two LID bio planters were made and functionality of the completed system was proven during a heavy rain event where the bio planters functioned perfectly. There were no O&M inspections performed in FY 2019-20 and the first annual inspection of the bio filters took place in September, 2019 as the first annual post construction inspection. The inspection showed that the bio planters are in excellent condition continuing to function through the current year and rainy season. For regulated projects, the City conducted another annual inspection September 2020 and found them in excellent condition.

For the regulated projects the City conducts annual O&M Program verification compliance inspection by site. The City conducts its own site verification inspections or directly contracts for such independent verification inspections and inspects all LID projects (including those projects approved prior to December 1, 2011) on an annual basis.

There have not been any significant problems identified to date as part of the unregulated O&M Program and inspections. Minor issues identified to date have been some overgrown landscape vegetation, some sediment filling of LID's and some plant die off. In all cases either the private maintenance corrected the issue as part of regular maintenance or if identified by City annual inspection, correction letter/notice of violations sent to responsible party with deadline to correct. City then conducted a follow up inspection and found the corrections were completed and no further action or follow up was needed. The City confirmed through its annual inspection process that all sites had been properly maintained and were working as designed. No violations were issued.

Site Inspections Data	Number/Percentage
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the previous fiscal year (FY19-20)	1
Total number of Regulated Projects (including offsite projects, and Regional Projects) in your agency's database or tabular format at the end of the reporting period (FY 20-21)	1
Total number of Regulated Projects (including offsite projects, and Regional Projects) for which O&M verification inspections were conducted during the reporting period (FY 20-21)	1

<p>Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 19-20))</p>	<p style="text-align: right;">100%³</p>
<p>C.3.h.v.(3)(d)-(e) ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting</p>	
<p>Provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.</p>	
<p>Summary:</p> <p>The City has only one project, (Verna Way) completed at the end of FY 18/19; however the City has early projects that have included LID approaches although were not required to implement the LID requirement. These projects are being included on the listing for purposes of providing the information to appropriate vector control agency only, and to demonstrate that the City of Clayton has had projects implement measures prior to when required under the permit thus demonstrating our efforts to comply with the objectives of the Clean Water Program and the Water Board as it relates to reducing impervious pavement runoff impacts into waterways, and assists in trash capture. Even though not required these early projects have O&M plans and are all inspected annually by the City staff and/or contractor under direction of the City.</p> <p>The City has 6 private and two public non-regulated projects that have LID with O&M Programs that include self –inspection by owners and/or operators — However the City has always done its own annual inspection and continues to do so even for all these non-regulated projects. The inspection reports include identification of any repairs or maintenance required and appropriate notification to responsible party, as well as follow up inspection to ensure compliance. They are monitored and tracked by the City but are included in this report as information only since they are not regulated projects as they pre-date the specific reporting requirement. Even though these are non-regulated and thus not reportable projects the City is including this information only to more fully document our efforts to address stormwater runoff and full trash capture. The City has two private residential subdivision projects that will be regulated and reportable, however these projects are still working through the entitlement processes.</p> <p><u>Non reportable (non-regulated) private projects:</u></p> <p>The City has six private projects approved prior to December 1, 2011 as “early projects” they include LID The early projects are:</p> <ul style="list-style-type: none"> • CVS Pharmacy (formally Longs Drugs) 16,000 sq. ft. • Flora Square Retail/Office 7,000 sq. ft. • Mitchell Creek Place residential 9-lot small lot infill. 	

³ Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year, per MRP Provision C.3.h.ii.(6)(b).

- Pine Hollow Estates single family residential subdivision 8-lot.
- Diablo Pointe/Diablo Estates subdivision 24 lot single family residential; however this project was completed and accepted by the City in February 2014. The project included the construction of approximately 48 bio- filtration planters which are maintained by each homeowner, and one vortex vault unit that are part of the Benefit Assessment District which the city hires inspector to review all annually and perform maintenance on the vortex units as needed based upon the annual inspections. In some cases repairs and maintenance to the vortex units are completed by City personnel prior to the preparation of an annual Certificate of Compliance being issued for the treatment measures. This project has a Benefit Assessment District that the City uses the funds to monitor compliance with the O&M and maintenance on the Vortex units; for this vault-based treatment systems the City always has contracted directly with a 3rd party inspection which are done annually.
- Creekside Terrace is an early private project consisting of a 7,000 sq. ft. mixed use retail/residential project that was approved in October 2011. It is not yet under construction. It's design includes LID measures. The project still has valid entitlement actions.

The City has three future reportable (regulated) private projects:

- Oak Creek Canyon a 6-lot single family detached large lot subdivision was originally approved in 2003, however the tentative map expired as the developer did not timely complete the process for and file the final map. This project was resubmitted with new entitlements and was approved by the City Council in June 2021 and complies with C-3 and with a preliminary Stormwater Control plan. It is not likely to begin construction until 2022-23. A final Stormwater Control plan is required prior to issuance of building permits. The HOA is responsible for O&M, and will enter into appropriate maintenance O&M agreements that will be recorded. The City is requiring a CFD as a backup should the HOA dissolve or not function its duties including the O&M of the post construction LID bio retention.
- The Olivia: Downtown Senior Apts. – is an infill senior multifamily 81 unit two/three story project, which complies with C-3 and has a preliminary Stormwater Control plan. The project received entitlement approval by the City Council in March 2019. The project has a lawsuit filed by residents and was in litigation for most of FY 19-20. It received an extension of its entitlements by the City Council in July 2021. It is not likely to begin construction until 2022-23. A final Stormwater Control plan is required prior to issuance of building permits. The property owner is responsible for O&M, and will enter into appropriate maintenance O&M agreements that will be recorded. If this becomes a condo project then the HOA will have to obtain the O&M recorded agreement.
- Diablo Meadows: is an infill 18 lot single family subdivision, which complies with C-3 and has a preliminary Stormwater Control plan. This project received entitlement approval by the City Council in February 2021. Plans were submitted for plan review in April 2021 and included draft final Stormwater Control plan and O&M where the HOA is responsible. The City is requiring a CFD as a backup should the HOA dissolve or not function its duties including the O&M of the post construction LID bio retention. Construction is expected to begin in FY 21-22.

- Silver Oak Estates was deemed complete in May 2013 however this completeness has been rescinded. The project is being revised but the developer has not yet submitted revised plans and has not yet restarted the Environmental Review process. Discretionary entitlement processing is not likely to occur until 2022-23 and if approved construction not likely to begin until 2024 of thereafter. As part of the entitlement process the City will require submittal of a preliminary Stormwater Control Plan and O&M plan. If a HOA is established the City will require a CFD as a backup should the HOA dissolve or not function its duties including the O&M of the post construction of post construction stormwater control measures - LID bio retention.

Non-reportable (non-regulated) public project:

- Clayton Community Park Parking Lot Expansion, received approval in March 2011, and began construction in June 2011, and completed construction in December 28, 2011. This project included LID and has an O&M Program.
- Oakhurst Fountain Landscaping Improvements, was constructed and completed in late 2012 however its size of area was below the C3 thresholds however included LID with porous pavers, and bio-filtration planters, it has an O&M program.

Non-reportable private project:

- St Johns/Southbrook a 2 lot infill single family subdivision that received its entitlements in August 2016 and has less than 10,000 sq. feet of cumulative impervious area. Therefore it is a non-regulated project and has used the C3 Guidebook for a small project using self-retention to the extent practicable. A final plan was reviewed by city staff review and approval prior to issuance of construction permits. Construction started January 2018 and completed in June 2019.

The City has one private reportable project:

- Verna Way a 6 lot infill single family infill subdivision approved in December 2016. The project has a final Stormwater Control Plan and a final plan was under construction during FY 17-18 and finished construction in June 2019. There is a HOA that has been established that is responsible for O&M. In addition to the HOA submitting to the City their annual self-reporting maintenance verification reports, the project will be inspected annually by the City.

Provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

The City also had staff 2 participate in the May 11, 2021 CCCWP Workshop via Zoom webinar on "Planning, Design, Construction, and Maintenance of LID Features and Facilities". There have not been any significant problems identified to date as part of the O&M Program and inspections. Minor issues identified to date have been some overgrown landscape vegetation, some sediment filling of LID's and some plant die off. In all cases either the private maintenance corrected the issue as part of regular maintenance or if identified by City annual inspection, correction letter/notice of violations sent to responsible party with deadline to correct. City then conducted a follow up inspection and found the corrections were completed and no further action or follow up was needed.

The City confirmed through its annual inspection process that all sites had been properly maintained and were working as designed. No violations were issued.

Inspections have always been and continue to be conducted by the City staff at all pre regulated projects to ensure compliance with O&M plans. All projects are inspected typically prior to the rainy season. No issues were identified in FY 20-21 inspections. Findings in FY19-20 indicated minor maintenance items to facilities, which were readily corrected by the operator (trimming of vegetation, cleaning siltation, etc.).

There is one pre regulated project that has one vault-based treatment systems (Diablo Pointe/Diablo Estates). For all inspections either the city staff does directly or the City contracts directly with a 3rd party inspector under the city direction, all inspections are done annually. To date no maintenance or operational issues have been identified. At time only minor maintenance items (such as trimming of vegetation, cleaning siltation, etc.) have been identified which were readily corrected by the operator/owner.

C.3.i. ► Required Site Design Measures for Small Projects and Detached Single Family Home Projects

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary:

Applicants for development approvals for projects creating or replacing more than 2,500 square feet but less than 10,000 square feet of impervious area, and single family homes creating or replacing more than 2,500 square feet of impervious area, are required to submit a Stormwater Control Plan for a Small Land Development Project that meets the criteria in Appendix C of the Contra Costa Clean Water Program's Stormwater C.3 Guidebook Appendix C includes minimum specifications for runoff reduction measures.

C.3.j.i.(5)(d) ► Green Infrastructure Outreach

On an annual basis, provide a summary of your agency's outreach and education efforts pertaining to Green Infrastructure planning and implementation.

Summary:

The City of Clayton is small organization. The Stormwater Manager and the City Engineer regularly attend Clean Water Program meetings and the New Development Committee. As needed information is provided to the Community Development Director, and City Manager. There are no other city staff as the City contracts with the County for plan check and inspection services. Annually as part of the budget process information is provided to the City Council at a public meeting that is also streamed, web archived and TV tape playback. To date city staff has not identified any community organizations that have an interest our would be an appropriate group for outreach on this topic. Should an opportunity arise in the future staff is available to provide community outreach.

Two city staff and one contract engineer attended September 26, 2018 New Development C-3 Training covering Planning, Design & Construction of Low Impact Development Features and Facilities; and Green Infrastructure planning, design, and construction and process of Identifying Green Infrastructure Potential in Capital Projects. Two city staff attended the C3 Low Impact Development Workshop on February 11, 2020.

The City of Clayton staff provided outreach to City Council reports/presentation in April and June 2020; and in January 15, 2019 (new regulations presentation) and April and June 2019; April and June 2018; April and June 2017; and April and June 2016. The reports included information regarding MRP 2.0 including Green Infrastructure.

The City CIP Budget presentations in June 2020 and in 2019, included information regarding Green Infrastructure requirements: reviewing and if necessary modifying planning documents, reviewing CIP list and potential implementation opportunities and the Green Infrastructure Framework that was submitted in June 2017 and the required Green Infrastructure Plan by 2019. Information was also presented in June 5, 2018 and June 19, 2018, June 2017, and June 2016 to the City Council.

The City Manager, Community Development Director, and City Engineer receive periodic updates from the Stormwater Manager relative to Green Infrastructure. In addition, the City Manager attends monthly Contra Costa Public Managers Assn (PMA) meetings, as needed the CC Clean Water Program Director has provided updates as well as the PMA Liaison on the MRP 2.0 committee relative to Green Infrastructure, and MRP 3.0 discussions. In addition, the City Manager provides periodic weekly report brief status with City Council members that highlight the ongoing training of staff regarding the next steps in the Green Infrastructure process.

Presentations also made by Program at Public Managers meetings, City/County Engineers meetings and Mayors conference regarding Clean Water program activities including Green Infrastructure.

Information was provided to the City Council as part of the annual budget information and to the City Manager, and Com. Dev. Director and City Engineer as part of regular staff meetings as needed.

During FY 20-21 the City of Clayton and Concord began a joint process to consider the merits of a future the Pine Hollow Road segment GI project. A grant was obtained to secure the services of a consultant (Kimley-Horn) to begin the initial step to develop a preliminary concept and preliminary feasibility analysis. As part of this process community outreach and engagement will occur in FY 21-22.

Please refer to the Contra Costa Clean Water Program's FY 20-21 Annual Report for a summary of outreach efforts implemented at the Countywide level.

C.3.j.ii.(2) ► Early Implementation of Green Infrastructure Projects

On an annual basis, submit a list of green infrastructure projects, public and private, that are already planned for implementation during the permit term and infrastructure projects planned for implementation during the permit term that have potential for green infrastructure measures. Include the following information:

- A summary of planning or implementation status for each public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. (see C.3.j.ii.(2) Table B - Planned Green Infrastructure Projects).
- A summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. For any public infrastructure project where implementation of green infrastructure measures is not practicable, submit a brief description of the project and the reasons green infrastructure measures were impracticable to implement (see C.3.j.ii.(2) Table A - Public Projects Reviewed for Green Infrastructure).

Background Information:

Describe how this provision is being implemented by your agency, including the process used by your agency to identify projects with potential for green infrastructure, if applicable.

The City of Clayton and Concord identified a potential street segment that drainage is shared between the two cities, as potential consideration and analysis for future Green Infrastructure (Pine Hollow Road G1). A grant was secured to obtain consultant services to initiate community outreach and develop a preliminary conceptual plan and preliminary feasibility study. Coordination between the consultant and city staffs began at the end of FY 20-21. It is anticipated that community outreach will occur during FY 21-22, and additional scheduling known in FY 21-22.

The City of Clayton uses the BASMAA May 6, 2016 document, "Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Projects".

Summary of Planning or Implementation Status of Identified Projects:

See attached See attached Tables C.3.j.ii.(2)-A and C.3.j.ii.(2)-B for the required information.

C.3.j.iii.(2) and (3) ► Participate in Processes to Promote Green Infrastructure

On an annual basis, report on the goals and outcomes during the reporting year of work undertaken to participate in processes to promote green infrastructure.

The City of Clayton and Concord identified a potential street segment that drainage is shared between the two cities, as potential consideration and analysis for future Green Infrastructure (Pine Hollow Road G1). A grant was secured to obtain consultant services to initiate community outreach and develop a preliminary conceptual plan and preliminary feasibility study. Coordination between the consultant and city staffs began at the end of FY 20-21. It is anticipated that community outreach will occur during FY 21-22, and additional scheduling known in FY 21-22.

Please refer to CCCWP's FY 20-21 Annual Report for: 1) a summary of efforts conducted to help regional, State, and federal agencies plan, design and fund incorporation of green infrastructure measures into local infrastructure projects, including transportation projects.

C.3.j.iv.(2) and (3) ► Tracking and Reporting Progress

On an annual basis, report progress on development and implementation of methods to track and report implementation of green infrastructure measures and provide reasonable assurance that wasteload allocations for TMDLs are being met.

(For FY 2018-19 Annual Report only) Submit the tracking methods used and report implementation of green infrastructure measures including treated area, and connected and disconnected impervious area on both public and private parcels within their jurisdictions.

Please refer to CCCWP's FY 20-21 Annual Report Section 3 for a summary of methods being developed to track and report implementation of green infrastructure measures; and 2) a report on green infrastructure measures implemented to date.

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Project Location ⁴ , Street Address	Name of Developer	Project Phase No. ⁵	Project Type & Description ⁶	Project Watershed ⁷	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ⁸	Total Replaced Impervious Surface Area (ft ²) ⁹	Total Pre- Project Impervious Surface Area ¹⁰ (ft ²)	Total Post- Project Impervious Surface Area ¹¹ (ft ²)
PRIVATE PROJECTS											
The Olivia	(old) Marsh Ck Rd /High St	Bill Jordan	N/A	81 Senior Apts.	Mt. Diablo Creek	3	2.5	62,700	9152	9152	72,052
Diablo Meadows	Mitchell Canyon Road	De Nova Homes	N/A	18 SF Residential Lots	Mt. Diablo Creek	8.6	4.7	82,460	0	0	82,460
Oak Creek Canyon	Marsh Creek Rd/Diablo Parkway	West Coast Homes	N/A	6 SF Residential Lots	Mt. Diablo Creek	9	7.5	56,564	0	0	56,564
PUBLIC PROJECTS											
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Comments:

With staff turnover, vacancies and remote work due to Covid, the not all the details of the above projects were readily accessible for inclusion in this report. All the above projects have submitted with their development application a complete preliminary stormwater control plan following the CCCWP C-3 Guidebook. All the above utilize on-site bio-retention LID components and utilized the DMA impervious data and sizing factor calculations contained in the CCCWP Guidebook for new development. All the above projects will submit their final details and final Stormwater Control Plan for review and approval by City staff prior to issuance of building permits, including the O&M for post construction. This will include appropriate recording of the approved documents.

⁴Include cross streets

⁵If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "N/A".

⁶Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

⁷State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

⁸All impervious surfaces added to any area of the site that was previously existing pervious surface.

⁹All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁰For redevelopment projects, state the pre-project impervious surface area.

¹¹For redevelopment projects, state the post-project impervious surface area.

C.3 – Provision C.3 Reporting New Development and Redevelopment

C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) –
 Projects Approved During the Fiscal Year Reporting Period
 (private projects)

Project Name Project No.	Application Deemed Complete Date ²	Application Final Approval Date ¹³	Source Control Measures ¹⁴	Site Design Measures ¹⁵	Treatment Systems Approved ¹⁶	Type of Operation & Maintenance Responsibility Mechanism ¹⁷	Hydraulic Sizing Criteria ¹⁸	Alternative Compliance Measures ^{19/20}	Alternative Certification ²¹	HM Control ^{22/23}
PRIVATE PROJECTS										
The Olivia	unknown	March 3, 2020 July 20, 2021	properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems	minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces	bioretention planters	O&M agreement with private landowner	2b	No	No	Numerous on site bio- planters - LID

¹²For private projects, state project application deemed complete date, if the project did not go through discretionary review, report the building permit issuance date.

¹³For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁴List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹⁵List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

¹⁶List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.)

¹⁷List the legal mechanism(s) (e.g., O&M agreement with private landowner, O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

¹⁸See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

¹⁹For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

²⁰For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

²¹Note whether a third party was used to certify the project design complies with Provision C.3.d.

²²If HM control is not required, state why not.

²³If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s), bioretention unit(s), regional detention basin, or in-stream control).

**C.3.b.iv.(2) ▶ Regulated Projects Reporting Table (part 2) –
 Projects Approved During the Fiscal Year Reporting Period
 (private projects)**

Project Name Project No.	Application Deemed Complete Date ¹²	Application Final Approval Date ¹³	Source Control Measures ¹⁴	Site Design Measures ¹⁵	Treatment Systems Approved ¹⁶	Type of Operation & Maintenance Responsibility Mechanism ¹⁷	Hydraulic Sizing Criteria ¹⁸	Alternative Compliance Measures ^{19/20}	Alternative Certification ²¹	HM Controls ^{22/23}
Diablo Meadows	unknown	February 2, 2021	storm drain stenciling; efficient landscape irrigation systems	minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils;	bioretention planters infiltration basin	O&M agreement with homeowners' association; CFD as a secondary mechanism	2b	No	No	bioretention (2 to be installed with use of natural open space for one as needed for overflow)
Oak Creek Canyon	unknown	June 29, 2021	storm drain stenciling; efficient landscape irrigation systems	minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils	bioretention planters infiltration basin	O&M agreement with homeowners' association; CFD as a secondary mechanism	2b	No	No	bioretention (2 to be installed)

C.3 – Provision C.3 Reporting New Development and Redevelopment

**C.3.b.iv.(2) ► Regulated Projects Reporting Table (part 2) –
 Projects Approved During the Fiscal Year Reporting Period
 (public projects)**

Project Name	Approval Date ²⁴	Date Construction Scheduled to Begin	Source Control Measures ²⁵	Site Design Measures ²⁶	Treatment Systems Approved ²⁷	Operation & Maintenance Responsibility Mechanism ²⁸	Hydraulic Sizing Criteria ²⁹	Alternative Compliance Measures ^{30/31}	Alternative Certification ³²	HM Controls ^{33/34}
PUBLIC PROJECTS										
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments:										

²⁴For public projects, enter the plans and specifications approval date.
²⁵List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.
²⁶List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.
²⁷List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).
²⁸List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc.) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.
²⁹See Provision C.3.d.1. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).
³⁰For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.
³¹Note whether a third party was used to certify the project design complies with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.
³²If HM control is not required, state why not.
³³If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s), bioretention basin(s), regional detention basin, or in-stream control).
³⁴If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s), bioretention basin(s), regional detention basin, or in-stream control).

C.3.h.v.(2). ► Table of Newly Installed³⁵ Stormwater Treatment Systems and Hydromodification Management (HM) Controls (Optional)

Fill in table below or attach your own table including the same information.

Name of Facility	Address of Facility	Party Responsible ³⁶ For Maintenance	Type of Treatment/HM Control(s)
None			

³⁵ "Newly Installed" includes those facilities for which the final installation inspection was performed during this reporting year.
³⁶ State the responsible operator for installed stormwater treatment systems and HM controls.

C.3.e.v.Special Projects Reporting Table

Reporting Period – July 1 2020 - June 30, 2021

Project Name & No.	Permittee	Address	Application Submittal Date ³⁷	Status ³⁸	Description ³⁹	Site Total Acreage	Gross Density DU/Acre	Density FAR	Special Project Category ⁴⁰	LID Treatment Reduction Credit Available ⁴¹	List of LID Stormwater Treatment Systems ⁴²	List of Non-LID Stormwater Treatment Systems ⁴³
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

³⁷Date that a planning application for the Special Project was submitted.

³⁸ Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

³⁹Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁴⁰ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁴¹For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

⁴²: List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

⁴³List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

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C.3 – Provision C.3 Reporting New Development and Redevelopment

Special Projects Narrative
None – N/A

C.3.j.ii.(2) ► Table A - Public Projects Reviewed for Green Infrastructure					
City CIP Project Number	Project Name and Location ⁴⁴	Project Description	Status ⁴⁵	GI Included? ⁴⁶	Description of GI Measures Considered and/or Proposed or Why GI is Impracticable to Implement ⁴⁷
10420	Pedestrian Creek Bridge Improvements at Mt Diablo Elementary	Pedestrian Creek Bridge Improvements at Mt Diablo Elementary	unfunded future wish list	N/A	Project deleted by City Council in adopted CIP June 2017
10421	Cardinet Creekside Trail Repair	Cardinet Creekside Trail Repair	partially funded	No	Project completed in Aug 2016
10337A	Keller House Rehabilitation	Keller House Rehabilitation	unfunded future wish list	N/A	Project deleted by City Council in adopted CIP June 2017
10400	Downtown Economic Development	Downtown Economic Development	Inactive	N/A	
10375	Samuel Ct. Park	Samuel Ct. Park	unfunded future wish list	N/A	Project deleted by City Council in adopted CIP June 2017
10393	Skateboard Park	Skateboard Park	unfunded future wish list	N/A	Project deleted by City Council in adopted CIP June 2017
10419	Community Park Lighting, etc.	Community Park Lighting, etc.	unfunded future wish list	N/A	Project deleted by City Council in adopted CIP June 2017
10422	El Molino Drive Sanitary Sewer Impr.	El Molino Drive Sanitary Sewer Impr.	completed	No	no street modifications will occur upgrade to existing sewer line
1039A	ADA Compliance Program	Citywide ADA Compliance Program	Inactive	No	Future project scope changed to be installation of truncated domes where needed only if required
10395	Catch Basin bar over opening	Catch Basin bar over opening	unfunded future wish list	N/A	Project eliminated by City Council in adopted CIP June 2017
10396	East Marsh Creek Road Signal	East Marsh Creek Road Signal	unfunded future wish list	N/A	Project eliminated by City Council in adopted CIP June 2017
10397	Utility Undergrounding	Utility Undergrounding	unfunded future wish list	N/A	Project eliminated by City Council in adopted CIP June 2017
10414	East Marsh Creek Rd. Upgrade	East Marsh Creek Rd. Upgrade	unfunded future wish list	N/A	Project eliminated by City Council in adopted CIP June 2017

⁴⁴ List each public project that is going through your agency's process for identifying projects with green infrastructure potential.

⁴⁵ Indicate status of project, such as: beginning design, under design (or X% design), projected completion date, completed final design date, etc.

⁴⁶ Enter "Yes" if project will include GI measures, "No" if GI measures are impracticable to implement, or "TBD" if this has not yet been determined.

⁴⁷ Provide a summary of how each public infrastructure project with green infrastructure potential will include green infrastructure measures to the maximum extent practicable during the permit term. If review of the project indicates that implementation of green infrastructure measures is not practicable, provide the reasons why green infrastructure measures are impracticable to implement.

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C.3 – Provision C.3 Reporting New Development and Redevelopment

10424	2015 Neighborhood Street Repaving within existing ROW	2015 Neighborhood Street Repaving within existing ROW	completed	No	Repaving within existing ROW not below subgrade
10425	Collector Street Repaving within existing ROW	Collector Street Repaving within existing ROW	completed	No	Repaving within existing ROW not below subgrade
10432	2016 Neighborhood Street Repaving within existing ROW	2016 Neighborhood Street Repaving within existing ROW	completed	No	Repaving within existing ROW not below subgrade
10436	2018 Neighborhood Street Repaving within existing ROW	2018 Neighborhood Street Repaving within existing ROW	completed	No	Repaving within existing ROW not below subgrade
10437	2016 Arterial Street Repaving	Repaving within existing ROW	completed	No	Repaving within existing ROW not below subgrade
LMD	Subdivision Median entry re-landscape various neighborhood entry areas	Subdivision Median entry re-landscape	unfunded	No	Re-landscape existing areas (no removal of existing curb)
10439	EI Portal Drive	Repaving within existing ROW	completed	No	Repaving within existing ROW not below subgrade
10440	Clayton Community Park	Field #1 turf renovation	Funded planned for spring 2021-22	No	Replacing irrigation, regrading low areas and reseeding
10441 (deleted in FY 18-19 replaced by project 10379 below)	2018 OBAG Pavement Repaving	Repaving within existing ROW	Design and bidding	No	Repaving within existing ROW not below subgrade Project deleted w FY 18/19 budget and replaced by CIP project 10379
10442	North Valley park playground replacement	Tot lot equipment replacement	completed June 2020	No	Removal and replacement of existing tot lot equipment in neighborhood park surrounded by turf.
10379 (added in FY 18-19)	Pine Hollow Road	Possible right of way upgrades pedestrian connections	Partial funding estimated with construction prior FY 2030	Yes	Will undergo more detailed evaluation – bio-planter along right of way
10448	School Intersection Enhancement Project	New Pavement markings and signage	Planned for FY 20-21	No	No change to pavement areas
10449	2020 Neighborhood Street Repaving within existing ROW (Note project postponed to FY 21-22)	2020 Neighborhood Street Repaving within existing ROW (Note project postponed to FY 21-22)	Planned for 2022	No	Repaving within existing ROW not below subgrade

C.3.j.ii.(2) ► Table B - Planned and/or Completed Green Infrastructure Projects

Project Name and Location ⁴⁸	Project Description	Planning or Implementation Status	Green Infrastructure Measures Included
10379 Pine Hollow Road	Possible right of way upgrades pedestrian connections	Planning/design in FY 2019-2027; est. construction in FY 2030; possible joint project with City of Concord. Clayton and Concord awarded Caltrans grant to perform study. Initial preliminary concept plan/prelim feasibility study initiated in late FY 20-21, with Kimley-Horn consultant. Community outreach planned for FY 21-22, with this phase of research targeted to be done in FY 22-23. Depending on study outcomes additional grant funding will be needed to continue additional plan design, cost estimates and required Env. Rev. studies.	Yes, bio-planter along right of way be analyzed for inclusion into project.

⁴⁸ List each planned (and expected to be funded) public and private green infrastructure project that is not also a Regulated Project as defined in Provision C.3.b.ii. Note that funding for green infrastructure components may be anticipated but is not guaranteed to be available or sufficient.

Section 4 – Provision C.4 Industrial and Commercial Site Controls

Program Highlights and Evaluation
 Highlight/summarize activities for reporting year:

Summary:

The City of Clayton does not have any industrial sites. The City of Clayton has very few commercial sites, they are limited to one 8 acre master planned neighborhood shopping center, and a two block area of smaller commercial business consisting of mostly offices, two small convenience stores, and a few restaurants. The City does not have any auto service facilities. The City of Clayton contracts with the Central Contra Costa Sanitary District – Central Sans- (POTW) for its commercial inspections. We have developed an inspection plan and review and update annually as needed with Central Sans staff supervising inspector, including reviewing of previous year's inspection results. City staff met with its inspector supervisor and ensured the business listing data base was current and updated the planned inspections provides regular updates to city facilities lists, and inspection frequencies and priorities; 2) the contracted POTW inspectors conducting inspections provides regular updates to city staff with a minimum of quarterly written status reports; 3) the POTW inspectors received appropriate training. The City regularly monitors the meetings CCCWP's Commercial/Industrial Workgroup and Municipal Operations Committee.

Refer to the C.4. Industrial and Commercial Site Controls section of the CCCWP's FY 20-21 Annual Report for a description of activities of the countywide program and/or the BASMAA Municipal Operations Committee.

C.4.+b.iii ► Potential Facilities List (i.e., List of All Facilities Requiring Stormwater Inspections)

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

Name	Address	City	Program Category
Diamond Terrace	6401 Center Street	Clayton	Assisted Living
Clayton Club Saloon	6096 Main Street	Clayton	Bar Only
Kindercare	6095 Main Street	Clayton	Child Day Care
Endeavor Hall	6008 Center Street	Clayton	Commercial
Dryclean USA	5435 Clayton Road M	Clayton	Dry Cleaner

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Valley Cleaners	5425 Clayton Road	Clayton	Dry Cleaner
City of Clayton Maintenance Facility	5901 Heritage Trail	Clayton	Fleet Operations
US Post Office	6150 Center Street	Clayton	Fleet Operations
Canesa's Brooklyn Hero's	6026 Main Street	Clayton	Food Service
Carl's Jr Restaurant	1530 Kirker Pass Road	Clayton	Food Service
Groveside Bistro (formerly Center Street Deli & Café)	6101 Center Street	Clayton	Food Service
Cinco De Mayo Mexican Restaurant	5415 Clayton Road	Clayton	Food Service
Country Waffles	5435 Clayton Road B	Clayton	Food Service
Cup O' Jo	6054 Main Street	Clayton	Food Service
Ed's Mudville Grill	6200 Center Street	Clayton	Food Service
JJ Hawaiian BBQ	5435 Clayton Road A	Clayton	Food Service
La Veranda Café	6201 Center Street	Clayton	Food Service
Little Caesars Pizza	5433 Clayton Road L	Clayton	Food Service
Moresi's Chop House	6115 Main Street	Clayton	Food Service
Papa Murphy's Take 'n Bake	5433 Clayton Road H	Clayton	Food Service
Pavilion Bar And Grill	1508 Kirker Pass Road	Clayton	Food Service
Skipolini's Pizza	1035 Diablo Street	Clayton	Food Service
Starbucks Coffee	1536 Kirker Pass Road A	Clayton	Food Service
Subway	1026 Oak Street 103	Clayton	Food Service
Subway	1536 Kirker Pass Road C	Clayton	Food Service

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Sweet Bakery	5435 Clayton E	Clayton	Food Service
Village Market	6104 Main Street	Clayton	Food Service
Oakhurst Country Club	1001 Peacock Creek Drive	Clayton	Golf Course
Oakhurst Country Club - Indianhead Maintenance Facilities	2500 Indian Head Way	Clayton	Golf Course
Safeway Food And Drug	5431 Clayton Road	Clayton	Grocery Store
Shop n Go dba Clayton Liquor Store	5421 Clayton Road	Clayton	Mini-Market
Sherwin - Williams	5443 Clayton Road	Clayton	Paint Shop
CVS Pharmacy	6490 Clayton Road	Clayton	Retail
R & M Pool Patio And Garden	6780 Marsh Creek Road	Clayton	Retail
Walgreen Drug Store	5437 Clayton Road	Clayton	Retail

C.4.d.iii.(2)(a) & (c) ► Facility Inspections

Fill out the following table or attach a summary of the following information. Indicate your reporting methodology below.

<input checked="" type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges at a site as one enforcement action.
<input type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.

Total number of inspections conducted (C.4.d.iii.(2)(a))	Number
Violations, enforcement actions, or discreet number of potential and actual discharges resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (C.4.d.iii.(2)(c))	8
	0

Comments:

Central Sans, our POTW inspector, reports that for initial inspections they provide an average of 4 informational materials per business; for re-inspections they provide an average of 2 informational materials to the business.

For FY 20-21 there were no warning notices or violations.

Sites inspected in violation are reported once per unique site. The number of violations is reported as one violation per site per inspection date. In the event of a new or recurring violation upon subsequent inspection at a specific site, it is reported as a separate violation.

C.4.d.iii.(2)(b) ► Frequency and Type of Enforcement Conducted

Fill out the following table or attach a summary of the following information.

	Enforcement Action (as listed in ERP) ⁴⁹	Number of Enforcement Actions Taken
Level 1		0
Level 2		0
Level 3		0
Level 4		0
Total		0

C.4.d.iii.(2)(d) ► Frequency of Potential and Actual Non-stormwater Discharges by Business Category

Fill out the following table or attach a summary of the following information.

Business Category ⁵⁰	Number of Actual Discharges	Number of Potential Discharges
Food Service	0	0
Fleet Service parking	0	0
Retail	0	0

C.4.d.iii.(2)(e) ► Non-Filers

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:

None.

There are no industrial facilities in the City of Clayton, therefore there were no industries identified as non-filers during scheduled inspections during this fiscal year. Central Sans conducts inspections for Clayton under an interagency service agreement. Central Sans reviews the operations of the businesses inspected to determine if they may be subject to the General Industrial Permit standards and if so, determines if the business filed a Notice of Intent (NOI) with the SWRCB. If a non-filer is identified, Central Sans informs the business of the requirement to file a NOI. If the business does not file a NOI, Central Sans notifies City of Clayton of this status so that appropriate referral to the RWQCB is made. Central Sans did not notify the City of Clayton of any non-filers during the reporting period.

⁴⁹Agencies to list specific enforcement actions as defined in their ERPs.

⁵⁰List your Program's standard business categories.

C.4.e.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Industrial/ Commercial Site Inspectors in Attendance	Percent of Industrial/ Commercial Site Inspectors in Attendance	No. of IDDE Inspectors in Attendance	Percent of IDDE Inspectors in Attendance
C.4 & C.5 Stormwater Inspection Training Workshop	5/25/2021 Due to COVID-19, the workshop was held virtually (via Zoom)	<ul style="list-style-type: none"> • Basics of Routine Inspection • Stormwater Regulatory Overview • Anatomy of Enforcement • Inspection Photo Review • Jurisdictional Clarity <p>Outline available through CCCWP</p>	6	67		
CWEA -Annual Pretreatment, Pollution Prevention and Stormwater Conference	3/8/21-3/11/2021 Due to COVID-19, the workshop was held virtually	<ul style="list-style-type: none"> • Stormwater program • General Inspector Skills 	4	44		
SFEI-RMP Annual Meeting	10/6/2020	<ul style="list-style-type: none"> • CEC in Stormwater • Green Infrastructure • Watershed Modeling 	3	33		

Comments:

The City of Clayton contracts with Central Contra Costa Sanitary District for inspectors and the above represents their information as provide to the Contra Costa Clean Water Program staff.

Section 5 – Provision C.5 Illicit Discharge Detection and Elimination

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Provide background information, highlights, trends, etc.

Summary:

Refer to the C.5 Illicit Discharge Detection and Elimination section of countywide program's FY 20-21 Annual Report for description of activities at the countywide or regional level.

C.5.c.iii ▶ Complaint and Spill Response Phone Number

Summary of any changes made during FY 20-21:

None

C.5.d.iii.(1), (2), (3) ▶ Spill and Discharge Complaint Tracking

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

	Number
Discharges reported (C.5.d.iii.(1))	1
Discharges reaching storm drains and/or receiving waters (C.5.d.iii.(2))	0
Discharges resolved in a timely manner (C.5.d.iii.(3))	1

Comments:

The City of Clayton illicit discharge complaint and response program is implemented as follows: public calls to Police or other staff; police after hours; depending on the nature of the call, referred to the Maintenance Division, Stormwater Manager or CCSD for follow-up. If determined to be unsubstantiated in the field the stormwater program manager is advised as such. If substantiated they are followed up and are tracked, if unsubstantiated they are discarded. If substantiated in the field either the appropriate action is by City Maintenance or Central Sanitary to address (i.e.; to stop the flow by boom or other means; track the source if possible; if appropriate; if necessary, stormwater manager and code enforcement and police, fire, city engineer, or Contra Costa HazMat may be involved depending on the nature and source. If construction related then city engineer would address via the required BMPs along with code enforcement only if there was not cooperation to resolve). The Stormwater manager also receives information to track and follow up.

During this reporting period there was 1 spill latex paint dribble line in middle of a street travel lane it dried and did not reach storm drainage inlet. No responsible party was located.

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a), (b), (c), (d) ▶ Site/Inspection Totals			
Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.c)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.3.b)	Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more) (C.6.e.iii.3.d)
# 0	# 0	# 0	# 0

Comments:
 During FY 20-21 the City of Clayton issued 35 small project stormwater permits for small projects, covering 35 locations. These sites generally consist of construction of minor items such as backyard residential swimming pools/spas, demolition of pools and backfill, residential building additions and remodels, and remove/replace of sidewalks due to tripping hazards. For these 35 small projects, the City conducted apx. 87 inspections, that were are not included within the above categories during FY 20-21. The city conducted these inspections as part of its practice to ensure small projects are properly implementing site construction best management practices. The City of Clayton collects inspection fees to cover its costs and a small refundable deposit. This approach implemented several years ago greatly enhances our program to ensure these small projects are using appropriate BMP's. The City of Clayton is mostly built out, most of the construction activity is related to smaller residential type projects and some smaller tenant improvements to existing commercial buildings, therefore the City makes a priority to ensure these projects are using appropriate BMP's.

C.6.e.iii.(3)(e) ▶ Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP) ⁵¹	Number Enforcement Actions Issued
Level 1 ⁵²	Verbal warning / Verbal Correction	0
Level 2	Written warning/correction notice	0
Level 3	Stop Work Order verbal	0
Level 4	Stop Work Order written	0
Level 5	Citation	0
Level 6	Cease and Desist Order from City Attorney	0
Level 7	Cease and Desist Court Order/Right of Entry Order	0
Total		0

C.6.e.iii.(3)(f), ▶ Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence at hillside sites, high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii. 3.f)	0

C.6.e.iii.(3)(g) ▶ Corrective Actions

Indicate your reporting methodology below.

<input checked="" type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges as one enforcement action.
<input type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.

	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii. .3.g)	0

Comments: The city had no major – regulated- construction permits during FY 20-21 only minor homeowner additions/remodels.

⁵¹Agencies should list the specific enforcement actions as defined in their ERPs.

⁵²For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.(4) ► Evaluation of Inspection Data

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description: **For the small projects all were using appropriate small construction activity BMP's.**

C.6.e.iii.(4) ► Evaluation of Inspection Data

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description:

There were no active new development projects during FY 20-21. Overall there have not been any weaknesses identified. There has only been two small active construction site over the last seven years or too little activity to make evaluation, these were started in FY 17-18 and were completed in FY 18-19. One was a two lot detached single family home infill; the other was a 6 lot detached single family home infill. Evaluation of the inspection data shows clear and consistent actions from the City's contract City Engineer/Inspector to enforce all of the necessary BMP's and the City ordinance. Overall our experience is that we only have a few Level 1 Enforcement Actions - verbal warnings- and they have been promptly rectified that day or the following day, and always within 10 business days.

Our strength is in our training and information materials and permit process, and outreach/information processes we have developed. The City has had its former City Engineer, former Planning Director and Stormwater Manager trained on MRP 2.0 through the program training. The City also had staff participate in the February 11, 2020 CCCWP Workshop on Planning, Design, Construction, and Maintenance of LID Features and Facilities. The former City Engineer, and City Stormwater Program Manager (Asst to the City Manager) completed the GSD/QSP training. The former city engineer also took and passed the exam and is certified. They also received, along with the Planning Director and the Asst. Planner additional training from the CCCWP in June 2013 related to implementing MRP provision C3 requirements and in 2019 the CCCWP Green Infrastructure Training. The Asst to the City Manager is the City representative to the CCCWP and participates in various trainings and briefings/reports, and also participates in the New Development Committee. The City continues to actively implement the MRP requirements as part of its planning and development process review and refers any potential developer of a project subject to the MRP to the Programs website. The City outreached and provided informational to developers/architects and engineers in the private sector of training opportunities related to the MRP. The City provides informational materials on good housekeeping construction practices on all construction related permits, including small projects. The City has very infrequent large construction projects; most construction is smaller projects of home remodeling's/additions/swimming pools and commercial tenant improvements. The city requires and conducts inspections of all these projects to ensure compliance with appropriate BMP's.

The City's Stormwater Manager and former City Engineer actively participated in the CCCWP's Development Committee and monitored the activity of the BASMAA Development Committee. The former City Engineer had previously (5 years ago) replaced the prior inspection forms with the example forms available through the Clean Water Program. These were reviewed in FY 19-20 and no changes were needed. The City Inspector also participated in local training workshops/seminars on storm water inspection procedures.

During FY 20-21 the City had various interim staff as contract City Engineer and contract Planning Director. There was not any active regulated construction projects during FY 20-21. New contract Engineering staff and new Community Development Director will be provided information regarding applicable MRP requirements and the CCCWP Guidebook.

In April 2013 the City Council Adopted Ordinance 444 which updated our Stormwater Discharge Ordinance to align better with the MRP. The Ordinance framework was provided by the Clean Water Program new Development Committee Workgroup which the City Stormwater Manager (Asst to the City Mgr.) actively participated on.

As noted above there is not sufficient development or consistent development projects in the City of Clayton to be able to establish any meaningful evaluation of inspections, issues, concerns and data tracking/trend analysis. Of the projects in the past no consistent issues have been identified that need to be addressed or would generate any changes to construction site controls and inspection processes.

Refer to the C.6 Construction Site Control section of countywide CCCWP's program's FY 20-21 Annual Report for a description of activities at the countywide or regional level.

C.6.e.iii.(4) ► Evaluation of Inspection Program Effectiveness

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description: **Evaluation of Inspection Program Effectiveness is included in the above narrative under Evaluation of Inspection Data for information.**

The City of Clayton staff continued to participate in the countywide program's committees/work groups. For FY 20-21 committee participation included the Management Committee, Administration Committee and Development Committee. City staff monitored information provided by the CCCWP on committee work and BASMAA Development Committee. Inspection forms are regularly reviewed and no changes were needed or made during FY 20-21.

Refer to the C.6 Construction Site Control section of countywide program's FY 20-21 Annual Report for a description of activities at the countywide or regional level.

C.6.f.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
The CCCWP sponsors training for permittees construction inspection training on a biannual basis. Previous training was in FY 19-20 and the next training will be in FY 20-21			

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.(3)(a), (b), (c), (d) ▶ Site/Inspection Totals			
Number of active Hillside Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.a)	Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.3.c)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.3.b)	Total number of storm water runoff quality inspections conducted (include only Hillside Sites, High Priority Sites and sites disturbing 1 acre or more) (C.6.e.iii.3.d)
# 0	# 0	# 0	# 0

Comments:

Provide the number of inspections that are conducted at sites not within the above categories as part of your agency's inspection program and a general description of those sites, if available or applicable.

During FY 20-21 the City of Clayton issued 35 small project stormwater permits for small projects (CAP- Construction Activity Permit), covering 35 locations. These sites generally consist of construction of minor items such as backyard residential swimming pools/spas, demolition of pools and backfill, residential building additions and remodels, and remove/replace of sidewalks due to tripping hazards. For these 35 small projects, the City conducted apx. 87 inspections, that were not included within the above categories during FY 20-21. The city conducted these inspections as part of its practice to ensure small projects are properly implementing site construction best management practices. The City of Clayton collects inspection fees to cover its costs and a small refundable deposit. This approach implemented several years ago greatly enhances our program to ensure these small projects are using appropriate BMP's. The City of Clayton is mostly built out, most of the construction activity is related to smaller residential type projects and some smaller tenant improvements to existing commercial buildings, therefore the City makes a priority to ensure these projects are using appropriate BMP's.

C.6.e.iii.(3)(e) ▶ Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP) ¹	Number Enforcement Actions Issued
Level 1 ²	Verbal warning / Verbal Correction	0
Level 2	Written warning/correction notice	0
Level 3	Stop Work Order verbal	0
Level 4	Stop Work Order written	0
Level 5	Citation	0
Level 6	Cease and Desist Order from City Attorney	0
Level 7	Cease and Desist Court Order/Right of Entry Order	0
Total		0

C.6.e.iii.(3)(f), ▶ Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence at hillside sites, high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii. 3.f)	0

C.6.e.iii.(3)(g) ▶ Corrective Actions

Indicate your reporting methodology below.

<input checked="" type="checkbox"/>	Permittee reports multiple discrete potential and actual discharges as one enforcement action.
<input type="checkbox"/>	Permittee reports the total number of discrete potential and actual discharges on each site.

	Number
Enforcement actions or discrete potential and actual discharges fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii. :3.g)	0

Comments: The city had no major – regulated- construction permits during FY 20-21 only minor homeowner additions/remodels.

¹Agencies should list the specific enforcement actions as defined in their ERPs.

²For example, Enforcement Level 1 may be Verbal Warning.

C.6.e.iii.(4) ► Evaluation of Inspection Data

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description: **For the small projects all were using appropriate small construction activity BMP's.**

C.6.e.iii.(4) ► Evaluation of Inspection Data

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description:

There were no active new development projects during FY 20-21. Overall there have not been any weaknesses identified. There has only been two small active construction site over the last seven years or too little activity to make evaluation, these were started in FY 17-18 and were completed in FY 18-19. One was a two lot detached single family home infill; the other was a 6 lot detached single family home infill. Evaluation of the inspection data shows clear and consistent actions from the City's contract City Engineer/Inspector to enforce all of the necessary BMP's and the City ordinance. Overall our experience is that we only have a few Level 1 Enforcement Actions - verbal warnings- and they have been promptly rectified that day or the following day, and always within 10 business days.

Our strength is in our training and information materials and permit process, and outreach/information processes we have developed. The City has had its former City Engineer, former Planning Director and Stormwater Manager trained on MRP 2.0 through the program training. The City also had staff participate in the February 11, 2020 CCCWP Workshop on Planning, Design, Construction, and Maintenance of LID Features and Facilities. The former City Engineer, and City Stormwater Program Manager (Asst to the City Manager) completed the QSD/QSP training. The former city engineer also took and passed the exam and is certified. They also received, along with the Planning Director and the Asst. Planner additional training from the CCCWP in June 2013 related to implementing MRP provision C3 requirements and in 2019 the CCCWP Green Infrastructure Training. The Asst to the City Manager is the City representative to the CCCWP and participates in various trainings and briefings/reports, and also participates in the New Development Committee. The City continues to actively implement the MRP requirements as part of its planning and development process review and refers any potential developer of a project subject to the MRP to the Programs website. The City outreached and provided informational materials to developers/architects and engineers in the private sector of training opportunities related to the MRP. The City provides informational materials on good housekeeping construction practices on all construction related permits, including small projects. The City has very infrequent large construction projects; most construction is smaller projects of home remodeling s/additions/swimming pools and commercial tenant improvements. The city requires and conducts inspections of all these projects to ensure compliance with appropriate BMP's.

The City's Stormwater Manager and former City Engineer actively participated in the CCCWP's Development Committee and monitored the activity of the BASMAA Development Committee. The former City Engineer had previously (5 years ago) replaced the prior inspection forms with the example forms available through the Clean Water Program. These were reviewed in FY 19-20 and no changes were needed. The City Inspector also participated in local training workshops/seminars on storm water inspection procedures.

During FY 20-21 the City had various interim staff as contract City Engineer and contract Planning Director. There was not any active regulated construction projects during FY 20-21. New contract Engineering staff and new Community Development Director will be provided information regarding applicable MRP requirements and the CCCWP Guidebook.

In April 2013 the City Council Adopted Ordinance 444 which updated our Stormwater Discharge Ordinance to align better with the MRP. The Ordinance framework was provided by the Clean Water Program new Development Committee Workgroup which the City Stormwater Manager (Asst to the City Mgr.) actively participated on.

As noted above there is not sufficient development or consistent development projects in the City of Clayton to be able to establish any meaningful evaluation of inspections, issues, concerns and data tracking/trend analysis. Of the projects in the past no consistent issues have been identified that need to be addressed or would generate any changes to construction site controls and inspection processes.

Refer to the C.6 Construction Site Control section of countywide CCCWP's program's FY 20-21 Annual Report for a description of activities at the countywide or regional level.

C.6.e.iii.(4) ► Evaluation of Inspection Program Effectiveness

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description: **Evaluation of Inspection Program Effectiveness is included in the above narrative under Evaluation of Inspection Data for information.**

The City of Clayton staff continued to participate in the countywide program's committees/work groups. For FY 20-21 committee participation included the Management Committee, Administration Committee and Development Committee. City staff monitored information provided by the CCCWP on committee work and BASMAA Development Committee. Inspection forms are regularly reviewed and no changes were needed or made during FY 20-21.

Refer to the C.6 Construction Site Control section of countywide program's FY 20-21 Annual Report for a description of activities at the countywide or regional level.

C.6.f.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance
The CCCWP sponsors training for permittees construction inspection training on a biannual basis. Previous training was in FY 19-20 and the next training will be in FY 20-21			

Section 7 – Provision C.7 Public Information and Outreach

C.7.b.i.1 ► Outreach Campaign

Summarize outreach campaign. Include details such as messages, creative developed, and outreach media used. The detailed outreach campaign report may be included as an attachment. If outreach campaign is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary:

Due to ongoing Covid impacts and restrictions there were no local community events or activities that allowed for our annual outreach which would have occurred with Clayton Cleans Up (April); Art and Wine Festival (May) and Oktoberfest (Sept/Oct). The local Clayton CHS Garden Tour and the Garden Club Annual Plant sale did occur. These groups did have materials on native planting, low water-water conservation and non-chemical or less toxic fertilizers/nutrients that were made available to attendees. (apx. attendance at each was 200).

Refer to Section 7 in the CCCWP's FY 20-21 Annual Report for a summary of activities related to the planning and development and outreach campaign.

C.7.b.iii.2 ► Post-Campaign Effectiveness Assessment/Evaluation

(For the Annual Report following the post-campaign effectiveness assessment/evaluation) Submit a report of the effectiveness assessment/evaluation completed, which, at a minimum, should include the following information:

- 1) A description of the outreach campaign
 - 2) A summary of how the effectiveness assessment/evaluation was implemented
 - 3) An analysis of the effectiveness assessment/evaluation results
 - 4) A discussion of the measurable changes in awareness and behavior achieved
 - 5) A discussion of the planned or future outreach campaigns to influence awareness and behavior changes regarding stormwater runoff pollution prevention messages
- If campaign implementation and effectiveness assessment were done Countywide or regionally, refer to a Countywide or regional submittal that contains the information described above.

	See attached effectiveness assessment/evaluation report
X	See Countywide or regional submittal (reference document)
	Effectiveness assessment/evaluation report was included in the FY 19-20 Report

C.7.d ► Public Outreach and Citizen Involvement Events		
Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed. Use the following table for reporting and evaluating public outreach events		
Event Details	Description (messages, audience)	Evaluation of Effectiveness
<p>Provide event name, date, and location. Indicate if event is local, countywide or regional. Indicate if event is public outreach or citizen involvement.</p>	<p>Identify type of event (e.g., school fair, creek clean-up, storm drain stenciling, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscapes presentation, pesticides, stormwater awareness)</p>	<p>Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as:</p> <ul style="list-style-type: none"> • Success at reaching a broad spectrum of the community • Number of participants compared to previous years. • Post-event effectiveness assessment/evaluation results • Quantity/volume of materials cleaned up, and comparisons to previous efforts
<p>The City of Clayton is required to participate in a minimum of 4 Public Outreach and Citizen Involvement event. This year the City participated in 7 event/activities; 5 through the CCCW Program: Bringing Back the Natives Virtual Gardens Tour April-June 2021; Mt. Funnelhead Virtual School Events and TV Ads; Our Water our World; Program website CCCleanwater.org; Volunteer Field Monitoring & Support. City had 2 events the Annual Clayton Garden Tour; and Annual Plant Sale.</p> <p>Each of the CCCW Program activities is described in full, including an evaluation of effectiveness, in the CCCWP Annual Report.</p>		

<p>Three other Annual Events that the City helped facilitate (Clayton Cleans Up, Art and Wine and Oktoberfest) were cancelled due to Covid. When these Covid impacted events are allowed to proceed in future outreach will be included.</p>		
<p>Bringing Back the Natives Garden Tour: Virtual event took place from April-June 2021.</p>	<p>This is a tour to encourage landscaping using native plants, minimizing pesticide usage, and conserving water for county residents. There were 2 Clayton gardens included on this free virtual event, which will be held 10 a.m.-3 p.m. Sundays, April 25 and May 2, 16 and 23.</p> <p>Refer to the CCCWP's FY 20-21 Annual Report, Section 7 Public Information and Outreach for a full description of the event.</p>	<p>Refer to the Fiscal Year 2020-21 Group Program Annual Report, Section C.7 for evaluation of effectiveness.</p>
<p>Mr. Funnelhead Virtual School Events and TV Ads</p>	<p>Refer to the Fiscal Year 2020-21 Group Program Annual Report, Section C.7 for activity description.</p>	<p>Refer to the Fiscal Year 2020-21 Group Program Annual Report, Section C.7 for evaluation of effectiveness.</p>
<p>Our Water Our World</p>	<p>Tabling/Outreach Events at Stores and on line Integrated Pest Management Trainings</p> <p>Refer to the Fiscal Year 2020-21 Group Program Annual Report, Section C.7 for activity description.</p>	<p>See the FY 20-21 Group Program Annual Report Section C.7 for further details regarding the effectiveness of this event.</p>
<p>CCCleanWater.org Website</p>	<p>Clean Water Program Community Calendar</p> <p>Refer to the Fiscal Year 2020-21 Group Program Annual Report, Section C.7 for activity description.</p>	<p>See the FY 20-21 Group Program Annual Report Section C.7 for further details regarding the effectiveness of this event.</p>
<p>Volunteer Field Monitoring Equipment Maintenance Support</p>	<p>Refer to the Fiscal Year 2020-21 Group Program Annual Report, Section C.7 for activity description</p>	<p>See the FY 20-21 Group Program Annual Report Section C.7 for further details regarding the effectiveness of this event.</p>

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Social Media Posts – Sagent Marketing	Refer to the Fiscal Year 2020-21 Group Program Annual Report, Section C.7 for activity description	See the FY 20-21 Group Program Annual Report Section C.7 for further details regarding the effectiveness of this event.
Annual Garden Club Plant Sale May 8, 2021	Information event targeted to local residents and homeowners, that features native plants, low water plants and plants grown organically; drought tolerant information, less toxic gardening practices information.	Estimated participation was about 200 residents.
Clayton Garden Tour May 14, and 15, 2021	Two day outdoor backyard event with Covid social distance protocol's for tours of local gardens targeted to local gardeners, homeowners with outreach materials and messages (e.g., no or little pesticides/fertilizers, organic and native plants stormwater awareness)	Estimated attendance was about 200 residents.

C.7.e. ► Watershed Stewardship Collaborative Efforts

<p>Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.</p> <p>Evaluate effectiveness by describing the following:</p> <ul style="list-style-type: none"> • Efforts undertaken • Major accomplishments <p>Summary:</p> <p>Countywide program provided a summary of efforts conducted at the countywide or regional level. See CCCWP Program Report for FY 20-21.</p>
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C.7.f. ► School-Age Children Outreach

<p>Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment.</p> <p>Use the following table for reporting school-age children outreach efforts.</p>			
Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
<p>Provide the following information: Name Grade or level (elementary/ middle/ high)</p>	<p>Brief description, messages, methods of outreach used</p>	<p>Provide number or participants</p>	<p>Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.</p>
<p>Mr. Funnelhead Virtual School Events, and TV Ads Refer to the C.7 Section of the countywide program's FY 20-21 Annual Report for program details of School-age Children Outreach efforts conducted at the countywide level.</p>	<p>See the FY 20-21 Group Program Annual Report, Section C.7 for description</p>	<p>See the FY 20-21 Group Program Annual Report Section C.7</p>	<p>See the FY 20-21 Group Program Annual Report Section C.7 for further details regarding the effectiveness of this event.</p>
<p>Youth Outreach Facebook and Instagram Campaign Refer to the C.7 Section of the countywide program's FY 20-21 Annual Report for program details</p>	<p>See the FY 20-21 Group Program Annual Report, Section C.7 for description</p>	<p>See the FY 20-21 Group Program Annual Report Section C.7</p>	<p>See the FY 20-21 Group Program Annual Report Section C.7 for further details regarding the effectiveness of this event.</p>

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<p>Countywide watershed Bingo Contest Educating elementary and high school students on stormwater and watersheds May-June 2021. Refer to the C.7 Section of the countywide program's FY 20-21 Annual Report for program details</p>	<p>See the FY 20-21 Group Program Annual Report, Section C.7 for description</p>	<p>See the FY 20-21 Group Program Annual Report Section C.7</p>	<p>See the FY 20-21 Group Program Annual Report Section C.7 for further details regarding the effectiveness of this event.</p>
<p>Due to Covid Clayton direct local School-age Children Outreach efforts did not occur. these events would have been Clayton Cleans Up; Art and Wine and Oktoberfest events where there are information booths that have materials school age appropriate.</p>			

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a. ► Implement IPM Policy or Ordinance

Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures?

Yes
 No

If no, explain:

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and **suggest reasons for increases in use of pesticides that threaten water quality**, specifically organophosphates, pyrethroids, carbamates fipronil, indoxacarb, diuron, and diamides. A separate report can be attached as evidence of your implementation.

List only quantities of organophosphates, pyrethroids, carbamates, fipronil, indoxacarb, diuron, and diamides that are used in a manner that could potentially impact water quality. Starting FY 16-17, Permittees are required to report the total quantity of the active ingredient used, not the total quantity of product used.

Trends in Quantities and Types of Pesticide Active Ingredients Used⁵³

Pesticide Category and Specific Pesticide Active Ingredient Used	Amount ⁵⁴					
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Organophosphates	0	0	0	0	0	0
Active Ingredient Chlorpyrifos	0	0	0	0	0	0
Active Ingredient Diazinon	0	0	0	0	0	0
Active Ingredient Malathion	0	0	0	0	0	0
Pyrethroids (see footnote #57 for list of active ingredients)	0	0	0	0	0	0
Active Ingredient Type X	0	0	0	0	0	0
Active Ingredient Type Y	0	0	0	0	0	0
Carbamates	0	0	0	0	0	0
Active Ingredient Carbaryl	0	0	0	0	0	0
Active Ingredient Aldicarb	0	0	0	0	0	0
Fipronil	0	0	0	0	0	0

⁵³Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁵⁴Weight or volume of the active ingredient, using same units for the product each year. Please specify units used. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: metofluthrin, bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, and permethrin.

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C.9 – Provision C.9 Pesticides Toxicity Controls

Pesticide Category and Specific Pesticide Active Ingredient Used	Amount					
	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21
Indoxacarb	Reporting not required in FY 15-16	0	0	0	0	0
Diuron	Reporting not required in FY 15-16	0	0	0	0	0
Diamides	Reporting not required in FY 15-16	0	0	0	0	0
Active Ingredient Chlorantranilprole		0	0	0	0	0
Active Ingredient Cyantranilprole		0	0	0	0	0
Reasons for increases in use of pesticides that threaten water quality:	N/A					
IPM Tactics and Strategies Used:	<p>The City historically has always used a very minimal amount of pesticides and herbicides. The City does not use any pesticides or herbicides in a manner that threatens water quality, or in any quantities that would be sufficient to have trend analysis. Pesticide use is limited to building interiors for ants and is done with ant bait stations where it does not come into contact and has no ability to threaten water quality.</p> <p>The City limits its use to herbicides to round up and pre-emergent for spot spraying in landscape areas during the dry weather. In Sept. 2019 the city instituted a one-year temporary moratorium on the use of glyphosate (ie: Roundup) in all public landscape areas. During that time the City utilized alternative least toxic products along with mulching and hand cutting/pulling. These had minimal success and were labor intensive. Therefore the city has augmented when necessary with some Roundup. The City continues to keep Roundup use to a minimum, but has had to increase the use in limited basis to prevent weeds due to lack of staffing, which was further impacted due to Covid. The City is committed to using the least toxic effective methods and continues to explore alternatives.</p> <p>Western Exterminators uses Thyme Oil, Rosemary Oil, 2-Phenethyl Propionate. Any work is done inside of building areas where it does not come into contact with water or if outdoors only during non-rain periods. Outdoor work is limited to around 4 building foundations treatments are applied only during non-rain periods so that there is not any potential runoff thus no threat to coming into contact with stormwater.</p>					

C.9.b ▶ Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	2
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year.	2
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within this reporting year.	100%

Type of Training:

The City Maintenance Department is typically staffed with 6 full time personnel. However, during a majority of the time FY 20-21, there was only 4 full time personnel available due to staff departure, illnesses/injuries, and staff training and leaves. The City has three maintenance staff that have received PAPA training which includes IPM with two in attendance in February 2020 and one September 2021 received their QAC (Qualified Applicator Certificate). PAPA training is done every two years.

All maintenance staff including seasonal temporary staff were provided or provided a refresher of Clean Water Program protocol for New Zealand Mud Snail prior to annual creek checking. This information is also provided to any hired contract firms that would be working in creek areas.

In addition, all Maintenance staff have periodic tailgate training that is done by the Maintenance Supervisor. The City outside non native invasive weed abatement for selective open space contractor is also Bay Friendly certified.

C.9.c ▶ Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year, for either landscaping or structural pest control?	X	Yes		No
If yes, did your municipality evaluate the contractor's list of pesticides and amounts of active ingredients used?	X	Yes		No,
If your municipality contracted with any pesticide service provider, briefly describe how contractor compliance with IPM Policy/Ordinance and SOPs was monitored				
The City contracts with Western Exterminator for building pest maintenance, who is Eco-Wise Certified. They use the lowest toxicity products needed for the conditions. They follow the City IPM Policy and city staff regularly meets with the technician and reviews and observes the products being used, Thyme Oil, Rosemary Oil, 2-Phenethyl Propionate. We review pest monitoring reports (to know what pest population needs controlling), reviewing actions taken before chemical pesticides are applied (such as traps, baits, physical barriers, mulching, etc.) and review the materials manifest documents which are kept on file at the city office to ensure that they are in compliance.				
If your agency did not evaluate the contractor's list of pesticides and amounts of active ingredients used, provide an explanation.				

<p>C.9.d ▶ Interface with County Agricultural Commissioners</p> <p>Did your municipality communicate with the County Agricultural Commissioner to: (a) get input and assistance on urban pest management practices and use of pesticides or (b) inform them of water quality issues related to pesticides.</p> <p>If yes, summarize the communication. If no, explain.</p> <p>General communication occurs as needed between Maintenance Supervisor and County Agricultural Commissioner especially in regard to certifications (PAPA).</p> <p>Please refer to the Countywide Program's Annual Report, Section 9 Pesticide Toxicity Controls for a summary of any CCCWP's communication with Contra Costa County Agricultural Commissioner.</p>			Yes	No
	X			
<p>Did your municipality report any observed or citizen-reported violations of pesticide regulations (e.g., illegal handling and applications of pesticides) associated with stormwater management, particularly the California Department of Pesticide Regulation (DPR) surface water protection regulations for outdoor, nonagricultural use of pyrethroid pesticides by any person performing pest control for hire.</p> <p>If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.</p>			Yes	No
		X		
<p>C.9.e.ii (1) ▶ Public Outreach: Point of Purchase</p> <p>Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); OR reference a report of a regional effort for public outreach in which your agency participates.</p> <p>Summary:</p> <p>See the C.9 Pesticides Toxicity Control section of Countywide Program's FY 19-20 Annual Report for information on point of purchase public outreach conducted countywide and regionally.</p>				
<p>C.9.e.ii (2) ▶ Public Outreach: Pest Control Contracting Outreach</p> <p>Provide a summary of outreach to residents who use or contract for structural pest control and landscape professionals; AND/OR reference a report of a regional effort for outreach to residents who hire pest control and landscape professionals in which your agency participates.</p> <p>Summary:</p> <p>See the C.9 Pesticides Toxicity Control section of Countywide Program's FY 20-21 Annual Report for information on point of purchase public outreach conducted countywide and regionally.</p>				

C.9.e.ii.(3) ▶ Public Outreach: Pest Control Operators

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); **AND/OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

See the C.9 Pesticides Toxicity Control section of Program's FY 20-21 Annual Report for a summary of our participation in and contributions towards countywide and regional public outreach to pest control operators and landscapers to reduce pesticide use.

C.9.f ▶ Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected; **AND/OR** reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.

Summary:

During FY 20-21, we participated in regulatory processes related to pesticides through contributions to the countywide Program and CASQA. For additional information, see the Regional Report prepared by CASQA.

Section 10 – Provision C.10 Trash Load Reduction

C.10.a.i ► Trash Load Reduction Summary

For population-based Permittees, provide the overall trash reduction percentage achieved to-date within the jurisdictional area of your municipality that generates problematic trash levels (i.e., Very High, High or Moderate trash generation). Base the reduction percentage on the information presented in C.10.b i-iv and C.10.e.i-ii. Provide a discussion of the calculation used to produce the reduction percentage

Trash Load Reductions

Percent Trash Reduction in All Trash Management Areas (TMAs) due to Trash Full Capture Systems (as reported in C.10.b.i)	99.5%
Percent Trash Reduction in all TMAs due to Control Measures Other than Trash Full Capture Systems (as reported in C.10.b.ii) ⁵⁵	0.0%
Percent Trash Reduction due to Jurisdictional-wide Source Control Actions (as reported in C.10.b.iv)	0.0%
SubTotal for Above Actions	99.5%

Trash Offsets (Optional)

Offset Associated with Additional Creek and Shoreline Cleanups (as reported in C.10.e.i)	0.0%
Offset Associated with Direct Trash Discharges (as reported in C.10.e.ii)	0.0%

Total (Jurisdictional-wide) % Trash Load Reduction through FY 2020-21

	99.5%
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Discussion of Trash Load Reduction Calculation:

The City of Clayton has a 99.5% trash load reduction that was accomplished in November 2012 with the installation of 25 full capture trash devices, well in advance of the permit deadlines. The City of Clayton has no changes to its Baseline Trash Generation Report and Maps, which were submitted and on file with the SFRWQCB.

⁵⁵ See Appendix 10-1 for changes between 2009 and FY 19-20 in trash generation by TMA as a result of Full Capture Systems and Other Measures.

C.10.a.iii ► Mandatory Trash Full Capture Systems

Provide the following:

- 1) Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 20-21, during FY 20-21, and to-date, including inlet-based and large flow-through or end-of-pipe systems, and qualifying low impact development (LID) required by permit provision C.3.
- 2) Total land area (acres) treated by full capture systems for population-based Permittees and total number of systems for non-population based Permittees compared to the total required by the permit.

Type of System	# of Systems	Areas Treated (Acres)
Installed in FY 20-21		
0		
Installed Prior to FY 20-21		
25 Full Trash Capture Pipe Screen	25	159
LID Bioretention (all private owned CVS, PH Estates, MC Place, Diablo Estates, etc)	7	36
Vortex (acreage included with Diablo Estates above)	1	
Total for all Systems Installed To-date	30	195
Treatment Acreage Required by Permit (Population-based Permittees)		6
Total # of Systems Required by Permit (Non-population-based Permittees)		

C.10.b.i ► Trash Reduction - Full Capture Systems

Provide the following:

- 1) Jurisdictional-wide trash reduction in FY 20-21 attributable to trash full capture systems implemented in each TMA;
- 2) The total number of full capture systems installed to-date in your jurisdiction;
- 3) The percentage of systems in FY 20-21 that exhibited significant plugged/blinded screens or were >50% full when inspected or maintained;
- 4) A narrative summary of any maintenance issues and the corrective actions taken to avoid future full capture system performance issues; and
- 5) A certification that each full capture system is operated and maintained to meet the full capture system requirements in the permit.

TMA	Jurisdiction-wide Reduction (%)	Total # of Full Capture Systems	% of Systems Exhibiting Plugged/Blinded Screens or >50% full in FY 19-20	Summary of Maintenance Issues and Corrective Actions
1	33.7	25	0	All devices were inspected and any needed maintenance was performed as required to ensure proper operations. No maintenance issues or corrective actions were identified during the routine cleaning and inspection for all the existing devices.
2	N/A	total all areas combined		
3	65.8			
4	N/A			
Total	99.5%			

Certification Statement:

The City of Clayton certifies that a full capture system maintenance and operation program is currently being implemented to maintain all applicable systems in manner that meets the full capture system requirements included in the Permit.

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART A)

Provide a summary of trash control actions other than full capture systems or jurisdictional source controls that were implemented within each TMA, including the types of actions, levels and areal extent of implementation, and whether actions are new, including initiation date.

TMA	Summary of Trash Control Actions Other than Full Capture Systems
1	Statewide plastic bag ban –Jan 2017- in FY 16-17 staff visited all businesses subject to the law and verified they are in compliance; however during Covid state suspended regulation during FY 20-21.
2	Statewide plastic bag ban – Jan 2017- in FY 16-17 staff visited all businesses subject to the law and verified they are in compliance; however during Covid state suspended regulation during FY 20-21
3	Statewide plastic bag ban – Jan 2017- in FY 16-17 staff visited all businesses subject to the law and verified they are in compliance; however during Covid state suspended regulation during FY 20-21
4	Statewide plastic bag ban – Jan 2017 – in FY 16-17 staff visited all businesses subject to the law and verified they are in compliance; however during Covid state suspended regulation during FY 20-21
1	2 Additional Trash and 2 Recycling bins installed at Grove park in FY 16/17
3	5 Additional Trash and 5 Recycling bins installed at Community Park in FY 16/17
2	Shopping Center Sweeping
1	City wide street sweeping – prior to 2009 and ongoing
2	City wide street sweeping – prior to 2009 and ongoing
3	City wide street sweeping – prior to 2009 and ongoing
4	City wide street sweeping – prior to 2009 and ongoing
1	Annual Clayton Clean up community wide clean up Earth Day event – prior to 2009 and ongoing however due to Covid this community event could not be held in FY 20-21.
2	Annual Clayton Clean up community wide clean up Earth Day event – prior to 2009 and ongoing however due to Covid this community event could not be held in FY 20-21.
3	Annual Clayton Clean up community wide clean up Earth Day event – prior to 2009 and ongoing however due to Covid this community event could not be held in FY 20-21.

C.10.b.ii ► Trash Reduction – Other Trash Management Actions (PART B)

Provide the following:

- 1) A summary of the on-land visual assessments in each TMA (or control measure area), including the street miles or acres available for assessment (i.e., those associated with VH, H, or M trash generation areas not treated by full capture systems), the street miles or acres assessed, the % of available street miles or acres assessed, and the average number of assessments conducted per site within the TMA; and
- 2) Percent jurisdictional-wide trash reduction in FY 20-21 attributable to trash management actions other than full capture systems implemented in each TMA; OR
- 3) Indicate that no on-land visual assessments were performed.

	X	Explanation: The City of Clayton has reached a 99.5% trash reduction through the installation of full trash capture devices. The City does conduct periodic spot checking at least annually of all TMA areas to ensure that categorization (ie Low or Very Low) are still applicable categories. Because Clayton is comprised of low generating area, and/or under full trash capture, other assessments are not required. However staff does at least annually visually check the drainage areas to the trash capture devices and has not found any trash or litter issues.
If no on-land visual assessments were performed, check here and state why:		

TMA ID or (as applicable) Control Measure Area	Total Street Miles ⁵⁶ or Acres Available for Assessment	Summary of On-land Visual Assessments			Jurisdictional-wide Reduction (%)
		Street Miles or Acres Assessed	% of Available Street Miles or Acres Assessed	Avg. # of Assessments Conducted at Each Site	
1	0.00	N/A	N/A	N/A	N/A
2	0.00	N/A	N/A	N/A	N/A
3	0.01	0.00	0.00	0	0.0
4	0.00	N/A	N/A	N/A	N/A
Total		N/A	N/A	N/A	N/A

⁵⁶ Linear feet are defined as the street length and do not include street median curbs.

C.10 – Provision C.10 Trash Load Reduction

C.10.b.iv ▶ Trash Reduction – Source Controls

Provide a description of each jurisdictional-wide trash source control action implemented to-date. For each control action, identify the trash reduction evaluation method(s) used to demonstrate on-going reductions, summarize the results of the evaluation(s), and estimate the associated reduction of trash within your jurisdictional area. Note: There is a maximum of 10% total credit for source controls.

Source Control Action	Dominant Trash Sources and Types Targeted	Evaluation/Enforcement Method(s)	Summary of Evaluation/Enforcement Results To-date	% Reduction
State Plastic Bag Ban	The State Legislation passed in November 2016 and became effective during this reporting period. The legislation applies to 5 commercial businesses in Clayton. Plastic Bags	Staff has inspected all 5 businesses subject to the ban in FY 17-18 and again in FY 18-19 and verified all were in compliance with state law by either providing paper bags or heavier plastic reuse type bags for a fee. Due to Covid the State suspended the plastic bag ban. However the City is not taking additional credit for Plastic Bag Ban.	Although Clayton never had much plastic bag litter issues, during our annual inspections of DI and Creeks we have not noticed plastic bags as being a big part of the litter stream. We have also noticed fewer plastic bags being windblown onto school district field fencing likely due Covid as schools were not in session and thus not the “walking” to and from schools.	None Claimed we have met the requirements via already installed trash capture devices.
Public Education and Outreach	Through our curbside hauler (Republic Services) provides direct mail and billing messages to customers on proper refuse and recycling disposal, free curbside of bulky items and e-waste, and proper use of curbside carts (residential) and roll off bins (commercial) General litter			None Claimed we have met the requirements via already installed trash capture devices.

C.10.c ► Trash Hot Spot Cleanups

Provide the FY 20-21 cleanup date and volume of trash removed during each MRP-required Trash Hot Spot cleanup during each fiscal year listed. Indicate whether the site was a new site in FY 20-21.

Trash Hot Spot	New Site in FY 19-20 (Y/N)	FY 20-21 Cleanup Date(s)	Volume of Trash Removed (cubic yards)								
			FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21
Clayton Station (behind Safeway Mt. Diablo Creek Segment)	N	Oct. 15, 2020	.15 cy (25 gal)	.04 cy (7.5 gal)	.15 cy (25 gal)	.07 cy (7 gal)	1.0 cy (40 gal)	.75 cy (30 gal)	.50 cy (20 gal)	1.8 cy (90 gal)	1.5 cy (60 gal)

C.10.d ► Long-Term Trash Load Reduction Plan

Provide descriptions of significant revisions made to your Long-term Trash Load Reduction Plan submitted to the Water Board in February 2014. Describe significant changes made to primary or secondary trash management areas (TMA), baseline trash generation maps, control measures, or time schedules identified in your plan. Indicate whether your baseline trash generation map was revised and if so what information was collected to support the revision. If your baseline trash generation map was revised, attach it to your Annual Report.

Description of Significant Revision	Associated TMA
None.	
<p>Note: As reported in the FY 17-18 report, K-12 public schools were reclassified as non-jurisdictional and removed from TMA #3 this resulted in about 10 acres reduction and a change overall from 100% reduction to 99.5% ; this .5% change was not considered significant but is being documented here again for continuity consistent with the K-12 reclassification overall. No revisions were needed to map or any other actions as a result of this minor adjustment. This is not a new revision as this change was reported in the FY 17-18 report.</p>	3

FY 2020-2021 Annual Report
Permittee Name: City of Clayton

C.10 – Provision C.10 Trash Load Reduction

C.10.e. ► Trash Reduction Offsets (Optional)

Provide a summary description of each offset program implemented, the volume of trash removed, and the offset claimed in FY 20-21. Also, for additional creek and shoreline cleanups, describe the number and frequency of cleanups conducted, and the locations and cleanup dates. For direct discharge control programs approved by the Water Board Executive Officer, also describe the results of the assessments conducted in receiving waters to demonstrate the effectiveness of the control program. Include an Appendix that provides the calculations and data used to determine the trash reduction offset.

Offset Program	Summary Description of Actions and Assessment Results	Volume of Trash (CY) Removed/Controlled in FY 19-20	Offset (% Jurisdiction-wide Reduction)
<p>Additional Creek and Shoreline Cleanups (Max 10% Offset)</p>	<p>None claimed – However the local newspaper, Clayton Pioneer, hosts one community wide creek/trail clean up in April. Creek areas covered included portions of Mt. Diablo Creek, Donner Creek and Mitchell Creek within the City limits of Clayton.</p> <p>This event was last done on April 20, 2019. Apx. 110 attended and there was apx. 15 cubic yards of vegetation and miscellaneous litter items (paper, wood, plastic, cardboard) collected along the trails, creeks, parks and in downtown Clayton.</p> <p>Covid restrictions did not allow this to be held. It is hoped that it will resume in the future, again not taking any additional offsets- just an additional component that does increase our volume of trash removed above and beyond the 99.5% claimed with trash capture devices.</p>		<p>None claimed</p>
<p>Direct Trash Discharge Controls (Max 15% Offset)</p>	<p>N/A</p>		

FY 2020-2021 Annual Report
Permittee Name: City of Clayton

C.10 – Provision C.10 Trash Load Reduction

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 20-21.

TMA	2009 Baseline Trash Generation (Acres)					Trash Generation (Acres) in FY 20-21 After Accounting for Full Capture Systems					Jurisdiction-wide Reduction via Full Capture Systems (%)	Trash Generation (Acres) in FY 20-21 After Accounting for Full Capture Systems and Other Control Measures					Jurisdiction-wide Reduction via Other Control Measures (%)	Jurisdiction-wide Reduction via Full Capture AND Other Control Measures (%)
	L	M	H	VH	Total	L	M	H	VH	Total		L	M	H	VH	Total		
1	31	13	0	0	44	44	0	0	0	44	33.7	44	0	0	44	0.0	33.7	
2	15	0	0	0	15	15	0	0	0	15	0.0	15	0	0	15	0.0	0.0	
3	2	25	0	0	27	27	0	0	0	27	65.8	27	0	0	27	0.0	65.8	
4	2354	0	0	0	2354	2354	0	0	0	2354	0.0	2354	0	0	2354	0.0	0.0	
Totals	2401	39	0	0	2439	2439	0	0	0	2439	99.5	2439	0	0	2439	0.0	99.5	

Note: "NA" indicates that the TMA has no moderate, high or very high trash generating areas (i.e., all low trash generating and/or non-jurisdictional) and therefore no additional trash control measures are needed.

Section 11 – Provision C.11 Mercury Controls

- C.11.a ► Implement Control Measures to Achieve Mercury Load Reductions
- C.11.b ► Assess Mercury Load Reductions from Stormwater
- C.11.c ► Plan and Implement Green Infrastructure to Reduce Mercury Loads

See the Countywide Program's FY 2020-21 Annual Report for updated information on:

- Documentation of mercury control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology⁵⁷ was used to calculate the mercury load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated mercury load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess mercury load reductions in the subsequent permit.

C.11.e ► Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision, including a brief description of actions taken, an estimate of the number of people reached, why these people are deemed likely to consume Bay fish, and the findings of an effectiveness evaluation of the risk reduction program, are included in the Countywide Program's FY 2020-21 Annual Report.

⁵⁷BASMAA 2017. Interim Accounting methodology for TMDL Loads Reduced. Version 1.1 Prepared by BASMAA by Geosyntec Consultants and EOA, Inc., march 23, 2017.

Section 12 – Provision C.12 PCBs Controls

- C.12.a ► Implement Control Measures to Achieve PCBs Load Reductions
- C.12.b ► Assess PCBs Load Reductions from Stormwater
- C.12.c. ► Plan and Implement Green Infrastructure to Reduce PCBs Loads

See the Countywide Program's FY 2020-21 Annual Report for:

- Documentation of PCBs control measures implemented in our agency's jurisdictional area for which load reductions will be reported and the associated management areas;
- A description of how the BASMAA Interim Accounting Methodology⁵⁸ was used to calculate the PCBs load reduced by each control measure implemented in our agency's jurisdictional area and the calculation results (i.e., the estimated PCBs load reduced by each control measure);
- Supporting data and information necessary to substantiate the load reduction estimates; and
- For Executive Officer approval, any refinements, if necessary, to the measurement and estimation methodologies to assess PCBs load reductions in the subsequent permit.

C.12.f. ► Manage PCB-Containing Materials During Building Demolition

Note: On June 13, 2020 the City of Clayton received its written approval for exemption from this requirement.

See the Countywide Program's FY 2020-21 Annual Report for:

- Documentation of the number of applicable structures in each Permittee's jurisdiction for which a demolition permit was applied for during the reporting year;
- A running list of the applicable structures in each Permittee's jurisdiction for which a demolition permit was applied for (since the date the PCBs control program was implemented) that had material(s) with PCBs at 50 ppm or greater, with the address, demolition date, and brief description of PCBs control method(s) used; and

⁵⁸BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced. Version 1.1. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., June 2020.

C.12.h ► Implement a Risk Reduction Program

A summary of Countywide Program and regional accomplishments for this sub-provision, including a brief description of actions taken, an estimate of the number of people reached, why these people are deemed likely to consume Bay fish, and the findings of an effectiveness evaluation of the risk reduction program, are included in the Countywide Program's FY 2020-21 Annual Report.

Section 13 – Provision C.13 Copper Controls

C.13.a.iii.(3) ► Manage Waste Generated from Cleaning and Treating of Copper Architectural Features

Provide summaries of permitting and enforcement activities to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction.

Summary:

There are not any copper roofs or other copper architectural features existing in the City of Clayton. New development projects, or modification to existing projects, are subject to review by planning dept. prior to the issuance of building permits, and would require discretionary review by the Planning Dept. and/ or Planning Commission. If copper features were proposed staff would either work to have the material changed to non-copper; or if approved with copper features, including roofs, would have all runoff including that from cleaning, treating and washing go into LID's. Guidance materials developed by the San Mateo Countywide Pollution Prevention Program and used by the Contra Costa Clean Water Program were provided to the County Building Division that handles building permit review for the City of Clayton. These materials document BMP's that should be implemented during installation and maintenance of copper architectural features.

C.13.b.iii.(3) ► Manage Discharges from Pools, Spas, and Fountains that Contain Copper-Based Chemicals

Provide summaries of any enforcement activities related to copper-containing discharges from pools, spas, and fountains.

Summary:

There were no enforcement activities required or undertaken in FY 20-21 for copper containing discharges from pools, spas or fountains. The City of Clayton utilizes the CCCWP pamphlet addressing appropriate BMPs for draining pools, spas and fountains (http://www.cccleanwater.org/_pdfs/Pool_Spa_Brochure.pdf). This tri-fold informs residents/contractors of maintenance items that reduce the need to drain pools and spas, instructs in the proper procedures for pool draining (discharge to sanitary sewer), and provides tips for locating the sanitary sewer clean-out. In addition, the City refers residents to CCCSD for a no-fee permit for discharging water from pools and spas and provides BMP information on its webpage (<http://www.centraislan.org/index.cfm?navId=203>). For all new or renovation pool and or spa plans the City provides these materials to the contractor and homeowner. If the homeowner has a contractor obtaining the permits the City provides notice on the plans that the contractor is responsible to provide the materials to the homeowner on proper discharge and maintenance.

C.13.c.iii ► Industrial Sources Copper Reduction Results

Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.

Summary:

There are no facilities within the City of Clayton that have been identified as potential users or sources of copper that would require copper reduction BMPs. In general no facilities were inspected in FY 20-21 under Provision C-4 Industrial and Commercial Business Inspection program that are potential users or sources of copper. There was one business inspected on November 3, 2020 and August 25, 2015 (R&M Pool and Spa Garden Center) and no issues were identified in the inspection by our POTW – Central Sans at either inspection. Central Sans furnished informational materials Guidance materials developed by the San Mateo Countywide Pollution Prevention Program and used by the Contra Costa Clean Water Program were provided to the County Building Division that handles building permit review for the City of Clayton. These materials document BMP's that should be implemented during installation and maintenance of copper architectural features.

Please also refer to BASMAA POC inspector training materials.

Section 15 – Provision C.15 Exempted and Conditionally Exempted Discharges

C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary:

The City of Clayton through the CCCWP promotes and implements several programs and measures to minimize pollutant loading from excess irrigation including, but not limited to:

- Stormwater C.3 Guidebook adopted by ordinance, which promotes to land development professionals landscaping designed to: 1) minimize irrigation and runoff; 2) promote infiltration of runoff where appropriate; and, 3) minimize use of fertilizers and pesticides using pest-resistant plants that are suited to site conditions (e.g., soil and climate).
- Green Business Program, which promotes to businesses a variety of measures such as using drought tolerant plantings, mulching, carefully monitoring irrigation schedules and needs, and implementing Integrated Pest Management.
- Our Water Our World (OWOW) Program, which promotes to consumers at the point of purchase less toxic alternatives to combating lawn and garden pests.
- Bay Friendly Landscaping and Gardening Training and Certification Program promotes to landscapers a variety of measures designed to reduce waste and prevent stormwater pollution.

Materials prepared by the Program on less toxic pest control measures are available at the library kiosk display and are typically provided at the Annual Clayton Cleans Up event, Creekside Arts Festival, Art and Wine and Oktoberfest events. Materials typically provide information on water restrictions, conservation, proper plan selection, less toxic pest control and landscape management and drought tolerant and native vegetation. However due to Covid restrictions the library has been closed and the events were cancelled.

The local garden club also provided information on drought tolerant and native vegetation their annual spring plant sale. There are also local landscape designers that support these approaches and include this aspect in their print media of our local newspaper on a regular basis. The local garden club (Clayton Valley Garden Club) was able to host an annual local spring Garden Tour where homes feature water conserving planting and irrigation, in addition the City of Clayton supports the Bringing Back the Natives annual Garden Tour, with often one or two nearby homes on the tour promotes water conserving planting and irrigation, and less toxic pest control methods.

Since 1987 the City has had water conservation measures for development projects. In 2010 the City of Clayton adopted more extensive water conservation requirements (Ordinance 452) as was mandated per state law which required new private and public development to submit efficient irrigation water use calculations and detailed landscape plan prior to either issuance of permits or final inspection of the development project. The Planning staff, City Engineer, stormwater were trained on these requirements.

In FY 16-17 the City of Clayton in December 2016 enacted new ordinance No. 470 which replaced the prior Ordinance No. 452 to comply with newer state regulations of WELO (Water Efficient Landscape Ordinance).

Since the requirements are a part of the city codes they are included on our on line documents. The Planning staff provides the information to as part of the early review consultation process of any applicable private or public landscape project or development application. The city engineer includes as part of any public contract bid process, and city maintenance staff utilize as part of any major landscape renovation project.

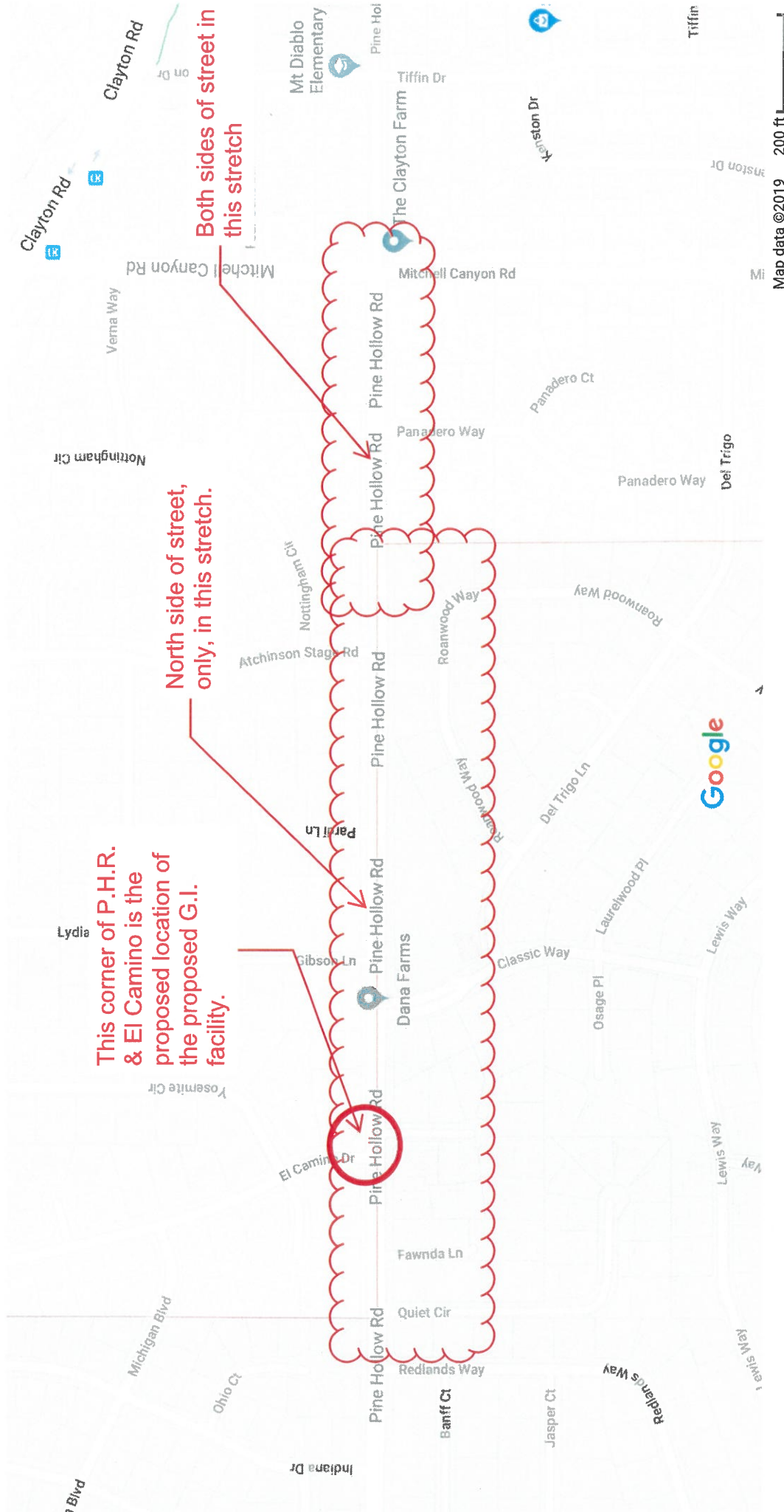
In April 2017, the City adopted Ordinance 474 which updated the Building Codes to the 2016 Cal Green version which includes water conservation components related to plumbing established in the February 2014 Cal Green codes. The City is also covered by any water conservations either voluntary or mandatory set forth by the State and Contra Costa Water District.

With the still ongoing concerns about future water supplies statewide and future droughts there has been many media provided by the State and the Contra Costa Water District (CCWD) on water conservation, including print ads, direct mail information/bill insert, web, social media, with messages to customers regarding water conservation promotion.

Our outside contractor for invasive non-native weed abatement is also Bay Friendly Certified.

Refer to the C.3 New Development and Redevelopment, C.7. Public Information and Outreach and C.9. Pesticide Toxicity Control sections of Program's FY 2020-21 Annual Report.

CITY OF CLAYTON GI - 2030



ATTACHMENT 1-3

**Clean Water Inspections
Fiscal Year 2020-21**

**Annual Report
7/1/2020-6/30/2021**

Type	Facility Name	Address	STW City	Inspector	Date	Inspection Type	Billing Type	Enforcement?
Commercial	Endeavor Hall	6008 Center Street	Clayton	J. Olympia	10/9/2020	Reinspected	Add-on	None
Dry Cleaner	Valley Cleaners	5425 Clayton Road	Clayton	J. Olympia	5/18/2021	Reinspected	Add-on	None
Food Service	Curry Bowl	5435 Clayton Road F	Clayton	J. Olympia	3/11/2021	Reinspected	Add-on	None
Food Service	Freewheel Pizza Co.	5433 Clayton Road A1	Clayton	J. Olympia	5/18/2021	Closed	Add-on	None
Food Service	Papa Murphy's Take 'n Bake	5433 Clayton Road H	Clayton	J. Olympia	5/18/2021	Reinspected	Add-on	None
Food Service	Skipolini's Pizza	1035 Diablo Street	Clayton	J. Olympia	5/18/2021	Reinspected	Add-on	None
Food Service	Village Market	6104 Main Street	Clayton	J. Olympia	5/18/2021	Reinspected	Add-on	None
Retail	CVS Pharmacy	6490 Clayton Road	Clayton	J. Olympia	10/19/2020	Reinspected	Add-on	None
Retail	R & M Pool Patio And Garden	6780 Marsh Creek Road	Clayton	J. Olympia	11/3/2020	Reinspected	Add-on	None

Total number of Initial Inspections and Reinspections: 8

Total number of NOV's issued: 0

Total number of Follow-up, Enforcement Follow-up, Surveillance, Consultation and Partial inspections: 0

Total number of WNs issued: 0

Total number of closed or moved or inactive Inspections: 1

Fiscal Year 2019/2020
Public Information/Participation Events and Activities by the CCCWP

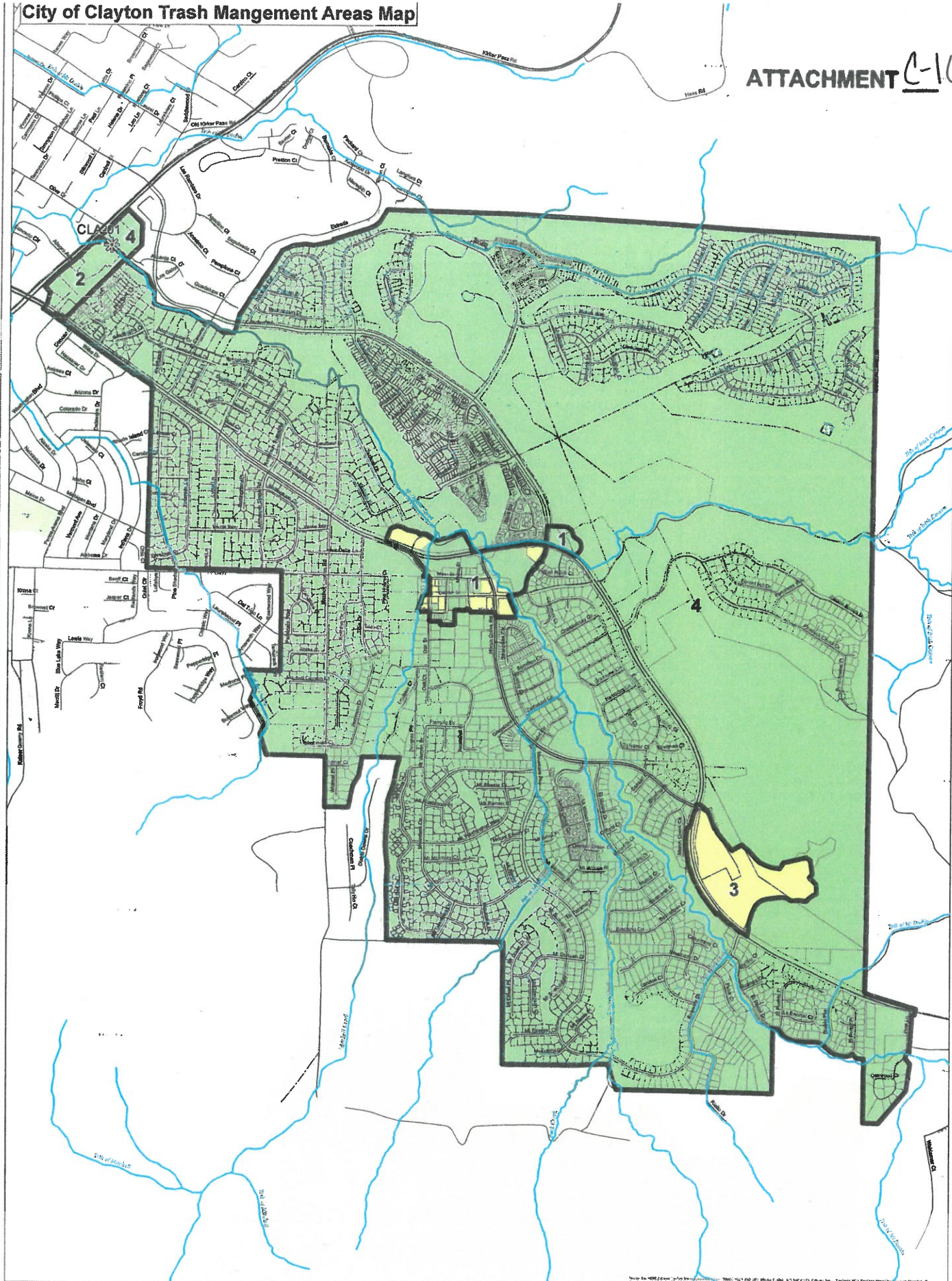
	C7.c. - Stormwater Pollution Prevention Education - Individually or collectively maintain and publicize one point of contact for information on stormwater issues, watershed characteristics, and stormwater pollution prevention alternatives.	C7.d. - Public Outreach and Citizen Involvement Events - Participate in and/or host a mix of public outreach and citizen involvement events such as fairs, shows, and workshops; and, creek/shore clean-ups, adopt-an-inlet/creek/branch programs, volunteering monitoring, storm drain inlet marking, riparian restoration activities, and community events, respectively.	C7.e. - Watershed Stewardship Collaborative Events - Individually or collectively encourage and support efforts of community groups such as the CCCWF, Friends of Creeks, etc.	C7.f. - School-Age Children Outreach - Individually or collectively implement outreach activities designed to increase awareness of stormwater and/or watershed messages in school-age children (K-12).	C9.e. - Public Outreach to Consumers, PCOs & Residents - Conduct outreach to consumers at point of purchase via the Our Water Our World program. Conduct outreach to residents who use or contract for structural or landscape pest control, and to pest control operators and landscapers to reduce pesticide use.	C11.e. - Implement a Mercury Risk Reduction Program - Conduct an ongoing risk reduction program to address public health impacts of mercury in San Francisco Bay/Delta fish. Take actions to reduce actual and potential health risks in those people and communities most likely to consume San Francisco Bay-caught fish.	C12.h. - Implement a PCBs Risk Reduction Program - Conduct an ongoing risk reduction program to address public health impacts of PCBs in San Francisco Bay/Delta fish. Take actions to reduce actual and potential health risks in those people and communities most likely to consume San Francisco Bay-caught fish.			
	# Required	Programs ¹	# Required	Programs ¹	# Required	Programs ¹	# Required	Programs ¹		
ANTIOCH	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
BRENTWOOD	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
CLAYTON	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
CONCORD	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
COUNTY	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
DANVILLE	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
EL CERRITO	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
FLOOD CONTROL	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
HERCULES	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
LAFAYETTE	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
MARTINEZ	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
MORAGA	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
OAKLEY	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
ORINDA	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
PINOLE	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
PITTSBURG	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
PLEASANT HILL	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
RICHMOND	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
SAN PABLO	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
SAN RAMON	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M
C	1+	B, L, M	1+	A, C, F, G	1+	D, N, O	1	E, H, J	1	K, M

¹Programs:

- A. April through June 2021 "Bringing Back the Natives" Virtual Garden Tour
- B. CCCWP/BASMAA Websites - Provide CCCWP as Point of Contact, and Webpages on Stormwater Issues, Watershed Characteristics, and Stormwater Pollution Prevention Alternatives
- C. Program Participation in the Contra Costa Watershed Forum
- D. Mr. Funnelhead Virtual School Events, and TV Ads
- E. Our Water Our World (Tabling/Outreach Events at Stores and Online Integrated Pest Management Trainings)
- F. Green Business Program
- G. Website: CcleanWater.org Community Calendar
- H. CCCWP Website - Link to Bay Friendly Landscaping and Gardening Coalition (a.k.a. Rescape California), which provides a directory for hiring Bay Friendly Qualified Professionals at <http://rescapeca.org/directory/>
- I. CCCWP Promotion of the Pesticide Applicators Professional Association's (PAPA's) Integrated Pest Management Seminar to PCOs held in June 2019 in Concord; and no inperson events held during 2020 or 2021, but online courses now offered
- J. Volunteer Field Monitoring Equipment Maintenance Support
- K. Fish Risk Reduction Program for Mercury and PCBs
- L. Digital advertisements via TV and social media - Sagent Marketing
- M. Social media posts - Sagent Marketing
- N. Youth outreach Facebook and Instagram campaign
- O. May - June 2021 Countywide watershed bingo contest educating elementary and high school students on stormwater and watersheds

City of Clayton Trash Mangement Areas Map

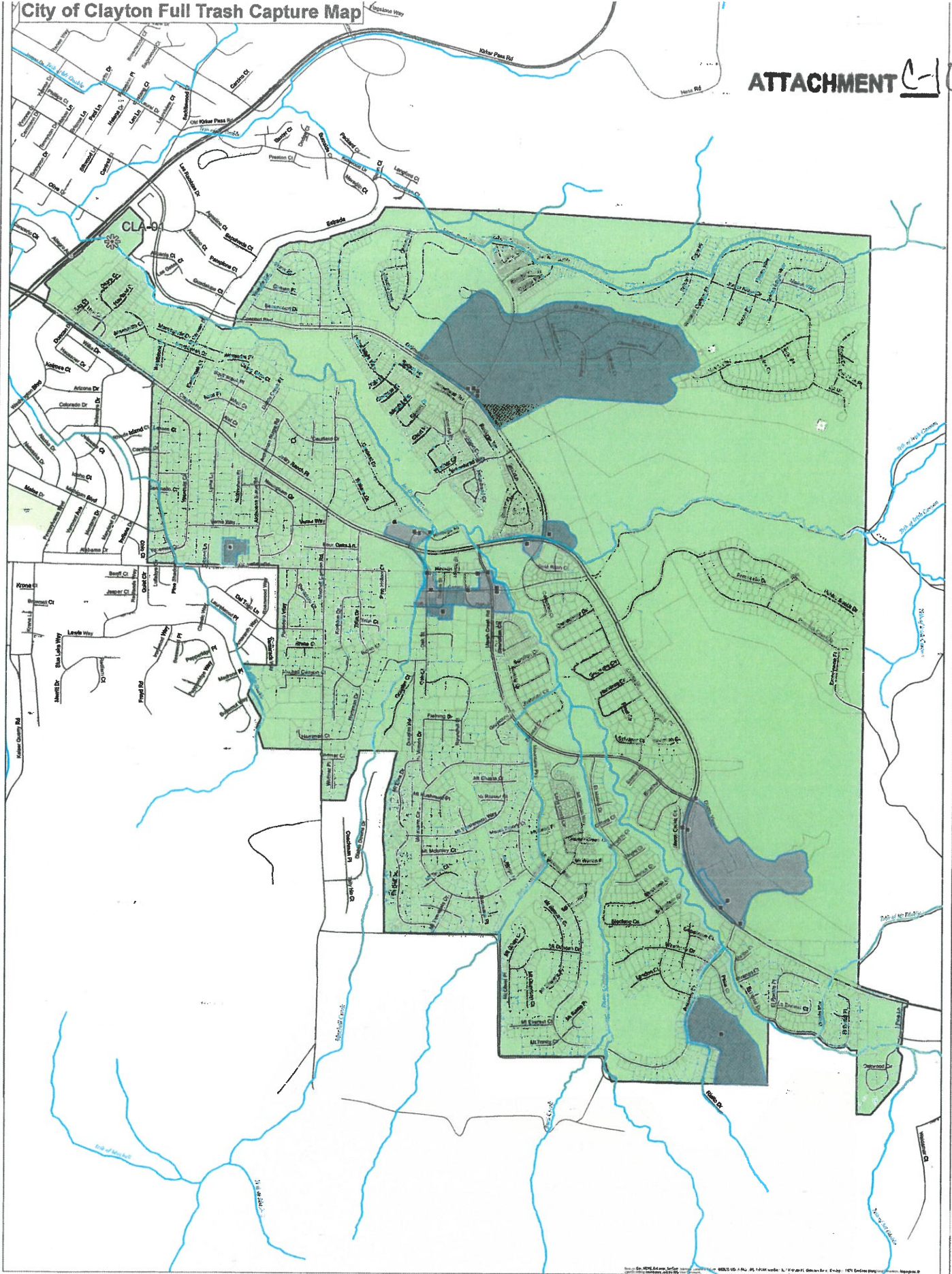
ATTACHMENT C-10 a



Legend		
Trash Generation Category		
	Low	
	Medium	
	High	
	Very High	
	Creek/Shoreline Hotspot	
	Trash Management Area	
	Non-Jurisdictional (Dot color = Generation Category)	



Data Sources:
 Roads: Tele Atlas
 City Boundaries: Contra Costa County
 Background: ESRI World Topographic Map
Map Created By:
 EOA, Inc.
Date:
 November 6th, 2014



Legend

Low	Creek/Shoreline Hotspot	Streets
Medium	Full-Capture Location	Agency Boundary
High	Full Trash Capture	Creeks
Very High	Non-Jurisdictional (Dot color = Generation Category)	Parcel Boundary



Data Sources:
 Roads: Tele Atlas
 City Boundaries: Contra Costa County
 Background: ESRI World Topographic Map

Map Created By:
 EOA, Inc.
Date:
 November 5th, 2014