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September 30, 2019

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

Dear Mr. Montgomery:

Enclosed is the Fiscal Year 2018-19 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.

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,


Joe Sbranti
Interim City Manager

Enclosure

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Section 1 – Permittee Information

| | | | | | |
|--|--|------------------|--------------------|-------------------------------|--------------|
| Background Information | | | | | |
| Permittee Name: | City of Clayton | | | | |
| Population: | 11,288 | | | | |
| NPDES Permit No.: | CAS612008 | | | | |
| Order Number: | R2-2015-0049 | | | | |
| Reporting Time Period (month/year): | July 2018 through June 2019 | | | | |
| Name of the Responsible Authority: | Joe Sbranti | | Title: | Interim 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: | JSbranti@ci.clayton.ca.us | | | | |
| Name of the Designated Stormwater Management Program Contact (if different from above): | Laura Hoffmeister | | Title: | Assistant to the City Manager | |
| Department: | Administration | | | | |
| Mailing Address: | 6000 Heritage Trail | | | | |
| City: | Clayton | Zip Code: | 94517 | County: | Contra Costa |
| Telephone Number: | 925-673-7308 | | Fax Number: | 925-672-4917 | |
| E-mail Address: | LHoffmeister@ci.clayton.ca.us | | | | |

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 18-19 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 18-19 there was only 3 full time personal available due to major illnesses, injuries, and the departure of a full time long term supervisor. 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 18-19 on all public city streets, which is about 82 curblane miles. (annually this equates to 1764 curb lane miles swept). 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. 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 Quarry based on the average amount of material picked up per mile by the City sweeper per mile. This would equate to .058 tons (or .20 cubic yards) per mile. 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 again likely due to the less vegetation associated with the drought.

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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 18-19 every City storm drain (catch basin) and culverts were inspected and cleaned (approximately 650) and approximately 6.5 cubic yards of 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 from 11 catch basins. 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.] In addition the City maintenance cleaned and removes debris from 25 full trash capture devices. In FY 17-18 apx. 153.25 cubic feet were removed from the trash capture devices, slightly more than last year. [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 collected.] The lower numbers are attributable to the drought conditions with less silts and vegetation. The City observes 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). No metal items such as cans were collected.

DI “No Dumping Drains to Creek” decals: The 650 inlets were inspected at the same time of cleaning /inspections. Of the 650 inlets there were 55 locations identified from FY 18-19 inspection, that will be done in FY 19-20 along with the prior 40 identified in FY 17-18 that were not replaced during FY 18-19 due to staffing shortages. [For comparison 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 which will be done in Spring FY 17-18.] Currently 94% of the inlets are marked.

Creek cleaning of the 10 miles of creeks were walked and inspected and cleaned by the City Maintenance staff consisted of 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 culverts areas were done. The box culvert areas are done about once every four to 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 18-19 (August 14, 2018) this Hot Spot had .52 cubic yards of material removed , which is slightly less than last year. [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 18-19 included a few plastic bottles, convenience fast food paper litter and cups, other plastic, fabric and cloth; and paper and cardboard. This creek stretch is behind a Safeway store and near a box culvert (in 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, along with the city no camping ordinance which allows the police to cite/arrest; and the property owner authorization to arrest for 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) – with more regular fall and winter

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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. 11 cubic yards of dirt and weeds were removed from the V-ditches during FY 18-19. 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 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 in 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 parks 79 containers (usually 2 weekly) during 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 collected and 398 cubic yards or recycling collected; FY 16-17 apx. 1,864 cubic yards of trash was collected and 332 cubic yards or 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 18-19 on September 14, 2018, and the City tree trimming and weed abatement contractor received and the information on October 7, 2018. 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 18-19 the following was collected curbside:

Used Oil (Gals) 861 gallons; 254 Oil Filters; 852 batteries; 253 lightbulbs; 193 mattresses; 662 e-waste items; 187 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 18-19 a total of 438 lbs of sharps and 401 lbs. of pharms waste.

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 | | Yes | No |
|--|--|--------------------------|-------------------------------------|
| Does your municipality own/maintain rural ¹ roads: | | | |
| If your answer is No then skip to C.2.f. | | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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 was 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.**

We have included the last nine 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.

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:

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| 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 | | 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. |
| 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 silts 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. |

² Minimum inspection frequency is once a year during September.

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| | | | | |
|--------------------------|---|----------------------------|---|--|
| Clayton Maintenance Yard | 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. | Removed old paint, signs, old light bulbs from yard and recycled or disposed as necessary. Yard was dry swept. Completed 9/30/15. 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. |
| Clayton Maintenance Yard | yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking | October 5, 2012 (FY 12-13) | All BMPs working fine. Tarps are starting to degrade, need to order additional replacement tarps to cover equipment and bins. | Ordered replacement tarps - completed 10/27/12 |
| Clayton Maintenance Yard | yard includes general housekeeping, vehicle/equipment washing; outdoor material storage; outdoor waste/recycling storage; municipal vehicle/equipment parking; employee parking | October 7, 2011 (FY 11-12) | 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. | 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 |

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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>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 |
|-----|----|
| X | |

Comments (optional):

C.3.e.v ► Special Projects Reporting

1. In FY 2018-19, 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 |
|-----|----|
| | X |

2. In FY 2018-19, 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 |
|-----|----|
| | X |

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.

See the Attached Table C.3.h.v.(2) for list of newly installed stormwater treatment systems.

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.

Because this project was just completed in June 2019 there have not been any O&M inspections as that would occur in FY 19-20 and be reported in next years annual report. For the regulated projects the City will conduct 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 (FY17-18) | 0 |
| 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 18-19) | 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 18-19) | 0 |
| Percentage of the total number of Regulated Projects (including offsite projects, and Regional Projects) inspected during the reporting period (FY 18-19) Note: The project was just completed June 30, 2019, therefore no annual O&M inspections will occur until FY 19-20 and reported at that time. Site inspections were conducted and verification of its operation as part of the inspections for the subdivision tract acceptance. | N/A% ³ |

³ Based on the number of Regulated Projects in the database or tabular format at the end of the previous fiscal year (FY 15-16), per MRP Provision C.3.h.ii.(6)(b).

**C.3.h.v.(3)(d)-(e) ► Installed Stormwater Treatment Systems
Operation and Maintenance Verification Inspection Program
Reporting**

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.

Summary:

The City does not have any regulated projects (those approved prior to December 1, 2011) 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.

See attached table C.3.

The City has 5 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.

Non reportable (non-regulated) private projects:

The City has five private projects approved prior to December 1, 2011 as “early projects” they include LID The early projects are:

- 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 .

- Pine Hollow Estates single family residential subdivision 8-lot.
- Diablo Pointe/Diablo Estates subdivision 24 lot single family residential; however this project was recently 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.
- 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 four future reportable (regulated) private projects:

- 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 2018-2019 and if approved construction not likely to begin until 2020 of thereafter.
- Oak Creek Canyon a 5 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 however has a legal challenge by the developer of the staff determination and a tolling agreement is in place to allow time to determine if it can be resolved.
This project will need to comply with the current C3 LID and submit appropriate O&M plans/documents as part of any remaining future discretionary approvals. Staff has met with the developer and outlined the issues and reference to the C3 7th Ed. The developer may not be able to provide on lot bio planters due to soil and slope conditions, and therefore may pursue modifying the previously planned siltation and detention basin to comply with C3 for all project runoff. The developer has filed a new tentative map which is currently incomplete however will be required to comply with C-3. Should the new application not be approved the tolling agreement stipulates that the prior map is granted which may not meet C-3.
- 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.

- Downtown Senior Apts. – is a preliminary project that will be an infill 81 unit two/three story project. To date the applicant has just submitted preliminary application permits and plans. Discretionary entitlement processing is not likely to occur until 2018-2019 and if approved construction not likely to begin until 2020 of thereafter.

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.

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 or city contracted inspector at all pre regulated projects to ensure compliance with O&M plans. All projects are inspected typically prior to the rainy season. Findings in FY 18-19 indicated minor maintenance items to facilities, which were readily corrected by the operator (trimming of vegetation, cleaning siltation, etc.).

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:

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. Findings in FY 18-19 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, the City always has contracted directly with a 3rd party inspection which are done annually. To date no maintenance or operational issues have been identified.

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).(b) ► Green Infrastructure Plan

(For FY 2018-19 Annual Report only) Did your agency complete a Green Infrastructure Plan?

The plan can be accessed at this link :

<https://www.cccleanwater.org/green-infrastructure-plans>

If No, provide schedule for completion:

| | | |
|---|---|----|
| X | Yes, see attached Green Infrastructure Plan | No |
|---|---|----|

C.3.j.i.(5).(c) ► Legal Mechanisms

(For FY 2018-19 Annual Report only) Does your agency have legal mechanisms in place to ensure implementation of the Green Infrastructure Plan?

If Yes, describe the legal mechanisms in place and the documents attached.

The Municipal Code requires compliance with the NPDES Municipal Stormwater Permit as amended. This includes any aspects of the MRP as reissued. The policies and commitments required for implementation of Green Infrastructure are included in the City of Clayton Green Infrastructure Plan. Attached is the GI Plan Design Policy Implementation Memo from the Interim City Manager as authorized by City of Clayton Municipal Code Section 13.12.020.

If No, provide schedule for completion:

| | | |
|---|---------------------------------|----|
| X | Yes, see attached documentation | No |
|---|---------------------------------|----|

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

FY 2018-2019 Annual Report

C.3 – New Development and Redevelopment

Permittee Name: City of Clayton

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 in 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.

The City of Clayton provided outreach to City Council 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 April staff reports for approval of the Stormwater Utility Area fee included information regarding MRP 2.0 including Green Infrastructure.

The City Budget presented on May 21 and June 4, 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. 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.

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.

Please refer to the Contra Costa Clean Water Program's FY 18-19 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 uses the BASMAA May 6, 2016 document, “Guidance for Identifying Green Infrastructure Potential in Municipal Capital Improvement Projects” to review its CIP program for Green Infrastructure opportunities, which was included in FY 16-17 Annual Report submittal City of Clayton Green Infrastructure Plan Framework, and GI Plan. The CIP list was reviewed and no updates or changes were needed. Please refer to the BASMAA May 6, 2016 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 .

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.

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.

Please refer to CCCWP’s FY 18-19 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; and 2) a plan and schedule for new and ongoing efforts to participate in processes to promote green infrastructure.

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 waste load 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.

No special tracking tool has been developed pending the production of the tool by the Contra Costa Clean Water Program and BASMAA. The City of Clayton has no completed retrofit projects to report, either public or private. Once public project had been identified for implementation prior to 2030 however detailed funding, design and other aspects have yet to be determined.

Please refer to CCCWP's FY 18-19 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 | | | | | | | | | | | |
| None | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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| 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 |
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| Comments: | | | | | | | | | | | |

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 "NA".
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.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} |
|-----------------------------|---|---|---|---------------------------------------|---|---|---|--|--|---------------------------------|
| Private Projects | | | | | | | | | | |
| None | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
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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: property 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
 (public projects)**

| Project Name Project No. | 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 |
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| 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 by paying in-lieu fees 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.d.

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 unit(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) |
|-------------------------|---------------------|---|---------------------------------|
| Verna Way/White Diamond | 1 White Diamond Ln | HOA | LID Bio- planter |
| Verna Way/White Diamond | 2 White Diamond Ln | HOA | LID –Bio-planter |
| | | | |
| | | | |
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| | | | |

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 2017 - June 30, 2018

| 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 | City of Clayton | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

³⁷ Date 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.

³⁹ Type 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.

⁴¹ For 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.

⁴³ List 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.

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 wishlist | N/A | Project deleted by City Council in adopted CIP June 2017 |
| 10421 | Carlinet Creekside Trail Repair | Carlinet Creekside Trail Repair | partially funded | No | Project completed in Aug 2016 |
| 10337A | Keller House Rehabilitation | Keller House Rehabilitation | unfunded future wishlist | 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 wishlist | N/A | Project deleted by City Council in adopted CIP June 2017 |
| 10393 | Skateboard Park | Skateboard Park | unfunded future wishlist | N/A | Project deleted by City Council in adopted CIP June 2017 |
| 10419 | Community Park Lighting, etc. | Community Park Lighting, etc. | unfunded future wishlist | 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. | Designed and out to bid | 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 wishlist | 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 wishlist | N/A | Project eliminated by City Council in adopted CIP June 2017 |
| 10397 | Utility Undergrounding | Utility Undergrounding | unfunded future wishlist | 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 wishlist | 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 – New Development and Redevelopment

| | | | | | |
|---|--|---|---|-----|---|
| 10424 | 2015 Neighborhood Street Repaving within existing ROW | 2015 Neighborhood Street Repaving within existing ROW | project Completed | No | Repaving within existing ROW not below subgrade |
| 10425 | Collector Street Repaving within existing ROW | Collector Street Repaving within existing ROW | funded | No | Repaving within existing ROW not below subgrade |
| 10432 | 2016 Neighborhood Street Repaving within existing ROW | 2016 Neighborhood Street Repaving within existing ROW | Project Completed | No | Repaving within existing ROW not below subgrade |
| 10436 | 2018 Neighborhood Street Repaving within existing ROW | 2018 Neighborhood Street Repaving within existing ROW | funded | No | Repaving within existing ROW not below subgrade |
| 10437 | 2016 Arterial Street Repaving | Repaving within existing ROW | Project Completed | No | Repaving within existing ROW not below subgrade |
| LMD | Subdivision Median entry re-landscape various neighborhood entry areas | Subdivision Median entry re-landscape | funded | No | Re-landscape existing areas (no removal of existing curb) |
| 10439 | El Portal Drive | Repaving within existing ROW | Funded out to bid in early 2018 | No | Repaving within existing ROW not below subgrade |
| 10440 | Clayton Community Park | Field #1 turf renovation | Funded planned for spring 2018 | 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 | Bid completed installation to be done by May/June 2017 | 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 |
| | | | | | |
| | | | | | |

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 |
|---|---|---|--|
| Pine Hollow Road | Possible right of way upgrades pedestrian connections | Planning/design in FY 2019-2027; est. construction in FY 2030 | 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 inspection list for the Fiscal year, 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, Municipal Operations Committee and the in the BASMAA Municipal Operations Committee.

Refer to the C.4. Industrial and Commercial Site Controls section of the CCCWP’s FY 18-19 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 |
| Valley Cleaners | 5425 Clayton Road | Clayton | Dry Cleaner |

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C.4 – Industrial and Commercial Site Controls

| | | | |
|--------------------------------------|--------------------------|---------|------------------|
| City of Clayton Maintenance Facility | 5901 Heritage Trail | Clayton | Fleet Operations |
| US Post Office | 6150 Center Street | Clayton | Fleet Operations |
| Canesa's Brooklyn Heros | 6026 Main Street | Clayton | Food Service |
| Carl's Jr Restaurant | 1530 Kirker Pass Road | Clayton | Food Service |
| 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 |
| 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 |

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C.4 – Industrial and Commercial Site Controls

| | | | |
|---|-----------------------|---------|---------------|
| 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 as one enforcement action. | |
| <input type="checkbox"/> | Permittee reports the total number of discrete potential and actual discharges on each site. | Number |
| Total number of inspections conducted (C.4.d.iii.(2)(a)) | | 8 |
| 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)) | | 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 18-19 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.

**FY 2018-2019 Annual Report
Permittee Name: City of Clayton**

C.4 – Industrial and Commercial Site Controls

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 |
|--|-----------------------|---|--|--|---|---|
| Commercial/Industrial Stormwater Inspection Training Workshop (Contra Costa County) | 5/16/19 | <ul style="list-style-type: none"> Using Your SMARTS: Overview of the Stormwater Multiple Application and Reporting System Hazardous Materials and Adapting to Rising Tides Administrative Inspection Warrants Regulatory Overview: Identifying and Reporting Non-Compliance How Stormwater Impacts Creek Health | 8 | 89 | | |
| CWEA – Annual Pretreatment, Pollution Prevention and Stormwater Conference (Seaside, CA) | 2/11-2/13 2019 | Stormwater Program General Inspector Skills | 2 | 22 | | |
| CWEA Pretreatment 10010 (Oakland, CA) | 1/18/2019 | Inspection Skills Enforcement | 1 | 11 | | |
| 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 17-18 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 17-18:

The City of Clayton Emergency & Environmental Management Phone Number Response List and Spill Response Procedures are reviewed annually; no changes were needed in FY 18-19.

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)) | 0 |
| 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)) | N/A |

Comments:

The City of Clayton illicit discharge complaint and response program is implemented as follows: public calls and staff encounters or emails are dependent on the nature of the call, referred to the Maintenance Division or CCCSD 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 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 (i.e.: 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 were not any calls received or emails received regarding any potential discharges or discharges.

| |
|--|
| C.5.e.iii.(2) ► Control of Mobile Sources |
| (a) Provide changes to your agency's minimum standards and BMPs for each of the various types of mobile businesses since the 2017 Annual Report (C.5.e.iii.(2)(a)) |
| No Changes. |
| (b) Provide changes to your agency's enforcement strategy for mobile businesses (C.5.e.iii.(2)(b)) |
| No Changes. |
| (c) Provide minimum standards and BMPs developed for additional types of mobile businesses addressed since 2017 Annual Report (C.5.e.iii.(2)(c)) |
| No additional types of mobile businesses. |
| (d) Provide a list and summary of the specific outreach events and education conducted to each type of mobile business operating within your jurisdiction during the Permit term (C.5.e.iii.(2)(d)): |
| Please refer to CCCWP's FY 2018-19 Annual Report for subsections (a) – (d) and (f). |
| (e) Discuss inspections conducted at mobile businesses and/or job sites (C.5.e.iii.(2)(e)) |
| There are not any mobile businesses or job sites in the City of Clayton. If the staff was to identify a mobile source business (i.e.: carpet cleaners) we would provide informational materials regarding proper practices of preventing discharges to the storm drain system. We would observe how they conduct their operation to ensure that they are not discharging to the storm drain and use the sewer clean out or back haul fluids for proper disposal at their place of businesses. |
| (f) List below or attach the list of mobile businesses operating within your agency's jurisdiction (C.5.e.iii.(2)(f)) |
| No mobile cleaners are listed in the city's business license data base. |
| (g) Discuss enforcement actions taken against mobile businesses during the Permit term (C.5.e.iii.(2)(g)) |
| No incidents were observed or reported requiring city action. |

| |
|--|
| C.5.f.iii ► MS4 Map Availability |
| Discuss how you make your MS4 map available to the public and how you publicize the availability of the MS4 map. |
| Map is available for public at city hall, and staff can also email a pdf (or portions of it) to public on request. The city web site publicizes this under the Stormwater subsection. |

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) |
| # 1 (Southbrook/St James) | # 1 (Southbrook/St James) | # 1 (Verna Way) | # 1 (Verna Way) |
| <p>Comments:</p> <p>For the Southbrook/St. James project the City conducted a total of 10 site inspections from July 1, 2018- June 30, 2019. No issues were identified during the inspections. Only one time was a verbal warning given that to the contractor that straw waddles needed to be replaced and new tarp needed to be securely cover dirt stockpile. The contractor corrected these two items within a day, and no further action was needed.</p> <p>For the Verna Way project the City conducted 10 inspections from July 1, 2018 through June 31, 2019. No issues were identified during the inspections.</p> <p>The City of Clayton issued 37 small project stormwater permits for small projects, covering 37 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 37 small projects, the City conducted 74 additional stormwater quality inspections that were not included within the above categories during FY 18-19. 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.</p> | | | |

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 | 1 |
| 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 | | 1 |

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 |
| | 1 |

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)

Comments: The one verbal warning noted above was taken care of within 10 business days.

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

⁵² For 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:

There have not been any weaknesses identified. There has only been two small active construction site over the last six years or too little activity to make evaluation, and two that started in FY 17-18 and were completed in FY 18-19 which have not had any significant or ongoing issues. 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 City Engineer, Planning Director and Stormwater Manager trained on MRP 2.0 through the program training. The City Engineer, and City Stormwater Program Manager (Asst to the City Manager) completed the QSD/QSP training. The 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 and the City Engineer are 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 outreach and provided information 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 City Engineer actively participated in the CCCWP's Development Committee and monitored the activity of the BASMAA Development Committee. The City Engineer had previously (4 years ago) replaced the prior inspection forms with the example forms available through the Clean Water Program. The City Inspector also participated in local training workshops/seminars on storm water inspection procedures.

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 18-19 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. Inspection forms are regularly reviewed and no changes were needed or made during FY 18-19.

Refer to the C.6 Construction Site Control section of countywide program's FY 18-19 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 |
|--|----------------|----------------|---------------------------------|
| N/A: No Training was required for FY 18-19 | N/A | N/A | N/A |

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Permittee Name: City of Clayton

C.7 – Public Information and Outreach

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:

The City of Clayton monitored and received updates during FY 2018-19 from the countywide program's CCCWP's Public Information and Participation Committee and BASMAA's Public Information and Participation Committee Guidance.

Refer to Section 7 in the CCCWP's FY 18-19 Annual Report for a summary of activities related to planning and development of an Outreach Campaign.

C.7.c. Stormwater Pollution Prevention Education

No Change.

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C.7 – Public Information and Outreach

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>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 12 events, 5 through the Program: Watershed Stewardship Grant Program; Bringing Back the Natives Gardens Tour; Our Water our World; Program website CCCleanwater.org Community Calendar; Volunteer Field Monitoring Equipment Maintenance Support; Community Clean Up Event - Sagent Marketing. Each of these activities/programs is described in full, including an evaluation of effectiveness, in the CCCWP Annual Report. The 7 City activities: City maintains its own City Event Calendar on its own website (cityofclayton.org); the City helped facilitate the local annual Clayton Cleans Up, information booth at Art and Wine and Oktoberfest, and local Garden Club native plant sale and Garden tour.</p> | | |
| <p>May 2019 Bringing Back the Natives Gardens Tours</p> | <p>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the description of this event.</p> | <p>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.</p> |
| <p>Our Water Our World (Tabling/Outreach Events at Stores)</p> | <p>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the description of this event.</p> | <p>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.</p> |
| <p>Program website CCCleanwater.org Community Calendar</p> | <p>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the description of this event.</p> | <p>See the FY 2018-19 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>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the description of this event.</p> | <p>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.</p> |

**FY 2018-2019 Annual Report
Permittee Name: City of Clayton**

C.7 – Public Information and Outreach

| | | |
|--|--|---|
| <p>Community Clean Up Event - Sagent Marketing</p> | <p>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the description of this event.</p> | <p>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this event.</p> |
| <p>Local (Oktoberfest Oct. 6 & 7, 2018) Booth with pollution prevention information; less toxics and Mr. Funnelhead (Downtown Clayton)</p> | <p>This is a two day weekend of vendor booths and music. The City staff helps facilitate the placement of two booths one from the Household Hazardous Waste/Central Sanitary District/Mr. Funnelhead and the other Contra Costa Water District. Both these booths provide their own staffing with information and education on watershed awareness, proper disposal/recycling of materials, general stormwater awareness, Enviroscap landscaping using native plants, minimizing pesticide and fertilizer use, water conservation, mulching and composting, etc. Attendees were encouraged to take the materials. Mr. Funnelhead also attends, a dressed up mascot that interacts with the children, the message is only rain down the drain, general stormwater awareness and less toxic gardening practices.</p> | <p>Estimated attendance over the two day weekend is 10,000 it included parents and children. It is likely that some of the adults are local teachers live in area. Due to budget cuts city staff can no longer attend this event, and is done solely by the other agencies and their staff. The number of attendees has varied over the years as it is dependent on weather (better weather has better turn out)</p> |
| <p>Clayton Cleans Up , Local (April 20, 2019 - City Hall Courtyard)</p> | <p>This is a three hour Saturday morning Community Clean Up event along city trails, creeksides, and sidewalk/landscape areas. There were tables with information and education was provided where residents were encouraged to take the materials. Mr. Funnelhead also attends, a dressed up mascot that interacts with the children, the message is only rain down the drain, general stormwater awareness and less toxic gardening practices.</p> | <p>Estimated attendance was 110 it included parents and children. Due to budget cuts city staff can no longer attend this event, and is done solely by volunteers there is not any information on the amount of materials distributed. The number of attendees has varied over the years as it is dependent on weather (better weather has better turn out) as well as competing local youth sports activities. It is estimated that 15 cubic yards of trash (mostly on land) was collected at this one day activity.</p> |
| <p>Art and Wine, Local Booth with pollution prevention information; less toxics and Mr. Funnelhead</p> | <p>This is a two day weekend of vendor booths and music. The City staff helps facilitate the placement of two booths one from the Household Hazardous Waste/Central</p> | <p>Estimated attendance over the two day weekend is 10,000 it included parents and children. It is likely that some of the adults are local teachers live in area. Due to budget cuts</p> |

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| | | |
|---|---|---|
| <p>(April 27 & 28, 2019- Downtown Clayton)</p> | <p>Sanitary District/Mr. Funnelhead and the other Contra Costa Water District. Both these booths provide their own staffing with information and education on watershed awareness, proper disposal/recycling of materials, general stormwater awareness, Enviroescape landscaping using native plants, minimizing pesticide and fertilizer use, water conservation, mulching and composting, etc. Attendees were encouraged to take the materials. Mr. Funnelhead also attends, a dressed up mascot that interacts with the children, the message is only rain down the drain, general stormwater awareness and less toxic gardening practices.</p> | <p>city staff can no longer attend this event, and is done solely by the other agencies and their staff. The number of attendees has varied over the years as it is dependent on weather (better weather has better turn out)</p> |
| <p>Clayton Garden Tour – drought tolerant and less toxic gardens and organic gardens with literature materials May 3 & 4, 2019</p> | <p>Two day event with 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)</p> | <p>Estimated attendance was about 200 residents.</p> |
| <p>Annual Garden Club Plant Sale May 11, 2019</p> | <p>One day 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.</p> | <p>Estimated attendance was about 300 residents.</p> |
| <p>City event calendar www. cityofclayton.org</p> | <p>City maintains its own City event calendar which included the listing of various community events such as the Clayton Cleans Up, Creekside Arts Festival; Oktoberfest and Art and Wine. The City website also has links to our haulers web site and the Clean Water Program web site.</p> | <p>We do not have the capability to track and find out the number of visits to the various web sites.</p> |

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>Refer to the CCCWP's FY 18-19 Annual Report, Section 7, Public Information and Outreach for a full description of the efforts and an evaluation of their effectiveness.</p> <p>The City is required to participate in or contribute to a minimum of 1 effort. During FY 18-19 the City participated/supported in apx. 6 efforts. Five through the Program : 1) Community Clean Up Event; 2)Bringing Back the Natives Garden Tours; 3) the Contra Costa Watershed Forum; 4) the Green Business Program; Website: 5) CCleanWater.org Community Calendar; and one was participatory by the City - 6) Sustainable Contra Costa.</p> |
|--|

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>Refer to the C.7 Section of the countywide program's FY 18-19 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level</p> <p>The City of Clayton is to participate or support a minimum of 1 effort.</p> | | | |

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| | | | |
|---|---|---|---|
| <p>In FY 18-19 the City supported 5 such efforts: 2 via the CCCWP: 1)Mr. Funnelhead school, city/county events and tv ads; 2) Communication or meetings with high school principal – Sagent Marketing.</p> <p>In addition the City facilitated 3 other efforts: 1) Mr. Funnelhead appearance at Oktoberfest, 2) Clayton Cleans Up; 3)Art and Wine Festival.</p> | | | |
| <p>Mr. Funnelhead, Countywide</p> | <p>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the description of this event.</p> | <p>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the number of students/teachers reached from this program.</p> | <p>See the FY 2018-19 Group Program Annual Report, Section C.7, for further details regarding the effectiveness of this outreach program.</p> |
| <p>Mr. Funnelhead – Local (Oktoberfest – Oct. 6 & 7, 2018 Downtown Clayton)</p> | <p>This is a two day weekend of vendor booths and music. The City staff helps facilitate the placement of two booths one from the Household Hazardous Waste/Central Sanitary District/Mr. Funnelhead and the other Contra Costa Water District. Both these booths provide their own staffing with information and education on watershed awareness, proper disposal/recycling of materials, general stormwater awareness, Enviroscap landscaping using native</p> | <p>Estimated attendance over the two day weekend is 10,000 if included parents and children. It is likely that some of the adults are local teachers live in area. Due to budget cuts city staff can no longer attend this event, and is done</p> | |

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| | | | |
|--|--|---|--|
| <p>Clayton Cleans Up , Local (April 20, 2019- City Hall Courtyard)</p> | <p>plants, minimizing pesticide and fertilizer use, water conservation, mulching and composting, etc Attendees were encouraged to take the materials. Mr. Funnelhead also attends, a dressed up mascot that interacts with the children, the message is only rain down the drain, general stormwater awareness and less toxic gardening practices</p> | <p>solely by the other agencies and their staff. The number of attendees has varied over the years as it is dependent on weather (better weather has better turn out)</p> | |
| | <p>This is a three hour Saturday morning Community Clean Up event along city trails, creeksides, and sidewalk/landscape areas. There were tables with information and education was provided where residents were encouraged to take the materials. Mr. Funnelhead also attends, a dressed up mascot that interacts with the children, the message is only rain down the drain, general stormwater awareness and less toxic gardening practices.</p> | <p>Estimated attendance was 110 it included parents and children. Due to budget cuts city staff can no longer attend this event, and is done solely by volunteers there is not any information on the amount of materials distributed. The number of attendees has varied over the years as it is dependent on weather (better weather has better turn out) as well as competing local youth sports activities. It is estimated that 15 cubic yards of trash (mostly on land) was collected at this one day activity.</p> | |

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| | | | |
|--|---|--|--|
| <p>Art and Wine, Local Booth with pollution prevention information; less toxics and Mr. Funnelhead (April 27 & 28, 2019- Downtown Clayton)</p> | <p>This is a two day weekend of vendor booths and music. The City staff helps facilitate the placement of two booths one from the Household Hazardous Waste/Central Sanitary District/Mr. Funnelhead and the other Contra Costa Water District. Both these booths provide their own staffing with information and education on watershed awareness, proper disposal/recycling of materials, general stormwater awareness, EnviroSCOPE landscaping using native plants, minimizing pesticide and fertilizer use, water conservation, mulching and composting, etc. Attendees were encouraged to take the materials. Mr. Funnelhead also attends, a dressed up mascot that interacts with the children, the message is only rain down the drain, general stormwater awareness and less toxic gardening practices.</p> | <p>Estimated attendance over the two day weekend is 10,000 it included parents and children. It is likely that some of the adults are local teachers live in area. Due to budget cuts city staff can no longer attend this event, and is done solely by the other agencies and their staff. The number of attendees has varied over the years as it is dependent on weather (better weather has better turn out)</p> | |
|--|---|--|--|

Section 9 – Provision C.9 Pesticides Toxicity Controls

| C.9.a. ► Implement IPM Policy or Ordinance | | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
|---|--|-------------------------------------|--------------------------|--------------------------|--------------------------|-----------------|-----------------|
| Is your municipality implementing its IPM Policy/Ordinance and Standard Operating Procedures? | | X | Yes | | No | | |
| If no, explain: | | | | | | | |
| <p>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, diuron, and diamides. A separate report can be attached as evidence of your implementation.</p> <p>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.</p> <p>No applications were done in a manner that could potentially impact water quality.</p> | | | | | | | |
| Trends in Quantities and Types of Pesticide Active Ingredients Used⁵³ | | | | | | | |
| | | Amount⁵⁴ | | | | | |
| Pesticide Category and Specific Pesticide Active Ingredient Used | | FY 15-16 | FY 16-17 | FY 17-18 | FY 18-19 | FY 19-20 | FY 20-21 |
| Organophosphates | | 0 | 0 | 0 | 0 | | |
| Active Ingredient Chlorpyrifos | | 0 | 0 | 0 | 0 | | |
| Active Ingredient Diazinon | | 0 | 0 | 0 | 0 | | |
| Active Ingredient Malathion | | 0 | 0 | 0 | 0 | | |
| Pyrethroids (see footnote #57 for list of active ingredients) | | 0 | 0 | 0 | 0 | | |
| Active Ingredient Type X | | 0 | 0 | 0 | 0 | | |
| Active Ingredient Type Y | | 0 | 0 | 0 | 0 | | |
| Carbamates | | 0 | 0 | 0 | 0 | | |
| Active Ingredient Carbaryl | | 0 | 0 | 0 | 0 | | |
| Active Ingredient Aldicarb | | 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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| | | | | | |
|--|------------------------------------|----------|----------|----------|----------|
| Fipronil | 0 | 0 | 0 | 0 | 0 |
| Indoxacarb | Reporting not required in FY 15-16 | 0 | 0 | 0 | 0 |
| Diuron | Reporting not required in FY 15-16 | 0 | 0 | 0 | 0 |
| Diamides | Reporting not required in FY 15-16 | 0 | 0 | 0 | 0 |
| Active Ingredient Chlorantraniliprole | | 0 | 0 | 0 | 0 |
| Active Ingredient Cyantraniliprole | | 0 | 0 | 0 | 0 |

IPM Tactics and Strategies Used:

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.

The City limits its use to herbicides to round up and pre-emergent for spot spraying in landscape areas during the dry weather.

Western Exterminators uses only small quantities of Thyme Oil, Rosemary Oil, 2-Phenethyl Propionate; and does not use organophosphates (chlorpyrifos, diazinon, or malathion), pyrethroids (metofluthrin, Bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, enfenvalerate, lambda-cyhalothrin, or permethrin) carbamates (carbaryl or aidicarb), fipronil, indoxacarb, diuron, or diamides (chlorantraniliprole, cyantraniliprole) . Any work is done inside of building areas where it does not come into contact with water or it 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.

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. | 3 |
| Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within this reporting year. | 3 |
| 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% |

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C.9 – Pesticides Toxicity Controls

Type of Training:
 The City Maintenance Department is typically staffed with 6 full time personnel. However during a majority of the time FY 18-19, there was only 3 full time personnel available due to major illnesses and 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 December 2018 and one December 2019 and 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. In addition all Maintenance staff have periodic tailgate training that is done by the Maintenance Supervisor.

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. They follow the City IPM Policy and city staff regularly meets with the technician and reviews and observes the products being used, reviewing 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.

C.9.d ▶ Interface with County Agricultural Commissioners

| | | |
|---|-----|----|
| 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, | Yes | No |
| | X | No |

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If yes, summarize the communication. If no, explain.
General communication occurs as needed between Maintenance Supervisor and County Agricultural Commissioner especially in regard to certifications (PAPA). Please refer to the Countywide Program's Annual Report for a summary of any CCCWP's communication with Contra Costa County Agricultural Commissioner.

| | Yes | No |
|--|-----|----|
| 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. | | X |

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.

C.9.e.ii (1) ► Public Outreach: Point of Purchase

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.

Summary:
See the C.9 Pesticides Toxicity Control section of Countywide Program's FY 18-19 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

C.9.e.ii (2) ► Public Outreach: Pest Control Contracting Outreach

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.

Summary:
See the C.9 Pesticides Toxicity Control section of Countywide Program's FY 18-19 Annual Report for information on point of purchase public outreach conducted countywide and regionally.

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 18-19 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.

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C.9 – Pesticides Toxicity Controls

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 18-19, we participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Report submitted by BASMAA on behalf of all MRP Permittees.

C.9.g. ▶ Evaluate Implementation of Pesticide Source Control Actions

(For FY 18-19 Annual Report only) Submit an evaluation that assesses; 1) the effectiveness of IPM efforts required in Provisions C.9.a-e and g, 2) a discussion of any improvements made in the past five years; 3) any changes in water quality regarding pesticide toxicity in urban creeks; and 4) a brief description of one or more pesticide-related area(s) the Permittee will focus on enhancing during the subsequent permit term.

Summary:

See Section C.9 Pesticides Toxicity Control of CCCWP's FY 18-19 Annual Report for an evaluation of the effectiveness of source control measures implemented, and changes in water quality regarding pesticide toxicity in urban creeks.

Additionally, refer to Section C.9 Pesticides Toxicity Control of the CCCWP's FY 18-19 Annual Report) on improvements made to IPM Program in the past five years (FY 14 –15 to FY 18-19) and pesticide related actions to enhance during the next permit term.

Additionally, if applicable, note any improvements your municipality has made with respect to:

- Any improvements made to your agency's IPM Program in the past five years (FY 14 –15 to FY 18-19).
 - The City Maintenance Supervisor and Stormwater Program Manager annually review the City IPM Program Policy to determine if there are any changes needed. We have not made any changes to the City of Clayton's IPM Program
- One or more pesticide-related area(s) that your agency will focus on enhancing during the next permit term.
 - The City of Clayton will be re-evaluating its limited use of Round-Up, to determine if its use should be further limited during the next permit term.

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) ¹ | 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 2018-19

99.5%

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 SFRWGCB.

⁵⁵ See Appendix 10-1 for changes between 2009 and FY 17-18 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: 8Total number and types of full capture systems (publicly and privately-owned) installed prior to FY 18-19, during FY 18-19, 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. | | |
| Type of System | # of Systems | Areas Treated (Acres) |
| 1) 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. | | |
| Installed in FY 18-19 | | |
| 0 | | 25 |
| Installed Prior to FY 18-19 | | |
| 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 | |
| | N/A | N/A |
| Total for all Systems Installed To-date | 30 | 195 |
| Treatment Acreage Required by Permit (Population-based Permittees) | | |
| 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 18-19 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 18-19 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 18-19 | Summary |
|--------------|---------------------------------|---------------------------------|--|---|
| 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 trash capture system maintenance and operation program is currently being implemented to maintain all applicable systems in a 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 2 | Annual Clayton Clean up community wide clean up Earth Day event – prior to 2009 and ongoing |
| 3 | Annual Clayton Clean up community wide clean up Earth Day event – prior to 2009 and ongoing |
| 4 | Annual Clayton Clean up community wide clean up Earth Day event – prior to 2009 and ongoing |

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 18-19 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.

City of Clayton did not perform visual assessments for Trash Reduction Credit in 2018-19 as we are already at 99.5% reduction.

| TMA ID <i>or (as applicable) Control Measure Area</i> | Total Street Miles ⁵⁶ or Acres Available for Assessment | Street Miles or Acres Assessed | Summary of On-land Visual Assessments | | Jurisdictional-wide Reduction (%) |
|--|--|-----------------------------------|---|---|--------------------------------------|
| | | | % 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 | | | | | |

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, assessments are not required.

If no on-land visual assessments were performed, check here

X

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

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 | Summary Description & 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 business 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. | Although Clayton never had much plastic bag litter issues, during our annual inspections of DI and Creeks we have noticed fewer plastic bags as part of the litter stream. We have also noticed fewer plastic bags being windblown onto school district field fencing | 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.b.v ▶ Trash Reduction – Receiving Water Monitoring

Report on the progress of developing and testing your agency's trash receiving water monitoring program.

Development and testing of the trash receiving water monitoring program is occurring through a regional project coordinated through the Bay Area Stormwater Management Agencies Association (BASMAA) and in coordination with the Trash Monitoring Methods Project, California Ocean Protection Council and State Water Board project that is being administered via the Southern California Coastal Water Research Project (SCCWRP) and San Francisco Bay Estuary Institute (SFEI). Consistent with MRP requirements, a preliminary report describing data results and findings to-date was submitted to the Water Board via BASMAA on July 1, 2019 on behalf of all Permittees. The final report for the development and testing of the Bay Area trash receiving water monitoring program will be submitted by BASMAA by July 1, 2020, consistent with the MRP requirements, following peer review.

C.10.c ▶ Trash Hot Spot Cleanups

Provide the FY 18-19 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 18-19.

| Trash Hot Spot | New Site in FY 18-19 (Y/N) | FY 18-19 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 | |
| Clayton Station (behind Safeway Mt. Diablo Creek Segment) | N | August 14, 2018 | .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) | |
| | | | | | | | | | | |
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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 |
|--|----------------|
| This is not a new revision as this change was reported in last year 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 is not considered significant but is being reported as to be 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 last year FY 17-18 report. | 3 |
| | |
| | |
| | |
| | |

FY 2018-2019 Annual Report
Permittee Name: City of Clayton

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 17-18. 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 18-19 | Offset (% Jurisdiction-wide Reduction) |
|---|---|---|--|
| Additional Creek and Shoreline Cleanups (Max 10% Offset) | <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. This FY it was 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>15 cubic yards</p> | <p>None claimed</p> |
| Direct Trash Discharge Controls (Max 15% Offset) | <p>N/A</p> | | |

Appendix 10-1. Baseline trash generation and areas addressed by full capture systems and other control measures in Fiscal Year 17-18.

| TMA | 2009 Baseline Trash Generation (Acres) | | | | Trash Generation (Acres) in FY 18-19 After Accounting for Full Capture Systems | | | | Trash Generation (Acres) in FY 18-19 After Accounting for Full Capture Systems and Other Control Measures | | | | Jurisdiction-wide Reduction via Full Capture Systems (%) | 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 | L | M | H | VH | Total | | | |
| 1 | 31 | 13 | 0 | 0 | 44 | 44 | 0 | 0 | 0 | 44 | 44 | 0 | 0 | 0 | 44 | 44 | 0 | 0 | 0 | 44 | 33.7 | 0.0 | 33.7 |
| 2 | 15 | 0 | 0 | 0 | 15 | 15 | 0 | 0 | 0 | 15 | 15 | 0 | 0 | 0 | 15 | 15 | 0 | 0 | 0 | 15 | 0.0 | 0.0 | 0.0 |
| 3 | 2 | 25 | 0 | 0 | 27 | 27 | 0 | 0 | 0 | 27 | 27 | 0 | 0 | 0 | 27 | 27 | 0 | 0 | 0 | 27 | 65.8 | 0.0 | 65.8 |
| 4 | 2354 | 0 | 0 | 0 | 2354 | 2354 | 0 | 0 | 0 | 2354 | 2354 | 0 | 0 | 0 | 2354 | 2354 | 0 | 0 | 0 | 2354 | 0.0 | 0.0 | 0.0 |
| Totals | 2401 | 39 | 0 | 0 | 2439 | 2439 | 0 | 0 | 0 | 2439 | 2439 | 0 | 0 | 0 | 2439 | 2439 | 0 | 0 | 0 | 2439 | 99.5 | 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 generation 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

See the Countywide Program's FY 2018-19 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.c ▶ Plan and Implement Green Infrastructure to Reduce Mercury Loads

See the Countywide Program's FY 2018-19 Annual Report for, as part of reporting for C.11.b.iii(2), an estimate of the amount of mercury load reductions resulting from green infrastructure implementation during the term of the Permit, including all data used and a full description of models and model inputs relied on to generate the estimate.

C.11.e ▶ Implement a Risk Reduction Program

A summary of Program and regional accomplishments for this sub-provision are included in the Countywide Program's FY 2018-19 Annual Report.

⁵⁷BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.1. Prepared for 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

See the Countywide Program's FY 2019-19 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.
- Any alternative method submitted (different from the default population-based method) and supporting information to derive Permittee-specific shares of load reduction value associated with implementation of Provision C.12.f. (Manage PCB-Containing Materials and Wastes during Building Demolition Activities).
-

C.12.c ► Plan and Implement Green Infrastructure to Reduce PCBs Loads

See the Countywide Program's FY 2018-19 Annual Report for, as part of reporting for C.12.b.iii(2), an estimate of the amount of PCBs load reductions resulting from green infrastructure implementation during the term of the Permit, including all data used and a full description of models and model inputs relied on to generate the estimate.

⁵⁸BASMAA 2017. Interim Accounting Methodology for TMDL Loads Reduced, Version 1.1. Prepared for BASMAA by Geosyntec Consultants and EOA, Inc., March 23, 2017.

C.12.f ► Manage PCB-Containing Materials and Wastes During Building Demolition Activities So That PCBs Do Not Enter Municipal Storm Drains

A summary of Countywide Program and regional accomplishments for this sub-provision is included in the C.12 PCBs Controls section of Countywide Program's FY 2017-18 Annual Report.

Does your agency plan to seek exemption from this requirement?

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

On June 13, 2018 the City received its written approval for this exemption from the SFRWQCB. Therefor the below table does not apply to City to the City of Clayton.

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

On July 1, 2019, was your agency ready to implement a method for identifying applicable structures (buildings built or remodeled between 1950 and 1980, except that single family residential and wood-framed buildings are exempt) that apply for a demolition permit?

| | | |
|-----|-----|----|
| N/A | Yes | No |
| N/A | Yes | No |
| N/A | Yes | No |

On July 1, 2019, was your agency ready to implement a method to manage PCBs during demolition of applicable structures?

Does your agency have a data-gathering method in place to inform reporting on the effectiveness of your agency's program to manage PCBs during demolition of applicable structures (e.g., the number of applicable structures, and the amount and concentration of PCBs in priority building materials in applicable structures)?

C.12.h ► Implement a Risk Reduction Program

A summary of Countywide Program and regional accomplishments for this sub-provision are included in the Countywide Program's FY 2018-19 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 18-19 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.centraisn.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 18-19 under Provision C-4 Industrial and Commercial Business Inspection program that are potential users or sources of copper. There was one business inspected on August 25, 2015 (R&M Pool and Spa Garden Center) and no issues were identified in the inspection by our POTW – Central Sans. 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 were provided at the Clayton Cleans Up event and the Creekside Arts Festival. The Contra Costa Water District also staffed information booth and provided outreach materials on water restrictions, conservation, proper plan selection, less toxic pest control and landscape management and drought tolerant and native vegetation. The local garden club also provided information on drought tolerant and native vegetation at one of the farmers market and at 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) hosts 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

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Permittee Name: City of Clayton

C.15 – Exempted and Conditionally Exempted Discharges

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 2018-19 Annual Report.

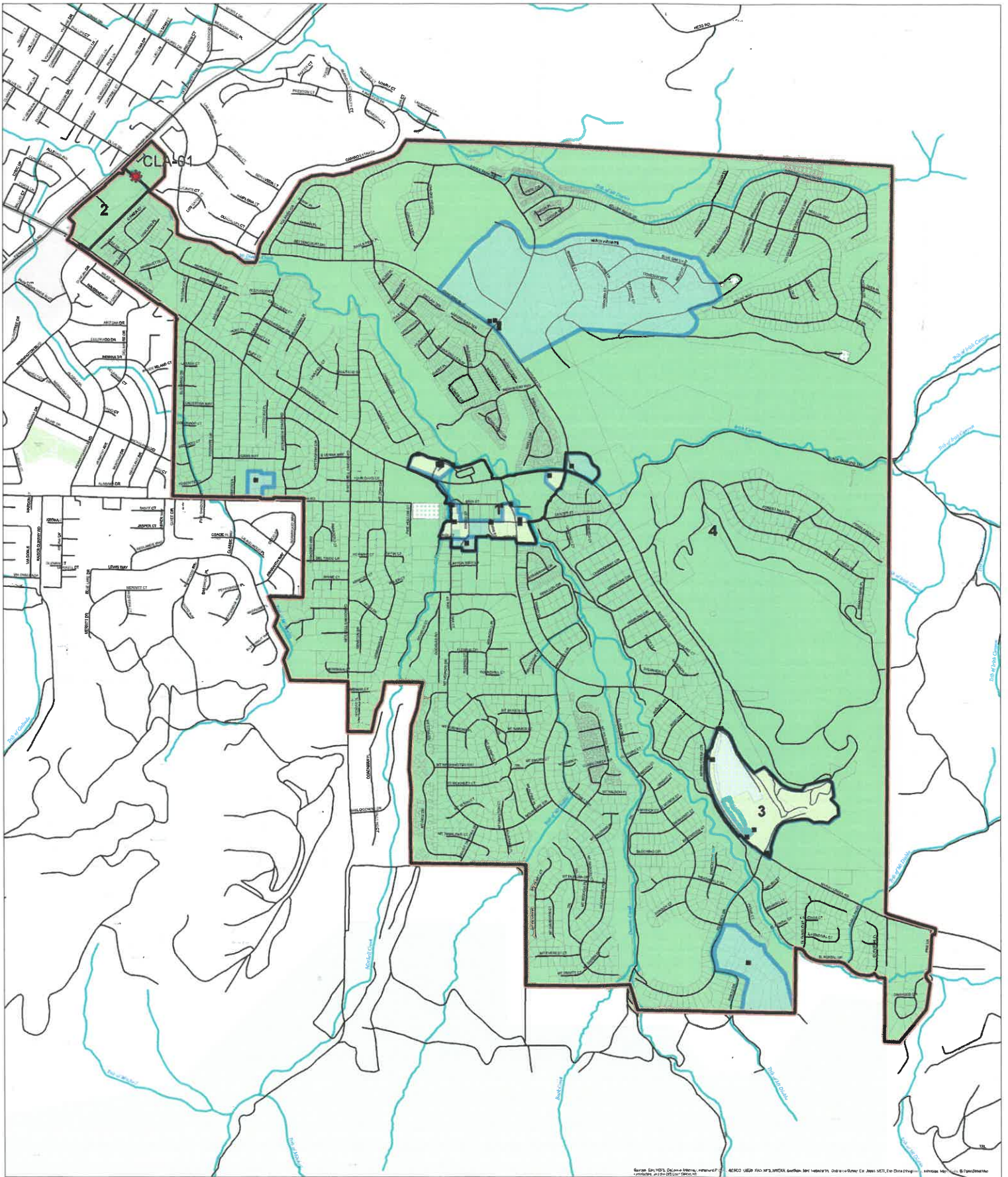
**Clean Water Inspections
Fiscal Year 2019-20**

**Annual Report
7/1/2018-6/30/2019**

| Type | Facility Name | Address | STW City | Inspector | Date | Inspection Type | Billing Type | Enforcement? |
|-----------------|---------------------------|------------------------|----------|------------|-----------|-----------------|--------------|--------------|
| Assisted Living | Diamond Terrace | 6401 Center Street | Clayton | J. Olympia | 10/2/2018 | Reinspected | Add-on | None |
| Bar Only | Clayton Club Saloon | 6086 Main Street | Clayton | J. Olympia | 1/24/2019 | Reinspected | Add-on | None |
| Child Day Care | Kindercare | 6095 Main Street | Clayton | J. Olympia | 10/2/2018 | Reinspected | Add-on | None |
| Food Service | Casa Gourmet Burrrito | 5435 Clayton Road F | Clayton | J. Olympia | 8/1/2018 | Closed | Add-on | None |
| Food Service | Center Street Deli & Café | 6101 Center Street | Clayton | J. Olympia | 1/30/2019 | Reinspected | Add-on | None |
| Food Service | Coldstone Creamery | 1536 Kiker Pass Road B | Clayton | J. Olympia | 8/1/2018 | Closed | Add-on | None |
| Food Service | Little Caesars Pizza | 5433 Clayton Road L | Clayton | J. Olympia | 5/22/2019 | Reinspected | Add-on | None |
| Food Service | Sweet Bakery | 5435 Clayton Road E | Clayton | J. Olympia | 8/29/2018 | Reinspected | Add-on | None |
| Paint Shop | Sherwin - Williams | 5443 Clayton Road | Clayton | J. Olympia | 8/29/2018 | Reinspected | Add-on | None |
| Retail | Walgreen Drug Store | 5437 Clayton Road | Clayton | J. Olympia | 1/24/2019 | Reinspected | Add-on | None |

Total number of Follow-up, Enforcement Follow-up, Surveillance, Consultation and Partial Inspections: 0
 Total number of closed or moved or inactive Inspections: 2

Total number of Initial Inspections and Reinspections: 8
 Total number of NOV's issued: 0
 Total number of WNs issued: 0



CLAYTON Full Trash Capture and Trash Management Area Map




Information contained on these maps is for the sole purpose of the Contra Costa Clean Water Program. Accuracy of the data is not guaranteed.



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City Council
TUIJA I. CATALANO, *MAYOR*
JULIE PIERCE, *VICE MAYOR*
JIM DIAZ, *COUNCILMEMBER*
JEFF WAN, *COUNCILMEMBER*
CARL C.W. WOLFE, *COUNCILMEMBER*

Date: September 30, 2019
To: City Engineer, Asst. to the City Manager/Stormwater Manager; and
Community Development Department
From: Joe Sbranti, Interim City Manager 
By: F. J. Kennedy, P.E. Kennedy & Associates Storm Water Consultants
Subject: City of Clayton: Green Infrastructure Plan – Design Policy

The San Francisco Regional Water Quality Control Board has mandated that Green Infrastructure be implemented under provision C.3.j of the current NPDES Permit (Order No. R2-2015-0049, NPDES Permit No. CAS612008, dated November 19, 2015). This is commonly referred to as turning existing storm drainage facilities from gray to green. The Board elected to require a 2-step process to achieve this mandate. The City first prepares and adopts a Green Infrastructure Framework; secondly, the Framework then serves as the guiding document for the development of an administratively approved Green Infrastructure Plan. The City Manager approved the Green Infrastructure Framework on June 30, 2017 and directed staff to prepare the Green Infrastructure Plan. City of Clayton Municipal Code Section 13.12.020 authorizes the City Manager to implement policies as may be necessary to comply with the City's discharge permit requirements.

The basic concept of Green Infrastructure as promulgated by the Green Infrastructure Plan is that no economically feasible opportunity be lost to include green infrastructure in new City public projects and to retrofit existing storm drainage facilities such as with the incorporation of bio-retention facilities where possible. The following administrative policy statements fulfill the various Green Infrastructure Plan requirements of C.3.j.

Design Policy for Green Infrastructure

The City of Clayton is committed to shifting its conventional "collect and convey" storm drain infrastructure to more resilient, sustainable stormwater management. Such a system reduces runoff volumes, disperses runoff to vegetated areas, harvests and uses runoff where feasible, promotes infiltration and evapotranspiration, and uses natural processes to detain and treat runoff. This will include implementing, where and when feasible, Low Impact Development (LID) features and facilities such as pervious pavement, bioretention facilities ("rain gardens"), green roofs, and rainwater harvesting systems.

Green Infrastructure in New Development and Redevelopment Projects

The City uses its planning, zoning, and building authorities to require proposed new development and redevelopment projects to incorporate LID features and facilities as reviewed and conditioned by the City Engineer, Asst. to the City Manager/Stormwater Manager and /or Community Development Department in accordance with the New Development and Redevelopment (Provision C.3) requirements. This is implemented with the current edition of the Contra Costa Clean Water Program's *Stormwater C.3 Guidebook*.

The City requires that the location and footprints of planned bioretention facilities are incorporated into site plans, landscaping plans, renderings, and improvement plans submitted for the City's discretionary review. The City reviews construction plans and inspects construction of LID facilities to ensure the facilities are built in accordance with the criteria in the *Guidebook*. The City requires the owners of properties with LID facilities to agree to maintain the facilities in perpetuity and conducts periodic operation and maintenance inspections of built facilities.

During early planning of projects, feasibility studies, drainage reports, Initial Studies, and Environmental Impact Reports are required to demonstrate:

- Runoff from impervious roofs and pavement is dispersed to adjacent pervious areas where feasible and in accordance with the *Guidebook*.
- Bioretention facilities detain, retain, and treat runoff from remaining roofs and pavement.
- The bioretention facilities are in easily identifiable, common, accessible areas and are integrated with site landscaping.
- Plans, drawings, and exhibits show the bioretention facilities at a level of detail consistent with the document.

When reviewing applications for Provision C.3 compliance, the City considers the project scope to include any impervious surfaces added or replaced within the adjacent public right-of-way (street frontage improvements) in connection with the project. Applicants are required to evaluate the potential to direct runoff from paved areas within the adjacent public right-of-way to LID facilities located either within the right-of-way or on the parcel to be developed or redeveloped. Where it is financially feasible to do so, the project will be designed and built to incorporate these adjacent facilities in the public right of way. The City may require, as a condition of development approval, that the owner operate and maintain the facilities in perpetuity. Where previously existing pavement within the public right-of-way is made to drain to LID facilities, the square footage of that existing pavement may, at the City's discretion, be credited toward square footage of new and replaced impervious area for which LID treatment is not provided.

The City maintains a prioritized list of opportunities to retrofit streets and storm drains with Green Infrastructure. An initial list is in the City's Green Infrastructure Plan (September 2019).

The list is updated continuously, or at least annually, with new opportunities:

- All new construction and substantial upgrades to City facilities, including public buildings, offices, stations, parking lots, and corporation yards, incorporate LID features and facilities in accordance with the New Development and Redevelopment (Provision C.3) requirements of the Municipal Regional Stormwater Permit. When the project includes street frontage improvements, and where feasible, the project is also designed so that street runoff is directed to LID facilities within the site or in the adjacent public right of way.
- All transportation projects for which the City is a sponsor or participant, including roadway widening or reconstruction, streetscape improvements, "complete streets" projects, traffic calming, safe routes to schools, and other projects that involve roadway reconfiguration, are evaluated for the potential to incorporate LID features and facilities.
- All storm drain projects are evaluated for the potential to incorporate LID features and facilities to treat stormwater and manage flows before discharge to streams or the municipal separate storm sewer system. Where appropriate, LID facilities are incorporated into projects to daylight or restore urban streams.
- The City has an ongoing process, affirmed in each adopted budget, to proactively review aspects of its storm drainage system to identify additional opportunities to incorporate LID features and facilities, with an emphasis on exceptional or low-cost opportunities.

- The City receives and adds to the list Green Infrastructure opportunities identified by the public.

Where implementation of LID facilities has been found to be infeasible, an opportunity may be removed from the prioritized list.

Evaluation of Listed Opportunities for Green Infrastructure Retrofits

For new and substantial upgrades to City facilities, transportation projects, and storm drainage projects, whenever doing so can be made consistent with the project objectives, would be reasonably cost-effective, and would be technically feasible, the City will incorporate LID features and facilities into the preliminary design of the project. LID features will be incorporated in project final designs unless the incremental costs would prevent the project from being constructed. The City has an ongoing process, affirmed in each adopted budget, to evaluate opportunities on the list and to seek funding, including submittal of grant applications, for implementation.

Green Infrastructure Design Guidelines and Specifications

When determining design elements to be included in streetscape improvements and complete streets projects, project managers and designers will consult the National Association of City Transportation Officials (NACTO) *Urban Street Stormwater Guide*, the San Mateo County *Sustainable Green Streets and Parking Lots Design Guidebook*, and other resources available on the CCCWP website.

LID features and facilities will be designed and constructed in accordance with the applicable specifications and criteria in the Contra Costa Clean Water Program's *Stormwater C.3 Guidebook*. Additional details and specifications, as may be needed for design of street retrofit projects, may be adapted from the *San Francisco Public Utilities Commission Stormwater Requirements and Design Guidelines Appendix B (Green Infrastructure Details)*, the *Central Coast Low Impact Development Institute Bioretention Standard Details and Specifications*, or other resources compiled by the CCCWP and available through their website.

The City will participate in a countywide interagency process, convened by the CCCWP, to facilitate excellence and consistency in the design and construction of Green Infrastructure features and facilities.

The City will:

- Share with other Contra Costa municipalities, through the CCCWP, conceptual, preliminary, and final plans and specifications developed for Green Infrastructure projects.
- Identify significant Green Infrastructure projects and issues encountered during design and construction of those projects and bring those projects and issues forth in online forums and in-person interagency workshops and meetings.
- Participate in evaluation and recommendation of design details and specifications for Green Infrastructure, where doing so furthers the purposes of countywide consistency and cost-efficiency, and quality of the built facilities.
- Participate, as a reviewer, in the drafting and updating of a Green Infrastructure Design Guide, the purpose of which will be to assist capital improvement projects staff in Contra Costa municipalities throughout the steps of project identification, evaluation, design, and construction.