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Zone 7 Water Agency

CITY OF NEWARK FISCAL YEAR 2011- 2012 ANNUAL REPORT OF STORMWATER PROGRAM IMPLEMENTATION

Submitted to:
California Regional Water Quality Control
Board, San Francisco Bay Region
September 15, 2012



CITY OF NEWARK, CALIFORNIA

37101 Newark Boulevard • Newark, California 94560-3796 • (510) 578-4000 • FAX (510) 578-4306

September 15, 2012

Mr. Bruce Wolfe
Executive Officer
California Regional Water Quality Control Board,
San Francisco Bay Region
1515 Clay St., Suite 1400
Oakland, CA 94612

RE: CITY OF NEWARK FISCAL YEAR 2011-2012 ANNUAL REPORT

Dear Mr. Wolfe:

Enclosed is the City of Newark's Fiscal Year 2011-2012 Annual Report of Stormwater Program activities under the Municipal Regional Stormwater NPDES Permit No. CAS612008. Program activities are discussed in detail in the attached report.

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 managed the system, or those persons directly responsible for gathering the information, the information 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 fine and imprisonment for knowing violations.

If you have any questions or comments regarding this submittal, or require further information, please contact me by telephone at (510) 578-4286 or by email at soren.fajeau@newark.org.

Sincerely,

SOREN FAJEAU, P.E.
Senior Civil Engineer/Stormwater Program Manager

Enclosure



CITY OF NEWARK, CALIFORNIA

37101 Newark Boulevard • Newark, California 94560-3796 • (510) 578-4000 • FAX (510) 578-4306

September 1, 2010

Mr. Bruce Wolfe
Executive Officer
California Regional Water Quality Control Board,
San Francisco Bay Region
1515 Clay St., Suite 1400
Oakland, CA 94612

**SUBJECT: SIGNATORY AUTHORITY AND CLEAN WATER PROGRAM
MANAGEMENT COMMITTEE REPRESENTATIVE**

Dear Mr. Wolfe:

Please be advised that Peggy Claassen, Public Works Director, and Soren Fajeau, Senior Civil Engineer, are duly authorized to sign all reports, certifications or other submittals required by the Regional Water Board and the Municipal Regional Stormwater Permit (NPDES Permit No. CAS612008 as may be amended, revised or reissued) on behalf of the City of Newark.

Soren Fajeau, Senior Civil Engineer, and Michael Carmen, Assistant Engineer are designated as the primary and alternate representatives respectively to the Alameda Countywide Clean Water Program Management Committee. This designation is made pursuant to the Agreement to Implement the Alameda Countywide Clean Water Program.

If you have any questions, Mr. Fajeau can be reached by telephone at (510) 578-4286 or by email at soren.fajeau@newark.org. and Mr. Carmen can be reached by telephone at (510) 578-4320 or by email at michael.carmen@newark.org.

Sincerely,

JOHN BECKER
City Manager

cc: Jim Scanlin, ACCWP

ATTACHMENT B

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Section 1 – Permittee Information

Background Information			
Permittee Name:	City of Newark		
Population:	42,573 (2010 U.S. Census Bureau data)		
NPDES Permit No.:	CAS612008		
Order Number:	R2-2009-0074R		
Reporting Time Period (month/year):	July / 2011 through June / 2012		
Name of the Responsible Authority:	Peggy Claassen	Title:	Public Works Director
Mailing Address:	37101 Newark Boulevard		
City:	Newark	Zip Code:	94560
		County:	Alameda
Telephone Number:	(510) 578-4671	Fax Number:	(510) 578-4243
E-mail Address:	peggy.claassen@newark.org		
Name of the Designated Stormwater Management Program Contact (if different from above):	Soren Fajeau	Title:	Senior Civil Engineer
Department:	Public Works		
Mailing Address:	37101 Newark Boulevard		
City:	Newark	Zip Code:	94560
		County:	Alameda
Telephone Number:	(510) 578-4286	Fax Number:	(510) 578-4243
E-mail Address:	soren.fajeau@newark.org		

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

The City of Newark's Maintenance Division actively participates on the Alameda Countywide Clean Water Program's Municipal Maintenance Subcommittee and its ongoing meetings, trainings and other activities. Three staff members of the Maintenance Division, including the Maintenance Superintendent and the Maintenance Supervisor for streets and parks, attended the subcommittee's Trash Capture Workshop on September 29, 2011 as well as the Corporation Yard Training on May 31, 2012. Although staff was unable to attend the May 3, 2012 Subcommittee meeting, staff is scheduled to attend future subcommittee meetings. Please see the Municipal Operations sections of the Alameda County Clean Water Program FY 11/12 Annual Report for a summary of Program highlights.

The City of Newark effectively implemented all requirements of Provision C.2 for Street and Road Repair and Maintenance, Sidewalk/Plaza Maintenance and Pavement Washing, and Bridge and Structure Maintenance and Graffiti Removal. Details are provided in the following sections.

The City has one stormwater pump station which is located off of Crystal Springs Drive near Jarvis Avenue. Inspection results for this pump station are provided in section C.2.d.

The City's corporation yard underwent an inspection by Regional Water Quality Control Board staff during the 2010-2011 reporting period. Corrective actions were taken by the City and Board staff followed with a letter on July 25, 2011 with additional details related to the inspection findings, identified deficiencies, and required corrective actions. The City resolved all issues in a timely manner and provided a response to Board staff dated September 29, 2011. This response is included as Attachment 1 to this annual report along with a revised Stormwater Pollution Prevention Plan and Weekly Inspection Form for the City's corporation yard. Maintenance Division staff has increased corporation yard monitoring and clean-up activities. Trash and debris are cleaned up on a daily basis and a detailed inspection is completed weekly. Engineering Division staff also completed two inspections of the corporation yard during the reporting period.

Although detailed reporting is no longer required in the Annual Report, the City continues to clean storm drain inlets, remove litter from parks, and provide ongoing street sweeping services. The City attempts to clean inlets at least once annually, although this goal is not reached every year due to staffing shortages. When less than 100% of storm drain inlets cannot be cleaned in a given year, staff focuses on those inlets where either previous or potential flooding conditions exist. With the installation of trash capture devices in approximately 120 inlets, maintenance of those locations will be given priority. The City removed approximately 760 cubic yards of garbage and 990 cubic yards of green waste from City streets and parks. Street sweeping services resulted in about 896 cubic yards of debris removal.

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

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and provide explanation in the comments section below:

X	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
X	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.
X	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:
 Most street and road repair and maintenance, including all pavement resurfacing, is completed through capital improvement projects by private contractors due to limited in-house street maintenance staff. For any street and road maintenance work that is completed by City staff, which is generally limited to minor pothole repairs, all applicable BMPs from the California Stormwater Quality Association's (CASQA's) Handbook from Municipal Operations are implemented. For the maintenance and street construction activities completed by City contractors, the CASQA Handbook for Construction BMPs are required to be implemented with the project specifications and are carefully observed and enforced by trained and experienced City inspection staff in the Engineering Division. The City hired a new Public Works Inspector at the end of the reporting period and the City will seek additional training for this individual related to street and road repair BMPs as well as C.6 construction inspection requirements.

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

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

X	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
X	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments:
 Street sweeping with a street sweeping vehicle is the primary activity undertaken by the City under C.2.b. Although pavement washing, mobile cleaning and pressure washing operations are very rare occurrences, the required BMPs were implemented for all activities. The City's Maintenance Supervisor responsible for all streets and parks activities is certified under the BASMAA Mobile Surface Cleaner Program, as is the City's landscape contractor.

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

Place an **X** in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of these BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

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

Comments:

There is only on bridge (or structure) directly over water and it rarely requires maintenance. No maintenance was conducted on this bridge during the 2011-2012 reporting period. As in past years, no discharges were generated from graffiti removal activities because the City routinely paints over graffiti found on structures (most commonly fences, walls, traffic signal cabinets, etc.). These structures are sometimes wiped with rags and mild cleansers prior to painting, but there are no related pressure washing activities. All materials used for cleaning are properly disposed of without any discharges to the environment. Because no discharges were generated from either bridge/structural maintenance or from graffiti removal activities, a **NA** response was provided for each of these categories. BASMAA Mobile Surface Cleaner Program BMPs have been incorporated for many years with all maintenance activities, employee and volunteer training, and contract specifications.

C.2.d. ► Stormwater Pump Stations

Does your municipality own stormwater pump stations: Yes No

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

Complete the following table for dry weather DO monitoring and inspection data for pump stations¹ (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt.

Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data	
	Date	mg/L	Date	mg/L
Crystal Springs Pump Station, Crystal Springs Drive	9/22/2011	6.5	5/29/2012	7.0

¹ DO monitoring is exempted where all discharge from a pump station remains in a stormwater collection system or infiltrates into a dry creek immediately downstream.

Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions:

There were no corrective actions needed for DO monitoring because all samples indicated a DO level over 6.0 mg/L.

Summary:

The DO levels during the dry season have been consistently at 6.0 mg/L or higher and therefore no corrective actions have been taken during the dry season. Trash in stormwater pump station sump was removed.

Attachments:

No attachments have been included because corrective actions have not been necessary.

Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):

Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)
Crystal Springs Pump Station, Crystal Springs Drive	1/23/2012	Less than 1	No	No	No	No
Crystal Springs Pump Station, Crystal Springs Drive	3/19/2012	Less than 1	No	No	No	No

C.2.e. ► Rural Public Works Construction and Maintenance					
Does your municipality own/maintain rural ² roads:		<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If your answer is No then skip to C.2.f.					
Place an X in the boxes next to implemented BMPs to indicate that these BMPs were implemented in applicable instances. 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 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:					

² Rural 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 current 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		
<p>Comments:</p> <p>The City's corporation yard is cleaned on a daily basis and a weekly inspection is performed by Maintenance Division staff. In addition, Engineering Division staff completes at least one independent inspection each reporting period. In FY 2011-12, the Engineering Division completed two inspections as indicated below.</p> <p>Attachment 1 includes a detailed response dated September 29, 2011, to Water Board staff's July 25, 2011 letter regarding required corrective actions associated with stormwater management of the City's corporation yard. The attachment includes the response letter, revised corporation yard SWPPP, and a new Weekly Inspection Form.</p>			
If you have a corporation yard(s) that is not an NOI facility, complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information			
Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
Newark Service Center Corporation Yard	October 3, 2011	All Best Management Practices properly implemented. Maintenance staff has significantly increased litter pick-up.	None
Newark Service Center Corporation Yard	January 23, 2012	All Best Management Practices implemented and in good condition.	None

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

C.3.b. ► Green Streets Status Report
 (All projects to be completed by December 1, 2014)

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard.

Summary:
 The City of Newark did not have a pilot green street project during the 2011-12 reporting period.

C.3.b.v.(1) ► Regulated Projects Reporting Table

Fill in attached table C.3.b.v.(1) or attach your own table including the same information. See table C.3.b.v.(1) below.

C.3.iii(3) Low Impact Development Reporting

(For FY 11-12 Annual Report only) Report the method(s) of implementation of Provision C.3.c.i in the 2012 Annual Report. For specific tasks listed in Provision C.3.c.i. that are reported using the reporting tables required for Provision C.3.b.v, a reference to those tables is adequate.

The City includes the following condition for all projects that trigger the requirements of Provision C.3.c.i of the MRP:
"The project must be designed to include appropriate source control, site design, and stormwater treatment measures to prevent stormwater runoff pollutant discharges and increases in runoff flows from the site in accordance with Provision C.3 of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, revised November 28, 2011, issued to the City of Newark by the Regional Water Quality Control Board, San Francisco Bay Region. Examples of source control and site design requirements include, but are not limited to: properly designed trash storage areas, sanitary sewer connections for all non-stormwater discharges, minimization of impervious surfaces, and treatment of all runoff with Low Impact Development (LID) treatment measures. A properly engineered and maintained biotreatment system will only be allowed if it is infeasible to implement other LID measures such as harvesting and re-use, infiltration, or evapotranspiration. The stormwater treatment design shall be completed by a licensed civil engineer with sufficient experience in stormwater quality analysis and design. The design is subject to review by the Regional Water Quality Control Board. The developer shall modify the site design to satisfy all elements of Provision C.3 of the MRP. The use of treatment controls for runoff requires the submittal of a Stormwater Treatment Measures Maintenance Agreement prior to the issuance of any Certificates of Occupancy."

To supplement the condition above, the City provides the applicant/developer additional information summarized in an outreach piece titled, "Changes to Stormwater Quality Control Requirements-Information for Developers, Builders, and Project Applicants (Dated: May 2012)" provided by the Alameda County Clean Water Program and a copy of Provision C.3.c.i of the MRP. In addition, a checklist titled "Project Applicant Checklist of Stormwater Requirements for Development Projects" provided by the Alameda County Clean Water Program is also provided. The checklist includes key site design, source control, and stormwater treatment requirements that all projects must incorporate in addition to information on construction BMPs, regulated projects, and hydromodification management projects. The checklist references the City's "Model

List of Source Control Measures” so that applicants are aware of all the different source control measures available that apply to their respective project.

To further ensure LID implementation, the City provides the following forms provided by the Alameda County Cleanwater Program (1) Feasibility Evaluation: Infiltration and Rainwater Harvesting/Use (Appendix J of the C.3 Technical Guidance Manual) (2) Infiltration/Rainwater Harvesting and Use Feasibility Screening Worksheet Guidance (3) Infiltration Feasibility Worksheet (4) Rainwater Harvesting and Use Feasibility Worksheet (5) Biotreatment Soil Specifications and (6) Green Roof Specifications (if necessary). Please see Table C.3.b.v. (1) for specific information on regulated projects approved during FY 11-12. Note that projects approved prior to December 1, 2011 were not required to fully implement the LID requirement in Provision C.3.c.i.

One member of the City of Newark Engineering Division attending the June 12, 2012 workshop which included standard information for Provision C.3, a case study of LID implementation, a LID project exercise with a sample project, and a panel discussion related to C.3 issues.

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

<i>(For FY 11-12 Annual Report only)</i> Did your agency make any ordinance/legal authority and procedural changes to implement Provision C.3.e.?	<input type="checkbox"/>	Yes.	<input checked="" type="checkbox"/>	No
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If yes, attach a copy of the ordinance/legal authority changes or provide a link to the document(s). Discuss any procedural changes made.

<i>(For FY 11-12 Annual Report and each Annual Report thereafter)</i> Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
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Comments: The City is choosing to require 100% LID treatment onsite for all Regulated Projects.

C.3.e.vi ► Special Projects Reporting

1. 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	X	No
2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2012 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.		Yes	X	No
If you answered "Yes" to either question, 1) Complete Table C.3.e.vi . below. NA 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project. NA				

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

(1) Fill in attached table C.3.h.iv.(1) or attach your own table including the same information. See table C.h.iv.(1) below
(2) On an annual basis, 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 common problems encountered with vault based and landscape based treatment measures have not changed between the '10-'11 and '11-'12 reporting period. Vault based treatment measures normally comprise of murky water, sediment, accumulated trash, and floatables. Landscape based treatment measure issues normally comprise of overgrown weeds, over and under grown landscaping and grass, dead/dried landscaping, and curb openings that are blocked. Due to the lack of rain within this fiscal year, in comparison to the previous year, the drought tolerant landscaping within landscape based treatment measures appear dry and in need of irrigation. Property managers and owners will be reminded to irrigate their landscaping on a regular basis.
(3) On an annual basis, 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: Staff will continue to inspect 100% of the vault based and landscape based treatment measures installed throughout the City within the public right of way and private property. In addition, Staff will continue to inspect new treatment measures during construction in addition to 45 days of installation. Annual inspections of existing treatment measures and regular inspections during construction ensures proper construction and maintenance, consistent with the approved drawings and stormwater pollution prevention plan on file with the City. Regular visits to sites also provides open communication with the property owner representative or contractor.
(4) During the reporting year, did your agency:

<ul style="list-style-type: none"> Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation? 	X	Yes		No
<ul style="list-style-type: none"> Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls? 	X	Yes		No
<ul style="list-style-type: none"> Inspect at least 20 percent of the total number of installed vault-based systems? 	X	Yes		No
<p>If you answered "No" to any of the questions above, please explain: NA</p>				

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

Project Name Project No.	Project Location ⁹ , Street Address	Name of Developer	Project Phase No. ¹⁰	Project Type & Description ¹¹	Project Watershed ¹²	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft ²) ¹³	Total Replaced Impervious Surface Area (ft ²) ¹⁴	Total Pre- Project Impervious Surface Area ¹⁵ (ft ²)	Total Post- Project Impervious Surface Area ¹⁶ (ft ²)
Private Projects											
Newark Boulevard Retail Project	35000 Newark Boulevard (Newark Boulevard & Jarvis Avenue)	Imwalle Properties, Inc.	NA-Project completed	Two new retail buildings (retail-commercial)	Unnamed or culverted drainages	1.12	0.84	0	23,571	25,661	23,571
Datasafe Expansion	37580 Filbert Street (Filbert Street & Enterprise Drive)	Reis Newark LLC	NA-Project completed	Warehouse expansion (industrial)	Unnamed or culverted drainages	4.67	0.81	183,009	35,386	147,623	218,395
Cruise America Improvements	5633 John Muir Drive (John Muir Drive & Mowry School Road)	Balentine Drive Holdings LLC	NA-Project completed	New access road (auto dealership)	Unnamed or culverted drainages	12.94	1.02	30,934	0	19,670	50,604
Washington Township Hospital Newark Health Clinic	6250 Thornton Avenue (Thornton Avenue & Arden Street)	Newark Medical Center LLC	NA-Project completed	Building expansion and site improvements (office building)	Unnamed or culverted drainages	0.79	0.21	0	5,462	32,360	26,898
Public Projects											
None	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

⁹ Include cross streets

¹⁰ If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter "NA".

¹¹ Project 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.

¹² State the watershed(s) in which the Regulated Project is located. Optional but recommended: Also state the downstream watershed(s).

¹³ All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹⁴ All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁵ For redevelopment projects, state the pre-project impervious surface area.

¹⁶ For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Application Deemed Complete Date ¹⁷	Application Final Approval Date ¹⁷	Source Control Measures ¹⁸	Site Design Measures ¹⁹	Treatment Systems Approved ²⁰	Operation & Maintenance Responsibility Mechanism ²¹	Hydraulic Sizing Criteria ²²	Alternative Compliance Measures ^{23/24}	Alternative Certification ²⁵	HM Controls ^{26/27}
Private Projects										
Newark Boulevard Retail Project	4/12/11	7/14/11	Roofed trash enclosure with sanitary sewer connection, storm drain stenciling with the wording "No Dumping – Drains to Bay", efficient landscape irrigation systems, and incorporation of Bay-Friendly Landscaping principles	Minimize impervious surfaces, disconnected roof leaders	Bioretention cells/basins (3 total)	Stormwater Treatment Measures Maintenance Agreement with private landowner	Flow hydraulic design basis (2c) – Simplified Approach	No alternative compliance involved in this project.	No alternative certification involved in this project.	No HM controls required for this project.

¹⁷ For private projects, state project application deemed complete date and final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁸ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

¹⁹ List 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.

²⁰ List 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.).

²¹ List 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.

²² See 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).

²³ For 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.

²⁴ For 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)(ii) for the Regional Project.

²⁵ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁶ If HM control is not required, state why not.

²⁷ If 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) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

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

Project Name Project No.	Application Deemed Complete Date ¹⁷	Application Final Approval Date ¹⁷	Source Control Measures ¹⁸	Site Design Measures ¹⁹	Treatment Systems Approved ²⁰	Operation & Maintenance Responsibility Mechanism ²¹	Hydraulic Sizing Criteria ²²	Alternative Compliance Measures ^{23/24}	Alternative Certification ²⁵	HM Controls ^{26/27}
Datasafe	6/14/10	7/14/11	Storm drain stenciling with the wording "No Dumping – Drains to Bay", efficient landscape irrigation systems, and incorporation of Bay-Friendly Landscaping principles	Minimize impervious surfaces, disconnected roof leaders, pervious pavers	Infiltration swale and infiltration basin	Stormwater Treatment Measures Maintenance Agreement with private landowner	Flow hydraulic design basis (2c) – Simplified Approach	No alternative compliance involved in this project.	No alternative certification involved in this project	No HM controls required for this project.
Washington Township	3/16/2010	4/22/10	Roofed trash enclosure, storm drain stenciling with the wording "No Dumping – Drains to Bay", efficient landscape irrigation systems, and incorporation of Bay-Friendly Landscaping principles	Minimize impervious surfaces, disconnected roof leaders, grasscrete permeable surface	Bioretention areas	Stormwater Treatment Measures Maintenance Agreement with private landowner	Flow hydraulic design basis (2c) – Simplified Approach	No alternative compliance involved in this project	No alternative certification involved in this project	No HM controls required for this project

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

Project Name Project No.	Application Deemed Complete Date ¹⁷	Application Final Approval Date ¹⁷	Source Control Measures ¹⁸	Site Design Measures ¹⁹	Treatment Systems Approved ²⁰	Operation & Maintenance Responsibility Mechanism ²¹	Hydraulic Sizing Criteria ²²	Alternative Compliance Measures ^{23/24}	Alternative Certification ²⁵	HM Controls ^{26/27}
Cruise America	11/3/11	11/3/11	Storm drain stenciling with the wording “No Dumping – Drains to Bay”, efficient landscape irrigation systems, and incorporation of Bay-Friendly Landscaping principles	Minimize impervious surfaces	Bioretention areas	Stormwater Treatment Measures Maintenance Agreement with property owner	Flow hydraulic design basis (2c) – Simplified Approach	No alternative compliance involved in this project	No alternative certification involved in this project	No HM controls required for this project.

Comments:

The effective date for full implementation of LID requirements for private projects was December 11, 2011 per the MRP. Therefore, the LID requirements stated in Provision C.3.c.i do not apply to the projects listed above in Table C.3.b.v.(1). The application for Cruise America went directly to the Building Division for building permit issuance. The application was not reviewed by Planning Commission and City Council.

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ²⁸	Party Responsible ²⁹ For Maintenance	Date of Inspection	Type of Inspection ³⁰	Type of Treatment/HM Control(s) Inspected ³¹	Inspection Findings or Results ³²	Enforcement Action Taken ³³	Comments/Follow-up
Tract 7126	Forbes Drive & Wedgewood Street, Byington Park (Byington Drive bend in park)	No	City of Newark	5/4/12 (Forbes Drive) 6/26/12	Annual	CDS Unit (2)	Floatables + Murky Water . The City typically vacuum and cleans out the CDS Units before and/or after the rainy season, depending on the accumulated trash in each unit. Cleaning of all City owned CDS Units are usually performed on the same schedule.	None	None/CDS Units vacuumed and cleaned upon inspection.
Tract 7254	Intersection of Smith Avenue & Amaryllis Place	No	City of Newark	6/5/12	Annual	CDS Unit	Floatables + Murky Water. The City typically vacuum and cleans out the CDS Units before and/or after the rainy season, depending on the accumulated trash in each unit. Cleaning of all City owned CDS Units are usually performed on the same schedule.	None	None/CDS Units vacuumed and cleaned upon inspection.
Silliman Center	6800 Mowry Avenue	No	City of Newark	5/4/12	Annual	CDS Unit	Floatables + Murky Water. The City typically vacuum and cleans out the CDS Units before and/or after the rainy season, depending on the accumulated trash in each unit. Cleaning of all City owned CDS Units are usually performed on the same	None	None/CDS Unit vacuumed and cleaned upon inspection.

²⁸ Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

²⁹ State the responsible operator for installed stormwater treatment systems and HM controls.

³⁰ State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

³¹ State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

³² State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

³³ State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ²⁸	Party Responsible ²⁹ For Maintenance	Date of Inspection	Type of Inspection ³⁰	Type of Treatment/HM Control(s) Inspected ³¹	Inspection Findings or Results ³²	Enforcement Action Taken ³³	Comments/Follow-up
							schedule.		
Tract 7246	Intersection of Aleppo Drive & Enterprise Drive	No	City of Newark	5/4/12	Annual	CDS Unit	Floatables + Murky Water, The City typically vacuum and cleans out the CDS Units before and/or after the rainy season, depending on the accumulated trash in each unit. Cleaning of all City owned CDS Units are usually performed on the same schedule.	None	None/CDS Unit vacuumed and cleaned upon inspection.
Venture Commerce Center	35465 Dumbarton Court	No	VCC Newark Condominium Association- Dimensional Inspection Laboratories	6/15/12	Annual	Vegetated Swale	Swale and grass look good. Section of swale in question a few years back has been reseeded and is germinating.	None	Swale regularly maintained.
Fire Station 28	7550 Thornton Avenue	No	City of Newark	6/26/12	Annual	CDS Unit	Floatables + Murky Water. The City typically vacuum and cleans out the CDS Units before and/or after the rainy season, depending on the accumulated trash in each unit. Cleaning of all City owned CDS Units are usually performed on the same schedule.	None	CDS Unit vacuumed and cleaned upon inspection.
Alcan Packaging	6590 Central Avenue	No	Guardian Packaging Assoc.	6/15/12	Annual	Grassy Swale	Swale and grass condition look good.	None	Grassy swale maintained regularly.
Home Depot	5401 Thornton Avenue	No	Home Depot USA Inc.	9/28/11	Annual	Vortech Units (2)	Murky water, sediment, and debris present.	Verbal Warning	Vortech Units vacuumed and cleaned
Aspenwood Marketplace	34893 Newark Boulevard	No	Orchard Retail Newark I, LLC	6/23/12	Annual	CDS Unit(2)	Murky water. 70% full of trash and debris.	Verbal Warning	Site work currently under construction. Prior to issuance of a Certificate of Occupancy for the

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ²⁸	Party Responsible ²⁹ For Maintenance	Date of Inspection	Type of Inspection ³⁰	Type of Treatment/HM Control(s) Inspected ³¹	Inspection Findings or Results ³²	Enforcement Action Taken ³³	Comments/Follow-up
									project, the CDS Units must be pumped and cleaned out. CDS Units will be cleaned and pumped before the rainy season or after site work is complete per Engineering Division condition of approval.
Senior Center	7401 Thornton Avenue	No	City of Newark	6/15/12	Annual	Vegetated Swale	Vegetation dry. Curb openings blocked. Rock and fabric at curb openings need to be replaced. Weeds need to be pulled.	Verbal Warning	Staff will provide the necessary maintenance duties to restore swale to original condition. Will continue to monitor.
Cedar Springs	39620 Cedar Boulevard	No	Shamco Investments	6/15/12	Annual	Grassy Swale & CDS Unit	Grass within the bioswale is too long and in need of maintenance. Curb openings need to be cleared to allow runoff to enter bioswale.	Verbal Warning	Murky water will need to be pumped out of the CDS Unit on a yearly basis. Maintenance of the swale as needed. Will continue to monitor.
Zip Zoom Fly	39889 Eureka Drive	No	Tasann Ting Group	6/15/12	Annual	Grassy Swale	Grass needs to be trimmed to a height of 6-8 inches. Clear curb openings, verify that the entire irrigation system is working.	Verbal Warning	Notification provided to property owner to have the grass trimmed, curb openings clear, and to check proper working function of irrigation system. Will continue to monitor.
Stephens & Stephens	38083 Cherry Street	No	Apex Maritime Co., Inc.	6/15/12	Annual	Vegetated Swale	Vegetation looks good, curb openings clear, regularly maintained.	None	None
Mowry Crossings	5655 Mowry Avenue	No	Toyama Partners, LLC	6/15/12	Annual	Bioswales	Maintenance required. Reseed along swale bottom, cut grass 6-8 inches high, clear curb openings, verify if irrigation system is working.	Written Enforcement	Letter sent to property manager to have bioswales maintained. Will continue to monitor.

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

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

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ²⁸	Party Responsible ²⁹ For Maintenance	Date of Inspection	Type of Inspection ³⁰	Type of Treatment/HM Control(s) Inspected ³¹	Inspection Findings or Results ³²	Enforcement Action Taken ³³	Comments/Follow-up
Apple Building	39800 Eureka Drive	No	Apple Inc.	6/15/12	Annual	Bioswales	Bioswale looks great. Grass thick, green, fully germinated. May need trimming next reporting period. Grass around southernmost catch basin has germinated well and looks healthy. Northern portion of the bioswale (roughly 40-50 feet) was torn out due to construction. Grass and soil section will be replaced prior to the acceptance of work for the new concrete pad, pods, and self-retaining area.	None	Apple staff will place new sod around southernmost catch basin.
Washington Township	6250 Thornton Avenue	Yes	Newark Medical Center	7/21/11 6/17/12	7/21/11 (Routine swale construction inspection) 6/17/12 (Routine-Follow up)	Grassy Swales	7/21/12 - Grassy swales installed per approved plans. 6/17/12 – Grass in great shape. Just recently trimmed. Grass should be allowed to grow a little longer. Will monitor.	None	None
Cruise America	5623 John Muir Drive	Yes	Balentine Drive Holdings LLC	1/3/12	1/3/12 (Routine bioretention area inspection) 6/17/12 (Routine – Follow up)	Bioretention Area	1/3/12 - Bioretention area installed per approved plans. 6/17/12 – Vegetation along side slopes are healthy. Grass along bottom of bioretention areas have not germinated.	Verbal Warning	6/17/12 – Property owner will have their landscapers lay sod along the bottom of the bioretention areas. Will monitor progress.
Datasafe	37580 Filbert Street	Yes	Reis Newark LLC	2/1/12	2/1/12 (Routine inspection)	Infiltration Swale, Infiltration Basin, Pervious Pavers	Infiltration Swale, Infiltration Basin, and Pervious Pavers installed per approved plans.	None	None

C.3.e.vi.Special Projects Reporting Table - NA

Reporting Period – December 1, 2011 – June 30, 2012

Project Name & No.	Permittee	Address	Application Submittal Date ³⁴	Status ³⁵	Description ³⁶	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ³⁷	LID Treatment Reduction Credit Available ³⁸	List of LID Stormwater Treatment Systems ³⁹	List of Non-LID Stormwater Treatment Systems ⁴⁰
None	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

³⁴ Date that a planning application for the Special Project was submitted. If a planning application has not been submitted, include a projected application date.

³⁵ 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.

³⁶ Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

³⁷ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

³⁸ 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.

³⁹ 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.

⁴⁰ 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.

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

Program Highlights

Provide background information, highlights, trends, etc.

The City's Industrial and Commercial inspections during the FY2011-12 reporting period continued to improve as staff gains experience and becomes more familiar with the sites that are inspected on a yearly basis. With a variety of industrial and commercial businesses in Newark, staff is better able to identify potential issues and recommend Best Management Practices that will minimize or eliminate any future non-stormwater discharges to the on and off-site storm drain system. Staff continues to attend workshops, Industrial & Illicit Discharge Control and New Development Subcommittee meetings to obtain valuable information about proper procedures for specific discharges, industry BMP standards, compliance enforcement from other agencies, outreach materials for the public, workshops, etc. The sites covered under the Water Board NOI program will continue to be considered "high priority" sites and inspected on an annual basis with supplemental inspections as needed based on site performance and condition. During the FY 2011-12, staff increased the amount of inspections and focused on sites covered under the Water Board NOI Program, gas stations, certified oil recycling centers, auto body shops/used dealers, and grocery stores. Staff will focus on retail and restaurant (low to medium priority) sites, new car dealerships, and high priority sites for the FY 2012-13 reporting period.

As part of the Business Inspection Plan, priority commercial and industrial inspections are listed in Attachment 2 by business category with high priority (annual inspections) given to NOI sites, NPDES sites, Certified Used Oil Collection Centers, and Underground Service Tank Facilities. A complete list of potential commercial and industrial inspection sites is also provided.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If No, explain: NA				

C.4.b.iii.(1) ► Potential Facilities List

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.

Serious Energy, Matheson Tri-Gas, Morton Salt, Trench Plate Rental, Cargil Salt, Dow Corning, Western Pacific Pulp and Paper, Sanmina, Full Bloom, Evergreen Oil, Steeler Inc., Pick N Pull, 5-Star Lumber, Ferma Corporation, Pape Machinery, Pabco Gypsum, BASF, Advanced Anodize, Inc., Amcore, Pozas Bros. Trucking, Gallade Chemical, European Auto W., Oatey Corp, Newark Unified School District Corp Yard, Oak Harbor Freight, Sears AutoCenter, A&S Enterprise Gas Station, Jiffy Lube (Cedar Blvd), Shell Gas Station 1 (Thornton Avenue), Newark Valero, Stevenson Chevron, Chevron 2 (Thornton Avenue), 76 Gas Station (Mowry Avenue), Shell Gas Station 2 (Thornton Avenue), 76 Gas Station (Newark Boulevard), Lido Faire Chevron, Jarvis Shell, Big O Tires, Firestone, Wheel Works, O'Reily's Auto Parts, Newark Goodyear, Jiffy Lube (Jarvis Avenue), City Corp Yard, Lion mall, Mi Pueblo, Orchard, Safeway, Raley's Shopping Center, 99 Ranch, Food Max. See Attachment 2 for full list.

C.4.b.iii.(2) ► Facilities Scheduled for Inspection

List below or attach your list of facilities scheduled for inspection during the current fiscal year.

Serious Energy, Matheson Tri-Gas, Morton Salt, Trench Plate Rental, Cargil Salt, Dow Corning, Western Pacific Pulp and Paper, Sanmina, Full Bloom, Evergreen Oil, Steeler Inc., Pick N Pull, 5-Star Lumber, Ferma Corporation, Pape Machinery, Pabco Gypsum, BASF, Advanced Anodize, Inc., Amcore, Pozas Bros. Trucking, Gallade Chemical, European Auto W., Oatey Corp, Newark Unified School District Corp Yard, Oak Harbor Freight, Sears Auto Center, A&S Enterprise Gas Station, Sears AutoCenter, El Burro, McDonalds, Chandni Restaurant, Kentucky Fried Chicken, Newark Buffet, Lion Mall, King Egg Roll, Starbucks (Newark Blvd & Jarvis Avenue), Bombay Garden, All-American Rentals, and various restaurants.

C.4.c.iii.(1) ► Facility Inspections

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

<input checked="" type="checkbox"/>	Permittee reports multiple discrete violations on a site as one violation.
<input type="checkbox"/>	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	51	
Total number of inspections conducted	68	
Number of violations (excluding verbal warnings) **see Notes 2 and 3 below	0	
Sites inspected in violation (corrective actions required are shown in parentheses)	0(23)	0(45)
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner (violations resolved prior to report filing provided in parentheses)	NA(13)	NA(57)

Comments:

- 1) "Sites inspected in violation" are reported when a site has one or more violations. Multiple violations are reported as one violation on a site.
- 2) Most inspections were completed in May and June of 2012. There were 23 cases where inspections resulted in a need for minor corrective action. Due to the lack of rainfall for the upcoming summer months and the general minor nature of all of these required corrective actions, staff typically required that these issues be corrected in advance of the next rainy season but did not require completion prior to the end of the FY 2012-13 reporting period. There were no reported discharges and no evidence of any discharges due to the necessary BMP adjustments for the sites inspected. Staff will complete follow-up inspections in the early portion of the FY 2012-13 reporting period and will include these inspection results in the FY 2012-13 Annual Report.
- 3) Please note that in past years, staff categorized completed facility inspection reports handed over to site operators at the conclusion of a given inspection as Written Enforcement. For this annual report, this form of notification of necessary corrective action is now categorized as a Verbal Warning and if the severity of the corrective action calls for formal Written Enforcement, all separate written document will be provided. Because these necessary corrective actions are classified as Verbal Warnings, they are excluded from the Number of Violations provided above. Follow-up inspections in FY2012-13 will likely include additional Level 2 Written Enforcement of the 23 required cases of corrective action if those corrective actions are not resolved.
- 4) "Total Number of Inspections Conducted": 51 first time inspections plus 17 follow-up inspections (15 follow-up inspections were from inspections originally made during the '10-'11 reporting period).

C.4.c.iii.(2) ► Frequency and Types/Categories of Violations Observed

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

Type/Category of Violations Observed	Number of Violations (Required Corrective Actions in parentheses)
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	0
Potential discharge and other	0 (23)

C.4.c.iii.(2) ► 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) ³⁵	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ³⁶
Level 1	Verbal Warning	23	100
Level 2	Written Enforcement	0	0
Level 3	Administrative Fine	0	0
Level 4	Legal Action	0	0
Total		23	100

C.4.c.iii.(3) ► Types of Violations Noted by Business Category

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

Business Category ³⁷	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations (Required Corrective Actions in parentheses)
Underground Service Tanks	0	0(1)
State of California's Industrial General Permit program (NOI)	0	0(19)
Retail/Commercial	0	0(3)

³⁵ Agencies to list specific enforcement actions as defined in their ERPs.

³⁶ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

³⁷ List your Program's standard business categories.

C.4.c.iii.(4) ► 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:
 Staff is unaware of any facilities that have not filed for coverage under the State of California’s Industrial General Permit program.

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
IIDC Subcommittee Meetings	Bi-Monthly	Architectural Copper, Mobile Cleaners	1 (typically)	25% (of potential inspectors)
Alameda Countywide CWP Annual Inspector Workshop	Scheduled for 10/11/12	Participants will receive updates on the revised CASQA Industrial BMP Handbooks and the new Statewide Industrial General Permit; illicit discharge follow-up procedures and pollutants of concern	To Be Determined	To Be Determined
Notes: Annual I&IDC inspector training is scheduled for October 2012.				

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

Program Highlights

Provide background information, highlights, trends, etc.

See the Illicit Discharge and Inspection of the Alameda Countywide Clean Water Program FY 11/12 Annual Report for summary of Program highlights.

The City of Newark saw a slight decrease in the total number of discharges reported, from 10 total in FY 2010-11 to 9 total in FY 2011-12. The City's illicit discharge and complaint program is implemented through the Public Works Engineering Division.

Newark staff from the Engineering Division of the Public Works Department attend the Industrial and Illicit Discharge Control (I&IDC) Subcommittee meeting as often as possible. In FY 2011-12, Newark staff was able to attend 3 of the 4 meetings during the reporting period.

The City of Newark routinely inspects the collection system for illicit discharges and illegal dumping. This primarily involves examination of flood control channels at street crossings. These inspections are typically completed by Engineering Division staff. Maintenance Division staff also perform visual inspection of the collection system in their daily duties when inlet cleaning activities are underway during street sweeping operations.

C.5.c.iii ► Complaint and Spill Response Phone Number and Spill Contact List

List below or attach your complaint and spill response phone number and spill contact list.

Contact	Description	Phone Number
Michael Carmen	Public Works – Engineering Division	510-578-4320
Public Works Engineering Division	General Phone Number	510-578-4290
Public Works Maintenance Division	General Phone Number	510-578-4806
City of Newark Police Department	Non Emergency Number/Dispatch	510-578-4237
Alameda County Fire Department	Non Emergency Number	925-447-4257

C.5.d.iii ► Evaluation of Mobile Business Program

Describe implementation of minimum standards and BMPs for mobile businesses and your enforcement strategy. This may include participation in the BASMAA Mobile Surface Cleaners regional program or local activities.

Description:
 The City's mobile business program revolves around the BMPs stated in the updated information summary prepared by the Alameda Countywide Clean Water Program for mobile cleaners. The BMPs listed is the standard for mobile businesses. The BMPs listed for transportation related

washing, surface/carpet cleaning, food related cleaning, and other activities such as mobile homes and pet care are all summarized in the information summary. The brochure is made available on-line and is an outreach item typically distributed at public events and when operators of mobile businesses are found not addressing applicable BMPs. The City continues to attend the Industrial and Illicit Discharge Control Subcommittee Meetings for up to date information on outreach materials, general information on BMP standards, and enforcement strategies for mobile businesses.

For complaints, the City immediately goes to the mobile vendor, writes down company information and completes a citation that acts as a warning. If the discharge requires additional cleanup measures, the mobile business will be responsible for hiring the appropriate party to clean up the spill and any storm drain structures (catch basin and storm drain lines) would be vacuum flushed and cleaned as necessary. City staff normally remains on the site during clean-up activities to ensure proper clean-up.

The City hires one BASMAA certified Mobile Surface Cleaner to assist with the monthly maintenance of Magnolia Plaza at the intersection of Thornton Avenue and Magnolia Street. The mobile surface cleaner is New Image Landscape Company. Any mobile business cleaners hired by the City are required to attend and be certified in BASMAA training.

C.5.e.iii ► Evaluation of Collection System Screening Program

Provide a summary or attach a summary of your collection screening program, a summary of problems found during collection system screening and any changes to the screening program this FY.

Description:

The City of Newark's screening program consists of inspections of storm drain inlets by Maintenance Division staff during inlet cleaning operations and periodic inspections of outfalls and flood control channel segments by Engineering Division staff. Storm drain inlet inspections are routinely completed prior to the rainy season as part of the City's inlet cleaning program. Engineering Division staff periodically reviews flood control channel segments and outfalls in the course of other inspection activities. Typically at least 25 locations are screened annually. However, the City does not yet have an ongoing program to video underground storm drain lines.

During the course of these inspections, staff did not discover any evidence of illicit discharges or spill events having reached the storm drain system. Several spill and discharge events were reported within the public right-of-way during the reporting period however and these are summarized in C.5.f.iii below.

The City has taken some, but not all actions required under C.5.e.iii of the MRP. A storm drain system map hardcopy is on hand and available for public view at the Engineering Division offices (37101 Newark Boulevard). However, we are still in the process of updating our Geographic Information System in order to make an electronic version of the MS4 available. Staff will continue to improve collection system screening techniques in accordance with "Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessment" published by the USEPA/Center for Watershed Protection. The dry weather screening for the reporting period far exceeded the minimum requirement of one screening point per square mile.

C.5.f.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	Percentage
Discharges reported (C.5.f.iii.(1))	9	100
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	6	67
Discharges resolved in a timely manner (C.5.f.iii.(3))	8	89

Comments:
 The City's illicit discharge complaint and response program is implemented through the Public Works Engineering Division. Once a call is received or if an illicit discharge is observed, a staff member immediately drives to the site, property owner or site manager is contacted to have the discharge cleaned up immediately, and a report is completed and pictures are taken as necessary. If a long period of time is required for cleanup services to arrive to the site, the City may contact the Alameda County Fire Department or the City's Maintenance for temporary measures such as sandbags, filter fabric, absorbent, etc. If the discharge goes beyond the storm drain system into a nearby channel or creek, the Alameda County Flood Control District and the Department of Fish and Game are contacted. For indoor sewage backups, the Alameda County Health Agency is also contacted. For all discharges, City staff remains on the site until affected area is cleaned. Additional follow-up visits are typically made to ensure that all required measures are in place and that the discharge will not occur again. For sites that require additional time for remediation, temporary measures are installed and the operation at fault for the discharge is shut down until the cause of the discharge is corrected. Discharges that do not make it to a storm drain system are treated the same as if there was an actual discharge. Discharges that are unsubstantiated in the field but were called in by a resident or other public agency is documented, nearby storm drain structures, channels, and creeks are inspected, and the property owner is notified either verbally or in writing depending on the type of discharge.

C.5.f.iii.(4) ▶ Summary of major types of discharges and complaints

See list below.

For the 2011-12 reporting period, the following is a list of discharges and complaints: 1) car wash water 2) concrete washout 3) raw sewage 4) gravel fines 5) petroleum (oily substance) 6) paint 7) diatomaceous earth 8) diesel 9) oily wash water

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals		
Number of sites disturbing < 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c)
3	2	13
Comments: 1) The three projects that disturbed less than 1-acre of soil that required storm water quality inspections are Washington Township Hospital, Mowry Center Demolition, and Newark Boulevard Retail. The two projects that disturbed more than or equal to 1-acre of soil that required storm water quality inspections were Datasafe and Apple Data Center. 2) The City performs stormwater inspections for all projects that involve any type of grading or major earthwork (cut and fill) regardless of the size of the site. 3) It should be noted that all of these projects were of short durations during the 2011-12 rainy season. Several only lasted two or three months and others either started or ended at the beginning or end of the rainy season. Therefore, there were only 13 total monthly inspections for the projects identified.		

C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations		
BMP Category	Number of Violations ³⁸	% of Total Violations ³⁹
Erosion Control	0	0
Run-on and Run-off Control	0	0
Sediment Control	4	57
Active Treatment Systems	0	0
Good Site Management	2	29
Non Stormwater Management	1	14
Total	7	100%

³⁸ Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

³⁹ Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

C.6.e.iii.1.e ▶ Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP) ⁴⁰	Number Enforcement Actions Taken	% Enforcement Actions Taken ⁴¹
Level 1	Verbal Warning	7	100
Level 2	Written Notice	0	0
Level 3	Administrative Fine/Stop Work Order	0	0
Level 4	Legal Action	0	0
Total			100%

C.6.e.iii.1.f, g ▶ Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence (C.6.e.iii.1.f)	0
Number of sites with discharges, actual and those inferred through evidence (C.6.e.iii.1.g)	0

C.6.e.iii.1.h, i ▶ Violation Correction Times

	Number	Percent
Violations fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	7	100% ⁴²
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0% ⁴³
Total number of violations for the reporting year⁴⁴	7	100%
Comments: 100% of the violations were corrected within 10 business days.		

⁴⁰ Agencies should list the specific enforcement actions as defined in their ERPs.

⁴¹ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁴² Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

⁴³ Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

⁴⁴ Total number of violations equals the number of initial enforcement actions (i.e. one violation issued for several problems during an inspection at a site). It does not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

C.6.e.iii.(2) ► 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: The City uses the Inspection Checklist for Construction Stormwater Controls updated December 15, 2010 for all construction inspections provided by the Alameda County Clean Water Program. The information on the inspection checklists are then transferred to the City's electronic inspection database. Based on this year's inspection results, a majority of the issues involved sediment control measures and good site management. Sediment control and good site management are typical corrections made at construction sites year after year. Typical measures that need upkeep during construction are perimeter protection (wattles, silt fencing, etc.), filter fabric, and pavement sweeping. There were zero discharges from construction sites this reporting period.

C.6.e.iii.(2) ► 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:
 The City's construction inspection program comprises of monthly inspections for high priority sites that disturb more than one acre during the rainy season. The City generally performs inspections on all projects that require the review and approval of a grading and drainage plan. The City continues to attend the Alameda County Clean Water Program New Development Subcommittee meetings to obtain useful outreach material to distribute to contractors and the public. The City also uses the outreach materials to train City staff. The City continues to utilize the new inspection forms provided by the Alameda County Clean Water Program.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
None	N/A	N/A	N/A	N/A

Note: City Staff did not attend a C.6 workshop during the 2011-12 reporting period. The last C.6 construction inspection workshop attended by City staff was May 25, 2011. The City has hired a new inspector who will attend the upcoming C.6 construction inspection workshop for additional training. The City will encourage inspectors and staff to seek opportunities to become a Qualified SWPPP Practitioner (QSP) or Qualified SWPPP Developer (QSD).

Section 7 – Provision C.7. Public Information and Outreach

C.7.b.ii.1 ▶ Advertising Campaign

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

Summary:
 See the BASMAA Youth Litter Campaign Report for a summary of litter related advertising campaign activities. See the Public Outreach and Participation section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report for a summary of pesticide related advertising campaign activities.

C.7.b.iii.1 ▶ Pre-Campaign Survey

(For the Annual Report following the precampaign survey) Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information:

See the BASMAA Youth Litter Campaign Report for a summary of the pre-litter campaign survey.

Place an **X** in the appropriate box below:

<input type="checkbox"/>	Survey report attached
<input checked="" type="checkbox"/>	Reference to regional submittal

C.7.c ▶ Media Relations

Summarize the media relations effort. Include the following details for each media pitch in the space below, AND/OR refer to a regional report that includes these details:

- Topic and content of pitch
- Medium (TV, radio, print, online)
- Date of publication/broadcast

Summary:
 The following separate report developed by BASMAA summarizes media relations efforts conducted during FY 11-12:

- BASMAA Media Relations Final Report FY 11-12

This report and any other media relations efforts conducted countywide is included within the C.7 Public Information and Outreach section of Program's FY 11-12 Annual Report.

C.7.d ► Stormwater Point of Contact

Summary of any changes made during FY 10-11:

There were no changes to the City of Newark's or the Alameda Countywide Clean Water Program's points of contact.

C.7.e ► Public Outreach 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
Provide event name, date, and location. Indicate if event is local, countywide or regional.	Identify type of event (e.g., school fair, farmers market etc.), type of audience (school children, gardeners, homeowners etc.) and outreach messages (e.g., Enviroscene presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> • Estimated overall attendance at the event. • Number of people that visited the booth, comparison with previous years • Number of brochures and giveaways distributed • Results of any spot surveys conducted
Clean Water Program Exhibit at the Alameda County Fair (countywide event). See Public Outreach and Participation section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report for event details.	See Public Outreach and Participation section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report.	See Public Outreach and Participation section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report.
Clean Water Program Exhibit at the Alameda County Fair (countywide event). City of Newark employees staffed the exhibit and assisted with the exhibit take down.	See Public Outreach and Participation section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report.	See Public Outreach and Participation section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report.
2011 Newark Days Information Faire (local event), September 18, 2011 at Newark Community Park	The City's Stormwater Program provided a booth at the 2011 Newark Days Information Faire which is part of the Newark Days celebration with a parade, carnival, vendors, and other activities. Audience	Attendance was estimated at about 3,000 people for the Information Faire, consistent with previous years. Clean water program materials were provided and staff was available to answer questions and provide information

	included Newark and other Tri-City residents of all ages and varied interests.	specific to Newark’s Stormwater Program.
Family Day at the Park Community Resource Faire (local event) on March 31, 2012 at the Newark Community Center	Resource fair with primary attendees being families due to traditional family events such as Easter egg hunt, face painting, inflatable jump house etc.	Approximately 600 people were in attendance. This is down from previous year and weather was a factor. Re-usable bags, pencils, brochures, and other materials were made available through the City’s Stormwater program and staff was in attendance to help answer questions.
Farmer’s Market at NewPark Mall (local event) on May 6, 2012	City staff provided an information booth at the Farmer’s Market located in NewPark Mall parking lot.	Approximately 300 people attended this event. Re-usable bags, pencils, brochures, and other materials were made available through the City’s Stormwater program and staff was in attendance to help answer questions.

C.7.f. ► Watershed Stewardship Collaborative Efforts

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.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:
 See the Public Outreach and Involvement section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report for a summary of the *Bringing Back the Natives* and the *Bay Friendly* garden tours.

C.7.g. ► Citizen Involvement Events		
List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.		
Event Details	Description	Evaluation of effectiveness
Provide event name, date, and location. Indicate if event is local, countywide or regional	Describe activity (e.g., creek clean-up, storm drain marking etc.)	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Data trends
Community Stewardship Grants Program	See the Public Outreach and Involvement section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report.	See the Public Outreach and Involvement section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report.
Jerry Raber Ash Street Park Clean-Up Day	On Saturday April 28 th a total of 31 Newark Memorial High School students along with several adults volunteered to work at the park to perform clean-up activities.	Citizens removed approximately 3 cubic yards of trash from the park grounds, some of which was paper trash that could be blown into nearby (within 1/4 -mile) flood control channels. Group also graded and placed over 50 cubic yards of organic mulch.

C.7.h. ► School-Age Children Outreach			
Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment. Use the following table for reporting school-age children outreach efforts.			
Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.

See the Public Outreach and Involvement section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report for a summary of the School-Age Children Outreach	See the Public Outreach and Involvement section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report	See the Public Outreach and Involvement section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report	See the Public Outreach and Involvement section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

State below if information is reported in a separate regional report. Municipalities can also describe below any Water Quality Monitoring activities in which they participate directly, e.g. participation in RMP workgroups, fieldwork within their jurisdictions, etc.

Summary

During FY 11-12, the City of Newark contributed through the Alameda Countywide Clean Water Program (Program) to the BASMAA Regional Monitoring Coalition (RMC). In addition, the City contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. For additional information on monitoring activities conducted by the Program, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the Program's FY 11-12 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.b ► Implement IPM Policy or Ordinance

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, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

Trends in Quantities and Types of Pesticides Used⁴⁵

Pesticide Category and Specific Pesticide Used	Amount ⁴⁶				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	None	None	None		
Product or Pesticide Type A	NA	NA	NA		
Product or Pesticide Type B	NA	NA	NA		
Pyrethroids	None	None	None		
Product or Pesticide Type X	NA	NA	NA		
Product or Pesticide Type Y	NA	NA	NA		
Carbaryl	None	None	None		
Fipronil	None	None	None		

C.9.c ► Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	4
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	4
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100%

⁴⁵ Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁴⁶ Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

C.9.d ▶ Require Contractors to Implement IPM					
Did your municipality contract with any pesticide service provider in the reporting year?		<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If yes, attach one of the following:					
<input checked="" type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR				
<input type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR				
<input type="checkbox"/>	Equivalent documentation.				
If Not attached , explain:					

C.9.e ▶ Track and Participate in Relevant Regulatory Processes	
Summarize participation efforts, information submitted, and how regulatory actions were affected OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.	
Summary: During FY 11-12, the City of Newark participated in regulatory processes related to pesticides through contributions to the countywide Program, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees.	

C.9.f ▶ Interface with County Agricultural Commissioners					
Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?		<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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. City of Newark municipal staff did not observe any improper pesticide usage or evidence of improper usage and therefore there were no direct reports of such to the County Agricultural Commissioner or follow-up actions taken. Please see the Provision C.9 Pesticide Toxicity Control section of the Alameda Countywide Clean Water Program FY 11-12 Annual Report for a summary of the Program's outreach to the Alameda County Agricultural Commission.					

C.9.h.ii ▶ 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 Program's FY 11-12 Annual Report for information on point of purchase public outreach conducted countywide and regionally.	

C.9.h.vi ► 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); **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 11-12 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.

Response to Water Board Staff Comments on Section 9, Provision C.9, of FY 10-11 Annual Report

The City of Newark received a Notice of Violation on May 9, 2012 from Water Board Staff for failure to require contractors to implement IPM pursuant to Provision C.9.d of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit. Although the City had an IPM Policy, the language within the City's contract specifications was insufficient to ensure contractor compliance. As indicated under Provision C.9.b., the City has not used any organophosphates, pyrethroids, carbaryl, or fipronil since implementation of the MRP in a manner that threatens water quality. This includes all contractor activities. However, the City took significant actions following receipt of the Notice of Violation to correct contract specifications and implement appropriate revisions to its IPM policy. These actions are summarized as follows:

1. The City's IPM Policy IPM policy document was reviewed and updated, and ultimately adopted by the City Council on June 28, 2012. Updates to the policy included prominent placement of the IPM hierarchy within the policy, inclusion of the City's reporting procedures, and delivery of employee reminders of the policy.
2. The City's Standard Specifications and contract documents for tree and landscape maintenance services were updated to be consistent with the City's IPM policy. This will ensure that all future projects contain the updated IPM policy. The language regarding "Pest and Disease Control", "Weed Control", "Rodent Control", and "Best Management Practices" was deleted and replaced with appropriate IPM policy references. This includes use of the IPM hierarchy, restrictions on pesticides of concern, a requirement of the contractors to submit monthly pesticide usage reports to the City Engineer, and other modifications for consistency with the IPM policy.
3. A contract change order was completed for the current Landscape Maintenance Services contract, Project 1004B.
4. An addendum to the Tree Maintenance Services contract, Project 1009, which was out to bid at the time the Notice of Violation was received, was issued on May 17, 2012.
5. The updated IPM policy was mailed to the City's two affected Annual Purchase Agreement (APA) vendors.
6. The IPM policy will be attached to all future Pest and Termite Control APA Bid Quotation Forms, beginning with Fiscal Year 2013-14.
7. The revised IPM policy was added to the City's website on the Maintenance Division pages.
8. The revised IPM policy was reviewed with all Maintenance Division staff, including all certified applicators.
9. A Citywide email was sent to all employees on May 31, 2012 with a reminder of responsibilities, rules, and resources related to the IPM policy. This reminder will be provided on an annual basis.

Although only 4 members of City staff applied pesticides of any kind during the reporting period, all 18 members of the City's Maintenance Division received training related to the City's updated IPM policy and revised contract specifications.

The new reporting requirements added to the City's revised IPM policy include preparation of an annual storage/inventory report for in-house products and a use summary report for both City-applied and contractor-applied products. These summary reports will be prepared beginning with FY 2012-13.

Attachment 3 contains all revised IPM documentation, including the City's revised IPM policy adopted by the Newark City Council.

Section 10 - Provision C.10 Trash Load Reduction

C.10.a.i ▶ Short-Term Trash Loading Reduction Plan

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed in developing a Short-Term Trash Loading Reduction Plan (due February 1, 2012).

Description:

The Short –Term Trash Loading Reduction Plan was submitted to the Water Board on February 1, 2012. See the C.10 Trash Load Reduction section of Program’s FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

C.10.a.ii ▶ Baseline Trash Load and Trash Load Reduction Tracking Method

(For FY 10-11 Annual Report only) Provide description of actions/tasks initiated/conducted/completed to gather trash loading data and in developing a Baseline Trash Load and Trash Load Reduction Tracking Method (due February 1, 2012).

Description:

The Baseline Trash Load and Trash Load Reduction Tracking Method was submitted to the Water Board on February 1, 2012. See the C.10 Trash Load Reduction section of Program’s FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

C.10.a.iii ▶ Minimum Full Trash Capture

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide description of actions/tasks initiated/conducted/completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014) within individual jurisdictions. Include information on Full Trash Capture Devices installed under the Bay-area Wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership and an estimate of the total land area that is planned for treatment by July 1, 2014.

Description:

See the C.10 Trash Load Reduction section of Program’s FY 11-12 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

The City of Newark participated in the Bay Area-wide Trash Capture Demonstration Project administered by the San Francisco Bay Estuary Partnership. The City intends to use approximately \$53,000 in funding through this project to install approximately 120 full trash capture devices (collector pipe screens) in existing storm drain inlets.

The City is obligated under the MRP to provide a minimum trash capture catchment area of 94 acres using full trash capture devices by July 1, 2014. It is anticipated that upon complete installation of all trash capture devices planned that the City will exceed 150 acres of catchment area.

C.10.b.iii ► Trash Hot Spot Assessment

(For FY 10-11 Annual Report and Each Annual Report Thereafter) Provide volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible.

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

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
Line B Channel – Smith Avenue	November 2011	About 30 gallons	Paper	Paper recycling plant across street from flood control channel
Line B Channel – Smith Avenue	February 2012	About 45 gallons	Paper	Paper recycling plant across street from flood control channel
Line B Channel – Smith Avenue	May 2012	About 50 gallons	Paper	Paper recycling plant across street from flood control channel
Line D Channel – Cedar Blvd. and Cherry Street	June 28, 2012	About 50 gallons	Approximately 80% plastic, 10% paper, and 10% other	Newark Memorial High School and nearby commercial retail

C.10.d ► Summary of Trash Reduction Actions and Loads Reduced

Provide a summary of trash load reduction actions (i.e., control measures and best management practices) implemented within your jurisdictional boundaries during the reporting period to achieve a 40% trash load reduction goal by July 1, 2014. For those actions implemented in FY 2011-12, include brief descriptions of levels of implementation and the total trash loads and dominant types of trash removed from each action.

New or Enhanced Trash Load Reduction Action	Description of New or Enhanced Action Implemented in FY 11-12	Estimated Trash Load Removed in FY 11-12 (Gallons) ⁴⁷	Estimated Percent Reduction as of FY 11-12 ⁵⁸	Estimated Dominant Types of Trash Removed in FY 11-12
Single-Use Carryout Bag Policies	The Alameda County Waste Management Authority (StopWaste) adopted a countywide ordinance to prohibit the use of single-use bags. This ordinance goes into effect on January 1, 2013 and is anticipated to result in a 10% reduction of the City's trash loading, equivalent to approximately 1,475 gallons per year.	0	0	NA
Public Education and Outreach Programs	In FY 11-12, the City of Newark participated in 5 public events and through the countywide program the City does outreach to school age children and implements media relations.	590	4%	Plastic and paper
Activities to Reduce Trash from Uncovered Loads	An existing City ordinance prohibit any hauling of garbage in anything other than a watertight, leak-proof container with a tight-fitting cover. This ordinance is strictly enforced.	147	1%	Paper, plastic, construction debris
Full-Capture Treatment Devices	Devices not yet installed in FY 11-12, but expecting to remove 4,744 gallons with full device installation which will result in a 32.2% reduction of trash loading.	0	0	NA
Preliminary Estimate of Trash Load Removed (Gallons) in FY 2011-12		737		
Preliminary Baseline Trash Load Estimate (Gallons)		14,749		
Total Percentage Reduction in FY 2011-12 (Compared to Baseline Trash Load)		5.0%		

⁴⁷The estimated load removed and percent reduction in FY 11-12 is consistent with assumptions described in the Trash Load Reduction Tracking Method Technical Report (version 1.0) submitted to the Water Board on February 1, 2012. In the future, load reductions reported in Annual Reports may be adjusted based on revisions to the tracking methodology.

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

See the Provision C.11 Mercury section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report for a summary of countywide mercury collection and recycling efforts.

Additional Outreach: The City provides information to residents for Waste Management of Alameda County's Household Hazardous Waste program.

C.11.a.ii ► Mercury Collection

Provide an estimate of the mass of mercury collected through these efforts, or provide a reference to a report containing this estimate.

See the Provision C.11 Mercury section of the Alameda Countywide Clean Water Program FY 11/12 Annual Report for an estimate of mercury removed through countywide efforts.

- C.11.b ▶ Monitor Methylmercury**
- C.11.c ▶ Pilot Projects to Investigate and Abate Mercury Sources in Drainages**
- C.11.d ▶ Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.11.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.11.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs**
- C.11.g ▶ Monitor Stormwater Mercury Pollutant Loads and Loads Reduced**
- C.11.h ▶ Fate and Transport Study of Mercury In Urban Runoff**
- C.11.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region**
- C.11.j ▶ Develop Allocation Sharing Scheme with Caltrans**

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary

A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of Program's FY 11-12 Annual Report and/or the BASMAA Regional POC Report.

Section 12 - Provision C.12 PCBs Controls

C.12.a.ii,iii ▶ Ongoing Training

(For FY 10-11 Annual Report and Each Annual Report Thereafter) List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description:

Annual inspector training, including training on identification and referrals of potential PCB sources is planned for October 2012.

C.12.b ▶ Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities

C.12.c ▶ Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations

C.12.d ▶ Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices

C.12.e ▶ Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit

C.12.f ▶ Diversion of Dry Weather and First Flush Flows to POTWs

C.12.g ▶ Monitor Stormwater PCB Pollutant Loads and Loads Reduced

C.12.h ▶ Fate and Transport Study of PCBs In Urban Runoff

C.12.i ▶ Development of a Risk Reduction Program Implemented Throughout the Region

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary

A summary of countywide Program and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of Program's FY 11-12 Annual Report and/or the BASMAA Regional POC Report.

Section 13 - Provision C.13 Copper Controls

C.13.a. iii.(1) ► Legal Authority: Architectural Copper

(For FY 10-11 Annual Report only) Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?

X	Yes		No
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If **No**, explain and provide schedule for obtaining authority within 1 year.

C.13.a.iii.(2) ► Training, Permitting and Enforcement Activities

(FY 11-12 Annual Report and each Annual Report thereafter) Provide summaries of activities implemented to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction including. :

- Development of BMPs on how to manage the water during and post construction
- Requiring the use of appropriate BMPs when issuing building permits
- Educating installers and operators on appropriate BMPs
- Enforcement actions taken against noncompliance

The City of Newark modified a fact sheet developed by the Alameda Countywide Clean Water Program for local use. This fact sheet summarizes local requirements for treating architectural copper and appropriate Best Management Practices to employ during installation and treatment. The fact sheet was distributed to appropriate Building Inspection Division and Engineering Division staff with direction to provide the fact sheet to any applicants whose projects may include architectural copper. The fact sheet is also available at the Building Inspection/Engineering/Planning counter in the Development Services area. A copy of the fact sheet is provided as Attachment 4.

C.13.b. iii. ► Legal Authority: Pools, Spas, and Fountains

(For FY10-11 Annual Report only) Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?

X	Yes		No
---	-----	--	----

If **No**, explain and provide schedule for obtaining authority within 1 year:

C.13.c ▶ Vehicle Brake Pads

Reported in a separate regional report.

A summary of the countywide Program's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of Program's FY 11-12 Annual Report and/or the BASMAA Regional POC Report.

C.13.d.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

During inspections of industrial and commercial business, no such facilities were identified.

C.13.e ▶ Studies to Reduce Copper Pollutant Impact Uncertainties

Report on progress of studies being conducted countywide or regionally to reduce copper pollutant impact uncertainties. State below if information is reported in a separate regional report.

Summary

A summary of the countywide Program and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of Program's FY 11-12 Annual Report and/or BASMAA Regional POC Report.

Section 14 - Provision C.14 PBDE, Legacy Pesticides and Selenium Controls

C.14.a ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls

Report on progress of studies being conducted countywide or regionally to characterize the distribution and pathways of PBDEs, legacy pesticides, and selenium. State below if information is reported in a separate regional report.

Summary

A summary of the countywide Program and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of Program's FY 11-12 Annual Report and/or BASMAA Regional POC Report.

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

C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water

Is your agency a water purveyor?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If No , skip to C.15.b.vi.(2):				
If Yes , Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.				
Comments: Not applicable. The Alameda County Water District is the local water purveyor.				

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

<p>Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:</p> <ul style="list-style-type: none"> • 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.
<p>Summary: City of Newark development review staff in the Engineering Division requires implementation of Bay Friendly Landscaping Guidelines with private development projects subject to discretionary review and on all public projects. The City published Bay Friendly Landscaping Guidelines in 2007 and adopted an associated ordinance. The Engineering Division also enforces the State of California Model Water Efficient Landscape Ordinance (AB 1881) with new developments and with public projects.</p> <p>See Section C.7 and the Alameda Countywide Clean Water Program FY 10/11 Annual Report for promotion and outreach details related to conservation programs, less toxic pest controls (also see Section C.9), use of drought-tolerant landscaping, and appropriate irrigation practices.</p> <p>The City of Newark supports the Alameda County Water District’s water conservation programs including rebate programs for homeowners as well as commercial property owners who convert existing turf lawns to more water efficient plant landscapes. Development services customers are commonly directed to the District’s various programs. The City’s Maintenance Division actively monitors and repairs any City-owned malfunctioning irrigation systems and property owners are notified of any malfunctioning private system when reported or observed by staff.</p>

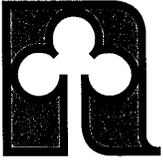
Attachment 1

City of Newark

Corporation Yard Stormwater Compliance Inspection Report Response

Corporation Yard Revised SWPPP

Weekly Inspection Form



CITY OF NEWARK, CALIFORNIA

37101 Newark Boulevard • Newark, California 94560-3796 • (510) 578-4000 • FAX (510) 578-4306

September 29, 2011

Mr. Dale Bowyer
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

RE: STORMWATER COMPLIANCE INSPECTION REPORT FOR
CITY OF NEWARK CORPORATION YARD/MAINTENANCE FACILITY

Dear Mr. Bowyer:

In response to the Stormwater Compliance Inspection Report received via email on July 25, 2011 for compliance with Provision C.2.f of the Municipal Regional Stormwater NPDES Permit (CAS612008), the City of Newark established a schedule for completion of all remaining Required Actions by September 30, 2011. All Required Actions listed in the report have been completed and are summarized below in a format similar to your report. Many of these Required Actions are related to requested amendments to the Corporation Yard Stormwater Pollution Prevention Plan. A copy of the revised SWPPP is enclosed along with a revised Facility Site Map and Weekly Inspection Form.

Required Action #1: The City must clearly label the spill kit locate inside the (fuel dispensing) booth.

Corrective Action #1: As noted in the inspection report, the City demonstrated implementation of Required Action #1 in its March 3, 2011 email.

Required Action #2: The City must put signs on the windows of the (fuel dispensing) booth to clearly identify the location of the spill kit.

Corrective Action #2: Signs have been placed in the window of the booth to better identify the location of the spill kit. Spill kit location have also been noted on the SWPPP Facility Site Map.

Required Action #3: The City must clearly label the spill kits located in the building.

Corrective Action #3: As indicated in the inspection report, the City demonstrated implementation of Required Action #3 in its March 3, 2011 email.

Required Action #4: The City must store all open buckets of materials with appropriate BMPs and provide training to its staff that use the Corporation Yard/Maintenance Facility on the appropriate BMPs to implement for open buckets of materials.

Corrective Action #4: As indicated in the inspection report, the City demonstrated implementation of Required Action #4 in its March 3, 2011 email.

Required Action #5: The City must implement and maintain appropriate BMPs to minimize the drag out of dirt and mud from the unpaved area to the paved area. These BMPs must also be incorporated into the City's Stormwater Pollution Prevention Plan (SWPPP).

Corrective Action #5: The City has long recognized the potential for drag out of mud, dirt and debris from the unpaved rear portion of the site to the paved area and appropriate Best Management Practices have been implemented and maintained for many years to minimize the potential for stormwater pollution at this particular location of the yard. These BMPs have been formalized with a complete new section in the SWPPP titled, "5.2.7 Vehicle and Equipment Access from Rear Portion of Yard." This section includes active BMPs as well as additional BMPs that could be implemented should any issues develop with drag out onto the paved surface.

Required Action #6: The City must clean up the trash littered throughout the back, unpaved area of the Corporation Yard/Maintenance Facility.

Corrective Action #6: As indicated in the inspection report, the City demonstrated implementation of Required Action #6 in its March 3, 2011 email.

Required Action #7: The City must properly dispose of the asphalt grindings.

Corrective Action #7: As indicated in the inspection report, the City demonstrated implementation of Required Action #7 in its March 3, 2011 email.

Required Action #8: The City must update the facility map in its SWPPP to show the (a) two storm drain inlets in the unpaved area, (b) the BMPs used on those two storm drain inlets, (c) the shall concrete ditches that collect stormwater from the paved areas of the Corporation Yard/Maintenance Facility to the storm drain inlets on the streets, and (d) the direction of stormwater flow from the paved areas out to the street storm drains.

Corrective Action #8: The SWPPP Facility Site Map has been updated to show the two storm drain inlets in the unpaved area with a note indicating the BMPs used on those inlets (also see Required Action #13). The concrete drainage swales in the paved area of the yard are clearly shown in the areal photo of the yard incorporated into the Facility Site Map, with blue arrows indicating the direction of flow within

each concrete swale segment out to the street. The single storm drain inlet in the street that receives stormwater runoff from the yard is also shown on the Facility Site Map.

Required Action #9: The City must update the facility map in its SWPPP to show the location of all the spill response kits.

Corrective Action #9: The SWPPP Facility Site Map has been updated to show the locations of all spill response kits. There is a spill response kit in the booth at the fueling facility and there is a mobile spill response kit now stored in the equipment and vehicle maintenance shop.

Required Action #10: The City must keep records on when SWPPP trainings occur, topics discussed, and who on staff was trained. Records do not need to be submitted for this response. In a future inspection, Water Board staff will examine the records.

Corrective Action #10: The City's Maintenance Division will keep records on SWPPP trainings, including dates, topics, and staff in attendance.

Required Action #11: The City must keep records/inspection forms from its weekly inspections. Records do not need to be submitted for this response. In a future inspection, Water Board staff will examine the records.

Corrective Action #11: A revised weekly inspection form has been developed and is attached. The City's Maintenance Division will keep records of these weekly inspections.

Required Action #12: The City must develop and implement BMPs to minimize the amount of trash that gets blown outside of the temporary trash storage area. These BMPs must be incorporated into the City's SWPPP.

Corrective Action #12: Best Management Practices that deal more specifically with controlling migration of trash out of the temporary storage area have been added to the SWPPP under section 5.2.5. This includes increasing monitoring and pick-up of any loose debris to at least twice per day, daily removal of all trash in the storage area to waste containers, placement of any loose trash into trash bags, and installation and maintenance of construction fencing downwind (of the prevailing wind direction) to control any trash that does get loose and there is additional 6-foot chain link fencing beyond that. The two storm drain inlets in this vicinity are equipped with filter fabric and fiber rolls to prevent any trash from entering the storm drain system from the yard.

Required Action #13: The City must incorporate (filter fabric and fiber roll) BMPs into the City's SWPPP, along with BMPs for their maintenance.

Corrective Action #13: Section 5.2.5, Item 8 of the SWPPP addresses the installation and maintenance of filter fabric and fiber rolls as primary BMPs for storm drain inlet protection in the rear of the Corporation Yard.

All Corrective Actions have been implemented in accordance with the revised SWPPP. The SWPPP is enclosed with a revised Facility Site Map and a revised Weekly Inspection Form. If you have any questions or concerns regarding these documents, please contact me directly at (510)578-4286 or soren.fajeau@newark.org.

A handwritten signature in black ink, appearing to read 'Soren Fajeau', written over a horizontal line.

SOREN FAJEAU, P.E.
Senior Civil Engineer

Enclosures



**CITY OF NEWARK
SITE SPECIFIC STORMWATER POLLUTION PREVENTION PLAN
FOR CORPORATION YARD/MAINTENANCE FACILITY
37440 FILBERT STREET**

1.0 Introduction

The San Francisco Bay Regional Water Quality Control Board adopted a municipal regional stormwater permit (MRP) on October 14, 2009, and the MRP became effective on December 1, 2009. One of the requirements of the MRP is for municipalities to implement the Corporation Yard BMP Implementation section of the permit (Provision C.2.f). These requirements are summarized as follows:

“prepare, implement, and maintain a site specific Stormwater Pollution Prevention Plan (SWPPP) for corporation yards, including municipal vehicle maintenance, heavy equipment and maintenance vehicle parking areas, and material storage facilities to comply with water quality standards. Each SWPPP shall incorporate all applicable BMPs that are described in the California Stormwater Quality Association’s Handbook for Municipal Operations and the Caltrans Storm Water Quality Handbook Maintenance Staff Guide, May 2003, and its addenda, as appropriate.”

In addition, municipalities are required to:

“(1) Implement BMPs to minimize pollutant discharges in stormwater and prohibit non-stormwater discharges, such as wash waters and street sweeper, vector, and other related equipment cleaning wash water. Pollution control actions shall include, but not be limited to, good housekeeping practices, material and waste storage control, and vehicle leak and spill control.

(2) Routinely inspect corporation yards to ensure that no non-stormwater discharges are entering the storm drain system and, during storms, pollutant discharges are prevented to the maximum extent practicable. At a minimum, an inspection shall occur before the start of the rainy season.”

2.0 Related Pollution Prevention Plans

In addition to this SWPPP, there is an additional existing plan that describes pollution prevention activities at the corporation yard facility. A spill response procedure and an inventory of the hazardous materials stored at this facility are described in the facility’s Hazardous Materials Business Plan (AB 2185 Business Plan).

This site specific SWPPP was developed by considering the facility's Hazardous Materials Business Plan, specific activities conducted at the corporation yard, the MRP's requirements including all applicable and appropriate BMPs described in the California Stormwater Quality Association's Handbook for Municipal Operations (2003) and Caltrans' Storm Water Quality Handbook Maintenance Staff Guide (2003), and comments from the Regional Water Quality Control Board following a review of the SWPPP document.

3.0 Facility Description

The corporation yard is located at 37440 Filbert Street and comprises approximately 6 acres. The following activities are conducted at the corporation yard:

1. Vehicle and equipment washing;
2. Vehicle and equipment maintenance and repair;
3. Fuel dispensing;
4. Municipal vehicle, heavy equipment, and employee parking;
5. Waste and recycling storage; and
6. Outdoor materials storage.

The City uses appropriate BMPs to minimize the potential contribution of pollutants to stormwater and to prevent the possibility of creating a nonstormwater discharge disallowed by the MRP.

The Facility Site Map (Figure 1) depicts the corporation yard and provides the following information:

- Boundaries of the corporation yard
- Footprint of all buildings, structures, and paved areas including parking lots
- Location of activities that could potentially contribute pollutants to stormwater or cause a nonstormwater discharge
- Stormwater collection and conveyance system including the storm drain inlets at the facility and the off-site storm drain inlet on Filbert Street, all concrete drainage swales on the site, and directional indicators of all stormwater flow
- Locations of spill response kits located at the yard.
- Locations of any BMPs that prevent stormwater pollution, treat stormwater runoff, or recycle washwaters for discharge to the sanitary sewer.

4.0 Corporation Yard Pollution Prevention Team

The stormwater pollution prevention team responsible for assisting the corporation yard's management to implement, maintain, provide training, and update this site-specific SWPPP and conduct corporation yard inspections consists of the following individuals:

Robert Costa, Maintenance Superintendent
Corporation Yard Manager

Robert McKinney, Maintenance Supervisor –Fleet & Buildings
Vehicle Maintenance Facility Manager

Robert Costa, Maintenance Superintendent
Corporation Yard SWPPP Lead

Jim Rothman, Senior Equipment Mechanic
Corporation Yard BMP Inspector

Robert Costa, Maintenance Superintendent
Corporation Yard BMP Trainer

5.0 Corporation Yard BMPs

The following sections describe general BMPs and activity specific BMPs that are used at the corporation yard to minimize the discharge of pollutants in stormwater to the maximum extent practicable and to effectively prohibit non-stormwater discharges that are disallowed by the MRP.

5.1 General Good Housekeeping BMPs

Good housekeeping, such as maintaining a clean and orderly facility, is practiced at the corporation yard in order to minimize the risk of contributing litter and other pollutants to stormwater. In addition, pollution prevention practices are used at the corporation yard to prevent pollutants from coming in contact with stormwater runoff. Examples of good housekeeping and pollution prevention practices employed include the following BMPs:

- A clean and orderly corporation yard is maintained.
- Materials that have the potential to discharge pollutants to stormwater are covered prior to predicted rains and during rainfall events if these materials cannot be stored permanently under a roofed or covered area.
- Container lids are closed when not in use.
- A sufficient number of covered litter receptacles are provided at the corporation yard and they are cleaned out frequently enough to prevent overflow and spillage.
- Materials and wastes that may be spilled or mobilized by stormwater are stored as far away from storm drain inlets as practical.
- Vehicles and equipment are maintained to minimize drips and leakage.
- Drip pans or absorbent pads are used under leaking vehicles and equipment to capture fluids.
- Spill clean up occurs promptly.
- Spill containment kits are stored in locations that have the potential for spills.
- Washwaters and other non-stormwater discharges disallowed by the MRP are prevented from being discharged to the storm drain system.
- Maintenance staff who work at the corporation yard have been trained on the use of these general good housekeeping BMPs.
- The corporation yard is inspected weekly to make sure BMPs are being appropriately used.

5.2 Activity Specific BMPs

The following BMPs or their equivalent are implemented at the city's corporation yard in order to comply with the MRP's requirements.

5.2.1 Vehicle and Equipment Washing

The following vehicle and equipment washing BMPs are used at the corporation yard.

1. There is an outdoor equipment washing area that has the following characteristics: The area is paved and surrounded by berms or graded to prevent washwaters from flowing off and stormwater from adjoining areas from flowing onto the wash area. The wash area is sloped for washwater collection. Washwaters drain to a dead-end sump or to an oil-water separator and the sanitary sewer.
2. The wash area is adequately sized to minimize drag-out from washed vehicle so that there is no flow to storm drain inlets and to allow the washing of large vehicles entirely within the wash area containment system.
3. The rocked surface between the wash pad and front paved area is evaluated on a regular basis for an appropriate level of thickness to ensure mud and dirt do not accumulate during wet weather conditions.
4. All vehicle washing systems are maintained and cleaned out on a regular schedule.
5. A trash container is provided in or nearby the wash area.
6. Staff responsible for washing vehicles and equipment have been trained on proper cleaning and wash water disposal procedures and refresher training occurs on a regular basis.

5.2.2 Vehicle and Equipment Maintenance and Repair

The BMPs listed in this section are used to prevent or reduce the discharge of pollutants to stormwater from vehicle and equipment maintenance and repair activities.

1. Vehicle and equipment maintenance and repair activities are conducted indoors whenever feasible.
2. Maintenance activity areas are kept clean, well organized, and equipped with clean up supplies.
3. Vehicles and equipment are maintained to minimize drips and leakage.
4. Used fluids are promptly transferred to the proper waste or recycling drums/containers. Drain and drip pans or open containers are not left lying around.
5. Dry clean up methods, such as sweeping, vacuuming, and/or a damp mop, are used. Vehicle equipment and maintenance and repair areas are never hosed down unless all of the washwater is collected and disposed to the sanitary sewer.
6. The vehicle and equipment maintenance and repair area is swept at least weekly.
7. Drip pans are used under leaky vehicles and equipment, and absorbent pads and materials are used as appropriate.
8. A mobile spill containment kit is kept readily accessible and is easily identifiable in the vehicle and equipment maintenance shop. Location is identified on the SWPPP Facility Site Map (Figure 1).
9. Used absorbent material from cleaning small spills is promptly and properly removed.
10. All fluids from wrecked vehicles are drained immediately using a drain or drip pan that is adequately sized.

11. Outdoor vehicle and equipment maintenance are not performed during rain events unless required by emergency conditions.
12. If temporary work must be conducted outdoors, a tarp, ground cloth, or drip pan is placed under the vehicle or equipment to capture spills and drips.
13. Staff responsible for vehicle and equipment maintenance and repair has been trained on the use of these BMPs and refresher training occurs on a regular basis.

5.2.3 Fuel Dispensing

Vehicle and equipment fueling procedures and BMPs are used to minimize or eliminate the discharge of spilled or leaked fuel to stormwater.

1. Signs are posted to remind employees not to top of the fuel tank.
2. The fuel dispensing area is kept clean using dry cleanup methods, such as sweeping or vacuuming to remove litter and debris and rags or absorbents to spot clean leaks and drips.
3. Spill containment kits are kept readily accessible in the fueling area. Signs are posted in the booth of the fueling area to clearly identify the location of the fuel dispensing kits. Location is also identified on the SWPPP Facility Site Map (Figure 1).
4. A current spill response plan is maintained for fueling operations.
5. The fueling area is inspected daily during use and any deficiencies found are corrected.
6. Staff responsible for fueling has been trained on the use of these BMPs and the SPCC Plan. Refresher training occurs on a regular basis.

5.2.4 Municipal Vehicle, Heavy Equipment, and Employee Parking

The following BMPs for municipal and employee parking areas are used to control potential stormwater pollutants, such as litter and oil from leaking vehicles.

1. Parking lots and all paved areas are kept clean and orderly. Litter and debris are removed in a timely fashion.
2. When surface cleaning is needed, BASMAA's¹ "Pollution from Surface Cleaning" BMPs are used.
3. Parking lots and all paved surfaces are evaluated daily and, when necessary, swept using a street sweeper to remove any drag-on mud, silt, or debris.
4. Paving and other equipment that have the potential to drip have drip pans or absorbent materials placed under the equipment to contain any leaks or spills.
5. Heavy equipment is inspected for leaks during each work day and repairs are made as soon as possible.
6. Drip pans or absorbent material are used under leaking vehicles and equipment to capture fluids until repairs can be made.
7. Parking lots are inspected at least weekly to assure compliance with these BMPs.
8. Staff who park municipal vehicles, heavy equipment, and private vehicles at the corporation yard have been trained on the use of these BMPs.

¹ Bay Area Stormwater Management Agencies Association.
<http://www.basmaa.org/Portals/0/documents/pdf/Pollution%20from%20Surface%20Cleaning.pdf>

5.2.5 Waste and Recycling Storage

The following waste handling and storage BMPs are used to prevent wastes and recyclables from contributing pollutants to stormwater or causing a non-stormwater discharge disallowed by the MRP.

1. Waste collection and recycling areas are kept clean and organized.
2. The temporary trash storage area is utilized daily by various personnel and emptied at the end of each work day. The rear yard area in the vicinity of the temporary storage area is evaluated at least twice per day, once before noon and once at the end of the day, to ensure that trash has not migrated from the temporary storage area. This evaluation is typically done by personnel dropping off trash in the temporary storage area and by the crew member responsible for loading the trash container with trash from the temporary storage area at the end of the day. Any migrated trash gets picked up by staff. The Corporation Yard Manager is requiring the minimum twice daily evaluation of trash and debris.
3. To further minimize the amount of trash blown outside of the temporary trash area, trash that can potentially be moved by the wind is contained within trash bags to the extent possible and secured within the fenced storage area.
4. Construction fencing has been placed to the southeast of the temporary trash storage area (downwind from the prevailing wind directions) to help capture any trash that may have migrated out of the storage area.
5. Dumpster and waste recycling areas are inspected, swept, and picked up daily during work days.
6. Hazardous wastes are stored in compliance with hazardous waste regulations including the use of appropriate containers constructed of compatible materials with the lids securely closed when not in use.
7. An ample supply of appropriate spill cleanup materials is located near waste storage areas.
8. In the event of a spill, dry clean up methods are used.
9. Two storm drain inlets are located along the southeastern property line in the rear yard area. Due to the pervious surface conditions of the rear yard, these inlets received little to no stormwater runoff. However, the inlets are equipped with fiber rolls and filter fabric to prevent the discharge of any blown trash or other loose debris into the storm drain system, as well as any silt-laden stormwater runoff. The inlet protection at these locations is evaluated at least twice annually to assure that the protective material is in good condition and serving its purpose.
10. Complete facility inspections are completed on a weekly basis and reports are maintained by the Maintenance Division.
11. Staff responsible for waste storage has been trained on the use of these BMPs, and refresher training occurs on a regular basis.

5.2.6 Outdoor Material Storage

The BMPs listed below are used to control pollutants from the outdoor storage of raw material at the corporation yard.

1. To the extent feasible most raw materials are stored inside.
2. Fluids are stored within secondary containment to prevent accidental release.
3. Caution and control are used when transferring liquids to minimize potential spills.

4. Container lids, caps, and openings are kept closed when not in use.
5. Containers are kept out of pooled or standing water, and storage areas are kept clean.
6. Storage area pavements have sufficient slope to avoid pooling of water in areas where materials, such as compost and wood chips, may leach pollutants into stormwater.
7. Tanks are surrounded by berms that provide secondary containment.
8. Regular inspections of storage areas are conducted to detect leaks and spills.
9. Spill containment kits are kept in outdoor material storage areas.
10. Staff responsible for raw material storage and handling outdoors has been trained on the use of these BMPs including spill clean up procedures, and refresher training occurs on a regular basis.

5.2.7 Vehicle and Equipment Access from Rear Portion of Yard

The rear (eastern) portion of the corporation yard is generally unpaved and consists primarily of rock or asphalt concrete grindings and some areas are bare earth. As result, stormwater is contained in this area and infiltrates into the ground. There is little to no stormwater runoff from the rear yard area that enters the storm drain inlets along the southeastern property line or the paved surface on the front (western) side of the property. However, because the surface is unpaved, the possibility exists for drag out of dirt and mud on vehicles and equipment entering the paved surface from the unpaved area. The BMPs listed below have been in place for many years and are used to minimize the potential for non-stormwater contamination due to vehicle and equipment access from the rear portion of the yard.

1. Access to the rear yard is kept to a minimum and occurs only as necessary for waste and recycling drop-off and pick-up, materials storage, vehicle washing, and access to heavy equipment. Access is further minimized during wet weather conditions and any muddy areas that do develop are avoided, to the extent possible.
2. All personnel with access to the rear yard are trained to inspect vehicles for potential drag-out of dirt and mud. If vehicles or equipment have dirty tires or a dirty undercarriage, they are to be cleaned before entering the paved surface. The vehicle and equipment wash pad (with a sanitary sewer connection) is nearby and available for use.
3. The surface between the primary rear yard access point and the wash pad is inspected regularly to ensure that an adequate level of rock and/or asphalt grindings is maintained. This provides a substantial buffer between any mud or dirt and the paved area and allows for cleaned vehicles to remain clean between the wash pad and paved area during wet weather conditions.
4. The easternmost portion of the paved surface at the rear yard entrance is sloped to drain to the east (back to the rear yard). There is therefore no surface drainage to the paved surface or concrete swales from the rear yard area. If there is any tracked material, it is generally contained in this area and easily cleaned by the street sweeper or other methods.
5. The City's street sweeper is stored at the corporation yard and operates nearly every business day. On a daily basis, the paved area of the yard is inspected by the street sweeper operator and if any material is tracked onto the paved surface, it is immediately cleaned. Additional personnel, including the Corporation Yard Manager, the Vehicle Maintenance and Facilities Manager, and the Corporation Yard BMP Inspector, are all located at the site and are constantly monitoring the paved area for any tracked mud or dirt. These managers can contact the street sweeper immediately for any necessary

pavement clean-up. All other personnel have been trained to immediately report any tracked material onto the paved surface.

6. Management staff will monitor continued implementation of these BMPs. If any problematic conditions develop related to rear yard access, additional BMPs will be considered, including the following:
 - Placement of signage to remind employees and any other visitors of the need to check and, if necessary, clean vehicle prior to entering the paved surface.
 - Placement of vehicle rumble strips as a reminder and to remove heavy mud and dirt from vehicles.
 - Additional placement of rock and grindings to areas causing any drag off problems.
 - Placement of additional pavement, in lieu of rock or grindings, between the wash pad and existing paved surface.
7. All staff with access to the rear portion of the corporation yard by vehicle or on other equipment have been trained on the use of these BMPs and refresher training occurs on a regular basis.

5.3 Staff Training and Inspections for Activity Specific BMPs

The above activity specific Best Management Practices require a level of continuous training and ongoing inspection in order to ensure that all Best Management Practices are properly implemented. As part of the City's corporation yard SWPPP, the Maintenance Division keeps records regarding SWPPP training sessions, including dates, topics covered, and staff in attendance. In addition to the daily site evaluations discussed above, weekly inspection reports (Figure 2) are completed by Maintenance Division staff to provide a formal evaluation of all SWPPP BMPs. A revised inspection form is attached. Site inspection reports are also completed on at least an annual basis by staff outside of the Engineering Division for Stormwater Program compliance.



Newark Service Center
 37440 Filbert Street
 Newark, CA 94560
 (510) 578-4806

Week of: _____, 20__

Inspection By: _____

**CITY OF NEWARK SERVICE CENTER (CORPORATION YARD)
 WEEKLY SWPPP INSPECTION FORM**

Purpose: This weekly inspection form shall be utilized to ensure ongoing implementation and maintenance of the Activity Specific Best Management Practices (BMPs) associated with the City of Newark’s Corporation Yard Stormwater Pollution Prevention Plan (SWPPP).

Instructions: Provide confirmation of implementation and effectiveness of the required BMPs in accordance with the SWPPP. List any necessary follow-up actions or problems noted in the comments area. If there were any observed non-stormwater discharge or any concern about a potential non-stormwater discharge describe in detail and notify the Corporation Yard Manager and Stormwater Program Manager immediately.

Rate the BMP effectiveness based on the following scale: 0 = BMP is implemented and effective,
 1 = BMP is fairly/almost effective, 2 = BMP is not effective, 3 = BMP not implemented .

SWPPP Activity Specific Best Management Practices	BMP Rating	Initial
5.2.1 Vehicle/equipment wash pad is clean, fully equipped, and in proper working order		
5.2.2 Vehicle/equipment maintenance area is clean (i.e. no evidence of fluid spills/leaks)		
Proper containment procedures were employed for any outdoor maintenance activity		
Fluids from any wrecked vehicles have been properly drained or otherwise contained		
The mobile spill containment kit is fully stocked and readily accessible		
5.2.3 The fuel dispensing pumps are in proper working order		
There is no evidence of fuel spills or reports of any spills over the course of the week		
The spill containment kit located in the booth is fully stocked and readily accessible		
5.2.4 All parking lots and paved areas are clean, free of fluid leaks, dirt, mud, and debris		
Any evidence of fluid leaks/spills has been investigated and appropriate actions taken		
5.2.5 Waste collection and recycling areas are clean and well organized		
Temporary trash storage pad and surrounding area is clear of any loose trash/debris		
Drainage swale is clear of any trash and storm drain inlet protection is in good condition		
5.2.6 For all Outdoor material storage areas, there is no evidence of any leaks or spills		
Any small containers temporarily stored outside are properly sealed and contained		
There is no evidence of migrating gravel, sand, mulch or other bulk materials		
Spill containment kits for outdoor material storage areas are equipped and accessible		
5.2.7 There is no evidence of mud, dirt, or debris being tracked from rear yard to paved area		
The surface between the paved area and wash pad has adequate thickness		
The street sweeper is in good working order and available upon notice		

Comments. Note: For any BMP ratings other than “0” provide additional comments on corrective actions taken or pending and any follow-up actions from prior inspections (attach additional comments as necessary).

Inspected by: _____ (Signature) _____ (Date) Reviewed by: _____ (Signature) _____ (Date)

Attachment 2

City of Newark

Industrial and Commercial Business Inspection Plan (C.4)

PRIORITY COMMERCIAL AND INDUSTRIAL INSPECTIONS

HIGH (INSPECTED ANNUALLY)
NOI
NPDES
CERTIFIED USED OIL COLLECTION CENTER
UNDERGROUND SERVICE TANK FACILITIES

MEDIUM (INSPECTED EVERY 2-3 YEARS)
FOOD SERVICE/RESTAURANT
SCHOOLS
GENERAL INDUSTRIAL
AUTOMOTIVE RELATED
CONSTRUCTION
DRY CLEANERS
DENTAL
TRANSPORTATION AND CORPORATION YARDS
EQUIPMENT RENTAL
CABINET SHOPS
PHOTO SHOPS
PRINTING
MACHINE SHOPS
MISCELLANEOUS MANUFACTURING
HOTELS
MISCELLANEOUS

NOI SITES

Western Pacific Pulp & Paper
Newark Unified School District (Corp Yard)
Pabco Gypsum
Oak Harbor Freight Lines, Inc.
Full Bloom
Dow Corning
Advanced Anodize, Inc.
Evergreen Oil, Inc.
D&H Manufacturing
Gallade Chemical
Cargill
Pozas Bros.
Ferma
BASF
Pick N Pull
Pape
Five Star Lumber Company
Milprint Packaging LLC
Oatey Corp
Trench Plate Rental Co.
Matheson Tri Gas
Serious Materials
Sanmina
AMCOR
Daystar Technologies Inc.
FMR Baron Blakeslee Facility

NPDES SITES

Morton Salt
Alameda County Desalination Facility

UNDERGROUND SERVICE TANK SITES

A&S Enterprise
BlueLinx
Chevron Stevenson
Ferma Corporation
Jarvis Shell Gas Station
Lido 76
Lido Faire Chevron
Morton Salt
Newark Chevron Station
Newark Unified School District Corp Yard
Newark Union 76
Oak Harbor
Oatey Corp

Thornton Shell Gas
Valero

CERTIFIED USED OIL CENTERS

Jiffy Lube Jarvis
Jiffy Lube Cedar
Goodyear Tires

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Anderson Mobile Diesel Service	7820	Enterprise Dr. Unit C	Auto Gas/Fueling Stations
Jarvis Shell	6005	Jarvis Ave.	Auto Gas/Fueling Stations
Lido Faire Chevron Station	6104	Jarvis Ave.	Auto Gas/Fueling Stations
Newark Union 76	5799	Mowry Ave.	Auto Gas/Fueling Stations
Lido 76	35425	Newark Blvd.	Auto Gas/Fueling Stations
Chevron Stevenson	5895	Stevenson Blvd.	Auto Gas/Fueling Stations
Thornton Shell Station	5489	Thornton Ave.	Auto Gas/Fueling Stations
Newark Chevron Station	5502	Thornton Ave.	Auto Gas/Fueling Stations
Chevron (Treatment System)	5504	Thornton Ave.	Auto Gas/Fueling Stations
Valero	5835	Thornton Ave.	Auto Gas/Fueling Stations
USA Petroleum	6788	Thornton Ave.	Auto Gas/Fueling Stations
A & S Enterprise	7275	Thornton Ave.	Auto Gas/Fueling Stations
Trucky Fleet Services	36964	Ash St.	Auto Repair and Service
Elite Auto Repair	37900	Cedar Ave. Unit D & E	Auto Repair and Service
Golden State Auto Body	37950	Cedar Blvd.	Auto Repair and Service
Bay Area Body Shop	38472	Cedar Blvd.	Auto Repair and Service
Jiffy Lube #1166	39197	Cedar Blvd.	Auto Repair and Service
Amarals Muffler	37900	Cedar Blvd. Unit A	Auto Repair and Service
Bay City Auto Body	37460	Cedar Blvd. Unit D	Auto Repair and Service
Bakhter Autobody	37640	Cedar Blvd. Unit D	Auto Repair and Service
City Auto Repair	37900	Cedar Blvd. Unit D	Auto Repair and Service
Precision Smog & Service	37900	Cedar Blvd. Unit I	Auto Repair and Service
Kenco Automotive	37640	Cedar Blvd. Units A B & C	Auto Repair and Service
Corvette City	37640	Cedar Blvd. Units E F G	Auto Repair and Service
R&M Automotive Plus	37900	Cedar Blvd., Unit E	Auto Repair and Service
ACC Automobile Collision Center	6565	Central Ave.	Auto Repair and Service
K C Auto	6995	Central Ave.	Auto Repair and Service
DPS Auto Repair	5588	Central Ave. Units G & H	Auto Repair and Service
Evergreen Oil Maintenance Facility	38201	Cherry St.	Auto Repair and Service
Thomas Maintenance & Repair	38811	Cherry St.	Auto Repair and Service
DeMello Truck Body & Tractor Repair	6750	Clark Ave.	Auto Repair and Service
Synergy Motorsports	37530	Enterprise Ct. Unit 5	Auto Repair and Service
Mack Jacobson	37580	Enterprise Ct. Unit B	Auto Repair and Service
Preferred Auto Body	7725	Enterprise Dr.	Auto Repair and Service
Calteck Auto Collision	7777	Enterprise Dr.	Auto Repair and Service
Janssens Place Auto Body	7855	Enterprise Dr.	Auto Repair and Service
Bay Area Bumpers Storage	7921	Enterprise Dr. Unit C	Auto Repair and Service
Pio Pro Auto Body	7845	Enterprise Dr. Unit A	Auto Repair and Service
High Tech Complete Auto Repair	7845	Enterprise Dr. Unit D	Auto Repair and Service
United Auto Bodywork	37366	Filbert St.	Auto Repair and Service
Goodyear Tire	6110	Jarvis Ave.	Auto Repair and Service
Jiffy Lube	6305	Jarvis Ave.	Auto Repair and Service
Big O Tires	35255	Newark Blvd.	Auto Repair and Service

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Wheelworks	35382	Newark Blvd.	Auto Repair and Service
Sears Auto Center #1698	100	NewPark Mall	Auto Repair and Service
Olive Auto Repair	37049	Olive St.	Auto Repair and Service
D & D Equipment	37651	Sycamore St.	Auto Repair and Service
Lopez Auto Clinic	37444	Sycamore St. Unit 15	Auto Repair and Service
L & D Auto	37444	Sycamore St. Unit 22	Auto Repair and Service
Automotive Service & Repair	6714	Thornton Ave.	Auto Repair and Service
Lopez Auto Repair	7275	Thornton Ave.	Auto Repair and Service
Newark Collision Center	7609	Thornton Ave.	Auto Repair and Service
Elite Collision Repair	7609	Thornton Ave.	Auto Repair and Service
Padillas Auto Body	37643	Timber St. Units C & M	Auto Repair and Service
FM Tire Service	36964	Ash St.	Automotive Miscellaneous
Don Signer Buick Cadillac	39639	Balentine Dr.	Automotive Miscellaneous
Winn Volkswagen	39695	Balentine Dr.	Automotive Miscellaneous
Fremont Nissan	39700	Balentine Dr.	Automotive Miscellaneous
Fremont Ford Mazda Lincoln Mercury	39700	Balentine Dr.	Automotive Miscellaneous
Saturn of Fremont	39797	Balentine Dr.	Automotive Miscellaneous
Fremont Pontiac Oldsmobile	39800	Balentine Dr.	Automotive Miscellaneous
Goodyear / Stevenson Tire	39165	Cedar Blvd.	Automotive Miscellaneous
California Camper Repair	38456	Cedar Blvd. Unit A	Automotive Miscellaneous
Hometown Auto Repair	38592	Cedar Blvd. Unit A	Automotive Miscellaneous
Napa Auto Parts	37300	Cedar Blvd. Unit E	Automotive Miscellaneous
Newark Smog Check Center	37900	Cedar Blvd. Unit F	Automotive Miscellaneous
Tri-City Auto Broker	37900	Cedar Blvd. Unit G	Automotive Miscellaneous
Vision Auto Collision Center	37640	Cedar Blvd. Units I & J	Automotive Miscellaneous
D Hill Trucking	6756	Central Ave. Unit B	Automotive Miscellaneous
Jay Auto Repair & Radiator Place	5588	Central Ave. Unit G	Automotive Miscellaneous
Transport Truck Stop	37853	Cherry St.	Automotive Miscellaneous
Daves Engine Machining	37530	Enterprise Ct. Unit 4	Automotive Miscellaneous
MXR Motors	37569	Enterprise Ct. Units A & G	Automotive Miscellaneous
Bay Area Bumper Services	7887	Enterprise Dr.	Automotive Miscellaneous
Classic Graphics Bldg. A	7969	Enterprise Dr.	Automotive Miscellaneous
Pio Pro Auto Body	8145	Enterprise Dr.	Automotive Miscellaneous
Total Restoration	7820	Enterprise Dr. Unit A	Automotive Miscellaneous
Tri-City Truck Parts & Equip.	37310	Filbert St.	Automotive Miscellaneous
West Coast Truck	37360	Filbert St.	Automotive Miscellaneous
Worldpac	37137	Hickory St.	Automotive Miscellaneous
Superior Nissan	5633	John Muir Dr.	Automotive Miscellaneous
Bridgestone / Firestone	5795	Mowry Ave.	Automotive Miscellaneous
Able Auto Wrecker	7400	Mowry Ave.	Automotive Miscellaneous
Pick-N-Pull Dismantler	7400	Mowry Ave.	Automotive Miscellaneous
Pick-N-Pull Full Service	7550	Mowry Ave.	Automotive Miscellaneous
Ace Auto Wrecker	7580	Mowry Ave.	Automotive Miscellaneous
Kragen Auto Parts	35382	Newark Blvd.	Automotive Miscellaneous
Tires Plus Inc. DBA Wheel Works	35382	Newark Blvd. Unit A	Automotive Miscellaneous
Enterprise Rent-A-Car	5920	NewPark Mall	Automotive Miscellaneous
California Tires	37444	Sycamore St. Unit 1	Automotive Miscellaneous

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Car Wash / Detail	7541	Thornton Ave.	Automotive Miscellaneous
Don Valley Auto Sales	37955	Timber St. Unit C	Automotive Miscellaneous
Oasis Auto Sales	37955	Timber St. Unit E	Automotive Miscellaneous
The Air Shop	37643	Timber St. Unit F	Automotive Miscellaneous
Good Wheels Auto Sales	37955	Timber St. Unit F	Automotive Miscellaneous
Ariana Auto Service	37643	Timber St. Unit G H J	Automotive Miscellaneous
Crystal Auto Paint	37643	Timber St. Unit I	Automotive Miscellaneous
Cadillac Heaven	37643	Timber St. Unit L	Automotive Miscellaneous
Mr. Auto Sales & Repair	37643	Timber St. Unit P	Automotive Miscellaneous
European Auto Wreckers	7324	Wells Ave.	Automotive Miscellaneous
Viviano Trucking	8175	Wells Ave.	Automotive Miscellaneous
Maciel Trucking (Body Shop)	7373	Wells Ave. Unit A	Automotive Miscellaneous
Al-Con Concrete	38288	Cedar Blvd.	Construction/Contractor
Fremont Paving	38370	Cedar Blvd.	Construction/Contractor
Spraymate	37330	Cedar Blvd. Unit C	Construction/Contractor
Baker Construction	37310	Cedar Blvd. Unit F	Construction/Contractor
Trench Plate Rental	6711	Central Ave.	Construction/Contractor
Hydrochem Construction Service	5423	Central Ave. #13	Construction/Contractor
Tenant Interiors	6756	Central Ave. Unit E	Construction/Contractor
Dun Rite Excavating	38201	Cherry St. Unit E	Construction/Contractor
Custom Craft Cabinets	37533	Enterprise Ct. Units A & B	Construction/Contractor
Peterson Dean Roofing	7910	Enterprise Dr.	Construction/Contractor
Peterson Dean Roofing	7980	Enterprise Dr.	Construction/Contractor
Als Roofing Supply	8075	Enterprise Dr.	Construction/Contractor
Reinhardt Roofing	8250	Enterprise Dr.	Construction/Contractor
Silvas Cabinet Shop	7845	Enterprise Dr. Unit B	Construction/Contractor
Avar Construction	6640	Redeker Pl.	Construction/Contractor
Pacific Supply	6565	Smith Ave.	Construction/Contractor
JS Cole / Ferma Corporation	6655	Smith Ave.	Construction/Contractor
Als Custom Finishing	37537	Sycamore St. Unit B	Construction/Contractor
Joe Machado Construction	8040	Wells Ave. Unit A	Construction/Contractor
Newark Lumber/Fremont Fence	8040	Wells Ave. Unit B	Construction/Contractor
Columbia Dental	39111	Cedar Blvd.	Dental Offices
Cedar Dental Care	39275	Cedar Blvd.	Dental Offices
Dr. Sales Dental Office	6189	Jarvis Ave.	Dental Offices
Dr. Alan Cheung Group	6283	Jarvis Ave.	Dental Offices
Newark Place Dental	6180	Jarvis Ave. Units H J & K	Dental Offices
Shirley H. Bien Family Dentistry	6094	Mowry Ave.	Dental Offices
Lourdes Ramirez-Beltran DMD	6094	Mowry Ave.	Dental Offices
Artistic Dental Associates	5866	Mowry School Rd.	Dental Offices
Dr. Justiniano DDS	34900	Newark Blvd.	Dental Offices
Rosemont Family Dental Care	35092	Newark Blvd.	Dental Offices
Rosemont Family Dental Care	35124	Newark Blvd.	Dental Offices

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Family Dental Care	36612	Newark Blvd.	Dental Offices
All Smile Dental Care	37070	Newark Blvd. Unit A	Dental Offices
Keith Young DDS	37070	Newark Blvd. Unit C	Dental Offices
Pacific Bay Dental Care	35201	Newark Blvd. Unit E	Dental Offices
Dental Fitness / Fast Track Dental	37070	Newark Blvd. Unit E	Dental Offices
Newark Dental Group	1003	NewPark Mall	Dental Offices
Tan Dental	5270	NewPark Mall	Dental Offices
Andrew Wong DDS	3900	NewPark Mall Unit 204	Dental Offices
Helen T. Dolatre Confident Care	5944	Newpark Mall Unit B	Dental Offices
Dr. Ana Liza's Dental Office	5747	Stevenson Blvd.	Dental Offices
Duane Edmunds DDS	5910	Thornton Ave. Unit B	Dental Offices
Gary M. Nunes DMD	5910	Thornton Ave. Unit D	Dental Offices
J C Cleaners	39253	Cedar Blvd.	Dry Cleaners
Royal Cleaners	5865	Jarvis Ave.	Dry Cleaners
Dry Clean USA	6180	Jarvis Ave.	Dry Cleaners
Classic Cleaners	6180	Jarvis Ave. Unit Z	Dry Cleaners
Elite Cleaners	5766	Mowry School Rd.	Dry Cleaners
Dry Clean Zone	5766	Mowry School Rd.	Dry Cleaners
Sparkle One Hour Cleaners	35284	Newark Blvd.	Dry Cleaners
Villa Cleaners	36601	Newark Blvd. Unit 70	Dry Cleaners
Complete Cleaners	5532	Thornton Ave.	Dry Cleaners
Advanced Anodize	38200	Cedar Blvd.	Industrial
PAPE	38600	Cedar Blvd.	Industrial
Britech Electropolishing	6821	Central Ave.	Industrial
Kennison Metal Fabricating	8240	Enterprise Dr.	Industrial
West Hazmat Drilling Corp.	8261	Enterprise Dr.	Industrial
Tranax	39870	Eureka Dr.	Industrial
Coaster	6753	Mowry Ave.	Industrial
Evergreen Oil Inc.	6880	Smith Ave.	Industrial
Bioytic Lab Performance	5437	Central Ave. Unit 5	Laboratory
Insound Medical	39660	Eureka Dr.	Laboratory
Accuracy Machining	37390	Cedar Blvd. Unit A	Machine Shop
B & T Precision Machining	37310	Cedar Blvd. Units A & J	Machine Shop
Silicon Valley Manufacturing	6520	Central Ave.	Machine Shop
Bay Advanced Technologies	8100	Central Ave.	Machine Shop
Feral Productions	7300	Central Ave. Unit A	Machine Shop
Edwards Bay Area Grinding	6756	Central Ave. Unit D	Machine Shop
BHJ Products Inc.	37530	Enterprise Ct.	Machine Shop
CJ Machine	37533	Enterprise Ct. Unit F	Machine Shop
S & C Currie Machining	37580	Enterprise Ct. Units K, L, M	Machine Shop
Newark Radiator	37350	Filbert St.	Machine Shop
Bay Fabricated Materials (BFM)	8652	Thornton Ave.	Machine Shop
Niles Machine & Tool Works	37750	Timber St. Units C D E & F	Machine Shop
Johnson Enterprises	8077	Wells Ave. Unit 1	Machine Shop
Sanmina	8455	Cabot Ct.	Manufacturing
Bracho Marble	38100	Cedar Blvd.	Manufacturing

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Milprint Packaging LLC	6590	Central Ave.	Manufacturing
Tri-City Marble	6756	Central Ave.	Manufacturing
Arch Mirror West	6792	Central Ave.	Manufacturing
LTD Ceramics	7411	Central Ave. Unit 10	Manufacturing
M Systems	8371	Central Ave. Unit 100	Manufacturing
Earthtones Mulch	6756	Central Ave. Unit A	Manufacturing
RH Woods	6756	Central Ave. Unit A	Manufacturing
Setaram	8430	Central Ave. Units C & D	Manufacturing
Gordini's Garage	6995	Central Ave., Unit C	Manufacturing
California Brazing	37955	Central Ct. Units A-C	Manufacturing
PABCO Gypsum	37851	Cherry St.	Manufacturing
BASF Construction Chemicals Ops. Inc.	38403	Cherry St.	Manufacturing
Quality Plastic Industries	38995	Cherry St.	Manufacturing
Agilent Technologies	39201	Cherry St.	Manufacturing
Midland Manufacturing	38505	Cherry St. Unit F	Manufacturing
Peak International Inc.	38507	Cherry St. Unit G	Manufacturing
American Fiberglass	7820	Enterprise Dr.	Manufacturing
Norcal Wire Products	7921	Enterprise Dr. Unit D	Manufacturing
Swimoutlet.com	39630	Eureka Ave.	Manufacturing
Dow Corning	39714	Eureka Dr.	Manufacturing
GE Invision Inc.	7007	Gateway Blvd.	Manufacturing
GE Invision Inc.	7151	Gateway Blvd.	Manufacturing
Sun Microsystems 10	7777	Gateway Blvd. Bldg. 10	Manufacturing
Sun Microsystems 11	7777	Gateway Blvd. Bldg. 11	Manufacturing
Sun Microsystems 12	7777	Gateway Blvd. Bldg. 12	Manufacturing
Sun Microsystems 14	7777	Gateway Blvd. Bldg. 14	Manufacturing
Sun Microsystems 15	7788	Gateway Blvd. Bldg. 15	Manufacturing
Sun Microsystems 16	7777	Gateway Blvd. Bldg. 16	Manufacturing
Sun Microsystems 17	7777	Gateway Blvd. Bldg. 17	Manufacturing
Sun Microsystems 18	7788	Gateway Blvd. Bldg. 18	Manufacturing
Sun Microsystems 19	7788	Gateway Blvd. Bldg. 19	Manufacturing
Sun Microsystems 20	7788	Gateway Blvd. Bldg. 20	Manufacturing
Jackson Hewitt Tax Service	5837	Jarvis Ave.	Manufacturing
Morton Salt	7380	Morton Ave.	Manufacturing
Vacant	7401	Morton Ave. Unit A	Manufacturing
Prologis Fire Pump	6753	Mowry Ave	Manufacturing
VM Services Inc.	6701	Mowry Ave.	Manufacturing
VM Services Bldg 2	6737	Mowry Ave.	Manufacturing
Nancy's Specialty Food	6500	Overlake Dr.	Manufacturing
Full Bloom Baking Company	6500	Overlake Pl.	Manufacturing
AT&T Mobility	8700	Perrin Ave.	Manufacturing
Steeler Inc.	6851	Smith Ave.	Manufacturing
Crown Manufacturing Company Inc.	37625	Sycamore St.	Manufacturing
California Textile	37660	Timber St.	Manufacturing
J R Cabinet Maker	37643	Timber St. Units A & B	Manufacturing
CSAA	39600	Balentine Dr.	Miscellaneous
Newark Hilton	39900	Balentine Dr.	Miscellaneous
Sprint Nextel	39900	Balentine Dr.	Miscellaneous

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
EZ 8 Motel	5555	Cedar Blvd.	Miscellaneous
Woodfin Suites	35150	Cedar Blvd.	Miscellaneous
Satelite Senior Homes	35300	Cedar Blvd.	Miscellaneous
Property Management	37420	Cedar Blvd.	Miscellaneous
Overhead Door Company	38424	Cedar Blvd.	Miscellaneous
Homewood Suites	39270	Cedar Blvd.	Miscellaneous
Town Place Suites by Marriott	39802	Cedar Blvd.	Miscellaneous
Balentine Plaza Property Management	39956	Cedar Blvd.	Miscellaneous
Vacant 37300	37300	Cedar Blvd. Unit B	Miscellaneous
Total Women Fitness	37300	Cedar Blvd. Unit B	Miscellaneous
Bracho Marble	38456	Cedar Blvd. Unit B	Miscellaneous
Fremont Swim School	37400	Cedar Blvd. Unit C	Miscellaneous
Jazzercise	37310	Cedar Blvd. Unit I	Miscellaneous
M & M Cabinets	37400	Cedar Blvd. Units D & E	Miscellaneous
Motel 6	5600	Cedar Ct.	Miscellaneous
Comcast Cable	5526	Central Ave.	Miscellaneous
Second Chance	6519	Central Ave.	Miscellaneous
Fremont Bible Fellowship	6540	Central Ave.	Miscellaneous
Sprint Nextel 1036	6590	Central Ave.	Miscellaneous
Matheson Gas Products	6775	Central Ave.	Miscellaneous
Pacific Coast Warehouse	7025	Central Ave.	Miscellaneous
Corporate Express	7091	Central Ave.	Miscellaneous
Hercules U.S. Corporation	7095	Central Ave.	Miscellaneous
Cargill Salt	7220	Central Ave.	Miscellaneous
Vacant 8000	8000	Central Ave.	Miscellaneous
Payment Processing Inc.	8200	Central Ave.	Miscellaneous
IT Renew	8356	Central Ave.	Miscellaneous
Sprint Nextel 2316	8477	Central Ave.	Miscellaneous
Netplex	5423	Central Ave. Unit 11	Miscellaneous
Proficum Inc.	5423	Central Ave. Unit 12	Miscellaneous
Hy Energy Sciences	8440	Central Ave. Unit 2B	Miscellaneous
Fresh Choice LLC	8371	Central Ave. Unit A	Miscellaneous
Sunnyvale Trading Co.	6621	Central Ave. Unit B	Miscellaneous
SBS Technolgies	8371	Central Ave. Unit B & C	Miscellaneous
Set Right Tile	6756	Central Ave. Unit C	Miscellaneous
Bay Polymer Corporation	6756	Central Ave. Unit F	Miscellaneous
Jaffee Hobby Shop	6756	Central Ave. Unit G	Miscellaneous
Mosaic Industries Inc.	5437	Central Ave. Units 1-2	Miscellaneous
BlueLinx	38811	Cherry St.	Miscellaneous
Elo Touch Systems	38507	Cherry St. Unit C	Miscellaneous
Economic Packaging Corp.	38503	Cherry St. Unit R	Miscellaneous
Innovated Packaging Company	38505	Cherry St. Units C & D	Miscellaneous
Whirlpool Warehouse	38507	Cherry St. Units H & I	Miscellaneous
Fountain Square (Property)	6066	Civic Terrace Ave.	Miscellaneous
Newark Health Center	6066	Civic Terrace Ave. Unit 1	Miscellaneous
Chamber of Commerce - City of Newark	6066	Civic Terrace Ave. Unit 8	Miscellaneous
Palo Alto Egg Company	6691	Clark Ave.	Miscellaneous

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Checkmark Compactor	6758	Clark Ave.	Miscellaneous
Neo Photonics	35445	Dumbarton Ct.	Miscellaneous
ETM Electronic Inc.	35451	Dumbarton Ct.	Miscellaneous
Residence Inn	35484	Dumbarton Ct.	Miscellaneous
Frank Ushlers Welding Repair Service	37569	Enterprise Ct. Unit B	Miscellaneous
Gibertson Lift Trucks	37557	Enterprise Ct. Unit D	Miscellaneous
Stomper Inc.	7799	Enterprise Dr.	Miscellaneous
Emmett Construction	7835	Enterprise Dr.	Miscellaneous
Classic Graphics Bldg. B	8025	Enterprise Dr.	Miscellaneous
Osborne Lumber	8100	Enterprise Dr.	Miscellaneous
All American Rentals	8136	Enterprise Dr.	Miscellaneous
Gallade Chemical	8333	Enterprise Dr.	Miscellaneous
Jones Hamilton	8400	Enterprise Dr.	Miscellaneous
FMC Corporation	8787	Enterprise Dr.	Miscellaneous
Fagan Equipment	78458	Enterprise Dr.	Miscellaneous
Enterprise Neon	7730	Enterprise Dr. Unit 3	Miscellaneous
OES	8145	Enterprise Dr. Unit C	Miscellaneous
Siemens Bldg. F Phase 1	39600	Eureka Dr.	Miscellaneous
Vacant 39611	39611	Eureka Dr.	Miscellaneous
Vacant 39655	39655	Eureka Dr.	Miscellaneous
Sierra Wireless	39677	Eureka Dr.	Miscellaneous
Novasys Medical	39684	Eureka Dr.	Miscellaneous
Apple Computer	39800	Eureka Dr.	Miscellaneous
Four Seasons Pool Service	37280	Filbert St.	Miscellaneous
Datasafe	37580	Filbert St.	Miscellaneous
Nordstrom	37599	Filbert St.	Miscellaneous
Fremont Bible Fellowship	37620	Filbert St.	Miscellaneous
AT&T Mobility-Dumbarton (14880)	35263	Fircrest St.	Miscellaneous
Beeline Group Inc.	7000	Gateway Blvd.	Miscellaneous
Transplant Pharmacy	7011	Gateway Blvd.	Miscellaneous
Pacific Research Center	7777	Gateway Blvd.	Miscellaneous
W Suites	8200	Gateway Blvd.	Miscellaneous
Church of Jesus Christ of LDS	36400	Haley St.	Miscellaneous
Mango Tours	6271	Jarvis Ave.	Miscellaneous
Sprint Nextel	6201	Lafayette Ave.	Miscellaneous
Holiday Inn Express	5977	Mowry Ave.	Miscellaneous
Advantek	6839	Mowry Ave.	Miscellaneous
Cal-Star Cement	6851	Mowry Ave.	Miscellaneous
AT&T Mobility-HWY 880 Stevenson (28270)	5600	Mowry School Rd. Unit A	Miscellaneous
Verizon	5600	Mowry School Road Unit B	Miscellaneous
Marriott Courtyard	34905	Newark Blvd.	Miscellaneous
Roma Jewelry	34924	Newark Blvd.	Miscellaneous
AT&T Mobility-Cherry & Mayhews Landing	36700	Newark Blvd.	Miscellaneous
Good Times Lounge	36601	Newark Blvd. Unit 81	Miscellaneous
Ranch 99 Market	35219	Newark Blvd. Unit B	Miscellaneous

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Lenscrafters	1115	Newpark Mall	Miscellaneous
Newpark Mall Office	2086	NewPark Mall	Miscellaneous
Vacant	5572	Newpark Mall	Miscellaneous
Vacant	5730	Newpark Mall	Miscellaneous
CineDome Theaters	6000	NewPark Mall	Miscellaneous
Vacant	5520	Newpark Mall Unit A	Miscellaneous
Amerigas	6519	Redeker Pl.	Miscellaneous
Recall	6730	Redeker Pl.	Miscellaneous
LOV Newark	36120	Ruschin Dr.	Miscellaneous
Kidango	36120	Ruschin Dr.	Miscellaneous
Emmanuel Mission Church	5885	Smith Ave.	Miscellaneous
Oatey Corp.	6600	Smith Ave.	Miscellaneous
Five Star Lumber	6899	Smith Ave.	Miscellaneous
AT&T Mobility-Newark (14875)	6565	Smith Ave. Unit B	Miscellaneous
3-Plex Residence	37034	Spruce St.	Miscellaneous
Apartment Complex 8 Units	36851	Sycamore St.	Miscellaneous
Apartment Complex 8 Units	36857	Sycamore St.	Miscellaneous
Sprint Nextel SF33XC130	37555	Sycamore St.	Miscellaneous
J CAM Fiberglass	37444	Sycamore St. Unit 11B	Miscellaneous
Ultimate Laminators	37537	Sycamore St. Unit A	Miscellaneous
Verizon Wireless	37555	Sycamore St. Unit I	Miscellaneous
Whiskey Town	5660	Thornton Ave.	Miscellaneous
Newark Church of Christ	5880	Thornton Ave.	Miscellaneous
Vacant 6250	6250	Thornton Ave.	Miscellaneous
Norma Paragas MD	6275	Thornton Ave.	Miscellaneous
Vacant 6310	6310	Thornton Ave.	Miscellaneous
Arnold Realty & Tax	6347	Thornton Ave.	Miscellaneous
Textures	6361	Thornton Ave.	Miscellaneous
Tyme for Chiropractic	6943	Thornton Ave.	Miscellaneous
Greenback Pawn	7102	Thornton Ave.	Miscellaneous
Princesa's	7192	Thornton Ave.	Miscellaneous
Door To Door / Raster Graphics	8620	Thornton Ave.	Miscellaneous
Pearson Sales Company Inc.	8624	Thornton Ave.	Miscellaneous
Service Partners Supply	8628	Thornton Ave.	Miscellaneous
Door To Door - Warehouse	8636	Thornton Ave.	Miscellaneous
Holguin Brothers	8636	Thornton Ave.	Miscellaneous
Door to Door / Raster Graphics	8648	Thornton Ave.	Miscellaneous
Communication Supply Corporation	8668	Thornton Ave.	Miscellaneous
Emcore	8674	Thornton Ave.	Miscellaneous
Intel	8678	Thornton Ave.	Miscellaneous
AT&T Mobility-Thornton & Sycamore 28332	7275	Thornton Ave. Unit C	Miscellaneous
Accurate Tube Binding	37770	Timber St.	Miscellaneous
Emmett Associates	37955	Timber St. Unit A	Miscellaneous
MJ Recovery	37955	Timber St. Unit B	Miscellaneous
Farmers Insurance	37955	Timber St. Unit D	Miscellaneous

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
All Appliance Repair	37955	Timber St. Unit J	Miscellaneous
The Lien Co.	37955	Timber St. Unit K	Miscellaneous
Air Liquide	8077	Wells Ave.	Miscellaneous
Copeland Mechanical	8040	Wells Ave. Unit D	Miscellaneous
So. Alameda County Headstart	37365	Ash St.	Municipal/Schools
Lincoln Elementary School	36111	Bettencourt St.	Municipal/Schools
Newark Unified School Dist. - Corp Yard	37370	Birch St.	Municipal/Schools
Milani Childcare	37480	Birch St.	Municipal/Schools
Milani Elementary School	37490	Birch St.	Municipal/Schools
NUSD Corp Yard	37370	Birch St. Unit B	Municipal/Schools
Kennedy Elementary School	35430	Blackburn Dr.	Municipal/Schools
Community Center	35501	Cedar Blvd.	Municipal/Schools
Whiteford Elementary School	35725	Cedar Blvd.	Municipal/Schools
So. Alameda County Headstart - Whiteford	35725	Cedar Blvd.	Municipal/Schools
Bridgepoint High School / Ohlone College	35753	Cedar Blvd.	Municipal/Schools
McGregor School	35777	Cedar Blvd.	Municipal/Schools
Kings Kids Preschool	38325	Cedar Blvd.	Municipal/Schools
Newark Memorial High School	39375	Cedar Blvd.	Municipal/Schools
Challenger Pre-School	39600	Cedar Blvd.	Municipal/Schools
Stellar Academy	38325	Cedar Blvd. Unit A	Municipal/Schools
Graham Elementary School	36270	Cherry St.	Municipal/Schools
Newark Library	6300	Civic Terrace Ave.	Municipal/Schools
City of Newark Finance Department	6066	Civic Terrace Ave. Unit 2	Municipal/Schools
U.S. Post Office Newark Main	6655	Clark Ave.	Municipal/Schools
Challenger Elementary School	35487	Dumbarton Ct.	Municipal/Schools
Challenger School	35495	Dumbarton Ct.	Municipal/Schools
Newark Senior Center	7401	Enterprise Dr.	Municipal/Schools
Newark Junior High	6201	Lafayette Ave.	Municipal/Schools
Snow Elementary School	6480	Mirabeau Dr.	Municipal/Schools
Silliman Community Center	6800	Mowry Ave.	Municipal/Schools
Musick Elementary School	5575	Musick Ave.	Municipal/Schools
Newark Unified School Dist. - Admin.	5715	Musick Ave.	Municipal/Schools
City Administration Building	37101	Newark Blvd.	Municipal/Schools
City Administration-Holding Cells	37101	Newark Blvd.	Municipal/Schools
Birch Grove Preschool	6020	Robertson Ave.	Municipal/Schools
Ruschin Elementary School	36120	Ruschin Dr.	Municipal/Schools
Bunker Elementary School	6071	Smith Ave.	Municipal/Schools
Schilling Elementary School	36901	Spruce St.	Municipal/Schools
St. Edwards School	5788	Thornton Ave.	Municipal/Schools
MAS	37444	Sycamore St. Unit 11R	NOI Facilities

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Foto Express	6247	Jarvis Ave.	Photo Developing/Processing
Raleys Pharmacy	6399	Jarvis Ave.	Photo Developing/Processing
Longs Drugs	35080	Newark Blvd.	Photo Developing/Processing
Ritz Camera	1091	NewPark Mall	Photo Developing/Processing
Picture People	1121	NewPark Mall	Photo Developing/Processing
The Picture People	1217	NewPark Mall	Photo Developing/Processing
Photo Magic	2226	NewPark Mall	Photo Developing/Processing
Excel Photo	5258	NewPark Mall	Photo Developing/Processing
Zap Printing	5409	Central Ave. Unit 4	Printing
ADVO Inc.	6955	Mowry Ave.	Printing
ZAP Printing	5870	Mowry School Rd.	Printing
DAR Printing	7679	Thornton Ave.	Printing
Sun Graphics	8040	Wells Ave. Unit C	Printing
Western Pacific Pulp and Paper	6587	Smith Ave. Unit B	Recycler
Nijo Castle	39888	Balentine Dr.	Restaurants
Carls Jr.	39901	Balentine Dr.	Restaurants
World Class Coffee	39941	Balentine Dr.	Restaurants
Café Gyros	39941	Balentine Dr.	Restaurants
A Thai Express	39945	Balentine Dr.	Restaurants
Becks Steak House	36665	Cedar Blvd.	Restaurants
101 Fish and Chips	36700	Cedar Blvd.	Restaurants
Taqueria Los Portales	36782	Cedar Blvd.	Restaurants
Jack-In-the-Box	39017	Cedar Blvd.	Restaurants
Tea Station	39115	Cedar Blvd.	Restaurants
Formosa Chinese Restaurant	39119	Cedar Blvd.	Restaurants
Cafe My Tho	39127	Cedar Blvd.	Restaurants
3-D Gourmet Deli	39169	Cedar Blvd.	Restaurants
Coromandel Curries	39173	Cedar Blvd.	Restaurants
Tapioca Express	39185	Cedar Blvd.	Restaurants
Sushi-Yoshi Restaruant	39193	Cedar Blvd.	Restaurants
Cousin Café	39193	Cedar Blvd.	Restaurants
Taco Bell	39199	Cedar Blvd.	Restaurants
Arbys	39201	Cedar Blvd.	Restaurants
Lion Center	39203	Cedar Blvd.	Restaurants
Pho Tam Hiep	39229	Cedar Blvd.	Restaurants
Chicken D'Lite	39257	Cedar Blvd.	Restaurants
Sushi Yoshi	39261	Cedar Blvd.	Restaurants
Spice Hut	39279	Cedar Blvd.	Restaurants
Vitos Pizza	39970	Cedar Blvd.	Restaurants
Pennys Donuts	39982	Cedar Blvd.	Restaurants
Togos	39986	Cedar Blvd.	Restaurants

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Red Kwali	39055	Cedar Blvd. Unit 108	Restaurants
Huong Lan Sandwiches	39055	Cedar Blvd. Unit 116	Restaurants
Fantasia Tea Café	39055	Cedar Blvd. Unit 118	Restaurants
T K Noodle	39029	Cedar Blvd. Unit 14	Restaurants
Konyac	39055	Cedar Blvd. Unit 148	Restaurants
Black Ice Grill & Boil Stir Fry	39055	Cedar Blvd. Unit 148	Restaurants
England Rose House Restaurant	39055	Cedar Blvd. Unit 166	Restaurants
New China Station BBQ	39055	Cedar Blvd. Unit 186	Restaurants
Sushi Island	39055	Cedar Blvd. Unit 189	Restaurants
Kings Garden	39055	Cedar Blvd. Unit 189	Restaurants
S & J Coffee Shop	5409	Central Ave. Unit 15	Restaurants
Vacant 5454	5454	Central Ave. Unit E	Restaurants
Thai 71	5454	Central Ave. Unit G	Restaurants
Bobs Burger	5454	Central Ave. Unit J	Restaurants
Gateway Café - BMR	7677	Gateway Blvd.	Restaurants
International House of Pancakes	5687	Jarvis Ave.	Restaurants
Nguyen Vu Restaurant	5729	Jarvis Ave.	Restaurants
Sushi House	5790	Jarvis Ave.	Restaurants
Sushi House	5790	Jarvis Ave.	Restaurants
Guberas Pub	5810	Jarvis Ave.	Restaurants
Ma Mon Luk Noodle House	5825	Jarvis Ave.	Restaurants
Manila BBQ House	5825	Jarvis Ave.	Restaurants
Del Taco	6160	Jarvis Ave.	Restaurants
Robeks Juice	6193	Jarvis Ave.	Restaurants
Pizza Hut Delivery	6221	Jarvis Ave.	Restaurants
Umi Sushi Boat	6225	Jarvis Ave.	Restaurants
New Golden China	6259	Jarvis Ave.	Restaurants
Tipanan	6275	Jarvis Ave.	Restaurants
Simply Thai	6295	Jarvis Ave.	Restaurants
Q's Restaurant - Q C H Inc. Restaurant	6295	Jarvis Ave.	Restaurants
Dinos Grill	5855	Jarvis Ave. Unit A	Restaurants
Thai Orchid Cuisine	6180	Jarvis Ave. Unit A	Restaurants
TGI Sushi	6180	Jarvis Ave. Unit B	Restaurants
Taco Bell Express	5855	Jarvis Ave. Unit C	Restaurants
VIP Restaurant	5855	Jarvis Ave. Unit D	Restaurants
Thanh Thanh	6180	Jarvis Ave. Unit T	Restaurants
Vys Restaurant	6180	Jarvis Ave. Unit T	Restaurants
Little Ceasars Pizza	6180	Jarvis Ave. Unit W	Restaurants
Tibiao Bread Haus	6180	Jarvis Ave. Unit Y	Restaurants
Kioku Sushi	6180	Jarvis Ave. Units U & V	Restaurants
Swiss Park	5911	Mowry Ave.	Restaurants
Sizzler	5989	Mowry Ave.	Restaurants
Bombay Gardens	5995	Mowry Ave.	Restaurants
Lees Tofu House	6050	Mowry Ave.	Restaurants
Ninja Hot Pot Restaurant	6066	Mowry Ave.	Restaurants
Vung Tau Restaurant	6092	Mowry Ave.	Restaurants
Mowry Donut	5970	Mowry Ave. Unit M	Restaurants

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Chevys	5605	Mowry School Rd.	Restaurants
Flavors Palace	5720	Mowry School Rd.	Restaurants
Seasons Buffet	5720	Mowry School Rd.	Restaurants
Chandini Restaurant	5748	Mowry School Rd.	Restaurants
Chandini (Banquet Room)	5750	Mowry School Rd.	Restaurants
Mehran Restaurant	5770	Mowry School Rd.	Restaurants
Peach Garden Restaurant	5862	Mowry School Rd.	Restaurants
Manna Restaurant	5890	Mowry School Rd.	Restaurants
Chuck E Cheese	39839	Mowry School Rd.	Restaurants
Blue Star	34904	Newark Blvd.	Restaurants
Pot Belly Deli	34906	Newark Blvd.	Restaurants
Delicious Donuts & Bagels	34916	Newark Blvd.	Restaurants
Cooper Donuts	34916	Newark Blvd.	Restaurants
Shogun Japanese	34940	Newark Blvd.	Restaurants
Burger King	34943	Newark Blvd.	Restaurants
Cattlemens	35000	Newark Blvd.	Restaurants
Round Table Pizza	35118	Newark Blvd.	Restaurants
La Cocina Mexicana	35144	Newark Blvd.	Restaurants
Mc Donalds II	35192	Newark Blvd.	Restaurants
Popeyes	35193	Newark Blvd.	Restaurants
Mr. Chaus	35204	Newark Blvd.	Restaurants
Togos	35214	Newark Blvd.	Restaurants
Wendys	35229	Newark Blvd.	Restaurants
Taqueria Los Gallos	35232	Newark Blvd.	Restaurants
Dominos Pizza	35248	Newark Blvd.	Restaurants
Dees Donuts	36601	Newark Blvd. Unit 15	Restaurants
Shakers Pizza	36601	Newark Blvd. Unit 58	Restaurants
Jade Palace	36601	Newark Blvd. Unit 64	Restaurants
La Casita Chilanga	36601	Newark Blvd. Unit 81A	Restaurants
My Tho	35201	Newark Blvd. Unit A	Restaurants
Royal Garden Restaurant	35219	Newark Blvd. Unit A	Restaurants
Chou Mamas Kitchen	35201	Newark Blvd. Unit B	Restaurants
Little Sichuan Restaurant	35233	Newark Blvd. Unit F	Restaurants
Quiznos Subs	35111	Newark Blvd. Unit G	Restaurants
Newark Buffet	35201	Newark Blvd. Unit W	Restaurants
Red Robin	1031	NewPark Mall	Restaurants
Anderson Bakery & Café	1079	NewPark Mall	Restaurants
Sorabal Korean Restaurant	1096	Newpark Mall	Restaurants
Pretzel Time	1135	NewPark Mall	Restaurants
Coldstone Creamery	2036	NewPark Mall	Restaurants
Auntie Annies	2037	NewPark Mall	Restaurants
Starbucks	2071	NewPark Mall	Restaurants
Hot Dog on a Stick	2073	NewPark Mall	Restaurants
Burger King	2074	NewPark Mall	Restaurants
Subway	2075	NewPark Mall	Restaurants
Tokyo Station	2076	NewPark Mall	Restaurants
Hibachi San	2076	Newpark Mall	Restaurants
Sbarros Pizza	2077	NewPark Mall	Restaurants
Hot Dog and More	2078	NewPark Mall	Restaurants
Texas Wagon BBQ	2078	NewPark Mall	Restaurants
Manchu Wok	2080	NewPark Mall	Restaurants

Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Cafe Sorabol	2081	NewPark Mall	Restaurants
Great Steak and Potato	2082	NewPark Mall	Restaurants
Gyro Corner	2083	NewPark Mall	Restaurants
Salsa Picante	2083	Newpark Mall	Restaurants
Dairy Queen Orange Julius	2084	NewPark Mall	Restaurants
Roller Z Smoothies	2087	NewPark Mall	Restaurants
Stars Yogurt Shop	2217	NewPark Mall	Restaurants
Mc Donalds	3000	NewPark Mall	Restaurants
El Burro	3100	NewPark Mall	Restaurants
Kaspers Hot Dogs	5450	NewPark Mall	Restaurants
Hometown Buffet	5478	NewPark Mall	Restaurants
Udupi Palace Restaurant	5988	NewPark Mall	Restaurants
Felinio Hair Salon / Restaurant	3900	NewPark Mall Unit 104	Restaurants
Fellini O Hair Salon	3900	NewPark Mall Units 102 & 102A	Restaurants
La Cabana	7163	Rich Ave.	Restaurants
Palm Garden	5733	Stevenson Blvd.	Restaurants
Royal Indian Palace	5733	Stevenson Blvd.	Restaurants
Three Brothers Tacos	36926	Sycamore St.	Restaurants
Mountain Mikes Pizza	5333	Thornton Ave.	Restaurants
Divine formerly Bakers Square	5475	Thornton Ave.	Restaurants
Round Table Pizza	5544	Thornton Ave.	Restaurants
Thai Cuisine	5552	Thornton Ave.	Restaurants
Carls Jr.	5670	Thornton Ave.	Restaurants
Asia Express	5672	Thornton Ave.	Restaurants
Taco Bell	5684	Thornton Ave.	Restaurants
Afghan Village	5698	Thornton Ave.	Restaurants
All Star Burgers	6950	Thornton Ave.	Restaurants
Rosales Restaurant	7036	Thornton Ave.	Restaurants
New Ocean Restaurant	7179	Thornton Ave.	Restaurants
Starbucks	7324	Thornton Ave.	Restaurants
King Egg Roll	7372	Thornton Ave.	Restaurants
La Pinata	7383	Thornton Ave.	Restaurants
Subway	7388	Thornton Ave.	Restaurants
La Huasteca	7673	Thornton Ave.	Restaurants
Kentucky Fried Chicken	5724	Thornton Ave. Unit B	Restaurants
Andersen Bakery & Café	39169	Cedar Blvd.	Retail Food Services
Food Maxx	39966	Cedar Blvd.	Retail Food Services
Sogo Bakery	39055	Cedar Blvd. Unit 182	Retail Food Services
San Francisco Bay Brand	8239	Enterprise Dr.	Retail Food Services
Safeway	5877	Jarvis Ave.	Retail Food Services
Venus Bakery	6267	Jarvis Ave.	Retail Food Services
Raleys	6397	Jarvis Ave.	Retail Food Services
Little Manila	6180	Jarvis Ave. Unit M	Retail Food Services
Good Neighbor Restaurant	35122	Newark Blvd.	Retail Food Services
Jurassic Ice Cream	35122	Newark Blvd.	Retail Food Services
Albertsons	35156	Newark Blvd.	Retail Food Services
Tapioca Express	35201	Newark Blvd. Unit F	Retail Food Services
Goldilocks	35201	Newark Blvd. Unit V	Retail Food Services

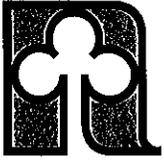
Potential Commercial and Industrial Inspection Sites (Provision C.4)

BUSINESS NAME	STREET NUMBER	STREET	BUSINESS TYPE
Sees Candy	1021	NewPark Mall	Retail Food Services
Cinnabon	1087	NewPark Mall	Retail Food Services
Wetzels Pretzels	1135	Newpark Mall	Retail Food Services
Mrs. Fields	1136	Newpark Mall	Retail Food Services
Surf City Squeeze	1209	Newpark Mall	Retail Food Services
What's Up Dog	2081	Newpark Mall	Retail Food Services
Chavez Meat Market #2	5510	Thornton Ave.	Retail Food Services
Santa Fe Market	7356	Thornton Ave.	Retail Food Services
Hulbert Lumber Company	37500	Cedar Blvd.	Retail/Wholesale
Lion Market	39055	Cedar Blvd. Unit 168	Retail/Wholesale
Tri-City Plastics	6803	Central Ave.	Retail/Wholesale
BabyScholars.com	5437	Central Ave. Unit 9	Retail/Wholesale
Shop Tools Inc.	37950	Central Ct. Unit A	Retail/Wholesale
Western Food Products	6969	Clark Ave.	Retail/Wholesale
Orchard Supply Hardware	5655	Jarvis Ave.	Retail/Wholesale
Jewelry By Design	6299	Jarvis Ave.	Retail/Wholesale
Rasputin Music	5777	Mowry Ave.	Retail/Wholesale
Marvs House of Liquors	36601	Newark Blvd. Unit 91	Retail/Wholesale
Bollywood Music & Videos	35711	Newark Blvd. Unit C	Retail/Wholesale
Macys	200	NewPark Mall	Retail/Wholesale
Mervyns	300	NewPark Mall	Retail/Wholesale
Target	400	NewPark Mall	Retail/Wholesale
J C Penney	500	Newpark Mall	Retail/Wholesale
Beauty Works	1232	Newpark Mall	Retail/Wholesale
Kasaria Jewelers	3900	NewPark Mall Unit 101	Retail/Wholesale
Corporate Express	6601	Overlake Pl.	Retail/Wholesale
Home Depot	5401	Thornton Ave.	Retail/Wholesale
Los Compadres	7180	Thornton Ave.	Retail/Wholesale
Carter Station	7320	Thornton Ave.	Retail/Wholesale
7-11	5724	Thornton Ave. Unit A	Retail/Wholesale
Madeira Discount Liquors	6714	Thornton Ave. Unit A	Retail/Wholesale
Newark Haller's Pharmacy	6170	Thornton Ave. Unit E	Retail/Wholesale
Pozas Brothers Trucking	8130	Enterprise Dr.	Transportation/Corporation Yards
City of Newark Service Center	37440	Filbert St.	Transportation/Corporation Yards
Oak Harbor	6700	Smith Ave.	Transportation/Corporation Yards
Newark ACWD Desalination Plant	6833	Redeker Pl.	Utility
Union Sanitary District	8700	Thornton Ave.	Utility

Attachment 3

City of Newark

Integrated Pest Management (IPM) Policy and Supporting Documents
(C.9)



May 31, 2012

Shin-Roei Lee, Chief
Watershed Management Division
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

**Subject: CIWQS Place Number: 241755(JBO) dated May 9, 2012
Response to Notice of Violation for Failure to Require Contractors to Implement
IPM Pursuant to Provision C.9.d, of Water Board Order No. R2-2009-0074,
Municipal Regional Stormwater NPDES Permit**

Dear Chief Lee:

This letter is in response to the above referenced violation notice. As stated in the notice, "...the City must submit a copy of the City's contract(s) for pesticide services containing specifications requiring IPM and signed by each landscape and structural weed and pest control contractor hired by the City within four weeks of this Notice of Violation." Below is a list of actions that the City of Newark has taken since receipt of the notice.

On May 10, 2012, the appropriate Public Works Department staff met and identified all areas of work potentially inclusive of Integrated Pest Management (IPM). It was determined that IPM practices applied to the following documents/processes:

- Tree Maintenance Services Specifications and Contract Documents – this annual contract includes treatment of trees for aphids each winter.
- Landscape Maintenance Services Specifications and Contract Documents – this annual contract includes managing pests and rodents on City landscape and park areas.
- Annual Purchase Agreement Bid Process – this process is used to secure pest and rodent management services, when necessary. Generally, two vendors are selected each year to provide these services.

After a review of these documents/processes and comments contained in your May 9, 2012 Notice, the following changes were made to ensure a comprehensive IPM policy, and consistent application and full compliance of that policy Citywide:

1. The City's IPM policy submitted on September 15, 2011 to the SFRWQCB as part of the City's Fiscal Year 2010-11 Report was reviewed and updated. Updates include prominent

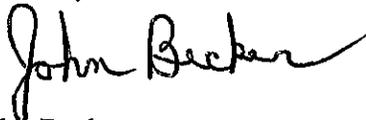
placement of the hierarchy within the policy, inclusion of the City's reporting procedures, and rendering employee reminders of the IPM policy. See Attachment A.

2. The City's Standard Specifications and contract documents for the Tree and Landscape Maintenance Services Projects were updated to be consistent with the City's IPM policy. This will ensure all future projects contain the updated IPM policy. The language regarding "Pest and Disease Control", "Weed Control", "Rodent Control", and "Best Management Practices" was deleted, and replaced with the appropriate IPM policy references. This includes use of the IPM Hierarchy, restrictions on pesticides of concern, a requirement of the contractors to submit monthly pesticide usage reports to the City Engineer, and other modifications for consistency with the IPM policy. See Attachment B.
3. A Contract Change Order for the current Landscape Maintenance Services contract, Project 1004B, was issued on May 24, 2012. The original contract, contract renewal, and Contract Change Order are provided as Attachment C.
4. An Addendum to the Tree Maintenance Services contract, Project 1009, out to bid at the time the notice was received, was issued on May 17, 2012. See Attachment D.
5. On May 31, 2012, the City's updated IPM policy was mailed out to the two affected vendors with Annual Purchase Agreements (APAs) for Fiscal Years 2011-12 and 2012-13. See Attachment E.
6. The IPM Policy will now be attached to the Pest and Termite Control APA Bid Quotation Forms, beginning with Fiscal Year 2013-14. The form also now includes a statement to inform all vendors bidding on these services of the City's IPM policy prior to entering into an agreement for pricing with the City of Newark. See Attachment F.
7. By June 11, 2012, the IPM Policy will be added to the Maintenance Division web pages on the official City of Newark website at www.newark.org.
8. The IPM Policy was reviewed with all Maintenance Division staff, including all City certified applicators.
9. The IPM policy is now in the City's internal management review process in preparation for placing an item on the City Council agenda to formally adopt this policy. It is expected that City Council will vote on this matter prior to the submission of our next annual report. In the interim, the City's Maintenance Division and all service contracts will continue to adhere to the current policy on record (Attachment A).

10. A citywide email was sent to all employees on May 31, 2012, reminding everyone of their responsibilities, rules, and resources related to the City's IPM policy. See Attachment G. This email will be updated and distributed annually to all City employees.

I look forward to your review of the information submitted with this letter, and your response. If you have any questions, please contact City of Newark Public Works Director Peggy Claassen at (510) 578-4671 or peggy.claassen@newark.org.

Sincerely,



John Becker
City Manager

Attachments

cc: Peggy Claassen, Public Works Director
Soren Fajeau, Senior Civil Engineer
Jim Scanlin, Alameda Countywide Clean Water Program

RESOLUTION NO. 9985

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
NEWARK APPROVING THE CITY OF NEWARK
INTEGRATED PEST MANAGEMENT POLICY

WHEREAS, pursuant to Provision C.9 of the Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit (MRP) issued to the City of Newark by the Regional Water Quality Control Board – San Francisco Bay (RWQCB) as Order R2-2009-0074, NPDES Permit No. CAS612008, adopted October 14, 2009 and revised November 28, 2011, the City of Newark, on January 11, 2010 developed an internal Integrated Pest Management (IPM) Policy to minimize reliance on pesticides that threaten water quality and to require the use of IPM practices and procedures in municipal operations and on municipal property; and

WHEREAS, the RWQCB has required that all permittees under the MRP have their Integrated Pest Management Policies formally adopted by their respective governing bodies; and

WHEREAS, the original IPM policy was revised by staff on May 24, 2012 to clarify certain procedural and training requirements and to add specific requirements related to reporting of any pesticide use.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Newark that the City of Newark Integrated Pest Management Policy originally dated January 11, 2010 and revised May 24, 2012, attached as Exhibit A, is hereby approved.

BE IT FURTHER RESOLVED that the Public Works Director is hereby authorized to approve alterations to the current Integrated Pest Management Policy as may be necessary to further clarify pesticide use in the City's municipal operations or to satisfy future requirements of the MRP and any future re-issuance or amendments thereto.

I HEREBY CERTIFY the foregoing resolution was introduced at a regular meeting of the City Council of the City of Newark held on June 28, 2012, by Vice Mayor Apodaca, who moved its adoption and passage, which motion was carried after being duly seconded, and passed by the following vote:

AYES: Council Members Collazo, Freitas, Marshall, Vice Mayor Apodaca and Mayor Nagy

NOES: None

ABSENT: None

SECONDED: Council Member Collazo

APPROVED:


s/ALAN L. NAGY
Mayor

ATTEST:


s/SHEILA HARRINGTON
City Clerk

APPROVED AS TO FORM:


s/DAVID J. BENOON
Interim City Attorney



POLICY: INTEGRATED PEST MANAGEMENT POLICY

ORIGINAL DATE: January 11, 2010; revised May 24, 2012

PURPOSE: The purpose of the City of Newark’s Integrated Pest Management (IPM) policy is to provide for the development and implementation of provisions to minimize reliance on pesticides that threaten water quality and impairment of urban streams by pesticide-related toxicity. This IPM policy will demonstrate compliance with Federal requirements for local governments to utilize IPM in City operations and on City property in accordance with Provision C.9.a.i of the Municipal Regional Stormwater National Pollutant Discharge Elimination System (NPDES) Permit issued by the California Regional Water Quality Control Board San Francisco Bay Region as Order No. R2-2009-0074, NPDES Permit No. CAS6122008, adopted October 14, 2009 and revised November 28, 2011.

The City’s IPM policy will further provide guidelines for Bay-Friendly landscaping and integrated pest management techniques, based on Alameda County’s Bay Friendly Landscaping Guidelines prepared by Stopwaste.Org. IPM practices also include Best Management Practices (BMPs) for building maintenance and should be encouraged as guiding principles for development and implementation on all City projects and designs.

I. OBJECTIVES

- A. Minimize pesticide use on City properties by following the hierarchy of controls for pest control and management listed in Section V.B.3 of this policy.
- B. Reduce the use of broad spectrum pesticides when feasible.
- C. Create awareness among City staff of less-toxic pest management techniques.
- D. Educate all City departments to practice the most appropriate approach to managing pests on City properties, including prevention.
- E. Reduce the adverse impacts to water quality due to pesticide usage, particularly from copper-based, organophosphate and pyrethroid pesticides, and other pesticides of concern.

II. SECTIONS INVOLVED

- A. Landscape / Parks Maintenance
- B. Building Maintenance

III. DEFINITION

- A. Bay-Friendly Landscaping - a whole systems approach to the design, construction and maintenance of the landscape in order to support the integrity of the San Francisco Bay watershed.
- B. Biological control - The use of biological technologies to manage unwanted pests; examples of this type of control include, but are not limited to, the use of pheromone traps or beneficial insect release for control of certain types of weeds or invasive insects in landscapes.
- C. Cultural control - The use of IPM control methods such as grazing, re-vegetation, disking, mulching, proper irrigation, seeding, and landscaping with competitive or tolerant species to manage unwanted weeds, rodents or plant diseases, plus good housekeeping.
- D. DPR - Department of Pesticide Regulations for the State of California's Environmental Protection Agency
- E. Integrated Pest Management (IPM) - IPM is the strategic approach that focuses on long-term prevention of pests and their damage from reaching unacceptable levels by selecting and applying the most appropriate combination of available pest control methods. These include cultural, mechanical, biological and chemical technologies that are implemented for a given site and pest situation in ways that minimize economic, health and environmental risks.
- F. Mechanical controls - The use of IPM control methods utilizing hand labor or equipment such as mowers, graders, weed-eaters, and chainsaws. Crack and crevice sealants and closing small entryways (i.e., around pipes and conduits) into buildings for insect and rodent management are also mechanical controls.
- G. PCA - Pest Control Advisor is one licensed by the California Department of Pesticide Regulations according to Title 3, Article 5 of the California Code of Regulations. A licensed PCA, who is registered with the County Agricultural Commissioner, provides written pest control recommendations for agricultural pest management, including parks and rights-of-way.
- H. Pesticides - Defined in Section 12753 of the California Food and Agricultural Code as any spray adjuvant, or any substance, or mixture of substances intended

to be used for defoliating plants, regulating plant growth, or for preventing, destroying, repelling, or mitigating any pest, as defined in Section 12754.5 (of the Food and Agricultural Code), which may infest or be detrimental to vegetation, man, animals or households, or be present in any agricultural or nonagricultural environment whatsoever. The term pesticide applies to herbicides, insecticides, fungicides, rodenticides and other substances used to control pests. Antimicrobial agents are not included in this definition of pesticides.

- I. QAL - Qualified Applicator License is a licensed applicator according to Title 3, Article 3 of the California Code of Regulations. This license allows supervision of applications that may include residential, industrial, institutional, landscape, or rights-of-way sites.
- J. QAC - Qualified Applicator Certificate is a certified applicator of pesticides according to Title 3, Article 3 of the California Code of Regulations. This certificate allows supervision of applications that may include residential, industrial, landscape, or rights-of-way sites.
- K. Structural Pest Control Operator (SPCO- Branch I, II or III) - A licensed applicator for controlling pests that invade buildings and homes according to the requirements of the Structural Pest Control Board of the California Department of Consumer Affairs.

IV. TRAINING

- A. City employees involved with pesticide applications as a normal part of their job duties and pest management contractors hired by the City will be trained as required by State of California Department of Pesticide Regulations rules, the County Agricultural Commissioner, and/or the Structural Pest Control Board.
- B. City Staff responsible for pest management on City property will provide annual training to all employees who apply pesticides as a normal part of their job duties on:
 - 1. Pesticide Safety;
 - 2. The City's IPM Program; and
 - 3. Appropriate Best Management Practices and Integrated Pest Management Technologies supported by the Alameda Countywide Clean Water Program.
- C. Pest Control Advisors and Applicators, pest management contractors, and other contract service providers serving City-owned properties will be licensed by the State of California Department of Pesticide Regulations (DPR) as a Pest Control Advisor or licensed Qualified Applicator.

V. PROCEDURE

A. Pesticide Prevention

1. The City of Newark shall institute practices that reduce pesticides and result in the purchase of fewer pesticides whenever practicable and cost-effective, but without reducing safety or workplace quality.
2. The City of Newark shall instruct all employees to implement Good Housekeeping Practices in their workstations, vehicles, break rooms, etc., to prevent the conditions that provide a food source and habitat which attract unwanted pests.

B. Pest Control and Management

1. The City of Newark, including all departments and staff herein, and contractors or individuals (QAL, QAC, SPCO) providing pest control services on City property (Applicators) shall follow the City's Integrated Pest Management Policy and utilize generally accepted Best Management Practices (BMPs) to the maximum extent practicable for the control or management of pests in and around City buildings and facilities, parks and urban landscape areas, rights-of-way, and other City properties.
2. Applicators will use the most current IPM technologies available to ensure the long-term prevention or suppression of pest problems and to minimize negative impacts on the environment, non-target organisms, and human health.
3. IPM Hierarchy of Controls

Applicators will consider the options or alternatives listed below in the following order, before recommending the use of or applying any pesticide on City property:

- a. No controls (e.g., tolerating the pest infestation, use of resistant plant varieties or allowing normal life cycle of weeds)
- b. Physical or mechanical controls (e.g., hand labor, mowing)
- c. Cultural controls (e.g., mulching, disking, alternative vegetation), good housekeeping (e.g. cleaning desk area)
- d. Biological controls (e.g., natural enemies or predators)
- e. Reduced-risk chemical controls (e.g., soaps or oils)
- f. Other chemical controls

C. Pesticide Application

1. Only City of Newark employees or appropriate licensed contractors employed by the City who are authorized and trained in pesticide

application (i.e., hold PCA, QAL, QAC, or Structural Branch Operator I, II, or III certifications/licenses) may apply pesticides to or within City property.

2. City of Newark employees are not to apply privately purchased (over the counter) pesticides. Employees shall contact the Maintenance Division for any pest control issues and may be provided with approved, less-toxic pesticides (i.e. Orange Guard, insecticidal soap). All employees shall be reminded on at least an annual basis that privately purchased (over the counter) pesticides shall not be used.
3. When recommending pesticides for use or applying pesticides, applicators will select and apply IPM methods that will have the least impact on water quality, human health and the environment, yet are still effective.
4. Notification: Employees shall be notified prior to pesticide application, particularly when pesticide application occurs within a building.
5. New contracts that are entered into with pest management contractors and other appropriately licensed contractors employed to provide services that involve pesticide application at City properties will include requirements that the contractors follow the requirements of the City's IPM Policy and implement the most current IPM technologies and Best Management Practices.

D. Restricted Chemicals

1. City of Newark employees and/or contractors employed by the City who are trained to recommend or apply pesticides will not use or promote the use of the following pesticides of concern unless specifically approved by the Public Works Director or his/her designee:
 - a. Acute Toxicity Category I chemicals as identified by the Environmental Protection Agency (EPA);
 - b. Organophosphate pesticides (e.g., those containing diazinon, chlorpyrifos, and malathion);
 - c. Pyrethroids (bifentrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin);
 - d. Carbamates (e.g. carbaryl);
 - e. Fipronil; and
 - f. Copper-based pesticides unless:
 - i. Their use is judicious,
 - ii. Other approaches and techniques have been considered, and;
 - iii. Adverse water-quality impacts are minimized to the maximum extent practicable.

2. Applicators will always avoid applications of pesticides that directly contact water, unless the pesticide is registered under Federal and California law for aquatic use.
3. Pesticides that are not approved for aquatic use will not be applied to areas immediately adjacent to water bodies where through drift, drainage, or erosion, there is a reasonable possibility of a pesticide being transported into surface water.

E. Best Management Practices (BMPs)

This section includes BMPs and control measures to protect water quality during the use of pesticides, when it is determined through an IPM process that pesticides must be used.

1. Follow all federal, state, and local laws and regulations governing the use, storage, and disposal of pesticides.
2. Use the least toxic pesticides that will do the job, provided there is a choice.
3. Apply pesticides at the appropriate time to maximize their effectiveness and minimize the likelihood of discharging pesticides in storm water runoff. Avoid application of pesticides if rain is expected (this does not apply to the use of pre-emergent herbicide applications when required by the label for optimal results.)
4. Employ techniques to minimize off-target application (i.e. spray drift) of pesticides, including consideration of alternative application techniques. For example, when spraying is required, increase drop size, lower application pressure, use surfactants and adjuvants, use wick application, etc.
5. Apply pesticides only when wind speeds are low.
6. Mix and apply only as much material as is necessary for treatment. Calibrate application equipment prior to and during use to ensure desired application rate.
7. Do not mix or load pesticides in application equipment adjacent to a storm drain inlet, culvert, or watercourse.
8. Irrigate slowly to prevent runoff, and do not over-water.

VI. REPORTING REQUIREMENTS

The information outlined below is reported as a part of the City's NPDES Stormwater Permit Annual Report compiled by the Public Works Department's Stormwater Program. Each pest management contractor, and/or other appropriately licensed contractors employed by the City to provide city services that involved pesticide application on City-owned properties shall submit by July 15th to the Maintenance Division Supervisor:

A. Annual Storage/Inventory Report – due July 15 of each fiscal year

City staff will report on inventory stored on City-owned properties.

Completed form should list:

1. Product name
2. Pesticide type
3. Quantity on hand (as of June 30)
4. Pesticides that are no longer legal or appropriate for applications per Federal, State, County, or City requirements.

B. Annual Pesticide Use Summary Report – due July 15 of each fiscal year

This report is required by City staff and contractors. Compilation of the monthly reports submitted by contractors per contract specifications will be considered contractor compliance of this reporting requirement.

Completed reports should list:

1. Manufacturer and product name
2. Pesticide type
3. The total quantity of each pesticide used during the prior fiscal year (from July 1 to June 30) in order to provide a cumulative accounting of pesticide use at City-owned properties.

10-1.05 INTEGRATED PEST MANAGEMENT (IPM) FOR PEST AND DISEASE CONTROL

The Contractor shall follow the City's Integrated Pest Management (IPM) policy and utilize generally accepted Best Management Practices (Section 10-1.08) to the maximum extent practicable for the control or management of pests and disease in and around City buildings and facilities, parks and urban landscape areas, rights-of-way, and other City properties. The Contractor shall use the most current IPM technologies available to ensure the long-term prevention or suppression of pest problems and to minimize negative impacts on the environment, non-target organisms, and human health.

The Contractor shall consider the options or alternatives (IPM hierarchy) listed below in the following order, before recommending the use of or applying any pesticide on City property:

1. No controls (e.g., tolerating the pest infestation)
2. Physical or mechanical controls (e.g., hand labor)
3. Cultural controls (removal of pest attractants)
4. Biological controls (e.g., natural enemies or predators)
5. Reduced-risk chemical controls (e.g., soaps or oils)
6. Other chemical controls

The Contractor shall, within 48 hours of notification by the Engineer of a pest and/or disease problem, provide a recommendation to the Engineer for the appropriate pest and disease control measures to address the problem. The option(s) selected from the above IPM hierarchy for pest and disease control shall be approved by the Engineer prior to the start of any such activities.

The Contractor shall only utilize personnel who are authorized and trained in pesticide application and familiar with IPM and standard Best Management Practices. Such personnel shall hold Pest Control Advisor (PCA), Qualified Applicator License (QAL), Qualified Applicator Certificate (QAC), or Structural Branch Operator I, II, or III certifications/licenses to apply pesticides to or within City property.

The Contractor's personnel who are trained to recommend or apply pesticides shall not use or promote the use of the following pesticides of concern unless specifically approved in advance by the Engineer:

1. Acute Toxicity Category I chemicals as identified by the Environmental Protection Agency (EPA);
2. Organophosphate pesticides (e.g., those containing diazinon, chlorpyrifos, and malathion);
3. Pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin);
4. Carbamates (e.g. carbaryl);
5. Fipronil; and
6. Copper-based pesticides unless:
 - a. Their use is judicious;

- b. Other approaches and techniques have been considered; and
- c. Adverse water-quality impacts are minimized to the maximum extent practicable.

The Contractor shall always avoid applications of pesticides that directly contact water, unless the pesticide is registered under Federal and California law for aquatic use. Pesticides that are not approved for aquatic use shall not be applied to areas immediately adjacent to water bodies where through drift, drainage, or erosion, there is a reasonable possibility of a pesticide being transported into surface water.

The Contractor shall provide the Engineer with monthly reports of any pesticides used. Monthly reports shall include the manufacturer and product name; pesticide type; and total quantity of each pesticide used on all City-owned properties combined. In addition, any reports due to the California Department of Pesticide Regulation or Alameda County Department of Agriculture shall be completed and submitted by the Contractor, with copies sent to the Engineer.

COMPENSATION

Full compensation for PEST AND DISEASE CONTROL in accordance with the City's Integrated Pest Management policy and applicable Best Management Practices will be considered as included in each monthly contract unit price and no additional payment will be made therefore.

10-1.06 INTEGRATED PEST MANAGEMENT FOR WEED CONTROL

The Contractor shall follow the City's Integrated Pest Management (IPM) policy and utilize generally accepted Best Management Practices (Section 10-1.08) to the maximum extent practicable for the control or management of weeds in and around City buildings and facilities, parks and urban landscape areas, rights-of-way, and other City properties. The Contractor shall use the most current IPM technologies available to ensure the long-term prevention or suppression of weed problems and to minimize negative impacts on the environment, non-target organisms, and human health.

The Contractor shall consider the options or alternatives (IPM hierarchy) listed below in the following order, before recommending the use of or applying any pesticide (including any herbicide) on City property:

1. No controls (e.g., tolerating the weed infestation, allowing the normal life cycle of weeds)
2. Physical or mechanical controls (e.g., hand labor, mowing)
3. Cultural controls (e.g., mulching, disking, alternative vegetation)
4. Biological controls (e.g., alternative plant material)
5. Reduced-risk chemical controls
6. Other chemical controls

The Contractor shall only utilize personnel who are authorized and trained in pesticide application and familiar with IPM and standard Best Management Practices. Such personnel shall hold Pest Control Advisor (PCA), Qualified Applicator License (QAL), Qualified Applicator Certificate (QAC), or Structural Branch Operator I, II, or III certifications/licenses to apply pesticides to or within City property.

The Contractor's personnel who are trained to recommend or apply pesticides shall not use or promote the use of any pesticides of concern unless specifically approved in advance by the Engineer, including any Acute Toxicity Category I chemicals as identified by the Environmental Protection Agency (EPA).

The Contractor shall always avoid applications of pesticides that directly contact water, unless the pesticide is registered under Federal and California law for aquatic use. Pesticides that are not approved for aquatic use shall not be applied to areas immediately adjacent to water bodies where through drift, drainage, or erosion, there is a reasonable possibility of a pesticide being transported into surface water.

At the direction of the Engineer, following a joint review by the Engineer and Contractor of field conditions and the IPM hierarchy specified herein, a broad-spectrum pre-emergent weed control such as Snapshot® or an approved equal shall be applied twice each year, once in May and once in November, to landscaped areas. The Contractor shall notify the Engineer prior to the application of any pre-emergent herbicide to any area. The Contractor shall apply a post emergent herbicide to all weed growth that is equal to or taller than one (1) inch in height. All weeds that reach maturity (flowering) and/or propagate seeds in a maintenance area will be

considered as failed services and in violation, and compensation may be withheld in accordance with the section entitled Failed Services herein.

At the direction of the Engineer, following a joint review by the Engineer and Contractor of field conditions and the IPM hierarchy specified herein, the Contractor shall apply to all turf areas, once in April and once in September, a supplemental broadleaf herbicide treatment, such as Turflon®, or an approved equal. The Contractor shall immediately remove the persistent *Bellis perennis*, or English Daisy randomly growing in any turf area by mechanical means, or if approved by the Engineer, by spot spraying a post emergent herbicide.

The Contractor shall provide the Engineer with monthly reports of any pesticides used. Monthly reports shall include the manufacturer and product name; pesticide type; and total quantity of each pesticide used on all City-owned properties combined. In addition, any reports due to the California Department of Pesticide Regulation or Alameda County Department of Agriculture shall be completed and submitted by the Contractor, with copies sent to the Engineer.

COMPENSATION

Full compensation for WEED CONTROL in accordance with the City's Integrated Pest Management policy and applicable Best Management Practices will be considered as included in each monthly contract unit price and no additional payment will be made therefore.

10-1.07 INTEGRATED PEST MANAGEMENT FOR RODENT CONTROL

The Contractor shall follow the City's Integrated Pest Management (IPM) policy and utilize generally accepted Best Management Practices (Section 10-1.08) to the maximum extent practicable for the control or management of rodents in and around City buildings and facilities, parks and urban landscape areas, rights-of-way, and other City properties. The Contractor shall use the most current IPM technologies available to ensure the long-term prevention or suppression of rodent problems and to minimize negative impacts on the environment, non-target organisms, and human health.

The Contractor shall consider the options or alternatives (IPM hierarchy) listed below in the following order, before recommending the use of or applying any pesticide (including any rodenticide) on City property:

1. No controls (e.g., tolerating the rodent infestation)
2. Physical or mechanical controls (e.g., traps or other physical or mechanical capture devices)
3. Cultural controls (e.g., removal of material attracting rodents, good housekeeping practices)
4. Biological controls (e.g., modification or removal of habitat)
5. Reduced-risk chemical controls
6. Other chemical controls

The Contractor shall only utilize personnel who are authorized and trained in pesticide application and familiar with IPM and standard Best Management Practices. Such personnel shall hold Pest Control Advisor (PCA), Qualified Applicator License (QAL), Qualified Applicator Certificate (QAC), or Structural Branch Operator I, II, or III certifications/licenses to apply pesticides to or within City property.

The Contractor's personnel who are trained to recommend or apply pesticides shall not use or promote the use of any pesticides of concern unless specifically approved in advance by the Engineer, including any Acute Toxicity Category I chemicals as identified by the Environmental Protection Agency (EPA).

The Contractor shall always avoid applications of pesticides that directly contact water, unless the pesticide is registered under Federal and California law for aquatic use. Pesticides that are not approved for aquatic use shall not be applied to areas immediately adjacent to water bodies where through drift, drainage, or erosion, there is a reasonable possibility of a pesticide being transported into surface water.

At the direction of the Engineer, following a joint review by the Engineer and Contractor of field conditions and the IPM hierarchy specified herein, the Contractor shall perform rodent control for the eradication of rodents such as gophers and ground squirrels. Any and all methods employed to perform rodent control shall conform to all Federal, State and County environmental regulations. The Contractor shall immediately schedule rodent control services upon notification by the Engineer of a rodent infestation. In addition to the IPM hierarchy and Best Management Practices (Section 10-1.08) identified herein, rodent control shall be performed in accordance with the following criteria:

- All rodents to be controlled shall be identified; and their feeding habits shall be determined prior to treatment of the area.
- All mounds shall be raked level a minimum of 24 hours prior to treatment to determine which burrows are active. The treated mounds shall be raked smooth not later than 24 hours after treatment to confirm effectiveness.
- The soil shall be checked in the area to be treated to insure proper soil moisture exists prior to treatment with any treated baits.
- All treated bait, traps, and gases used to control rodents shall be placed in the tunnel. Traps shall be covered with soil once inserted into tunnel to prevent vandalism and to ensure public safety.
- Any and all spilled bait shall be disposed of in accordance with Title 3, Division 6 of the State of California Department of Food and Agriculture regulations.
- All bait containers and/or applicators shall be of the type that will minimize spills.
- All treated areas shall be inspected after treatment for dying animals. The Contractor shall remove all dying animals and/or carcasses and dispose of them off-site prior to the end of each work day until the area no longer requires further treatment.

If the treatment has not been applied within two (2) working days after notification by the City, the Contractor may be considered noncompliant with the Contract and in violation of the section entitled Failed Services as cited herein.

The Contractor shall provide the Engineer with monthly reports of any pesticides used. Monthly reports shall include the manufacturer and product name; pesticide type; and total quantity of each pesticide used on all City-owned properties combined. In addition, any reports due to the California Department of Pesticide Regulation or Alameda County Department of Agriculture shall be completed and submitted by the Contractor, with copies sent to the Engineer.

COMPENSATION

Full compensation for RODENT CONTROL in accordance with the City's Integrated Pest Management policy and applicable Best Management Practices will be considered as included in each monthly contract unit price and no additional payment will be made therefore.

10-1.08 BEST MANAGEMENT PRACTICES

The Contractor shall implement all Best Management Practices and control measures described herein, or as further directed by the Engineer, for compliance with the Municipal Regional Stormwater NPDES Permit (MRSP) issued to the City of Newark by the Regional Water Quality Control Board – San Francisco Bay, Order No. R2-2009-0074, NPDES Permit No. CAS612008, adopted October 14, 2009, revised November 28, 2011, and any subsequent revisions thereto.

The Contractor shall have assigned to the project at least one employee who has successfully completed the Pollution Prevention Training & Certification Program for Surface Cleaners issued by the Bay Area Stormwater Management Agencies Association (BASMAA).

The Contractor shall complete all pest and disease control, weed control, and rodent control activities in accordance with the City's Integrated Pest Management (IPM) policy, including the following Best Management Practices (BMPs) to protect water quality during the use of pesticides, when it is determined through the IPM process that pesticides must be used:

1. Follow all federal, state, and local laws and regulations governing the use, storage, and disposal of pesticides.
2. Use the least toxic pesticides that will do the job, provided there is a choice.
3. Apply pesticides at the appropriate time to maximize their effectiveness and minimize the likelihood of discharging pesticides in stormwater runoff. Avoid application of pesticides if rain is expected. (This does not apply to the use of pre-emergent herbicide applications when required by the label for optimal results.)
4. Employ techniques to minimize off-target application (i.e. spray drift) of pesticides, including consideration of alternative application techniques. For example, when spraying is required, increase drop size, lower application pressure, use surfactants and adjuvants, use wick application, etc.
5. Apply pesticides only when wind speeds are low.
6. Mix and apply only as much material as is necessary for treatment. Calibrate application equipment prior to and during use to ensure desired application rate.
7. Do not mix or load pesticides in application equipment adjacent to a storm drain inlet, culvert, or watercourse.
8. Irrigate slowly to prevent runoff, and do not over-water.

Pest and disease control shall further be performed in accordance with the Standard Specifications, Section 7-1.01H, "Use of Pesticides", and Section 20-4.026 "Pesticides", except that the use of granular or pellet forms of pesticide for weed control are acceptable; and the following requirements shall be met:

- All pests and diseases to be treated shall be identified and life stage determined prior to treatment.
- All areas, which may be adversely affected by chemical treatment operation, shall be identified (i.e., waterways, eating areas and agricultural production areas); and all precautionary measures necessary shall be taken to prevent contamination of these areas.

- All pesticides shall be applied in accordance with the label recommendations and shall be applied to infested areas only.
- All spilled pesticides and empty pesticide containers shall be disposed of in accordance with Title 3, Division 6 of the State of California Food and Agriculture regulations.

All restricted chemicals to be used to control weeds, insects, rodents, and diseases shall be approved by the Alameda County Department of Agriculture prior to use. A written recommendation of the proposed restricted chemicals to be used, prepared by a licensed California State Pest Control Advisor, accompanied by a Notice of Intent to Apply Restricted/Non-Restricted Materials form prepared by the Contractor shall be provided to the Engineer. The Contractor shall notify the Alameda County Department of Agriculture a minimum of 24 hours prior to intended use. No services shall begin until the Engineer acknowledges receipt of a copy of the Notice of Intent to Apply Restricted/Non-Restricted Materials form.

Chemicals shall only be applied by properly outfitted personnel, including the appropriate safety measures, under the direct supervision of person(s) possessing a valid Qualified Applicator License or Qualified Applicator Certificate in the appropriate category. Application shall be in accordance with all governing regulations. Records of all written recommendations and operations stating dates, times, methods of application, approved Notice of Intent to Apply Restricted/Non-Restricted Materials, applicator's name(s) and weather conditions at the time of application shall be made and retained in an active file by the Contractor for a minimum of one year.

All damage resulting from the Contractor's chemical application operations shall be repaired or replaced at Contractor's expense within 20 calendar days.

AGREEMENT (PUBLIC WORKS CONTRACT)

THIS AGREEMENT, made and entered into this 9th day, of December, 2010, and between the CITY OF NEWARK, a municipal corporation and the General Law Class, State of California, hereinafter called the "CITY" and New Image Landscape, a Corporation, hereinafter called the "CONTRACTOR":

WITNESSETH:

That the City and Contractor for the consideration, hereinafter named, agree as follows:

1. That complete Contract includes all of the Contract Documents as if set forth in full herein, to wit: the Notice to Contractors, the Proposal to the City of Newark, the Accepted Bid (Unit Price Schedule), the Bidder's Statement of Subcontractors, the Performance Bond, the Payment Bond, the Plans and Specifications, this Agreement, and all Addenda setting forth any modifications or interpretations of any of said Documents.
2. The Contractor will furnish all materials except as otherwise provided in the Specifications and on the Plans and will perform all the work necessary to construct and complete in a good workmanlike and substantial manner, and to the satisfaction of the Engineer, public improvements in accordance with that certain document headed:

Park And Landscape Maintenance Services Project 1004A

and the Standard Specifications and Plans of the Department of Transportation, State of California, dated May 2006.

All of the above work is on City property, and under the direction of the Engineer or other official designated by the City to supervise said work, all as provided in and subject to the Contract Documents.

3. The City will pay the Contractor in current funds for the performance of the Contract on the basis of the accepted unit prices and the actual measured quantities of work done at such time as are stated in the Specifications, and will otherwise fulfill its obligations there under.
4. All time limits stated in the Contract Documents are of the essence of this Agreement.
5. The statement of prevailing wages appearing in the Equipment Rental Rates and General Prevailing Wage Rates is hereby specifically referred to and by this reference is made a part of this contract. It is further expressly agreed by and between the parties hereto that should there be any conflict between the terms of this instrument and the bid or proposal

of said Contractor, then this instrument shall control and nothing herein shall be considered as an acceptance of said terms of said proposal conflicting herewith.

6. By my signature hereunder, as Contractor, I certify that I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.
7. If any action shall be brought by City for damages under the provisions of this Contract or for the enforcement of any of the conditions, covenants or agreements herein set forth on the part of Contractor to be kept and performed and City shall prevail in any such action, Contractor agrees to pay City on demand a reasonable attorney's fee not exceeding the sum of \$10,000.00 and further agrees that said attorney's fee shall become a part of City's judgment in any such action.
8. Contractor hereby agrees to defend, indemnify, and save harmless City, its Council, boards, commissions, officers, employees, and agents, from and against any and all claims, suits, actions liability, loss, damage, injury, expense, cost (including, without limitation, costs, and fees of litigation) of every nature, kind or description, which may be brought against, or suffered or sustained by, City, its Council, boards, commissions, officers, employees, or agents caused by, or alleged to have been caused by, the negligence, intentional tortuous act or omission, or willful misconduct of Contractor, its officers, employees, or agents in the performance of any service or work pursuant to this Contract

The duty of Contractor to indemnify and save harmless, as set forth herein, shall include the duty to defend as set forth in Section 2778 of the California Civil Code; provided, however, that nothing herein contained shall be construed to require Contractor to indemnify City, its Council, boards, commissions, officers, employees, and agents against any responsibility or liability in contravention of Section 2782 of the California Civil Code.

Approval of the insurance contracts does not relieve the Contractor or subcontractors from liability under this paragraph, including but not limited to the duty to indemnify City set forth herein. By execution of this Contract Contractor acknowledges and agrees that it has read and understands the provisions hereof and that this paragraph is a material element of consideration.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

CITY OF NEWARK
a Municipal Corporation

FOR THE CONTRACTOR:

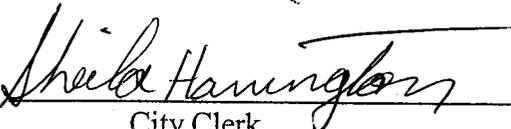
New Image Landscape Company

Guillermo Ruvalcaba, Vice President

By 
Mayor

By 

ATTEST:


City Clerk

APPROVED AS TO FORM:


City Attorney

10-1.05 PEST AND DISEASE CONTROL

All landscaped areas shall be maintained free of pests and disease including, but not limited to snails, sow bugs, aphids, scale, caterpillars, fungi and algae that could cause damage to plants, irrigation systems, facilities or cause erosion. The Contractor shall, within 48 hours, schedule the appropriate pest and disease control measures to eliminate pest and disease problem when notified by the Engineer.

Any reports due the California Department of Pesticide Regulation or Alameda County Department of Agriculture shall be completed and submitted by the Contractor, with copies sent to the Engineer. Non-restricted chemicals shall be used whenever possible to perform pest and disease control in landscape areas.

COMPENSATION

Full compensation for PEST AND DISEASE CONTROL; will be considered as included in each monthly contract unit price and no additional payment will be made therefore.

10-1.06 WEED CONTROL

A regular program of pre-emergent chemical application shall be used as often as is necessary to maintain landscaped areas in a weed free condition. Weed growth shall not exceed 1-inch in height. Non-restricted chemicals shall be used whenever possible for weed control, supplemented by mechanical and/or hand removal of all weeds or grasses as necessary.

A broad-spectrum pre-emergent weed control such as Snapshot® or an approved equal shall be applied twice each year, once in May and once in November, to landscaped areas. The Contractor shall notify the Engineer prior to the application of any pre-emergent herbicide to any area. The Contractor shall apply a post emergent herbicide to all weed growth that is equal to or taller than 1-inch in height. All weeds that reach maturity (flowering) and/or propagate seeds in a maintenance area will be considered as failed services and in violation, and money will be withheld in accordance with the section entitled Failed Services herein.

The Contractor shall apply to all turf areas, once in April and once in September, a supplemental broadleaf herbicide treatment, such as Turflon, or an approved equal. The Contractor shall immediately spot spray with a post emergent herbicide and/or mechanically remove the persistent *Bellis perennis*, or English Daisy randomly growing in any turf area.

COMPENSATION

Full compensation for WEED CONTROL will be considered as included in each monthly contract unit price and no additional payment will be made therefore.

10-1.07 RODENT CONTROL

All landscaped areas shall be maintained free of rodents such as gophers and ground squirrels. Non-restricted chemicals shall be used whenever possible to perform pest control for the eradication of rodents. All methods employed to perform rodent control shall conform to all Federal, State and County environmental regulations. The Contractor shall immediately schedule rodent control services upon notification by the Engineer of a rodent infestation. Rodent control shall be performed in accordance with the following criteria:

- All rodents to be controlled shall be identified; and their feeding habits shall be determined prior to treatment of the area.
- All mounds shall be raked level a minimum of 24 hours prior to treatment to determine which burrows are active. The treated mounds shall be raked smooth not later than 24 hours after treatment to confirm effectiveness.
- The soil shall be checked in the area to be treated to insure proper soil moisture exists prior to treatment with treated baits.
- All treated bait, traps, and gases used to control rodents shall be placed in the tunnel. Traps shall be covered with soil once inserted into tunnel to prevent vandalism and to ensure public safety.
- All spilled bait shall be disposed of in accordance with Title 3, Division 6 of the State of California Department of Food and Agriculture regulations.
- All bait containers and/or applicators shall be of the type that will minimize spills.
- All treated areas shall be inspected after treatment for dying animals. The Contractor shall remove all dying animals and/or carcasses and dispose of them off-site prior to the end of each work day until the area no longer requires further treatment.

If the treatment has not been applied within 2 working days after notification by the City, the Contractor will be considered as noncompliant with the Contract and in violation of the section entitled Failed Services as cited herein.

COMPENSATION

Full compensation for RODENT CONTROL will be considered as included in each monthly contract unit price and no additional payment will be made therefore.

10-1.08 BEST MANAGEMENT PRACTICES

The Contractor shall have assigned to the project at least one employee who has successfully completed the Pollution Prevention Training & Certification Program For Surface Cleaners issued by the Bay Area StormWater Management Agencies Association (BASMAA). www.basmaa.org

Pest and disease control shall be performed in accordance with the Standard Specifications, Section 7-1.01H, "Use of Pesticides", and Section 20-4.026 "Pesticides", except that the use of granular or pellet forms of pesticide for weed control are acceptable; and the following requirements:

- All pests and diseases to be treated shall be identified and life stage determined prior to treatment.
- All areas, which may be adversely affected by chemical treatment operation, shall be identified (i.e., waterways and eating areas and agricultural production areas) and all precautionary measures necessary shall be taken to prevent contamination of these areas.
- All pesticides shall be applied in accordance with the label recommendations and shall be applied to infested areas only.
- All spilled pesticides and empty pesticide containers shall be disposed of in accordance with Title 3, Division 6 of the State of California Food and Agriculture regulations.

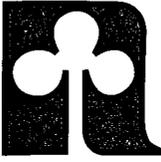
All restricted chemicals to be used to control weeds, insects, rodents, and diseases shall be approved by the Alameda County Department of Agriculture prior to use. A written recommendation of the proposed restricted chemicals to be used, prepared by a licensed California State Pest Control Advisor, accompanied by a Notice of Intent to Apply Restricted/Non-Restricted Materials form prepared by the Contractor shall be provided to the Engineer. The Contractor shall notify the Alameda County Department of Agriculture a minimum of 24 hours prior to intended use. No services shall begin until the Engineer's acknowledges receipt of a copy of the Notice of Intent to Apply Restricted/Non-Restricted Materials form.

Chemicals shall only be applied by properly outfitted personnel, including the appropriate safety measures, under the direct supervision of person(s) possessing a valid Qualified Applicator's License or Qualified Applicator's Certificate in the appropriate category. Application shall be in accordance with all governing regulations. Records of all written recommendations and operations stating dates, times, methods of application, approved Notice of Intent to Apply Restricted/Non-Restricted Materials, applicator's names and weather conditions at the time of application shall be made and retained in an active file for a minimum of one year.

All damage resulting from the Contractor's chemical application operations shall be repaired or replaced at Contractor's expense within 20 calendar days.

10-1.09 FERTILIZATION

All landscaped areas that contain shrubs, trees, and groundcover shall be fertilized with a balanced fertilizer that contains trace elements, including chelated iron, twice per year: April and September. All turf areas shall be fertilized four times per year, in March, May, July, and October. During drought years fertilization of turf areas will be reduced to twice per year: May and October to reduce the need for summer watering. A complete balanced granular-type fertilizer containing as a minimum one pound of Nitrogen per 1,000 square feet, and containing



CITY OF NEWARK, CALIFORNIA

37101 Newark Boulevard • Newark, California 94560-3796 • (510) 793-1400 • FAX (510) 794-2306

November 14, 2011

Mr. Guillermo Ruvalcaba
New Image Landscape Company
3250 Darby Common
Fremont, CA 94539

RE: PARK AND LANDSCAPE MAINTENANCE SERVICES PROJECT 1004B

Dear Guillermo:

As you know, page 8, of the Specifications for the Park and Landscape Maintenance Services Project states "If both the City and the successful Bidder agree, this contract is renewable for up to two (2) additional one (1) year periods." We would like to extend this project for an additional year.

The new contract will be for the period January 1, 2012 through December 31, 2012. Renewal contract prices will remain the same due to the current economic climate.

The 2012 Project's Unit Price Schedule is as follows:

No.	Description	Monthly Price	Contract Total
1.	Landscape & Lighting District #1	820.00	9,840.00
2.	Landscape & Lighting District #2	215.00	2,580.00
3.	Landscape & Lighting District #4	70.00	840.00
4.	Landscape & Lighting District #6	100.00	1,200.00
5.	Landscape & Lighting District #7	990.00	11,880.00
6.	Landscape & Lighting District #11	620.00	7,440.00
7.	Landscape & Lighting District #15	50.00	600.00
8.	Landscape & Lighting District #16	160.00	1,920.00
9.	Landscape & Lighting District #17	190.00	2,280.00
10.	Cedar Boulevard East	355.00	4,260.00
11.	Cherry Street Back-up and Wall	280.00	3,360.00
12.	Cherry Street Medians	45.00	540.00
13.	Jarvis Avenue Haley & Fircrest	250.00	3,000.00
14.	Thornton Avenue East	920.00	11,040.00
15.	Thornton Avenue Back-up and Wall	210.00	2,520.00
16.	Cedar Boulevard West	40.00	480.00
17.	6128 Thornton Avenue	180.00	2,160.00
18.	Thornton Avenue West	80.00	960.00
19.	Magnolia Plaza	55.00	660.00
20.	George M. Silliman Center	3,990.00	47,880.00
	Totals	\$9,620.00	\$115,440.00

Please certify your agreement to the contract renewal at the agreed prices by signing this letter at the bottom and returning it to me along with the following items:

1. Performance Bond for two months service in the amount of \$19,240.00.
2. Insurance Documents, Exhibits A-C and the Certificate of Insurance.

Please return two copies of the bonds with the proper notarizations attached and the fully executed insurance endorsements.

We will release the current bonds after this year's work is accepted by City Council.

If you have any questions, please call me at (510) 578-4811.



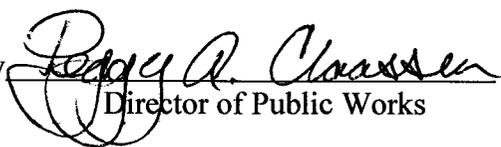
SUE CAREY
Maintenance Supervisor

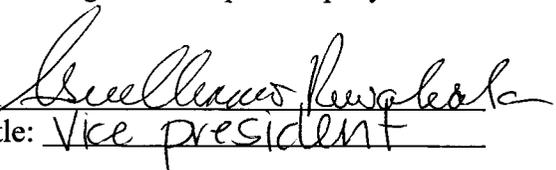
I hereby certify that New Image Landscape Company agrees to extend the Park & Landscape Maintenance Project for one year, from January 1, 2012 through December 31, 2012.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year written.

CITY OF NEWARK
a Municipal Corporation

FOR THE CONTRACTOR:
New Image Landscape Company

By 
Director of Public Works

By 
Title: Vice president

Date: 12-5-11

Date: 11/28/2011



CITY OF NEWARK
CONTRACT CHANGE ORDER NO. 2

PROJECT NAME: **PARK AND LANDSCAPE MAINTENANCE SERVICES**

SHEET 1 OF 8 SHEETS
PROJECT NO. 1004B

TO: **New Image Landscape Company, Contractor**

May 15, 2012

By reason of this order, the time of completion will be adjusted as follows: No adjustment

DESCRIPTION OF WORK

Sections 10-1.05 PEST AND DISEASE CONTROL (page 35), 10-1.06 WEED CONTROL (page 35), 10-1.07 RODENT CONTROL (page 36), and 10-1.08 BEST MANAGEMENT PRACTICES (page 36) of the Specifications shall be amended to read the following:

10-1.05 INTEGRATED PEST MANAGEMENT (IPM) FOR PEST AND DISEASE CONTROL

The Contractor shall follow the City's Integrated Pest Management (IPM) policy and utilize generally accepted Best Management Practices (Section 10-1.08) to the maximum extent practicable for the control or management of pests and disease in and around City buildings and facilities, parks and urban landscape areas, rights-of-way, and other City properties. The Contractor shall use the most current IPM technologies available to ensure the long-term prevention or suppression of pest problems and to minimize negative impacts on the environment, non-target organisms, and human health.

The Contractor shall consider the options or alternatives (IPM hierarchy) listed below in the following order, before recommending the use of or applying any pesticide on City property:

1. No controls (e.g., tolerating the pest infestation)
2. Physical or mechanical controls (e.g., hand labor)
3. Cultural controls (removal of pest attractants)
4. Biological controls (e.g., natural enemies or predators)
5. Reduced-risk chemical controls (e.g., soaps or oils)
6. Other chemical controls

The Contractor shall, within 48 hours of notification by the Engineer of a pest and/or disease problem, provide a recommendation to the Engineer for the appropriate pest and disease control measures to address the problem. The option(s) selected from the above IPM hierarchy for pest and disease control shall be approved by the Engineer prior to the start of any such activities.

The Contractor shall only utilize personnel who are authorized and trained in pesticide application and familiar with IPM and standard Best Management Practices. Such personnel shall hold Pest Control Advisor (PCA), Qualified Applicator License (QAL), Qualified Applicator Certificate (QAC), or Structural Branch Operator I, II, or III certifications/licenses) to apply pesticides to or within City property

The Contractor's personnel who are trained to recommend or apply pesticides shall not use or promote the use of:



CITY OF NEWARK
CONTRACT CHANGE ORDER NO. 2

PROJECT NAME: **PARK AND LANDSCAPE MAINTENANCE SERVICES**

SHEET 2 OF 8 SHEETS
PROJECT NO. 1004B

TO: **New Image Landscape Company, Contractor**

May 15, 2012

By reason of this order, the time of completion will be adjusted as follows: No adjustment

1. Acute Toxicity Category I chemicals as identified by the Environmental Protection Agency (EPA);
2. Organophosphate pesticides (e.g., those containing diazinon, chlorpyrifos, and malathion);
3. Pyrethroids (bifentrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin);
4. Carbamates (e.g. carbaryl);
5. Fipronil; and
6. Copper-based pesticides unless:
 - a. Their use is judicious,
 - b. Other approaches and techniques have been considered, and;
 - c. Adverse water-quality impacts are minimized to the maximum extent practicable.

The Contractor shall always avoid applications of pesticides that directly contact water, unless the pesticide is registered under Federal and California law for aquatic use. Pesticides that are not approved for aquatic use shall not be applied to areas immediately adjacent to water bodies where through drift, drainage, or erosion, there is a reasonable possibility of a pesticide being transported into surface water.

Any reports due the California Department of Pesticide Regulation or Alameda County Department of Agriculture shall be completed and submitted by the Contractor, with copies sent to the Engineer. The Contractor shall provide the Engineer with monthly reports of any pesticides used.

COMPENSATION

Full compensation for PEST AND DISEASE CONTROL in accordance with the City's Integrated Pest Management policy and applicable Best Management Practices will be considered as included in each monthly contract unit price and no additional payment will be made therefore.

10-1.06 INTEGRATED PEST MANAGEMENT FOR WEED CONTROL

The Contractor shall follow the City's Integrated Pest Management (IPM) policy and utilize generally accepted Best Management Practices (Section 10-1.08) to the maximum extent practicable for the control or management of weeds in and around City buildings and facilities, parks and urban landscape areas, rights-of-way, and other City properties. The Contractor shall use the most current IPM technologies available to ensure the long-term prevention or suppression of weed problems and to minimize negative impacts on the environment, non-target organisms, and human health.

The Contractor shall consider the options or alternatives (IPM hierarchy) listed below in the following order, before recommending the use of or applying any pesticide (including any herbicide) on City property:



CITY OF NEWARK
CONTRACT CHANGE ORDER NO. 2

PROJECT NAME: **PARK AND LANDSCAPE MAINTENANCE SERVICES**

SHEET 3 OF 8 SHEETS
PROJECT NO. 1004B

TO: **New Image Landscape Company, Contractor**

May 15, 2012

By reason of this order, the time of completion will be adjusted as follows: No adjustment

1. No controls (e.g., tolerating the weed infestation, allowing the normal life cycle of weeds)
2. Physical or mechanical controls (e.g., hand labor, mowing)
3. Cultural controls (e.g., mulching, disking, alternative vegetation),
4. Biological controls (e.g., alternative plant material)
5. Reduced-risk chemical controls
6. Other chemical controls

The Contractor shall only utilize personnel who are authorized and trained in pesticide application and familiar with IPM and standard Best Management Practices. Such personnel shall hold Pest Control Advisor (PCA), Qualified Applicator License (QAL), Qualified Applicator Certificate (QAC), or Structural Branch Operator I, II, or III certifications/licenses) to apply pesticides to or within City property

The Contractor's personnel who are trained to recommend or apply pesticides shall not use or promote the use of:

1. Acute Toxicity Category I chemicals as identified by the Environmental Protection Agency (EPA);
2. Organophosphate pesticides (e.g., those containing diazinon, chlorpyrifos, and malathion);
3. Pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin);
4. Carbamates (e.g. carbaryl);
5. Fipronil; and
6. Copper-based pesticides unless:
 - a. Their use is judicious,
 - b. Other approaches and techniques have been considered, and;
 - c. Adverse water-quality impacts are minimized to the maximum extent practicable.

The Contractor shall always avoid applications of pesticides that directly contact water, unless the pesticide is registered under Federal and California law for aquatic use. Pesticides that are not approved for aquatic use shall not be applied to areas immediately adjacent to water bodies where through drift, drainage, or erosion, there is a reasonable possibility of a pesticide being transported into surface water.

At the direction of the Engineer following a joint review by the Engineer and Contractor of field conditions and the IPM hierarchy specified herein, a broad-spectrum pre-emergent weed control such as Snapshot® or an approved equal shall be applied twice each year, once in May and once in November, to landscaped areas. The Contractor shall notify the Engineer prior to the application of any pre-emergent herbicide to any area. The Contractor shall apply a post emergent herbicide to all weed growth that is equal to or taller than 1-inch in height. All weeds that reach maturity (flowering) and/or propagate seeds in a maintenance area will be considered as failed services and in violation, and compensation may be withheld in accordance with the section entitled Failed Services herein.



CITY OF NEWARK
CONTRACT CHANGE ORDER NO. 2

PROJECT NAME: **PARK AND LANDSCAPE MAINTENANCE SERVICES**

SHEET 4 OF 8 SHEETS
PROJECT NO. 1004B

TO: **New Image Landscape Company, Contractor**

May 15, 2012

By reason of this order, the time of completion will be adjusted as follows: No adjustment

At the direction of the Engineer following a joint review by the Engineer and Contractor of field conditions and the IPM hierarchy specified herein, the Contractor shall apply to all turf areas, once in April and once in September, a supplemental broadleaf herbicide treatment, such as Turflon, or an approved equal. The Contractor shall immediately remove the persistent *Bellis perennis*, or English Daisy randomly growing in any turf area by mechanical means, or if approved by the Engineer, by spot spraying a post emergent herbicide

Any reports due the California Department of Pesticide Regulation or Alameda County Department of Agriculture shall be completed and submitted by the Contractor, with copies sent to the Engineer. The Contractor shall provide the Engineering with monthly reports of any pesticides used.

COMPENSATION

Full compensation for WEED CONTROL in accordance with the City's Integrated Pest Management policy and applicable Best Management Practices will be considered as included in each monthly contract unit price and no additional payment will be made therefore.

10-1.07 INTEGRATED PEST MANAGEMENT FOR RODENT CONTROL

The Contractor shall follow the City's Integrated Pest Management (IPM) policy and utilize generally accepted Best Management Practices (Section 10-1.08) to the maximum extent practicable for the control or management of rodents in and around City buildings and facilities, parks and urban landscape areas, rights-of-way, and other City properties. The Contractor shall use the most current IPM technologies available to ensure the long-term prevention or suppression of rodent problems and to minimize negative impacts on the environment, non-target organisms, and human health.

The Contractor shall consider the options or alternatives (IPM hierarchy) listed below in the following order, before recommending the use of or applying any pesticide (including any rodenticide) on City property:

1. No controls (e.g., tolerating the rodent infestation)
2. Physical or mechanical controls (e.g., traps or other physical or mechanical capture devices)
3. Cultural controls (e.g., removal of material attracting rodents, good housekeeping practices),
4. Biological controls (e.g., modification or removal of habitat)
5. Reduced-risk chemical controls
6. Other chemical controls

The Contractor shall only utilize personnel who are authorized and trained in pesticide application and familiar with IPM and standard Best Management Practices. Such personnel shall hold Pest Control Advisor (PCA), Qualified Applicator License (QAL), Qualified Applicator Certificate (QAC), or Structural Branch Operator I, II, or III certifications/licenses) to apply pesticides to or within City property



CITY OF NEWARK
CONTRACT CHANGE ORDER NO. 2

PROJECT NAME: **PARK AND LANDSCAPE MAINTENANCE SERVICES**

SHEET 5 OF 8 SHEETS
PROJECT NO. 1004B

TO: **New Image Landscape Company, Contractor**

May 15, 2012

By reason of this order, the time of completion will be adjusted as follows: No adjustment

The Contractor's personnel who are trained to recommend or apply pesticides shall not use or promote the use of:

1. Acute Toxicity Category I chemicals as identified by the Environmental Protection Agency (EPA);
2. Organophosphate pesticides (e.g., those containing diazinon, chlorpyrifos, and malathion);
3. Pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin);
4. Carbamates (e.g. carbaryl);
5. Fipronil; and
6. Copper-based pesticides unless:
 - a. Their use is judicious,
 - b. Other approaches and techniques have been considered, and;
 - c. Adverse water-quality impacts are minimized to the maximum extent practicable.

The Contractor shall always avoid applications of pesticides that directly contact water, unless the pesticide is registered under Federal and California law for aquatic use. Pesticides that are not approved for aquatic use shall not be applied to areas immediately adjacent to water bodies where through drift, drainage, or erosion, there is a reasonable possibility of a pesticide being transported into surface water.

All landscaped areas shall be maintained free of rodents such as gophers and ground squirrels. Non-restricted chemicals shall be used whenever possible to perform pest control for the eradication of rodents. At the direction of the Engineer following a joint review by the Engineer and Contractor of field conditions and the IPM hierarchy specified herein, the Contractor shall perform rodent control for the eradication of rodents such as gophers and ground squirrels. Any and all methods employed to perform rodent control shall conform to all Federal, State and County environmental regulations. The Contractor shall immediately schedule rodent control services upon notification by the Engineer of a rodent infestation. In addition to the IPM hierarchy and Best Management Practices (Section 10-1.08) identified herein, rodent control shall be performed in accordance with the following criteria:

- All rodents to be controlled shall be identified; and their feeding habits shall be determined prior to treatment of the area.
- All mounds shall be raked level a minimum of 24 hours prior to treatment to determine which burrows are active. The treated mounds shall be raked smooth not later than 24 hours after treatment to confirm effectiveness.
- The soil shall be checked in the area to be treated to insure proper soil moisture exists prior to treatment with any treated baits.
- All treated bait, traps, and gases used to control rodents shall be placed in the tunnel. Traps shall be covered with soil once inserted into tunnel to prevent vandalism and to ensure public safety.



CITY OF NEWARK
CONTRACT CHANGE ORDER NO. 2

PROJECT NAME: **PARK AND LANDSCAPE MAINTENANCE SERVICES**

SHEET 6 OF 8 SHEETS
PROJECT NO. 1004B

TO: **New Image Landscape Company, Contractor**

May 15, 2012

By reason of this order, the time of completion will be adjusted as follows: No adjustment

- Any and all spilled bait shall be disposed of in accordance with Title 3, Division 6 of the State of California Department of Food and Agriculture regulations.
- All bait containers and/or applicators shall be of the type that will minimize spills.
- All treated areas shall be inspected after treatment for dying animals. The Contractor shall remove all dying animals and/or carcasses and dispose of them off-site prior to the end of each work day until the area no longer requires further treatment.

If the treatment has not been applied within 2 working days after notification by the City, the Contractor may be considered as noncompliant with the Contract and in violation of the section entitled Failed Services as cited herein.

COMPENSATION

Full compensation for RODENT CONTROL in accordance with the City's Integrated Pest Management policy and applicable Best Management Practices will be considered as included in each monthly contract unit price and no additional payment will be made therefore.

10-1.08 BEST MANAGEMENT PRACTICES

The Contractor shall implement all Best Management Practices and control measures described herein, or as further directed by the Engineer, for compliance with the Municipal Regional Stormwater NPDES Permit (MRP) issued to the City of Newark by the Regional Water Quality Control Board – San Francisco Bay, Order R2-2009-0074, NPDES Permit No. CAS612008, Adopted October 14, 2009, Revised November 28, 2011, and any subsequent revisions thereto.

The Contractor shall have assigned to the project at least one employee who has successfully completed the Pollution Prevention Training & Certification Program For Surface Cleaners issued by the Bay Area StormWater Management Agencies Association (BASMAA). www.basmaa.org

The Contractor shall complete all pest and disease control, weed control, and rodent control activities in accordance with the City's Integrated Pest Management policy (IPM), including the following Best Management Practices (BMPs) to protect water quality during the use of pesticides, when it is determined through the IPM process that pesticides must be used:

1. Follow all federal, state, and local laws and regulations governing the use, storage, and disposal of pesticides.



CITY OF NEWARK
CONTRACT CHANGE ORDER NO. 2

PROJECT NAME: **PARK AND LANDSCAPE MAINTENANCE SERVICES**

SHEET 7 OF 8 SHEETS
PROJECT NO. 1004B

TO: **New Image Landscape Company, Contractor**

May 15, 2012

By reason of this order, the time of completion will be adjusted as follows: No adjustment

2. Use the least toxic pesticides that will do the job, provided there is a choice.
3. Apply pesticides at the appropriate time to maximize their effectiveness and minimize the likelihood of discharging pesticides in storm water runoff. Avoid application of pesticides if rain is expected (this does not apply to the use of pre-emergent herbicide applications when required by the label for optimal results.)
4. Employ techniques to minimize off-target application (i.e. spray drift) of pesticides, including consideration of alternative application techniques. For example, when spraying is required, increase drop size, lower application pressure, use surfactants and adjuvants, use wick application, etc.
5. Apply pesticides only when wind speeds are low.
6. Mix and apply only as much material as is necessary for treatment. Calibrate application equipment prior to and during use to ensure desired application rate.
7. Do not mix or load pesticides in application equipment adjacent to a storm drain inlet, culvert, or watercourse.
8. Irrigate slowly to prevent runoff, and do not over-water

Pest and disease control shall further be performed in accordance with the Standard Specifications, Section 7-1.01H, "Use of Pesticides", and Section 20-4.026 "Pesticides", except that the use of granular or pellet forms of pesticide for weed control are acceptable; and the following requirements:

- All pests and diseases to be treated shall be identified and life stage determined prior to treatment.
- All areas, which may be adversely affected by chemical treatment operation, shall be identified (i.e., waterways and eating areas and agricultural production areas) and all precautionary measures necessary shall be taken to prevent contamination of these areas.
- All pesticides shall be applied in accordance with the label recommendations and shall be applied to infested areas only.
- All spilled pesticides and empty pesticide containers shall be disposed of in accordance with Title 3, Division 6 of the State of California Food and Agriculture regulations.

All restricted chemicals to be used to control weeds, insects, rodents, and diseases shall be approved by the Alameda County Department of Agriculture prior to use. A written recommendation of the proposed restricted chemicals to be used, prepared by a licensed California State Pest Control Advisor, accompanied by a Notice of Intent to Apply Restricted/Non-Restricted Materials form prepared by the Contractor shall be provided to the Engineer. The Contractor shall notify the Alameda County Department of Agriculture a minimum of 24 hours prior to intended use. No services shall begin until the Engineer's acknowledges receipt of a copy of the Notice of Intent to Apply Restricted/Non-Restricted Materials form.

Chemicals shall only be applied by properly outfitted personnel, including the appropriate safety measures, under the direct supervision of person(s) possessing a valid Qualified Applicator's License or Qualified Applicator's Certificate in the appropriate category. Application shall be in accordance with all governing regulations. Records of all written recommendations and operations stating dates, times, methods of



CITY OF NEWARK, CALIFORNIA

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May 17, 2012

ADDENDUM NO. 1

PROJECT: TREE MAINTENANCE SERVICES, PROJECT 1009

The Contract Documents are hereby revised as indicated by this Addendum #1, dated May 17, 2012.

1. Tree Maintenance Service; Project 1009 Specifications Page 20, Paragraph 4, "Tree Injection":

- Replace with the following:

Tree Injection

The Contractor shall follow the City's Integrated Pest Management Policy (IPM) and utilize generally accepted Best Management Practices (BMPs) to the maximum extent practicable, as listed below, to perform tree injection treatment work for the control or management of aphids in accordance with these Specifications. Applicators shall use the most current and effective IPM technologies available to ensure the long-term prevention or suppression of pest problems and to minimize negative impacts on the environment, non-target organisms, and human health.

The Contractor shall supply the equipment and chemical to treat approximately 46 *Fraxinus velutina* 'Modesto' (Modesto Ash) and 76 *Liriodendron tulipifera* (Tulip tree) trees with a no drill tree injection system that uses a non-restricted insecticide for the treatment of aphid infestation. Treatment shall be done in a circular pattern through evenly spaced tree injection holes to cover the entire trunk where possible. Application of the pesticide shall be in the dormant season giving the pesticide time to translocate throughout the tree for the most effective control. Applications shall be made in accordance with the manufacturer's recommendations and California Department of Pesticides Regulations. Treatment shall be made by a person holding a current qualified applicator license (QAL) or qualified applicator certificate (QAC) in the State of California.

The following options or alternatives were previously considered, in the following order, before specifying the use of non-restricted insecticide on the designated trees:

1. No controls (e.g., tolerating the pest infestation)
2. Physical or mechanical controls (e.g., tree removal)
3. Cultural controls
4. Biological controls (e.g., natural enemies or predators)
5. Reduced-risk chemical controls (e.g., soaps or oils)
6. Other chemical controls

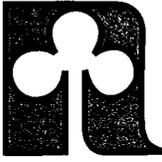
The following applicable Best Management Practices shall be implemented for all tree injection treatment work:

- Follow all federal, state, and local laws and regulations governing the use, storage, and disposal of pesticides.
- Use the least toxic pesticides that will do the job, provided there is a choice.
- Apply pesticides at the appropriate time to maximize their effectiveness and minimize the likelihood of discharging pesticides in storm water runoff. Avoid application of pesticides if rain is expected.
- Employ proper tree injection techniques only to minimize off-target application (i.e. spray drift) of pesticides. Do not spray.
- Apply pesticides only when wind speeds are low.
- Mix and apply only as much material as is necessary for treatment. Calibrate application equipment prior to and during use to ensure desired application rate.
- Do not mix or load pesticides in application equipment adjacent to a storm drain inlet, culvert, or watercourse.
- Irrigate slowly to prevent any runoff, and do not over-water.

Any reports due to the California Department of Pesticide Regulation or Alameda County Department of Agriculture shall be completed and submitted by the Contractor, **with copies sent to the Engineer**. Non-restricted chemicals shall be used whenever possible to perform pest and disease control in landscape areas.

IMPORTANT:

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED BY EXECUTING THE ADDENDA SECTION ON PAGE 47 OF THE SPECIFICATIONS.



CITY OF NEWARK, CALIFORNIA

37101 Newark Boulevard • Newark, California 94560-3796 • (510) 793-1400 • FAX (510) 794-2306

May 31, 2012

Performance Pest Management
3958 Valley Ave.
Suite D
Pleasanton, CA 94566

RE: CITY OF NEWARK'S INTEGRATED PEST MANAGEMENT (IPM) POLICY

Dear Sir;

This letter is to inform you that the City of Newark has revised its Integrated Pest Management (IPM) Policy. The IPM policy includes specific requirements to observe an IPM pest control hierarchy and to implement Best Management Practices (BMPs) for the control or management of pests and disease in and around City buildings and facilities, parks and urban landscape areas, rights-of-way, and other City properties. The Contractor shall use the most current IPM technologies available to ensure the long-term prevention or suppression of pest problems and to minimize negative impacts on the environment, non-target organisms, and human health.

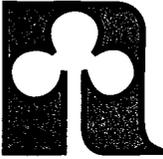
Please review the attached document that must be adhered to before any chemicals are used on City projects.

If you have any questions, please call me at (510) 578-4811.

A handwritten signature in cursive script that reads "Sue Carey".

SUE CAREY
Maintenance Supervisor

Attachment



CITY OF NEWARK, CALIFORNIA

37101 Newark Boulevard • Newark, California 94560-3796 • (510) 793-1400 • FAX (510) 794-2306

May 31, 2012

Big Valley Termite
3958 Valley Ave.
Suite E
Pleasanton, CA 94566

RE: CITY OF NEWARK'S INTEGRATED PEST MANAGEMENT (IPM) POLICY

Dear Sir;

This letter is to inform you that the City of Newark has revised its Integrated Pest Management (IPM) Policy. The IPM policy includes specific requirements to observe an IPM pest control hierarchy and to implement Best Management Practices (BMPs) for the control or management of pests and disease in and around City buildings and facilities, parks and urban landscape areas, rights-of-way, and other City properties. The Contractor shall use the most current IPM technologies available to ensure the long-term prevention or suppression of pest problems and to minimize negative impacts on the environment, non-target organisms, and human health.

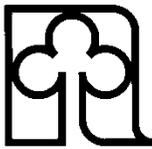
Please review the attached document that must be adhered to before any chemicals are used on City projects.

If you have any questions, please call me at (510) 578-4811.

A handwritten signature in cursive script that reads "Sue Carey".

SUE CAREY
Maintenance Supervisor

Attachment



City of Newark

APA QUOTATION FORM
For the Period 7/1/13 through 6/30/14

Product/Service: PEST CONTROL
ITEM-SPECIFICATIONS

BID PRICE

- 1) Rodent control per station
2) Spray for ants exterior Hourly Rate, Rate per sq. ft
3) Spray for fleas exterior Hourly Rate, Rate per sq ft
4) Rate for emergency service, weekends and holidays Hourly Rate
5) Minimum Service Charge

The City of Newark's Integrated Pest Management (IPM) policy is attached for your reference and will be monitored for compliance. The IPM policy can also be found on the City website at www.newark.org on the Maintenance Division home page.

NOTE: List discounts and other related charges that will be billed:

Vendor Name
Authorized Vendor Signature
Vendor Address/Mailing Address (if different)
Vendor Telephone Number Vendor Fax Number

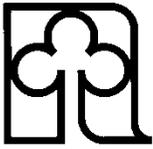
Annual dollar limit: \$ 1,500

Proposed Budget Reconciliation

Table with 3 columns: Activity Code, Account Code, Amount. Rows: 9410, 5251; 9413, 5251

Robert McKinney
510.578.4802

Originator
Phone Number



Product/Service: TERMITE INSPECTION AND CONTROL

Table with 2 columns: ITEM-SPECIFICATIONS and BID PRICE. Rows include: 1) Tenting of structure, base Price; 2) Termite Inspection; 3) Repairs - hourly charge; 4) Other; 5) (blank)

The City of Newark's Integrated Pest Management (IPM) policy is attached for your reference and will be monitored for compliance. The IPM policy can also be found on the City website at www.newark.org on the Maintenance Division home page.

NOTE: List discounts and other related charges that will be billed:

Except for public works projects of one thousand dollars (\$1,000) or less, not less than the general prevailing rate of per diem wages for work of a similar character in the locality in which the public work is performed, and not less than the general prevailing rate of per diem wages for holiday and overtime work fixed as provided in this chapter, shall be paid to all workers employed on public works.

This section is applicable only to work performed under contract, and is not applicable to work carried out by a public agency with its own forces. This section is applicable to contracts let for maintenance work.

Vendor Name
Authorized Vendor Signature
Vendor Address/Mailing Address (if different)
Vendor Phone Number Vendor Fax Number

Annual dollar limit: \$

Proposed Budget Reconciliation

Table with 3 columns: Activity Code, Account Code, Amount. Row 1: 9410, 5280, (blank)

Robert McKinney
510.578.4802

Originator
Phone Number

From: ROBERT COSTA
Sent: Thursday, May 31, 2012 3:15 PM
To: CITYWIDE
Subject: Policy reminder
Attachments: Scanned from SvrCtr 05/31/2012 14:39

Good Afternoon,

We would like to remind all employees how to safely prevent and control unwanted pests at work:

- **Practice good housekeeping** to prevent the conditions that provide a food source and habitat which attract unwanted pests. This includes your workstation, break rooms, common areas, and vehicles.
- **Do not apply privately purchased pesticides.** Employees should contact the Maintenance Division at x4806 immediately upon notice of a pest issue. Maintenance Division staff will respond and follow the City's Integrated Pest Management Policy to address pest issues.

For your information, the City's Integrated Pest Management Policy is attached. If you have any questions, please contact Robert Costa, Maintenance Superintendent at 510-578-4821 or robert.costa@newark.org

Thank you,
Robert Costa

Robert Costa
Maintenance Superintendent
City of Newark – Maintenance Division
Direct (510) 578-4821
Fax (510) 578-4899

*****City Offices are closed alternating Fridays*****

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.2171 / Virus Database: 2425/5036 - Release Date: 05/31/12

dpr DEPARTMENT OF PESTICIDE REGULATION
LICENSING/CERTIFICATION PROGRAM
QUALIFIED APPLICATOR CERTIFICATE



DATE OF ISSUE VALID THROUGH
01/01/2011 12/31/2012
QAC 77824 BF
SUZANNE E CAREY
37440 FILBERT ST
NEWARK CA 94580



dpr DEPARTMENT OF PESTICIDE REGULATION
LICENSING/CERTIFICATION PROGRAM
QUALIFIED APPLICATOR CERTIFICATE



DATE OF ISSUE VALID THROUGH
01/01/2011 12/31/2012
QAC 93424 C
DANIEL A CIANCIARULO
5789 MUSICK AVE
NEWARK CA 94580



dpr DEPARTMENT OF PESTICIDE REGULATION
LICENSING/CERTIFICATION PROGRAM
QUALIFIED APPLICATOR CERTIFICATE



DATE OF ISSUE VALID THROUGH
01/01/2011 12/31/2012
QAC 87408 BCF
MARK S DELAPPE
42745 CHARLESTON WAY
FREMONT CA 94538



dpr DEPARTMENT OF PESTICIDE REGULATION
LICENSING/CERTIFICATION PROGRAM
QUALIFIED APPLICATOR CERTIFICATE



DATE OF ISSUE VALID THROUGH
01/01/2011 12/31/2012
QAC 86155 BC
DENNIS HALL
37440 FILBERT ST
NEWARK CA 94580



dpr DEPARTMENT OF PESTICIDE REGULATION
LICENSING/CERTIFICATION PROGRAM
QUALIFIED APPLICATOR CERTIFICATE



DATE OF ISSUE VALID THROUGH
01/01/2011 12/31/2012
QAC 85056 B
PETE J KELLY
2687 FLORY DR
SAN JOSE CA 95121



DEPARTMENT OF PESTICIDE REGULATION
LICENSING/CERTIFICATION PROGRAM
QUALIFIED APPLICATOR CERTIFICATE



DATE OF ISSUE VALID THROUGH
01/01/2011 12/31/2012
QAC 90806 B
BRIAN J LILJEBLAD
37440 FILBERT ST
NEWARK CA 94580



Attachment 4

City of Newark

Architectural Copper Requirements Handout (C.13)



Requirements for Architectural Copper



Protect water quality during installation, cleaning, treating, and washing!

Copper from Buildings May Harm Aquatic Life

Copper (Cu) can harm aquatic life in San Francisco Bay. Water that comes into contact with architectural copper may contribute to impacts, especially during installation, cleaning, treating, or washing. Patination solutions that are used to obtain the desired shade of green or brown typically contain acids. After treatment, when the copper is rinsed to remove these acids, the rinse water is a source of copper pollutants. Municipalities prohibit discharges to the storm drain of water used in the installation, cleaning, treating and washing of architectural copper.



Building with copper flashing, gutter and drainpipe.

Use Best Management Practices (BMPs)

The following Best Management Practices (BMPs) must be implemented to prevent prohibited discharges to storm drains.

During Installation

- If possible, purchase copper materials that have been pre-patinated at the factory.
- If patination is done on-site, implement one or more of the following BMPs:
 - Collect the rinse water in a tank and haul off-site for proper disposal.
 - Collect rinse water in a tank and pump to the sanitary sewer. Contact the Union Sanitary District (477-7500) before discharging to the sanitary sewer.
- Consider coating the copper materials with a clear coating that prevents further corrosion and runoff. This will also maintain the desired color for a longer time, requiring less maintenance.

During Maintenance

Implement the following BMPs during routine maintenance activities, such as power washing or re-application of a clear coating:

- Minimize washing of architectural copper as it destroys the patina and any protective coatings.
- Block storm drain inlets as needed to prevent runoff from entering storm drains.
- Discharge the wash water to landscaping or to the sanitary sewer (with permission from the local sanitary sewer agency). If this is not an option, haul the wash water off-site for proper disposal.
- During re-patination collect the wastewater for off-site disposal or discharge to the sanitary sewer with permission of the Union Sanitary District.

Protect the Bay and yourself!

If you are responsible for a discharge to the storm drain of non-stormwater generated by installing, cleaning, treating or washing copper architectural features, you are in violation of the municipal stormwater ordinance and may be subject to a fine.



Photo credit: Don Edwards National Wildlife Sanctuary

Contact Information

Contact the City of Newark's Engineering Division at (510)578-4286 or public.works@newark.org. The Clean Water Program website lists additional municipal stormwater contacts at www.cleanwaterprogram.org/report-a-spill.