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# “Other Development Project” Water Quality Checklist

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## *Submittal for the Santa Margarita Region of Riverside County*



Attention: This submittal package only applies to “Other Development Projects” and does not apply to Priority Development Projects. Proceed only if the Applicability Checklist completed for your project categorizes project activities as an “Other Development Project”

### **SUBMITTAL PACKAGE COMPONENTS**

This Submittal Package includes the following Forms:

- **Form 1: Project and Site Information**  
Identify project information, location, characteristics, and existing site characteristics.
- **Form 2: Applicability**  
Identify project type and determine submittal requirement.
- **Form 3: Site Design BMPs**  
Identify Site Design BMPs that will be implemented per the project site.
- **Form 4: Source Control BMPs**  
Identify Source Control BMPs that will be implemented per the project site.
- **Attachment 1: Stormwater Pollutant Sources & Source Control Checklist**  
Lookup table used for completion of Form 4.

## INSTRUCTIONS

Project categorized as "Other Development Projects" are required to comply with the Site Design and Source Control BMPs documented in Section 1.5 of the 2018 Water Quality Management Plan for the Santa Margarita Region of Riverside County available at <http://rcflood.org/npdes/SantaMargaritaWS.aspx>.

Completion and submittal of this "Other Development Project Water Quality Checklist" and acceptance by the City of Murrieta satisfies the stormwater requirements for new and redevelopment projects categorized as "Other Development Projects." Complete each of the four sections based on the existing and proposed condition of the project site and submit to the City of Murrieta. Each section provides references and guidance on how to complete each step and demonstrate compliance.



**Attention: The local jurisdiction may allow different means of demonstrating conformance with requirements that apply to "Other Development Projects." Consult with the local jurisdiction responsible for project intake and plan review.**

## RECAP OF REQUIREMENTS

"Other Development Projects" are required to meet the following general requirements:

- Incorporation of applicable and feasible Site Design BMPs
- Incorporation of applicable and feasible Source Control BMPs

*BMPs are defined as:*

Schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the United States.

*Site Design BMPs are defined as:*

Site design BMPs prevent or minimize the causes (or drivers) of post-construction impacts and help mimic the pre-development hydrologic regime.

*Source Control BMPs are defined as:*

Land use or site planning practices, or structural or nonstructural measures that aim to prevent runoff pollution by reducing the potential for contamination at the source of pollution. Source control BMPs minimize the contact between Pollutants and runoff.

## FORM 1: PROJECT AND SITE INFORMATION

**Completion Guidance:** Use this form to provide basic site information that will be useful for completing subsequent steps and help the City of Murrieta review and track your project. Provide contact information for both the owner of the property where the project is occurring, and the preparer of this submittal (if different than owner).

OWNER'S INFORMATION		PREPARER'S INFORMATION	
Owner's Name	Insert Full Name Here	Preparer's Name	Insert Full Name Here
Mailing Address	Insert Address Line 1 Insert Address Line 2 Insert Address Line 3	Mailing Address	Insert Address Line 1 Insert Address Line 2 Insert Address Line 3
Telephone Number	Insert Phone Number	Telephone Number	Insert Phone Number
<b>PROJECT INFORMATION</b>			
Type of Project:	Insert Text Here (e.g. commercial, residential, etc.)		
Planning Area:	Insert Planning Area if known		
Community Name:	Insert Community Name if known		
Development Name:	Insert Development Name if known		
Project Description:	Insert Brief Description of Project Activities		
<b>PROJECT LOCATION</b>			
Latitude & Longitude:	Insert coordinates here		
Project Address:	Insert address here		
Assessor's Parcel Number(s):	Insert text here		
<b>PROJECT CHARACTERISTICS</b>			
Proposed or potential land use(s)	Insert text here		
Proposed or Potential SIC <sup>1</sup> Code(s)	Insert text here		
Total area of <u>proposed</u> Impervious Surfaces <sup>2</sup> within the Project Limits (Square feet)	Insert text here		
Total Project Area (acres) <sup>3</sup>	Insert text here		
Does the project consist of offsite road improvements?	<input type="checkbox"/> Y <input type="checkbox"/> N		
Does the project propose to construct unpaved roads?	<input type="checkbox"/> Y <input type="checkbox"/> N		
Is the project part of a larger common plan of development (phased project)?	<input type="checkbox"/> Y <input type="checkbox"/> N		
<b>EXISTING SITE CHARACTERISTICS</b>			
Total area of <u>existing</u> Impervious Surfaces within the project limits (Square feet)	Insert text here		
Are there any natural hydrologic features (such as creeks beds, streams, or drainage features) on the project site?	<input type="checkbox"/> Y <input type="checkbox"/> N Describe here		

<sup>1</sup> Information and an SIC search function are available at <https://www.osha.gov/pls/imis/sicsearch.html>.

<sup>2</sup> Impervious surfaces are hard surfaces that prevent rainfall from being absorbed into the ground and include: rooftops, paved areas, and other hardscape features.

<sup>3</sup> The "project" is the whole of an action which has the potential for adding or replacing or resulting in the addition or replacement of roofs, pavement, or other impervious surfaces. The project area is the total footprint of the "project" activities and includes both impervious and pervious areas that are affected by the project.

## FORM 2: APPLICABILITY

**Completion Guidance:** Use this form to document the applicable stormwater and submittal requirements. Projects using this submittal form should be categorized as "Other Development Projects" meaning that all answers should be marked "No". If any "Yes" is marked review project information and check with the Copermittee, project is a PDP and cannot use this submittal template.

### SECTION A: PROJECT INFORMATION (TO BE COMPLETED BY COPERMITTEE)

Project File No.:

Project Name:

### SECTION B: PROJECT TYPE IDENTIFICATION

Proposed Project Consists of or Includes:	Yes	No
<b>New Development.</b> The creation of 10,000 square feet or more of impervious surfaces (collectively over the entire project site) including commercial, industrial, residential, mixed-use, and public projects. New Development Projects include projects that are on public or private land which fall under the planning and building authority of the [Insert Jurisdiction].	<input type="checkbox"/>	<input type="checkbox"/>
<b>Redevelopment.</b> The creation, addition or replacement of 5,000 square feet or more of impervious surfaces (collectively over the entire project site) on sites with at least 10,000 square feet of existing impervious surfaces, including commercial, industrial, residential, mixed-use, and public development projects on public or private land.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Automotive repair shops.</b> The creation, addition, or replacement of 5,000 square feet or more of impervious surfaces that include automotive repair shops that are categorized in any one of the following Standard Industrial Classification (SIC) Codes 5013–Motor vehicle supplies or parts, 5014–Tires & Tubes, 5541–Gasoline Service Stations, 7532–Top, Body & Upholstery Repair Shops and Paint Shops, 7533–Automotive Exhaust System Repair Shops, 7534–Tire Retreading and Repair Shops, 7536–Automotive Glass Replacement Shops, 7537–Automotive Transmission Repair Shops, 7538–General Automotive Repair Shops, 7539–Automotive Repair Shops, not elsewhere classified).	<input type="checkbox"/>	<input type="checkbox"/>
<b>Restaurants.</b> The creation, addition, or replacement of 5,000 square feet or more of impervious surfaces (collectively over the entire project site) at sites that support the selling of prepared foods and drinks for consumption, including stationary lunch counters and refreshment stands selling prepared foods and drinks for immediate consumption (SIC code 5812).	<input type="checkbox"/>	<input type="checkbox"/>
<b>All Hillside developments.</b> The creation, addition, or replacement of 5,000 square feet or more of impervious surfaces (collectively over the entire project site) that include development on any natural slope that is 25% or greater.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Environmentally Sensitive Areas (ESAs).</b> Developments or Redevelopments discharging directly to an ESA that add or replace 2,500 square feet or more of impervious surfaces. "Discharging directly to" includes flow that is conveyed 200 feet or less from the project to the ESA, or conveyed in a pipe or channel any distance as an isolated flow from the project to the ESA.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Parking lots.</b> The creation, addition, or replacement of 5,000 square feet or more of impervious surfaces (collectively over the entire project site) consisting of land area or a facility for the temporary parking or storage of motor vehicles used personally for business or commerce.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Streets, roads, highways, and freeways.</b> The creation, addition, or replacement of 5,000 square feet or more of impervious surfaces (collectively over the entire project site) consisting of any paved impervious surface used for the transportation of automobiles, trucks, motorcycles, and other vehicles.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Retail Gasoline Outlets (RGOs).</b> The creation, addition, or replacement of 5,000 square feet or more of impervious surfaces that include Retail Gasoline Outlets that are either 5,000 square feet or more or have a project average daily traffic of 100 or more vehicles.	<input type="checkbox"/>	<input type="checkbox"/>
<b>Pollutant Generating projects disturbing over 1 acre.</b> Developments or Redevelopments that disturb over one acre of land and are expected to generate pollutants post construction.	<input type="checkbox"/>	<input type="checkbox"/>

If one or more boxes are checked "Yes" in Section B, project is a Priority Development Project (PDP).

PDP subject to Site Design, Source Control, Pollutant Control, and Hydromodification Management Requirements. STOP! Project must submit a "Project-Specific WQMP."

If all boxes are checked "No" in Section B, project is an "Other Development Project". Check box below.

Project subject to Site Design and Source Control requirements only. Complete this Submittal.

\*Descriptions of SIC codes can be found at <http://www.osha.gov/pls/imis/sicsearch.html>.

## FORM 3: SITE DESIGN BMPS

**Completion Guidance:** All development projects must implement Site Design BMPs. Site Design BMPs are used to reduce imperviousness and incorporate LID Principles into the project site and landscape design. Site Design BMPs should be considered during the earliest stages of project planning. Review project site plans and indicate the Site Design BMPs that will be implemented.

Review project plans and identify the applicable Site Design BMPs that will be implemented. "Yes" means the project will implement the BMP. "No" means the BMP is applicable to the project but it is not feasible to implement. "N/A" means the BMP is not applicable at the project site because the project does not include the feature that is addressed by the BMP

	Yes	No	N/A
<b>Preserve Existing Drainage Patterns.</b> Integrate existing drainage patterns, including drainage paths and natural depressions, into the site plan to preserve existing hydrologic function. Avoid excessive grading and disturbance of vegetation and soils. Set back improvements from creeks, wetlands, riparian habitats, and any other natural water bodies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Protect Existing Vegetation and Sensitive Areas.</b> Avoid disturbing areas containing dense native vegetation or well-established trees where possible. Develop the site layout to avoid sensitive areas. Establish setbacks and buffer zones around areas that are to be protected.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Preserve Natural Infiltration Capacity.</b> Minimize compaction of the existing soils as possible and focus development in areas with less permeable or previously compacted soils. Preserve areas with undisturbed natural soils.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Minimize Impervious Area.</b> Limit impervious cover through identification of the smallest possible land area that can be practically impacted or disturbed during site development. Limit areas occupied by roofs and paving and substitute landscaping for pave areas where possible. Consider replacement of pavement with permeable pavements or other permeable surfaces and the use of green roofs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Disperse Runoff to Adjacent Pervious Areas or Small Collection Areas.</b> Direct runoff from impervious areas to adjacent landscaping, other pervious areas, or small collection areas where such runoff may be retained. Use tree wells and landscaping areas to intercept, infiltrate, and evapotranspire precipitation and runoff from adjacent impervious areas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Utilize Native or Drought Tolerant Species in Site Landscaping.</b> Whenever possible, use native or drought tolerant species within site landscaping instead of alternatives to reduce the overall demands for potable water use associated with irrigation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Implement Harvest and Use of Runoff.</b> Consider the use of small rain barrels or tanks to capture roof runoff for irrigation of landscaping areas. Ensure that inlets are screened to prevent clogging and that barrels are drained to landscaping within 96 hours to minimize the potential for mosquito breeding.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Provide a brief summary of site design BMPs used. Include a discussion / justification for **all** "No" or "N/A" answers shown above. Use more than one page as needed

Click or tap here to enter text.

## FORM 4: SOURCE CONTROL BMPS

**Completion Guidance:** All development projects must implement Source Control BMPS. Source Control BMPS are used to minimize pollutants that may discharge to the MS4. Refer to Chapter 3 (Section 3.8) of the 2018 Water Quality Management Plan for additional information. Complete Section A and B of this form to identify Source Control BMPS for the project.

### SECTION A: IDENTIFY POLLUTANT SOURCES

Review project site plans and identify the applicable pollutant sources. "Yes" indicates that the pollutant source is applicable to project site. "No" indicates that the pollutant source is not applicable to project site.

	Yes	No		Yes	No
1. Storm Drain Inlets	<input type="checkbox"/>	<input type="checkbox"/>	9. Outdoor storage areas	<input type="checkbox"/>	<input type="checkbox"/>
2. Floor Drains	<input type="checkbox"/>	<input type="checkbox"/>	10. Material storage areas	<input type="checkbox"/>	<input type="checkbox"/>
3. Sump Pumps	<input type="checkbox"/>	<input type="checkbox"/>	11. Fueling areas	<input type="checkbox"/>	<input type="checkbox"/>
4. Pest Control/Herbicide Application	<input type="checkbox"/>	<input type="checkbox"/>	12. Loading Docks	<input type="checkbox"/>	<input type="checkbox"/>
5. Food Service Areas	<input type="checkbox"/>	<input type="checkbox"/>	13. Fire Sprinkler Test/Maintenance water	<input type="checkbox"/>	<input type="checkbox"/>
6. Trash Storage Areas	<input type="checkbox"/>	<input type="checkbox"/>	14. Plazas, Sidewalks and Parking Lots	<input type="checkbox"/>	<input type="checkbox"/>
7. Industrial Processes	<input type="checkbox"/>	<input type="checkbox"/>	15. Pools, Spas, Fountains and other water features	<input type="checkbox"/>	<input type="checkbox"/>
8. Vehicle and Equipment Cleaning and Maintenance/Repair Areas	<input type="checkbox"/>	<input type="checkbox"/>			

### SECTION B: REQUIRED SOURCE CONTROL BMPS

List each Pollutant source identified in Section A in column 1 and fill in the corresponding Structural Source Control BMPS and Operational Control BMPS by referring to the Stormwater Pollutant Sources & Source Control Checklist included in Attachment 1. The resulting list of structural and operational source control BMPS must be implemented as long as the associated sources are present on the project site. Add additional rows as needed.

Pollutant Source (from A)	Structural Source Control BMP	Operational Source Control BMP
Insert text here	Insert text here	Insert text here
Insert text here	Insert text here	Insert text here
Insert text here	Insert text here	Insert text here
Insert text here	Insert text here	Insert text here
Insert text here	Insert text here	Insert text here
Insert text here	Insert text here	Insert text here
Insert text here	Insert text here	Insert text here
Insert text here	Insert text here	Insert text here
Insert text here	Insert text here	Insert text here
Insert text here	Insert text here	Insert text here

**Attachment 1**  
**STORMWATER POLLUTANT SOURCES/SOURCE CONTROL CHECKLIST**

**How to use this worksheet (also see instructions in Section H of the 2018 SMR WQMP Template):**

1. Review Column 1 and identify which of these potential sources of stormwater pollutants apply to your site. Check each box that applies.
2. Review Column 2 and incorporate all of the corresponding applicable BMPs in your WQMP Exhibit.
3. Review Columns 3 and 4 and incorporate all of the corresponding applicable permanent controls and operational BMPs in your WQMP. Use the format shown in Table H.1 of this WQMP Template. Describe your specific BMPs in an accompanying narrative, and explain any special conditions or situations that required omitting BMPs or substituting alternative BMPs for those shown here.

IF THESE SOURCES WILL BE ON THE PROJECT SITE ...	... THEN YOUR WQMP SHOULD INCLUDE THESE SOURCE CONTROL BMPs, AS APPLICABLE		
1 Potential Sources of Runoff Pollutants	2 Permanent Controls—Show on WQMP Drawings	3 Permanent Controls—List in WQMP Table and Narrative	4 Operational BMPs—Include in WQMP Table and Narrative
<input type="checkbox"/> <b>A. On-site storm drain inlets</b>	<input type="checkbox"/> Locations of inlets.	<input type="checkbox"/> Mark all inlets with the words “Only Rain Down the Storm Drain” or similar. Catch Basin Markers may be available from the Riverside County Flood Control and Water Conservation District, call 951.955.1200 to verify.	<input type="checkbox"/> Maintain and periodically repaint or replace inlet markings. <input type="checkbox"/> Provide stormwater pollution prevention information to new site owners, lessees, or operators. <input type="checkbox"/> See applicable operational BMPs in Fact Sheet SC-44, “Drainage System Maintenance,” in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a> <input type="checkbox"/> Include the following in lease agreements: “Tenant shall not allow anyone to discharge anything to storm drains or to store or deposit materials so as to create a potential discharge to storm drains.”
<input type="checkbox"/> <b>B. Interior floor drains and elevator shaft sump pumps</b>		<input type="checkbox"/> State that interior floor drains and elevator shaft sump pumps will be plumbed to sanitary sewer.	<input type="checkbox"/> Inspect and maintain drains to prevent blockages and overflow.
<input type="checkbox"/> <b>C. Interior parking garages</b>		<input type="checkbox"/> State that parking garage floor drains will be plumbed to the sanitary sewer.	<input type="checkbox"/> Inspect and maintain drains to prevent blockages and overflow.

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**STORMWATER POLLUTANT SOURCES/SOURCE CONTROL CHECKLIST**

IF THESE SOURCES WILL BE ON THE PROJECT SITE ...	... THEN YOUR WQMP SHOULD INCLUDE THESE SOURCE CONTROL BMPs, AS APPLICABLE		
1 Potential Sources of Runoff Pollutants	2 Permanent Controls—Show on WQMP Drawings	3 Permanent Controls—List in WQMP Table and Narrative	4 Operational BMPs—Include in WQMP Table and Narrative
<input type="checkbox"/> <b>D1.</b> Need for future indoor & structural pest control		<input type="checkbox"/> Note building design features that discourage entry of pests.	<input type="checkbox"/> Provide Integrated Pest Management information to owners, lessees, and operators.
<input type="checkbox"/> <b>D2.</b> Landscape/ Outdoor Pesticide Use	<input type="checkbox"/> Show locations of native trees or areas of shrubs and ground cover to be undisturbed and retained. <input type="checkbox"/> Show self-retaining landscape areas, if any. <input type="checkbox"/> Show stormwater treatment and hydrograph modification management BMPs.	<p>State that final landscape plans will accomplish all of the following.</p> <input type="checkbox"/> Preserve existing native trees, shrubs, and ground cover to the maximum extent possible. <input type="checkbox"/> Design landscaping to minimize irrigation and runoff, to promote surface infiltration where appropriate, and to minimize the use of fertilizers and pesticides that can contribute to stormwater pollution. <input type="checkbox"/> Where landscaped areas are used to retain or detain stormwater, specify plants that are tolerant of saturated soil conditions. <input type="checkbox"/> Consider using pest-resistant plants, especially adjacent to hardscape. To insure successful establishment, select plants appropriate to site soils, slopes, climate, sun, wind, rain, land use, air movement, ecological consistency, and plant interactions.	<input type="checkbox"/> Maintain landscaping using minimum or no pesticides. <input type="checkbox"/> See applicable operational BMPs in “What you should know for.....Landscape and Gardening” at: <a href="http://www.rcwatershed.org/about/materials-library/#1450469138395-bb76dd39-d810">http://www.rcwatershed.org/about/materials-library/#1450469138395-bb76dd39-d810</a> <input type="checkbox"/> Provide IPM information to new owners, lessees and operators.



**Attachment 1**  
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1 Potential Sources of Runoff Pollutants	2 Permanent Controls—Show on WQMP Drawings	3 Permanent Controls—List in WQMP Table and Narrative	4 Operational BMPs—Include in WQMP Table and Narrative
<input type="checkbox"/> <b>E.</b> Pools, spas, ponds, decorative fountains, and other water features.	<input type="checkbox"/> Show location of water feature and a sanitary sewer cleanout in an accessible area within 10 feet. (Exception: Public pools must be plumbed according to County Department of Environmental Health Guidelines.)	If the Co-Permittee requires pools to be plumbed to the sanitary sewer, place a note on the plans and state in the narrative that this connection will be made according to local requirements.	<input type="checkbox"/> See applicable operational BMPs in “Guidelines for Maintaining Your Swimming Pool, Jacuzzi and Garden Fountain” at: <a href="http://www.rcwatershed.org/about/materials-library/#1450469201433-f5f358c9-6008">http://www.rcwatershed.org/about/materials-library/#1450469201433-f5f358c9-6008</a>
<input type="checkbox"/> <b>F.</b> Food service	<input type="checkbox"/> For restaurants, grocery stores, and other food service operations, show location (indoors or in a covered area outdoors) of a floor sink or other area for cleaning floor mats, containers, and equipment.  <input type="checkbox"/> On the drawing, show a note that this drain will be connected to a grease interceptor before discharging to the sanitary sewer.	<input type="checkbox"/> Describe the location and features of the designated cleaning area.  <input type="checkbox"/> Describe the items to be cleaned in this facility and how it has been sized to insure that the largest items can be accommodated.	<input type="checkbox"/> See the brochure, “The Food Service Industry Best Management Practices for: Restaurants, Grocery Stores, Delicatessens and Bakeries” at <a href="http://www.rcwatershed.org/about/materials-library/#1450389926766-61e8af0b-53a9">http://www.rcwatershed.org/about/materials-library/#1450389926766-61e8af0b-53a9</a>  Provide this brochure to new site owners, lessees, and operators.
<input type="checkbox"/> <b>G.</b> Refuse areas	<input type="checkbox"/> Show where site refuse and recycled materials will be handled and stored for pickup. See local municipal requirements for sizes and other details of refuse areas.  <input type="checkbox"/> If dumpsters or other receptacles are outdoors, show how the designated area will be covered, graded, and paved to prevent run-on and show locations of berms to prevent runoff from the area.  <input type="checkbox"/> Any drains from dumpsters, compactors, and tallow bin areas shall be connected to a grease removal device before discharge to sanitary sewer.	<input type="checkbox"/> State how site refuse will be handled and provide supporting detail to what is shown on plans.  <input type="checkbox"/> State that signs will be posted on or near dumpsters with the words “Do not dump hazardous materials here” or similar.	<input type="checkbox"/> State how the following will be implemented:  Provide adequate number of receptacles. Inspect receptacles regularly; repair or replace leaky receptacles. Keep receptacles covered. Prohibit/prevent dumping of liquid or hazardous wastes. Post “no hazardous materials” signs. Inspect and pick up litter daily and clean up spills immediately. Keep spill control materials available on-site. See Fact Sheet SC-34, “Waste Handling and Disposal” in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>

**Appendix 8**  
**STORMWATER POLLUTANT SOURCES/SOURCE CONTROL CHECKLIST**

IF THESE SOURCES WILL BE ON THE PROJECT SITE ...	... THEN YOUR WQMP SHOULD INCLUDE THESE SOURCE CONTROL BMPs, AS APPLICABLE		
1 Potential Sources of Runoff Pollutants	2 Permanent Controls—Show on WQMP Drawings	3 Permanent Controls—List in WQMP Table and Narrative	4 Operational BMPs—Include in WQMP Table and Narrative
<input type="checkbox"/> <b>H. Industrial processes.</b>	<input type="checkbox"/> Show process area.	<input type="checkbox"/> If industrial processes are to be located on site, state: “All process activities to be performed indoors. No processes to drain to exterior or to storm drain system.”	<input type="checkbox"/> See Fact Sheet SC-10, “Non-Stormwater Discharges” in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>  See the brochure “Industrial & Commercial Facilities Best Management Practices for: Industrial, Commercial Facilities” at: <a href="http://www.rcwatershed.org/about/materials-library/#1450389926766-61e8af0b-53a9">http://www.rcwatershed.org/about/materials-library/#1450389926766-61e8af0b-53a9</a>
<input type="checkbox"/> <b>I. Outdoor storage of equipment or materials.</b> (See rows J and K for source control measures for vehicle cleaning, repair, and maintenance.)	<input type="checkbox"/> Show any outdoor storage areas, including how materials will be covered. Show how areas will be graded and bermed to prevent run-on or run-off from area.  <input type="checkbox"/> Storage of non-hazardous liquids shall be covered by a roof and/or drain to the sanitary sewer system, and be contained by berms, dikes, liners, or vaults.  <input type="checkbox"/> Storage of hazardous materials and wastes must be in compliance with the local hazardous materials ordinance and a Hazardous Materials Management Plan for the site.	<input type="checkbox"/> Include a detailed description of materials to be stored, storage areas, and structural features to prevent pollutants from entering storm drains.  Where appropriate, reference documentation of compliance with the requirements of Hazardous Materials Programs for: <ul style="list-style-type: none"> <li>▪ Hazardous Waste Generation</li> <li>▪ Hazardous Materials Release Response and Inventory</li> <li>▪ California Accidental Release (CalARP)</li> <li>▪ Aboveground Storage Tank</li> <li>▪ Uniform Fire Code Article 80 Section 103(b) &amp; (c) 1991</li> <li>▪ Underground Storage Tank</li> </ul> <a href="http://www.cchealth.org/groups/hazmat/">www.cchealth.org/groups/hazmat/</a>	<input type="checkbox"/> See the Fact Sheets SC-31, “Outdoor Liquid Container Storage” and SC-33, “Outdoor Storage of Raw Materials ” in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>

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<input type="checkbox"/> <b>J. Vehicle and Equipment Cleaning</b>	<input type="checkbox"/> Show on drawings as appropriate: (1) Commercial/industrial facilities having vehicle/equipment cleaning needs shall either provide a covered, bermed area for washing activities or discourage vehicle/equipment washing by removing hose bibs and installing signs prohibiting such uses. (2) Multi-dwelling complexes shall have a paved, bermed, and covered car wash area (unless car washing is prohibited on-site and hoses are provided with an automatic shut-off to discourage such use). (3) Washing areas for cars, vehicles, and equipment shall be paved, designed to prevent run-on to or runoff from the area, and plumbed to drain to the sanitary sewer. (4) Commercial car wash facilities shall be designed such that no runoff from the facility is discharged to the storm drain system. Wastewater from the facility shall discharge to the sanitary sewer, or a wastewater reclamation system shall be installed.	<input type="checkbox"/> If a car wash area is not provided, describe any measures taken to discourage on-site car washing and explain how these will be enforced.	<p>Describe operational measures to implement the following (if applicable):</p> <input type="checkbox"/> Wastewater from vehicle and equipment washing operations shall not be discharged to the storm drain system. Refer to “Outdoor Cleaning Activities and Professional Mobile Service Providers” for many of the Potential Sources of Runoff Pollutants categories below. Brochure can be found at: <a href="http://www.rcwatershed.org/about/materials-library/#1450389926766-61e8af0b-53a9">http://www.rcwatershed.org/about/materials-library/#1450389926766-61e8af0b-53a9</a> <input type="checkbox"/> Car dealerships and similar may rinse cars with water only.

**Attachment 1**  
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IF THESE SOURCES WILL BE ON THE PROJECT SITE ...	... THEN YOUR WQMP SHOULD INCLUDE THESE SOURCE CONTROL BMPs, AS APPLICABLE		
1 Potential Sources of Runoff Pollutants	2 Permanent Controls—Show on WQMP Drawings	3 Permanent Controls—List in WQMP Table and Narrative	4 Operational BMPs—Include in WQMP Table and Narrative
<input type="checkbox"/> <b>K. Vehicle/Equipment Repair and Maintenance</b>	<input type="checkbox"/> Accommodate all vehicle equipment repair and maintenance indoors. Or designate an outdoor work area and design the area to prevent run-on and runoff of stormwater.  <input type="checkbox"/> Show secondary containment for exterior work areas where motor oil, brake fluid, gasoline, diesel fuel, radiator fluid, acid-containing batteries or other hazardous materials or hazardous wastes are used or stored. Drains shall not be installed within the secondary containment areas.  <input type="checkbox"/> Add a note on the plans that states either (1) there are no floor drains, or (2) floor drains are connected to wastewater pretreatment systems prior to discharge to the sanitary sewer and an industrial waste discharge permit will be obtained.	<input type="checkbox"/> State that no vehicle repair or maintenance will be done outdoors, or else describe the required features of the outdoor work area.  <input type="checkbox"/> State that there are no floor drains or if there are floor drains, note the agency from which an industrial waste discharge permit will be obtained and that the design meets that agency's requirements.  <input type="checkbox"/> State that there are no tanks, containers or sinks to be used for parts cleaning or rinsing or, if there are, note the agency from which an industrial waste discharge permit will be obtained and that the design meets that agency's requirements.	<p>In the Stormwater Control Plan, note that all of the following restrictions apply to use the site:</p> <input type="checkbox"/> No person shall dispose of, nor permit the disposal, directly or indirectly of vehicle fluids, hazardous materials, or rinsewater from parts cleaning into storm drains.  <input type="checkbox"/> No vehicle fluid removal shall be performed outside a building, nor on asphalt or ground surfaces, whether inside or outside a building, except in such a manner as to ensure that any spilled fluid will be in an area of secondary containment. Leaking vehicle fluids shall be contained or drained from the vehicle immediately.  <input type="checkbox"/> No person shall leave unattended drip parts or other open containers containing vehicle fluid, unless such containers are in use or in an area of secondary containment.  Refer to "Automotive Maintenance & Car Care Best Management Practices for Auto Body Shops, Auto Repair Shops, Car Dealerships, Gas Stations and Fleet Service Operations; "Outdoor Cleaning Activities;" and "Professional Mobile Service Providers" for many of the Potential Sources of Runoff Pollutants. Brochures can be found at: <a href="http://www.rcwatershed.org/about/materials-library/#1450389926766-61e8af0b-53a9">http://www.rcwatershed.org/about/materials-library/#1450389926766-61e8af0b-53a9</a>

**Attachment 1  
STORMWATER POLLUTANT SOURCES/SOURCE CONTROL CHECKLIST**

<b>IF THESE SOURCES WILL BE ON THE PROJECT SITE ...</b>	<b>... THEN YOUR WQMP SHOULD INCLUDE THESE SOURCE CONTROL BMPs, AS APPLICABLE</b>		
<b>1 Potential Sources of Runoff Pollutants</b>	<b>2 Permanent Controls—Show on WQMP Drawings</b>	<b>3 Permanent Controls—List in WQMP Table and Narrative</b>	<b>4 Operational BMPs—Include in WQMP Table and Narrative</b>
<input type="checkbox"/> <b>L. Fuel Dispensing Areas</b>	<input type="checkbox"/> Fueling areas <sup>6</sup> shall have impermeable floors (i.e., portland cement concrete or equivalent smooth impervious surface) that are: a) graded at the minimum slope necessary to prevent ponding; and b) separated from the rest of the site by a grade break that prevents run-on of stormwater to the maximum extent practicable.  <input type="checkbox"/> Fueling areas shall be covered by a canopy that extends a minimum of ten feet in each direction from each pump. [Alternative: The fueling area must be covered and the cover's minimum dimensions must be equal to or greater than the area within the grade break or fuel dispensing area <sup>1</sup> .] The canopy [or cover] shall not drain onto the fueling area.		<input type="checkbox"/> The property owner shall dry sweep the fueling area routinely. <input type="checkbox"/> See the Fact Sheet SD-30 , “Fueling Areas” in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>

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<sup>6</sup> The fueling area shall be defined as the area extending a minimum of 6.5 feet from the corner of each fuel dispenser or the length at which the hose and nozzle assembly may be operated plus a minimum of one foot, whichever is greater.

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<input type="checkbox"/> <b>M. Loading Docks</b>	<input type="checkbox"/> Show a preliminary design for the loading dock area, including roofing and drainage. Loading docks shall be covered and/or graded to minimize run-on to and runoff from the loading area. Roof downspouts shall be positioned to direct stormwater away from the loading area. Water from loading dock areas shall be drained to the sanitary sewer, or diverted and collected for ultimate discharge to the sanitary sewer.  <input type="checkbox"/> Loading dock areas draining directly to the sanitary sewer shall be equipped with a spill control valve or equivalent device, which shall be kept closed during periods of operation.  <input type="checkbox"/> Provide a roof overhang over the loading area or install door skirts (cowling) at each bay that enclose the end of the trailer.		<input type="checkbox"/> Move loaded and unloaded items indoors as soon as possible.  <input type="checkbox"/> See Fact Sheet SC-30, “Outdoor Loading and Unloading,” in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>

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<input type="checkbox"/> <b>N. Fire Sprinkler Test Water</b>		<input type="checkbox"/> Provide a means to drain fire sprinkler test water to the sanitary sewer.	<input type="checkbox"/> See the note in Fact Sheet SC-41, “Building and Grounds Maintenance,” in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>
<p><b>O. Miscellaneous Drain or Wash Water or Other Sources</b></p> <input type="checkbox"/> Boiler drain lines <input type="checkbox"/> Condensate drain lines <input type="checkbox"/> Rooftop equipment <input type="checkbox"/> Drainage sumps <input type="checkbox"/> Roofing, gutters, and trim. <input type="checkbox"/> Other sources		<input type="checkbox"/> Boiler drain lines shall be directly or indirectly connected to the sanitary sewer system and may not discharge to the storm drain system.  <input type="checkbox"/> Condensate drain lines may discharge to landscaped areas if the flow is small enough that runoff will not occur. Condensate drain lines may not discharge to the storm drain system.  <input type="checkbox"/> Rooftop equipment with potential to produce pollutants shall be roofed and/or have secondary containment.  <input type="checkbox"/> Any drainage sumps on-site shall feature a sediment sump to reduce the quantity of sediment in pumped water.  <input type="checkbox"/> Avoid roofing, gutters, and trim made of copper or other unprotected metals that may leach into runoff.  <input type="checkbox"/> Include controls for other sources as specified by local reviewer.	

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<input type="checkbox"/> <b>P.</b> Plazas, sidewalks, and parking lots.			<input type="checkbox"/> Sweep plazas, sidewalks, and parking lots regularly to prevent accumulation of litter and debris. Collect debris from pressure washing to prevent entry into the storm drain system. Collect washwater containing any cleaning agent or degreaser and discharge to the sanitary sewer not to a storm drain.