

C.3 Regulated Projects Checklist

Municipal Regional Stormwater Permit (MRP) Stormwater Controls for Development Projects

INSERT CITY SPECIFIC INFO HERE ADDRESS PHONE FAX

WEB (for those who allow download etc)

I. Applicability of C.3 and C.6 Stormwater Requirements

I.A. Enter Project Data(For "C.3 Regulated Projects," data will be reported in the municipality'sstormwater Annual Report.)

I.A.1	Project Name:	Example Small Project	- Pomeroy Apartments	
I.A.2	Project Address(include cross street):	Pomeroy Ave		
I.A.3	Project APN:	000-00-000	I.A.4 Project Watershed:	Lazy Creek
I.A.5	Applicant Name:			
I.A.6	Applicant Address:			
I.A.7	Applicant Phone:		Applicant Email Address:	
I.A.8	Development type: (check all that apply)	pment type: all that apply) Residential ¹ Commercial Industrial Mixed-Use Street/Road Other, specify: redevelopment' as defined by MRP: creating, adding and/or replacing exteriorexisting impervious surface on a site where past development has occurred ¹ Special land use categories' as defined by MRP: (1) auto service facilities ³ , (2) retail gasoutlets, (3) restaurants ³ , (4) uncovered parking area (stand-alone or part of a larger project)		
I.A.9	Project Description ⁴ :	Construct 3 apartment b family residential lot.	uildings, driveway and parking areas on	an existing single
	(Also note past or future phases of the project.)			
I.A.10) Total Area of Site:	0.3 acres		/
	Total Area of land distur	bed during construction (inclu	ude clearing, grading, excavating and stockpi	le area: 0.3 acres.

I.B. Is the project a "C.3 Regulated Project" per MRP Provision C.3.b?

I.B.1Enter the amount of impervious surface⁴ created and/or replaced by the project (if the total amount is 5,000 sq.ft. or more):

Table of Impervious and Pervious Surfaces

	а	b	С	d
Type of Impervious Surface	Pre-Project Impervious Surface (sq.ft.)	Existing Impervious Surface to be Replaced ⁷ (sq.ft.)	New Impervious Surface to be Created ⁷ (sq.ft.)	Post-project landscaping (sq.ft.), if applicable
Roof area(s) – excluding any portion of the roof that is vegetated ("green roof")	2,635	2,635	3,378	-743
Impervious ⁵ sidewalks, patios, paths, driveways	764	764	1,092 -	- 328
Impervious ⁵ uncovered parking ⁶	1,613	877	(877) -	O [≁] N/A
Streets (public)				. 7.1
Streets (private)				1,011
Totals:	5,012	4,276	5,347	2,747
Area of Existing Impervious Surface NOT replaced			N/A O	
Total New Impervious Surface (sum of totals	for columns b and c):		5,347	

¹ Single family home projects that are not part of a larger plan of development are not C.3 Regulated Projects, regardless of size. 👘 👔	Dervidus
² Roadway projects that replace existing impervious surface are subject to C.3 requirements only if one or more lanes of travel are added	MUR MA
² See Standard Industrial Classification (SIC) codes here	machici

³ Project description examples: 5-story office building, industrial warehouse, residential with five 4-story buildings for 200 condominiums, etc. ⁴ Per the MRP, pavement that meets the following definition of pervious pavement is NOT an impervious surface. Pervious pavement is defined as pavement that stores and infiltrates rainfall at a rate equal to immediately surrounding unpaved, landscaped areas, or that stores and infiltrates the rainfall runoff volume described in Provision C.3.d.

⁵ Uncovered parking includes top level of a parking structure.

⁶ "Replace" means to install new impervious surface where existing impervious surface is removed. "Created" means to install new impervious surface where there is currently no impervious surface.

I.B. Is the project a "C.3 Regulated Project" per MRP Provision C.3.b? (continued)

- I.B.2 In Item I.B.1, does the Total New Impervious Surface equal 10,000 sq.ft.or more? If YES, skip to Item I.B.5 and check "Yes." If NO, continue to Item I.B.3.
- I.B.3 Does the Item I.B.1 Total New Impervious Surface equal 5,000 sq.ft.or more, but less than 10,000 sq.ft? If YES, continue to Item I.B.4. If NO, skip to Item I.B.5 and check "No."
- I.B.4 Is the project a "Special Land Use Category" per Item I.A.8? For uncovered parking, check YES only if there is 5,000 sq.ft or more uncovered parking. If NO, go to Item I.B.5 and check "No." If YES, go to Item I.B.5 and check "Yes."
- I.B.5 Is the project a C.3 Regulated Project? If YES, skip to Item I.B.6; if NO, continue to Item I.C.
- I.B.6 Does the total amount of Replaced impervious surface equal 50 percent or more of the Pre-Project Impervious Surface? If YES, site design, source control and treatment requirements apply to the whole site; if NO, these requirements apply only to the impervious surface created and/or replaced.

I.C. Projects that are NOT C.3 Regulated Projects

If you answered NO to Item I.B.5, or the project creates/replaces less than 5,000 sq. ft. of impervious surface, then the project is NOT a C.3 Regulated Project, and stormwater treatment is not required, BUTthe municipality may determine that source controls and site design measures are required. Skip to Section II.

I.D. Projects that ARE C.3 Regulated Projects

If you answered YES to Item I.B.5, then the project is a C.3 Regulated Project. The project must include appropriate site design measures and source controls AND hydraulically-sized stormwater treatment measures. Hydromodification management may also be required; refer to Section II to make this determination. If final discretionary approval was granted on or after **DECEMBER 1, 2011**, Low Impact Development (LID) requirements apply, except for "Special Projects." See Section II.

I.E. Identify C.6 Construction-Phase Stormwater Requirements

- I.E.2 Is the site as a "High Priority Site" that disturbs less than 1.0 acre (43,560 sq.ft.) of land? (Municipal staff will make this determination.)
 - "High Priority Sites" are sites that require a grading permit, are adjacent to a creek, or are otherwise high priority for stormwater protection during construction (see MRP Provision C.6.e.ii(2))

NOTE TO APPLICANT: All projects require appropriate stormwater best management practices (BMPs) during construction. Refer to the Section II to identify appropriate construction BMPs.

NOTE TO MUNICIPAL STAFF: If the answer is "Yes" to either question in Section E, refer this project to construction site inspection staff to be added to their list of projects that require stormwater inspections at least monthly during the wet season (October 1 through April 30).

Yes	No Ø	NA
\boxtimes /		
	\boxtimes	

5 Kip/

Yes

 \Box

No

II. Implementation of Stormwater Requirements

II.A. Complete the appropriate sections for the project. For non-C.3 Regulated Projects, Sections II.B, II.C, and II.D apply. For C.3 Regulated Projects, all sections of Section II apply.

II.B. Select Appropriate Site Design Measures (Required forC.3 RegulatedProjects; all other projects are encouraged to implement site design measures, which may be required at municipality discretion. Starting December 1, 2012, projects that create and/or replace 2,500 – 10,000 sq.ft. of impervious surface, and stand-alone single family homes that create/replace 2,500 sq.ft. or more of impervious surface, must include one of Site Design Measures a through f.⁷ Consult with municipal staff about requirements for your project.) BE CONSISTENT WITH PERMIT: 1 OR MORE IN c.3.I. SHOULD MATCH FLYER.

II.B.1 Is the site design measure included in the project plans?

Yes	No	Plan Sheet No.
		 Direct roof runoff into cisterns or rain barrels and use rainwater for irrigation or other non-potable use.
07	\boxtimes	b. Direct roof runoff onto vegetated areas.
		c. Direct runoff from sidewalks, walkways, and/or patios onto vegetated areas.
		 Direct runoff from driveways and/or uncovered parking lots onto vegetated areas.
	\boxtimes	e. Construct sidewalks, walkways, and/or patios with permeable surfaces.
		 f. Construct bike lanes, driveways, and/or uncovered parking lots with permeable surfaces.
\boxtimes		g. Minimize land disturbance and impervious surface (especially parking lots).
		 Maximize permeability by clustering development and preserving open space.
	\boxtimes	i. Use micro-detention, including distributed landscape-based detention.
		 Protect sensitive areas, including wetland and riparian areas, and minimize changes to the natural topography.
		k. Self-treating area (see Section 4.2 of the C.3 Technical Guidance)
		I. Self-retaining area (see Section 4.3 of the C.3 Technical Guidance)
	\boxtimes	m. Plant or preserve interceptor trees (Section 4.1, C.3 Technical Guidance)

⁷See MRP ProvisionC.3.a.i(6) for non-C.3 Regulated Projects, C.3.c.i(2)(a) for Regulated Projects, C.3.i for projects that create/replace 2,500 to 10,000 sq.ft. of impervious surface and stand-alone single family homes that create/replace 2,500 sq.ft. or more of impervious surface.

II.C. Select appropriate source controls (Applies to C.3 Regulated Projects; encouraged for other projects. Consult municipal staff.⁸)

Are these features in project?		Se Features that require source Source control measures in control (Refer to Local Source Control List for detailed requirements)		Is source control measure included in project plans?		
Yes	No	incusures		Yes	No	Plan SheetNo.
X	\boxtimes	Storm Drain	Mark on-site inlets with the words "No Dumping! Flows to Bay" or equivalent.			
	\boxtimes	Floor Drains	Plumb interior floor drains to sanitary sewer ⁹ [or prohibit].			
	\boxtimes	Parking garage	Plumb interior parking garage floor drains to sanitary sewer. ³			
		Landscaping	 Retain existing vegetation as practicable. Select diverse species appropriate to the site. Include plants that are pest- and/or disease-resistant, drought-tolerant, and/or attract beneficial insects. Minimize use of pesticides and quick-release fertilizers. Use efficient irrigation system; design to minimize runoff. 			
	\boxtimes	Pool/Spa/Fountain	Provide connection to the sanitary sewer to facilitate draining. ³			
		Food Service Equipment (non- residential)	 Provide sink or other area for equipment cleaning, which is: Connected to a grease interceptor prior to sanitary sewer discharge.³ Large enough for the largest mat or piece of equipment to be cleaned. Indoors or in an outdoor roofed area designed to prevent stormwater run-on and run-off, and signed to require equipment washing in this area. 			
0		Refuse Areas	 Provide a roofed and enclosed area for dumpsters, recycling containers, etc., designed to prevent stormwater run-on and runoff. Connect any drains in or beneath dumpsters, compactors, and tallow bin areas serving food service facilities to the sanitary sewer.³ 			
		Outdoor Process Activities ¹⁰	Perform process activities either indoors or in roofed outdoor area, designed to prevent stormwater run-on and runoff, and to drain to the sanitary sewer. ³			
		Outdoor Equipment/ Materials Storage	 Cover the area or design to avoid pollutant contact with stormwater runoff. Locate area only on paved and contained areas. Roof storage areasthat will contain non-hazardous liquids, drain to sanitary sewer⁸, and contain by berms or similar. 			
	\boxtimes	Vehicle/ Equipment Cleaning	 Roofed, pave and berm wash area to prevent stormwater run-on and runoff, plumb to the sanitary sewer³, and sign as a designated wash area. Commercial car wash facilities shall discharge to the sanitary sewer.³ 			
		Vehicle/ Equipment Repair and Maintenance	 Designate repair/maintenance area indoors, or an outdoors area designed to prevent stormwater run-on and runoff and provide secondary containment. Do not install drains in the secondary containment areas. No floor drains unless pretreated prior to discharge to the sanitary sewer.³ Connect containers or sinks used for parts cleaning to the sanitary sewer.³ 			
		Fuel Dispensing Areas	 Fueling areas shall have impermeable surface that is a) minimally graded to prevent ponding and b) separated from the rest of the site by a grade break. Canopy shall extend at least 10 ft in each direction from each pump and drain away from fueling area. 			
		Loading Docks	 Cover and/or grade to minimize run-on to and runoff from the loading area. Position downspouts to direct stormwater away from the loading area. Drain water from loading dock areas to the sanitary sewer.³ Install door skirts between the trailers and the building. 			
	\boxtimes	Fire Sprinklers	Design for discharge of fire sprinkler test water to landscape or sanitary sewer. ³			
		Miscellaneous Drain or Wash Water	 Drain condensate of air conditioning units to landscaping. Large air conditioning units may connect to the sanitary sewer.³ Roof drains shall drain to unpaved area where practicable. Drain boiler drain lines, roof top equipment, allwashwaterto sanitary sewer³. 			
	\boxtimes	Architectural Copper	 Drain rinse water to landscaping, discharge to sanitary sewer³, or collect and dispose properly offsite. See flyer "Requirements for Architectural Copper." 			

 ⁸See MRP Provision C.3.a.i(7) for non-C.3 Regulated Projects and Provision C.3.c.i(1) for C.3 Regulated Projects.
 ⁹Any connection to the sanitary sewer system is subject to sanitary district approval.
 ¹⁰ Businesses that may have outdoor process activities/equipment include machine shops, auto repair, industries with pretreatment facilities.

II.D. Implement construction Best Management Practices (BMPs) (Applies to all projects).

Yes	No	Best Management Practice (BMP)
Ø	\boxtimes	Attach the San Mateo Countywide Water Pollution Prevention Program's construction BMP plan sheet to project plans and require contractor to implement the applicable BMPs on the plan sheet.
	\boxtimes	Temporary erosion controls to stabilize all denuded areasuntil permanent erosion controlsare established.
		Delineate with field markers clearing limits, easements, setbacks, sensitive or critical areas, buffer zones, trees, and drainage courses.
		 Provide notes, specifications, or attachments describing the following: Construction, operation and maintenance of erosion and sediment controls, include inspection frequency; Methods and schedule for grading, excavation, filling, clearing of vegetation, and storage and disposal of excavated or cleared material; Specifications for vegetative cover &mulch, include methods and schedules for planting and fertilization; Provisions for temporary and/or permanent irrigation.
	\boxtimes	Perform clearing and earth moving activities only during dry weather.
	\boxtimes	Use sediment controls or filtration to remove sediment when dewatering and obtain all necessary permits.
\boxtimes_{\vee}		Protect all storm drain inlets in vicinity of site using sediment controls such as berms, fiber rolls, or filters.
Ø	\boxtimes	Trap sediment on-site, using BMPs such as sediment basins or traps, earthen dikes or berms, silt fences, check dams, soil blankets or mats, covers for soil stock piles, etc.
	\boxtimes	Divert on-site runoff around exposed areas; divert off-site runoff around the site (e.g., swales and dikes).
	\boxtimes	Protect adjacent properties and undisturbed areas from construction impacts using vegetative buffer strips, sediment barriers or filters, dikes, mulching, or other measures as appropriate.
		Limit construction access routes and stabilize designated access points.
Ø		No cleaning, fueling, or maintaining vehicles on-site, except in a designated area where washwater is contained and treated.
\boxtimes		Store, handle, and dispose of construction materials/wastes properly to prevent contact with stormwater.
\boxtimes \checkmark		Contractor shall train and provide instruction to all employees/subcontractors re: construction BMPs.
		Control and prevent the discharge of all potential pollutants, including pavement cutting wastes, paints, concrete, petroleum products, chemicals, washwater or sediments, rinse water from architectural copper, and non-stormwater discharges to storm drains and watercourses.

PROJECTS THAT ARE NOT C.3 REGULATED PROJECTS STOP HERE!

II.E. Feasibility/Infeasibility of Infiltration and Rainwater Harvesting/Use (Applies to C.3 Regulated Projects ONLY)

Except for some Special Projects, C.3 Regulated Projects must include low impact development (LID) treatment measures. LID treatment measures are rainwater harvesting, infiltration, evapotranspiration, and biotreatment (i.e., landscape-based treatment with special soils). Biotreatment is allowed ONLY if it is infeasible to treat the amount of runoff specified in Provision C.3.d with rainwater harvesting, infiltration, and evapotranspiration.

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II.E.1	Is this project a "Special Project"? (See Appendix J of the C.3 Technical Guidance for criteria.)				
	X	If No, continue to Item II.E.2.			
	A	If Yes, or if there is potential that the project MAY be a Special Project, complete the Special Projects Worksheet.			
II.E.2	Infil	tration Potential.Based on site-specific soil report ¹¹ , do site soils either:			
	а.	Have a saturated hydraulic conductivity (Ksat) <u>less</u> than 1.6 inches/hour), or, if the Ksat rate is not available,			
	b.	Consist of Type C or D soils?			
		> If Yes, continue to II.E.3.			
		If No, complete the Infiltration Feasibility Worksheet. If infiltration of the C.3.d amount of runoff is found to be feasible, skip to II.E.8; if infiltration is found to be infeasible, continue to II.E.3.			

II.E.3 Recycled Water. Check the box if the project is installing and using a recycled water plumbing system for non-potable

[&]quot;If no site-specific soil report is available, refer to soil hydraulic conductivity maps in C.3 Technical Guidance Appendix I.