

Conducting a C.3 Stormwater Review for a Proposed Project

Camille Leung
San Mateo County

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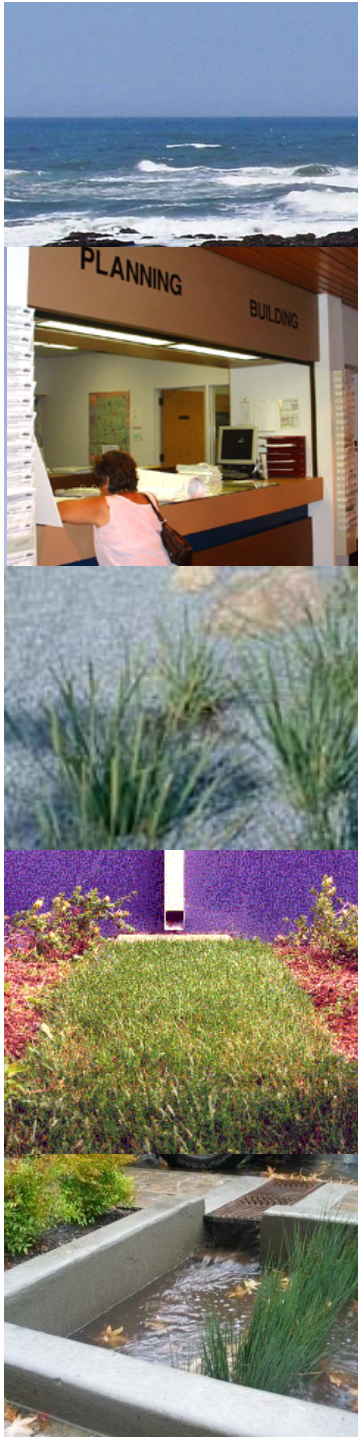


Presentation Outline

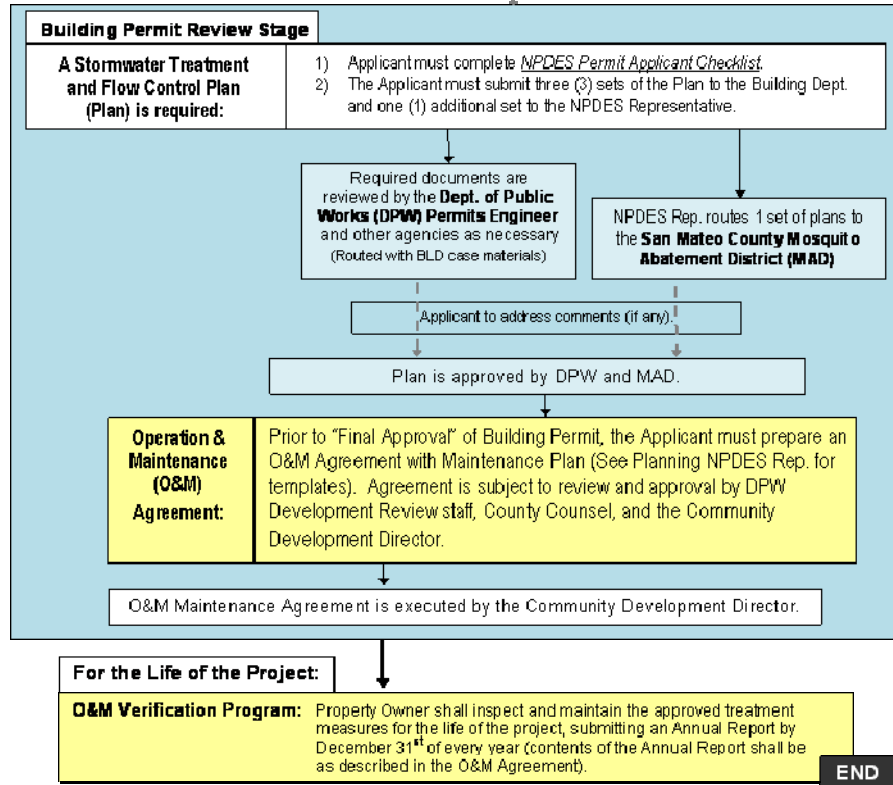
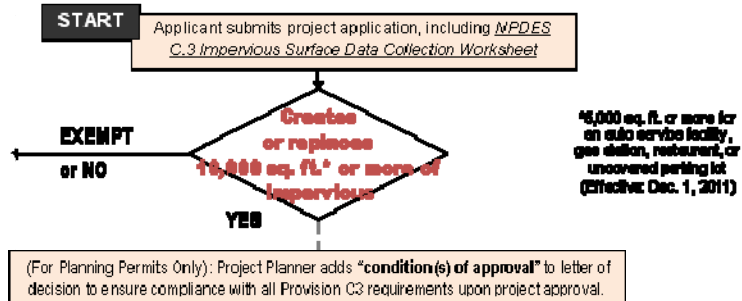
- Overview of the Review Process
 - Example: County of San Mateo
- Necessary Tools For Review
 - Handouts & Forms
- What Does the Applicant Need to Submit?
- Municipal Staff Review
- More Information



Overview of the Review Process



- 1) Applicant should complete Section II of *NPDES Permit Applicant Checklist*, pertaining to **all projects**, and incorporate site design and source control measures for water quality protection.
- 2) Applicant continues with standard project review process.



Necessary Tools for C.3 Review

- Handouts:
 - C.3 informational flyer
 - Hydromodification management informational flyer
- Forms:
 - Impervious Surface Data Collection Form
 - NPDES Checklist
 - Hydro Modification Applicability Form
- Standard conditions of approval



What Does the Applicant Need to Submit?

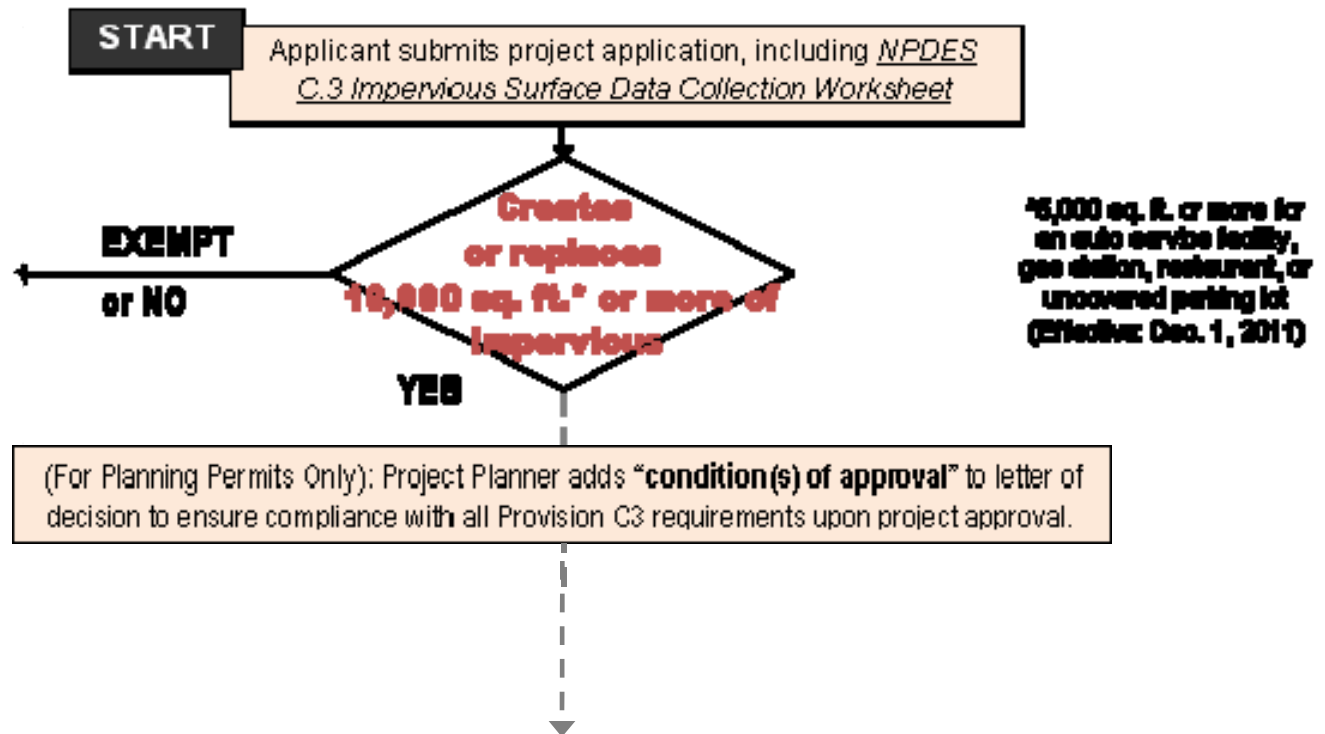
- Determination of Exemption from Provision C.3:
 - Impervious Surface Form
- All Projects:
 - NPDES Applicant Checklist Form



Planning (Pre-Building Application) Phase

Summary of Typical Development Review Process Incorporating Provision C.3 Stormwater Requirements

- 1) Applicant should complete Section II of *NPDES Permit Applicant Checklist*, pertaining to **all projects**, and incorporate site design and source control measures for water quality protection.
- 2) Applicant continues with standard project review process.



What Does Municipal Staff Review?

- Check the completed forms for accuracy.
 - Did the applicant calculate impervious surface accurately?
 - Do the stormwater controls measures described in the form appear in the plan sheets?
 - Are there errors or omissions?

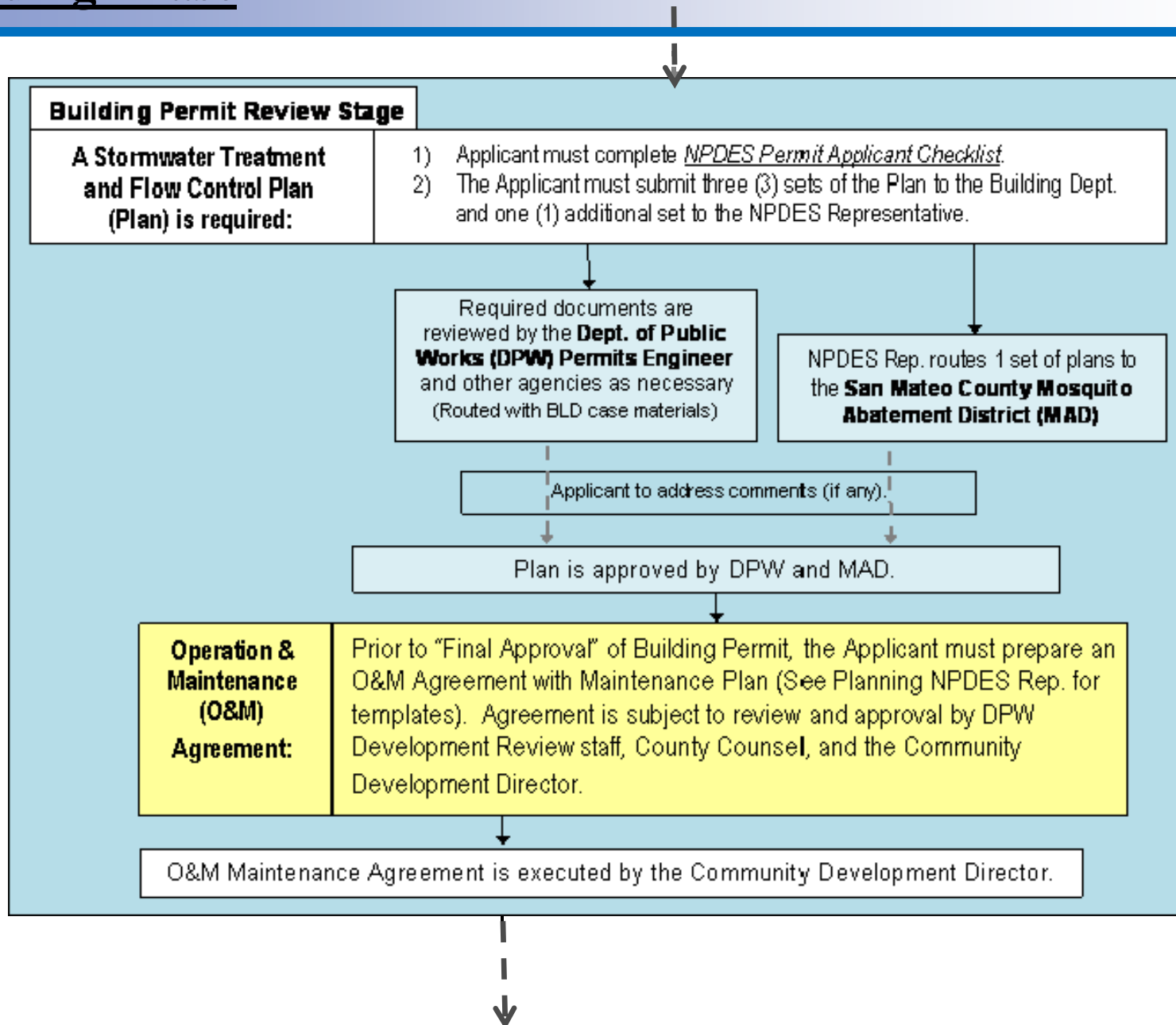




What Does the Applicant Need to Submit for Stormwater Control Plan Review?

- Stormwater Control Plan Sheet(s) showing:
 - Direction of flow, existing and proposed impervious and pervious surfaces.
 - Locations, sizes, details, planting list for stormwater control measures.
- Stormwater Control Plan Narrative:
 - Explains stormwater control measures.
 - Provides sizing calculations.

Building Phase



What Does Municipal Staff Review?: Stormwater Plan Reviewer

- Stormwater Control Plan Sheets:
 - Does runoff from the entire project flow to stormwater treatment measures?
 - Are the proposed stormwater treatment measures acceptable? (C.3 Technical Guidance)
 - Do details of the stormwater treatment measure conform? (TG, Chapter 6)
 - Are appropriate plants selected? (TG, Appendix A)

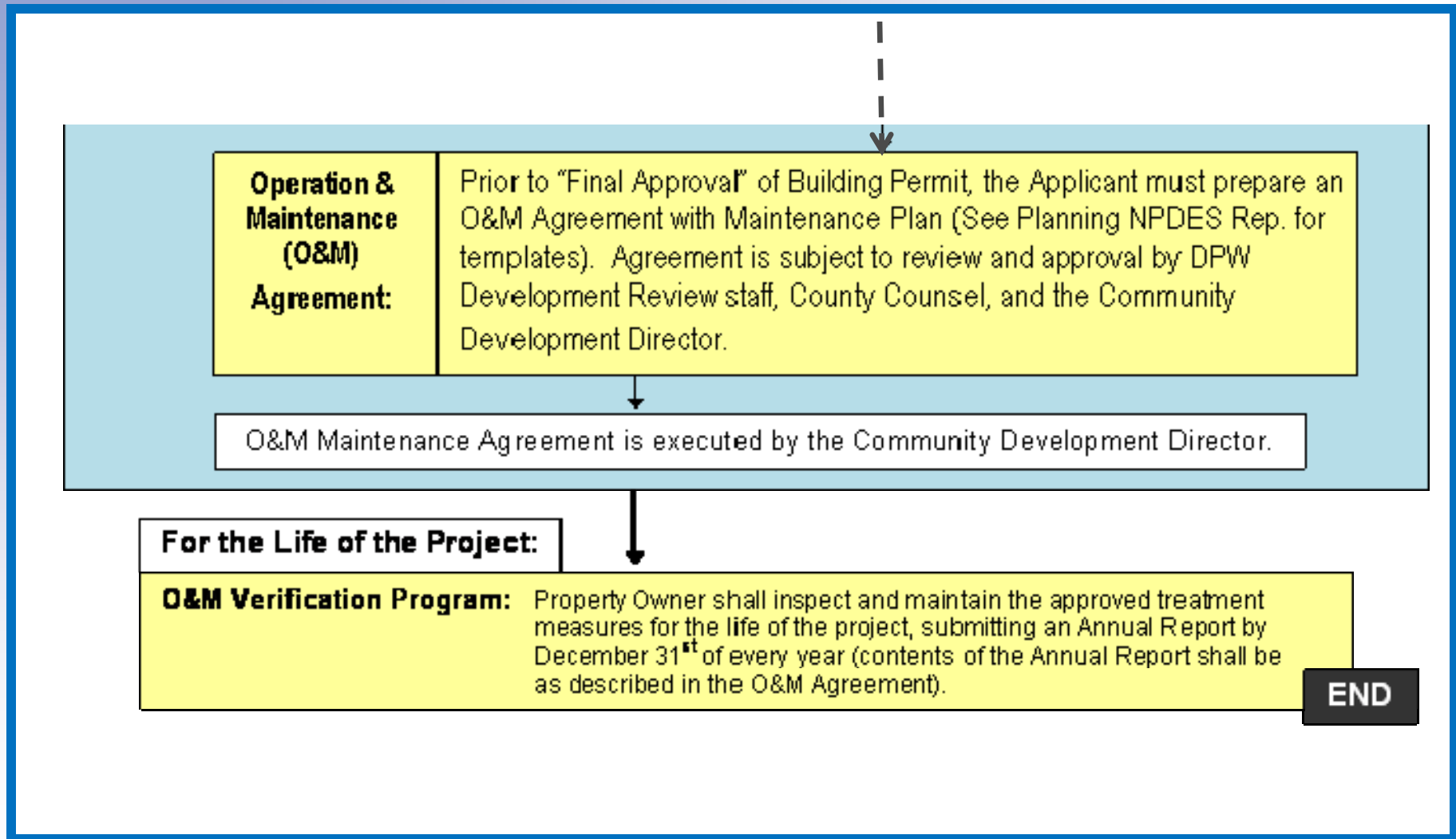


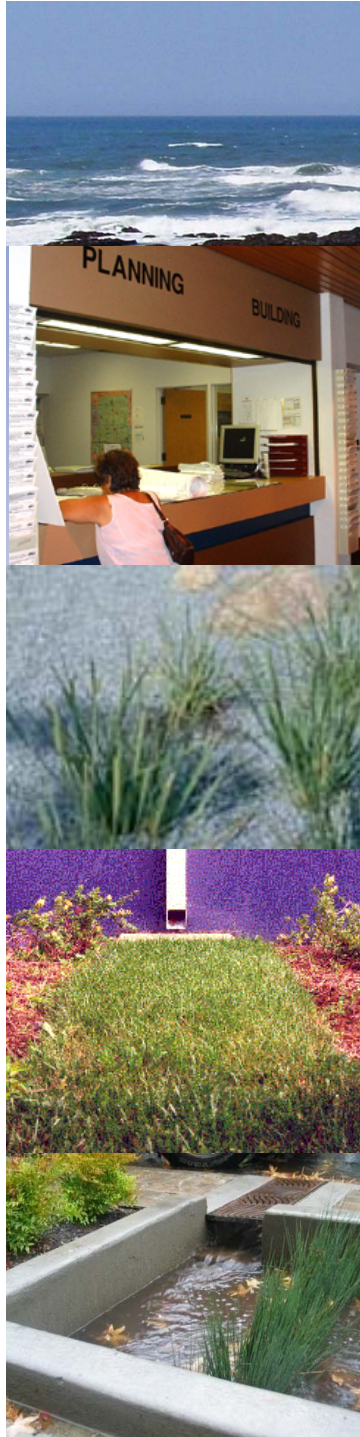


What Does Municipal Staff Review?: Stormwater Plan Reviewer

- Stormwater Control Plan Narrative:
 - Narrative provide rationale for selection and design of stormwater control measures and provide additional detail.
 - Review hydraulic sizing calculations to confirm that treatment measures are sized properly.
 - A qualified consultant may be hired to review hydraulic sizing calculations (per Provision C.3.f of the MRP).

Post-Construction Phase





Resources on the Countywide Program's

New Development Webpage:

www.flowstobay.org/bs_new_development.php

- Handouts
- Forms
 - Alternate Form (All in one)
- Source Control Model List
- C.3 Technical Guidance Document
 - Comprehensive guidance for applicants



Provision C.6 Overview: Required Construction Inspections in Wet Season

- All construction requires BMPs, especially during the wet-season (October 1 – April 30)
- Regulated Projects under Prov. C.6:
 1. Projects with 1 acre or more of land disturbance.
 2. High Priority Projects (Check with City's ERP or with City's New Development Representative)
- Monthly Inspections (minimum) during Wet Season
- Important to identify these projects prior to Building Permit Issuance



Contact Information:

Camille Leung, San Mateo County

cleung@smcgov.org

650.363.1826