

City of Rancho Cucamonga
BUILDING AND SAFETY SERVICES
DEPARTMENT

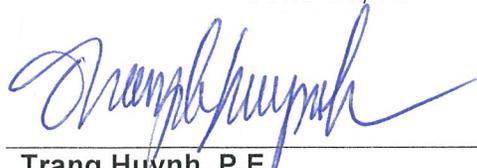
10500 Civic Center Dr., Rancho Cucamonga, CA 91730
Tel: (909) 477-2710 Fax: (909) 477-2711
<http://www.cityofrc.us/cityhall/bldg/forms/default.asp>

INFORMATION FOR
WATER QUALITY
MANAGEMENT PLAN
DOCUMENT REVIEW AND
APPROVAL

The current adopted edition of the Technical Guidance Document for Water Quality Management Plans (TGD-WQMP), WQMP Template as required under State Water Resources Control Board requirements Section XI.D.2 of Order No R8-2010-0036 was approved on June 21, 2013 and implemented on September 19, 2013.

The regulation also requires that the WQMP document is prepared by a professional Civil Engineer. This handout is to help guide the Civil Engineer for approval of the document through the City of Rancho Cucamonga

June 01, 2016



Approved by: Trang Huynh, P.E.
Building & Safety Director

Discussion:

The City of Rancho Cucamonga is a co-permittee with San Bernardino County for Storm Water Quality Management. The City follows the requirements found in the document *Technical Guidance Document for Water Quality Management Plans* prepared by CDM Smith Inc., prepared for The County of San Bernardino Areawide Stormwater Program NPDES No. CAS618036, Order No. R8-2010-0036. This document may be found on the County of San Bernardino's Webpage at <http://www.sbcounty.gov/dpw/land/npdes.asp>.

In addition, to the requirements in the Technical Guidance Document the reference order also requires information to be shown within the Water Quality Management Plan. The City of Rancho Cucamonga Building and Safety Department has adopted policies to include the additional items such as the formatting for a Preliminary Water Quality Management Plan to be submitted during the entitlement process, a requirement that the engineer of record inspect the proposed storm water structural treatment (BMP) devices, and to show the latitude/longitude location of the BMP's on the Site and Drainage Plan.

In addition, in an attempt to simplify the process for the design professionals and the developer, the City requires the Site and Drainage Plan to be included within the permitted set of grading construction documents. As the City Environmental Inspectors will be inspecting the proposed BMP devices on a triennial basis, the details of the BMP devices will need to be shown on the Site and Drainage Plan. Instead of requiring those details to be drawn again on the grading construction documents, the Site and Drainage Plan is required to be included with the grading construction documents. Renumbering of the sheet order on the Site and Drainage Plan within the Water Quality Management Plan document is not required.

The City of Rancho Cucamonga uses a unique approach for Water Quality Management Plans (WQMP). The WQMP document is reviewed by the Building and Safety Department in conjunction with the review of the grading plans. For reviewing purposes the WQMP document is assigned its own permit number (PMT#). This allows smaller projects which may not trip the requirements for a grading permit to separately meet the storm water quality requirements. In addition, this allows larger projects to move the grading and WQMP permits separately for scheduling purposes. As an example for a larger project a rough grading plan may be required to allow construction to start prior to recording a subdivision map. As long as the WQMP document is 80% complete the City of Rancho Cucamonga will issue a rough grading permit to start construction and allow the WQMP document to be completed and recorded prior to issuance of a precise grading permit.

The following are typical comments you will see returned in the City of Rancho Cucamonga's Accelerate Computer System. Specific comments may also be added. City Staff recommends that the engineer of record review and have a thorough understanding of the Technical Guidance Document (TGD) prior to completing Appendix B of the TGD, the model template for the Water Quality Management Plan.

The Water Quality Management Plan and the Site and Drainage Plan may be submitted as either paper documents or electronic documents for review. Either way the final project specific water quality management plan will be required to be submitted on a CD-ROM for archiving purposes. The Memorandum of Agreement of Water Quality Management Plan shall be recorded through the San Bernardino County Recorder's Office following their requirements.

Updated County Links: replace old <http://sbcounty.permitrack.com/WAP> with new <http://permitrack.sbcounty.gov/wap/>.

Review Requirements:

The following computer generated comments are based on the above referenced Technical Guidance Document. Additional comments may be included as appropriate.

Accelerate Reference	Comment
	WATER QUALITY MANAGEMENT PLAN
WQMP.02	Please see the red line comments in the water quality management plan document and the associated site and drainage plan.
WQMP.04	WQMP: A non-residential non-priority Water Quality Management Plan shall be prepared by a professional civil engineer.
WQMP.06	WQMP: The cover sheet of the Final Project-Specific Water Quality Management Plan shall include the name of the engineering company which prepared the document.
WQMP.08	WQMP: It is acceptable to the City of Rancho Cucamonga to insert additional sheets into this document as needed.
WQMP.10	WQMP: Please complete the Project Data form.
WQMP.12	WQMP: The property owner shall sign and date the Owner's Signature in the Project Data form and provide all required contact information.
WQMP.14	WQMP: The Project Data form in the Preparer's Certification shall be properly completed.
WQMP.16	WQMP: The civil engineer of record shall properly seal and wet sign, and include all required information in the Preparer's Certification form.
WQMP.18	WQMP: Form 1-1 Project Information: This form must be completed including the WQMP conditions.
WQMP.20	WQMP: Form 2.1-1 Description of Proposed Project: This form shall be properly completed.
WQMP.22	WQMP: Form 2.2-1 Property Ownership/Management: This form shall be properly completed. If the project is a subdivision and multiple owners are responsible for the maintenance and inspection of the storm water treatment devices, include a recorded copy of the Project CC&R's in an appendix of the final project-specific Water Quality Management Plan document.
WQMP.24	WQMP: Form 2.3-1 Pollutants of Concern: Please use Table 3-3 of the Technical Guidance Document (TGD) to properly prepare this form. Please include the pollutants of concern for the downstream reaches.
WQMP.26	WQMP: Form 2.4-1 Water Quality Credits: Please include a "Description of Water Quality Credit Eligibility" if it is not feasible to meet the requirements for on-site Low Impact Development (LID).
WQMP.28	WQMP: Form 3-1 Site Location and Hydrologic Features: Properly complete this form including the description of the conveyance. Adding additional sheets/pages is acceptable.
WQMP.30	WQMP: Form 3-2 Existing Hydrologic Characteristics for Drainage Area 1: Please complete this form for each Drainage Area (DA) [the Hydrology Boundary] and each Drainage Management Area (DMA) [if it is necessary to separate a sub-Hydrology Boundary from the Hydrology Boundary to meet specific project requirements] as shown on the full size Site and Drainage Plan located in Section 6.1 of the final project-specific Water Quality Management Plan. It is acceptable to

	insert additional sheets/pages.
WQMP.32	WQMP: Form 3-3 Watershed Description for Drainage Area 1: Please properly complete this form.
WQMP.34	WQMP: Form 4.1-1 Non-Structural Source Control BMP's: Properly complete this form including a description of the BMP implementation or if the identifier is not applicable, state a reason why.
WQMP.36	WQMP: Form 4.1-2 Structural Source Control BMP's: Properly complete this form including a description of the BMP implementation or if the identifier is not applicable, state a reason why. In additional SHOW THESE IDENTIFIERS ON THE SITE AND DRAINAGE PLAN.
WQMP.38	WQMP: Form 4.1-2 Structural Source Control BMP's – S5: The WQMP document is proposing to “Finish grade of landscape areas t a minimum of 1 - 2 inches below top of curb, sidewalk or pavement.” Please show a detail on the Site and Drainage Plan showing the finished grade below the adjacent impervious area.
WQMP.40	WQMP: Form 4.1-3 Preventive LID Site Design Practices Checklist: Please properly complete this form.
WQMP.42	WQMP: Form 4.1-3 Preventive LID Site Design Practices Checklist: As you are utilizing vegetated drainage swales, provide a detail of the vegetative drainage swale on the Site and Drainage Plan DRAWN TO SCALE and show all dimensions including the widths and the depths in the detail. If the swale is over compacted soil please note in the detail how the water will infiltrate into the soil.
WQMP.44	WQMP: Form 4.1-3 Preventive LID Site Design Practices Checklist: As you a proposing to stake off areas that will be used for landscaping to minimize compaction during construction, please delineate these areas on both the Site and Drainage Plan and the plan view of the Grading and Drainage Plan sheets.
WQMP.46	WQMP: Form 4.2-1 LID BMP Performance Criteria for Design Capture Volume: Please properly complete this form.
WQMP.48	WQMP: Form 4.2-1 LID BMP Performance Criteria for Design Capture Volume: Please prepare this form for each Drainage Area (DA) and/or Drainage Management Area (DMA).
WQMP.50	WQMP: Form 4.2-1 LID BMP Performance Criteria for Design Capture Volume: Revise your design capture volume to include a 48-hour drawdown rate as the default condition and per the Technical Guidance Document (TGD).
WQMP.52	WQMP: Form 4.2-2 through Form 4.2-5 Summary of HCOC Assessment (DA): Please provide a detailed explanation of the Hydrologic Condition of Concern or check the box “No” in the first line.
WQMP.53	WQMP: Form 4.3-1 Infiltration BMP Feasibility: Properly complete this form.
WQMP.54	WQMP: Form 4.3-1 Infiltration BMP Feasibility: (add special comments here).
WQMP.56	WQMP: Form 4.3-2 Site Design Hydrologic Source Control BMP's: Properly complete this form. All values should be checked either “yes” or “no”. If “no” include “0” as the value in the last line for the line item volume for each implementation methodology.
WQMP.58	WQMP: Form 4.3-2 Site Design Hydrologic Source Control BMP's: for the first implementation methodology which reads “...excluding impervious areas planned for routing to on-lot infiltration BMP”. As you are proposing on-lot infiltration this box should be checked “no”.
WQMP.60	WQMP: Form 4.3-3 Infiltration LID BMP – including underground BMP's: Properly complete this form for each Drainage Area (DA)/Drainage Management

	to correctly size the storm water treatment BMP device. Use “Worksheet H: Factor of Safety and Design Infiltration Rate and Worksheet” to compute the appropriate factor of safety for this project. Worksheet H may be found on page VII-35 of Appendix D of the Technical Guidance Document.
WQMP.62	WQMP: Form 4.3-4 Harvest and Use BMP’s: Properly complete this form for each Drainage Area (DA)/Drainage Management to correctly size the storm water treatment BMP device.
WQMP.64	WQMP: Form 4.3-5 Selection and Evaluation of Biotreatment BMP: Properly complete this form for each Drainage Area (DA)/Drainage Management to correctly size the storm water treatment BMP device.
WQMP.66	WQMP: Form 4.3-6 Volume Based Biotreatment (DA) Bioretention and Planter Boxes with Underdrains: Properly complete this form for each Drainage Area (DA)/Drainage Management to correctly size the storm water treatment BMP device.
WQMP.68	WQMP: Form 4.3-7 Volume Based Biotreatment (DA) Constructed Wetlands and Extended Detention: Properly complete this form for each Drainage Area (DA)/Drainage Management to correctly size the storm water treatment BMP device.
WQMP.70	WQMP: Form 4.3-8 Flow Based Biotreatment (DA): Properly complete this form for each Drainage Area (DA)/Drainage Management to correctly size the storm water treatment BMP device.
WQMP.72	WQMP: Form 4.3-9 Conformance Summary and Alternative Compliance Volume Estimate (DA): Properly complete this form for each Drainage Area (DA)/Drainage Management to correctly size the storm water treatment BMP device.
WQMP.74	WQMP: Form 4.3-10 Hydromodification Control BMP’s (DA): Properly complete this form for each Drainage Area (DA)/Drainage Management to correctly size the storm water treatment BMP device.
WQMP.76	WQMP: Section 4.4 Alternative Compliance Plan: Prior to completing this section, obtain approval in writing from the Building Official, or his designee.
WQMP.78	WQMP: Form 5.1 Inspection and Maintenance: Include all storm water treatment/structural (BMP) devices in this form.
WQMP.80	WQMP: Form 5.1 Inspection and Maintenance: As a reference is made to CC&R’s please include a final recorded copy of the CC&R’s in this final project-specific water quality management plan document prior to final approval of this document and issuance of a grading permit.
WQMP.82	WQMP: Form 5.1 Inspection and Maintenance: Clearly describe the inspection/maintenance activity to be performed. Referencing another manual/document is not acceptable. However, please include the other manual/document in an appendix for reference.
WQMP.84	WQMP: Form 5.1 Inspection and Maintenance: Provide a specific time frame for the inspection/maintenance to be performed such as a month or a season. Annually or once per year is not acceptable.
WQMP.86	WQMP: Form 5.1 Inspection and Maintenance: Remove the City of Rancho Cucamonga from the responsible party.
WQMP.88	WQMP: Section 6.1 Site and Drainage Plan: On the Site and Drainage Plan in the WQMP document please include the following items: a) Please include a maintenance schedule for each of the structural treatment devices (BMP’s) and

	<p>who will be maintaining each structural treatment device (BMP) [the schedule must be clear and simple to understand for both the property owner/manager and the City Staff for the required triennial inspections]; b) Please show details for each structural/treatment (BMP) device and clearly label them in the plan view, including any filters; c) Provide the latitudinal/longitudinal coordinates for each structural treatment (BMP) device; d) Clearly show how the storm water falling on the impervious surfaces within the public right of way will be treated; e) provide 1-foot contours for both the existing and proposed topography; f) Source Control treatment devices (BMP's) and Non-Structural Source Control BMP's numbered; g) clearly delineate all drainage management areas; h) Show the hydrologic source controls per the Technical Guidance Document (see item F); i) Provide a typical lot drainage detail; j) This shall be a full size Site and Drainage Plan, minimum sheet size is 24" x 36", maximum sheet size is 30" x 42", multiple sheets are acceptable.</p>
WQMP.90	<p>WQMP: Section 6.2 Electronic Data Submittal: Prior to approval of the Water Quality Management Plan provide an electronic copy of the entire WQMP document on a CD-ROM. The WQMP document shall be in .pdf format and the Site and Drainage Plan shall be in both a .pdf format and an AutoCAD format. The CD-ROM shall include all appendixes, attachments, educational materials, the project conditions of approvals, executed agreements, recorded CC&R's and all supplemental reports.</p>
WQMP.92	<p>WQMP: Section 6.3 Post Construction: Attach all operation and maintenance plans/manuals for the proprietary storm water quality treatment (BMP) devices in an appendix to this document.</p>
WQMP.94	<p>WQMP: Section 6.3 Post Construction: Attach all maintenance agreements for the proprietary storm water quality treatment (BMP) devices in an appendix to this document.</p>
WQMP.96	<p>WQMP: Section 6.4 Other Supporting Documentation: Include a copy of the project staff report/conditions of approval in an appendix to this document.</p>
WQMP.98	<p>WQMP: Section 6.4 Other Supporting Documentation: Include a copy of the non-structural and structural treatment devices (BMP's) Educational Materials in an appendix to this document.</p>
WQMP.100	<p>WQMP: Section 6.4 Other Supporting Documentation: Include a copy of the final recorded CC&R's in an appendix to this document.</p>
WQMP.102	<p>WQMP: Section 6.4 Other Supporting Documentation: Include a copy of any activity restrictions in an appendix to this document.</p>
WQMP.104	<p>WQMP: Section 6.4 Other Supporting Documentation: Include a copy of the Soil/Geotechnical Engineers Infiltration Study and Recommendations in an appendix to this document.</p>
WQMP.106	<p>WQMP: Section 6.4 Other Supporting Documentation: Include a copy of Worksheet H (located in Appendix D, page VII-35): Factor of Safety and Design Infiltration Rate and Worksheet, to support the calculations in Form 4.3-3. Please verify your calculations and explain the methodology used for the Factor of Safety.</p>
WQMP.108	<p>WQMP: Section 6.4 Other Supporting Documentation: As this project is proposing a Class V Injection Well, include a copy of a completed EPA Form 7520-16, Inventory of Injection Wells. Include a copy of the form in an Appendix to the WQMP document and scan and paste the form onto the Site and Drainage Plan.</p>
WQMP.110	<p>WQMP: Section 6.4 Other Supporting Documentation: (insert other documents as required)</p>
WQMP.112	<p>The Water Quality Management Plan (WQMP) prepared by _____ dated</p>

	_____ has been reviewed and deemed “Incomplete” dated ____”. Please review the Technical Guidance Document prior to the next submittal. Should you have questions you may make an appointment with Matthew Addington, Associate Engineer, at extension 4202 to discuss the requirements of the WQMP document.
WQMP.114	The Water Quality Management Plan (WQMP) prepared by _____ dated _____ has been reviewed and deemed “Corrections Required” dated ____”. Prior to resubmitting for the next review the engineer of record may make an appointment to come to Building and Safety to review the red line comments for the Water Quality Management Plan.
WQMP.116	The Water Quality Management Plan (WQMP) prepared by _____ dated _____ has been reviewed and deemed “Approved” dated _____. Please submit a copy of the City of Rancho Cucamonga’s Memorandum of Agreement of Storm Water Quality Management Plan to Matthew Addington, Associate Engineer, for review prior to recording the document. In addition, please submit 3 copies of the Site and Drainage Plan.
WQMP.118	In accordance with the current adopted Municipal Separate Storm Sewers Systems (MS4) Permit and the current adopted Technical Guidance Document for Water Quality Management Plans the following criteria shall apply for the hierarchy of the structural storm water treatment devices commonly referred to as BMPs: “To reduce pollutants in urban runoff, address hydro-modification, and manage storm water as a resource to the maximum extent practicable, the WQMPs shall specify preferential use of site design BMPs that incorporate Low Impact Development (LID) techniques in the following manner (from highest to lowest priority); (1) Preventive measures (these are mostly non-structural measures, e.g., preservation of natural features to a level consistent with the maximum extent practicable standard; minimization of runoff through clustering, reducing impervious areas, etc.) and (2) Mitigative measures (these are structural measures, such as, infiltration, harvesting and use, bio-treatment, etc.). The mitigative or structural site design BMPs shall also be prioritized (from highest to lowest priority): (1) Infiltration BMPs (examples include permeable pavement with infiltration beds, drywells, infiltration trenches, surface and sub-surface infiltration basins, Infiltration Treatment Control BMPs shall be design appropriately; (2) BMPs that harvest and use (e.g., cisterns and rain barrels); and (3) Vegetated BMPs that promote evapotranspiration including bio-retention, bio-infiltration and bio-treatment.
WQMP.120	Drywells shall meet the Groundwater Protection requirements of the current adopted Municipal Separate Storm Sewers Systems (MS4) Permit, specifically “Treatment Control BMP’s utilizing infiltration [exclusive of incidental infiltration and BMPs not designed to primarily function as infiltration devices (such as grassy swales, detention basins, vegetated buffer strips, constructed wetlands, etc.) must comply with the following minimum requirements to protect groundwater: a. Use of structural infiltration treatment BMPs shall not cause or contribute to an exceedance of groundwater water quality objectives. b. Source control and pollution prevention control BMP’s shall be implemented to protect groundwater quality. The need for pre-treatment BMPs such as sedimentation or filtration should be evaluated prior to infiltration. c. Adequate pretreatment of runoff prior to infiltration shall be required in gas stations and large commercial parking lots.

	<ul style="list-style-type: none"> d. Unless adequate pre-treatment of runoff is provided prior to infiltration structural infiltration treatment BMPs must not be used for areas of industrial or light industrial activity, areas subject to high vehicular traffic (25,000 or more daily traffic); car washes; fleet storage areas; nurseries; or any other high threat to water quality land uses or activities. e. Class V injection wells or dry wells must not be placed in areas subject to vehicular repair or maintenance activities, such as an auto body repair shop, automotive repair shop, new and used car dealership, specialty repair shop (e.g., transmission and muffler repair shop) or any facility that does any vehicular repair work. f. Structural infiltration BMP treatment shall not be used at sites that are known to have soil and groundwater contamination. g. Structural infiltration treatment BMPs shall be located at least 100-feet horizontally from any water supply wells. h. The vertical distance from the bottom of any infiltration structural treatment BMP to the historic high groundwater mark shall be at least 10-feet. Where the groundwater basins do not support beneficial uses, this vertical distance criteria may be reduced, provided groundwater quality is maintained. i. Structural infiltration treatment BMPs shall not cause a nuisance or pollution as defined in Water Code Section 13050.
WQMP.122	<p>Deep drywells maybe used based on the following criteria and recommendations of the project soils engineer:</p> <ul style="list-style-type: none"> a. Drywells may be used in Type A soils only. b. The project soils engineer shall provide a recommendation for the use of a deep drywell noting that the soil porosity is acceptable for the deep drywell. c. Prior to storm water draining into the drywell, pre-treatments of the storm water shall be provided upstream of the drywell. d. The project soils engineer shall provide the depth of the highest historic groundwater level below the bottom of the deep drywell. e. The drywell shall be engineered to contain the required design capture volume of the storm water to be treated. f. Prior to approval of the project-specific water quality management plan (WQMP) a copy of the executed agreement for maintenance of the drywell system shall be included in the WQMP document.
	SITE AND DRAINAGE PLAN
SD.02	WQMP S&D: Please include 3 copies of the Water Quality Management Plan - Site and Drainage Plan (to meet the requirements of the current adopted MS4 permit). One sheet will be forwarded to the State Water Board and one sheet to the West Valley Mosquito and Vector Control. The City will keep one sheet for our files.
SD.04	WQMP S&D: a. Clearly show and label all volume based and flow based structural storm water treatment devices (BMP's).
SD.06	WQMP S&D: b. Provide detail(s) for <u>all</u> BMP's.
SD.08	WQMP S&D: c. Provide an inspection and maintenance schedule and responsibility for <u>all structural and non-structural</u> BMP's.
SD.10	WQMP S&D: d. Provide Waste Discharge Identification Number (WDID).
SD.12	WQMP S&D: e. Provide an Engineer's As-Built Certificate (see Attachment 1) of

	the City of Rancho Cucamonga handout “Information for Grading Plans and Permit”.
	WQMP S&D: f. On the Site and Drainage (S&D) Plan in the Grading and Drainage Plan set (and WQMP document) please include the following items: a) Please include a maintenance schedule for each of the non-structural and structural storm water treatment devices (BMP’s) and who will be maintaining each BMP (the schedule must be clear and simple to understand for both the property owner/manager and the City Staff for the required triennial inspections; b) Please show details for each storm water structural/treatment (BMP) device and clearly label them in the plan view, including any filters; c) Provide the latitudinal/longitudinal coordinates for each storm water structural treatment (BMP) device; d) Clearly show how the storm water falling on the impervious surfaces within the public right of way will be treated; e) provide 1-foot contours for both the existing and proposed topography; f) Source Control BMP’s and Non-Structural Source Control BMP’s numbered; g) clearly delineate all drainage management areas; h) Show the hydrologic source controls per the Technical Guidance Document (see item F); i) Provide a typical lot drainage detail; k) Provide a structural storm water treatment device (BMP) control for the equestrian corrals; l) The Drainage Areas need to be shown as Hydrology Area boundaries and the Drainage Management Areas need to be shown as sub-Hydrology Area boundaries.
SD.14	The Water Quality Management Plan (WQMP) is required to show how ALL proposed/removal/replacement impervious areas will treat the storm water, this includes the proposed/removal/replacement impervious area within the Public Right-of-Way. As the City of Rancho Cucamonga will not allow any structural treatment storm water BMP (Best Management Practices) devices within the public right of way, which will require any maintenance costs to be paid for by the City, the City will allow the use of the maximum extent practicable (MEP) principle. On the WQMP you may show your hydrology drainage area boundaries to the center of the street (i.e. the gross lot area) to compute the storm water treatment design capture volume (DCV) to be treated on-site (i.e. the net lot area). Should you have any questions regarding this MEP principle please contact Matthew Addington, Associate Engineer, at extension 4202. Should you choose to use this MEP principle please describe your use of this principle in Form 1-1 of the final-project specific Water Quality Management Plan.
SD.16	On the WQMP Site and Drainage Plan provide a detail and call out the storm water catch basin insert filters. Provide a specification or manufacturer/model for the insert filters.
SD.18	All sheets: d. Seal (wet or electronic) and signature (wet or electronic) of the Civil Engineer registered in California shall be on all sheets. See State of California Business and Professions Code §6735. Electronic seals and electronic signatures are permitted.
SD.20	Title (Cover) Sheet Content: a. Show the acreage of site (gross and net), the disturbed area (square feet) and the impervious area (square feet) both on the Grading Plan title sheet and the WQMP Site and Drainage Plan. As required per the Municipal Separate Storm Sewer Systems Permit, removal and replacement of impervious areas is considered an impervious area and shall be noted as appropriate in these calculations.
SD.22	As this project is proposing a Class V Injection Well(s), include a copy of a

	completed EPA Form 7520-16, Inventory of Injection Wells. Scan and paste a copy of the completed form to the Site and Drainage Plan, and include a copy of the form in an appendix to the final project-specific water quality management plan.
SD.24	The project is proposing structural storm water treatment devices in the rear yards of residential lots. As inspecting these devices in the rear yards of residential lots is difficult, the applicant shall comply with City policy to provide legal and physical access to the rear yards for inspection by City Staff. This shall be provided for in the project CC&R's and shall be shown as an easement on the Final/Parcel Map for the project. Provide a reference copy of the Final/Parcel Map with the next submittal package.
SD.26	The project is proposing a geotextile material at the bottom of the storm water structural treatment device (e.g. underground infiltration chambers or similar) surrounded by crushed rock/aggregate. The City of Rancho Cucamonga recommends that the engineer revise the standard manufacturers detail to remove the geotextile material from the bottom of the trench, as the rock dust from the crushed rock/aggregate has the potential to filter down to the bottom of the trench and settle on the geotextile fabric which may reduce the infiltration rate into the soil and cause an early failure of the structural storm water treatment device.

ATTACHMENT 1

CERTIFICATE:

1. WQMP BMP As-Built Certificate

I hereby certify that the necessary water quality management plan storm water structural treatment (Best Management Practice) devices have been constructed under my supervision and are functional to the best of my knowledge as of the date below.

Signature

Date

Wet Seal

The above certificate shall be placed on the first sheet of the Water Quality Management Plan Site and Drainage Plan.