

**PENFIELD & SMITH DRAINAGE REPORT,
DATED JULY 23, 2008 INFORMATION UDA PTE**



Penfield & Smith

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MEMORANDUM

TO: Diana White, City of Goleta

FROM: Robert A. Schmidt, P.E.

SUBJECT: Drainage Report, Dated July 23, 2008 Information Update

WORK ORDER: 17636.08

DATE: April 18, 2014

The purpose of this Memo is to summarize in chronological order updates to the current grading and drainage plan and/or Drainage Report and their variances to the original Goleta Marriott Residence Inn Drainage Report, dated July 23, 2008.

Memo Update (July 21, 2010)- Updates to the grading and drainage plan dated June 16, 2010.

The major change was due to the March 2010 Design Review Board (DRB) comments to move the building approximately 22 feet +/- to the north. Parking that was on the north side of the building has been relocated to the south side. Grades around the building have been updated to accommodate the move of the building. The finish floor elevation is the same as it was before, 2 feet above base flood elevation per FEMA maps.

This grading update does not change the site drainage. The detention basin and bioswales are still in the same location and are the same sizes. The drainage patterns and drainage areas for the site are still relatively the same as they were before so peak flows for the site will remain as they were before. Post- peak runoff will be less than Pre- peak runoff per current the latest grading plan. (Tabulation of impervious areas for the current grading and drainage plan dated June 16, 2010 is less than that of the July 23, 2008 drainage report.) The building footprint has been reduced and the parking square footage has also been reduced.

Therefore, the findings of the July 23, 2008 Drainage Report are sufficient for the current grading and drainage plan dated June 16, 2010.

Memo Update (September 7, 2012)- The grading and drainage Plan was updated again in August 1, 2011. The change in this plan from the June 16, 2010 reflects the removal of the sewer lift station along Hollister Ave and the change in the parcel. The portion of the parcel that was located in the City of Santa Barbara's Jurisdiction has been dedicated to the City of Santa

Barbara and is no longer part of the said property. No other changes were made to this plan, therefore the grading and drainage remains as it was per the June 16, 2010 plans.

Memo Update (April 14, 2014)- The purpose of this update is to summarize the changes to the drainage report due to the recent update in design requirements by the City of Goleta. As of March 6, 2014 the city requires all projects to follow the County of Santa Barbara Technical Guide for Low Impact Development dated February 18, 2014. This updated technical guide is a result of the California Regional Water Quality Control Board Central Coast Region update to Post-Construction Stormwater Management Requirements for Development Projects in the Central Coast Region per Resolution No. R3-2013-0032.

Update to grading and drainage plan consists of changing the bio-swales on the western and southern side of site into bioretention areas. The original design from 2008 allowed the storm water from the impervious parking lots to drain into a long continuous bio-swale for cleaning purposes. The updated approach will allow for the same impervious parking lots to drain to bioretention areas. Bioretention areas better meet the specific RWQCB requirements. The design of a bioretention area allows for storm water to pond and infiltrate through an engineered soil. Soil conditions on this site do not allow for infiltration so an underdrain will be placed at the bottom of the engineered soil. The location of the bioretention areas are within the proposed fill and no excavation into the existing soils is anticipated with the update. Excavations for this update will not be deeper than originally anticipated.

Update to the drainage report. This project has been deemed by the Water Quality Board to be in a Historic Lake Special Circumstance area Performance Requirement No. 5. (See attachment A for letter from the Board dated March 3, 2014). The requirements of this project is to meet the following:

- Performance Requirement No. 1 – Site Design and Runoff Reduction
- Performance Requirement No. 2 - Water Quality Treatment
- Detention: Detain runoff such that the post-project discharge rate does not exceed the pre-project rate for all runoff up to the 95th percentile 24-hr rainfall event, or a more protective rate consistent with the Permittee's own development requirements.
- Peak Management: Detain runoff such that the post-project peak discharge rate does not exceed the pre-project rate for the 95th percentile 24-hr rainfall event and the 2- through 10-yr storm events or a more protective rate consistent with the Permittee's own development. Note: City of Goleta also requires Peak Management of projects for storm events of 25- through 100- year storm events.

Incorporating the update of the grading plan and changing the bio-swales to bio-retention areas into the Hydrological analysis allows this project to meet the above requirements with no additional changes to the site.

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD CENTRAL COAST
REGION RESOLUTION NO. R3-2013-0032**

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
895 Aerovista Place, Suite 101
San Luis Obispo, California**

RESOLUTION NO. R3-2013-0032

**APPROVING POST-CONSTRUCTION STORMWATER MANAGEMENT REQUIREMENTS
FOR DEVELOPMENT PROJECTS IN THE CENTRAL COAST REGION**

The Central Coast Regional Water Quality Control Board (Central Coast Water Board) finds that:

Background

1. On December 8, 1999, USEPA promulgated regulations, known as Phase II, requiring permits for stormwater discharges from small Municipal Separate Storm Sewer Systems (MS4s) and from construction sites disturbing one and five acres of land. On February 5, 2013, the State Water Resources Control Board (State Water Board) adopted the National Pollutant Discharge Elimination System (NPDES) General Permit for the Discharge of Storm Water from Small Municipal Separate Storm Sewer Systems, Order No. 2013-0001-DWQ (Phase II Municipal General Permit). Regulated small MS4s are required to apply to obtain coverage under the Phase II Municipal General Permit and complete a Guidance Document. Under the previous Municipal General Permit (Order No. 2003-0005-DWQ), the MS4s were required to complete a Storm Water Management Plan (SWMP). The Central Coast Water Board implements the Phase II Municipal General Permit to be consistent with its Water Quality Control Plan, Central Coast Region (Basin Plan) to ensure protection of water quality, beneficial uses, and the biological and physical integrity of watersheds in the Central Coast region. The Central Coast Water Board Executive Officer requires specific conditions for MS4s pursuant to the federal Clean Water Act, the Basin Plan, and the Phase II Municipal General Permit.
2. The Phase II Municipal General Permit requires regulated small MS4s to develop and implement Best Management Practices (BMPs), measurable goals, and timetables for implementation, designed to reduce the discharge of pollutants to the maximum extent practicable (MEP) and to protect water quality. The Phase II Municipal General Permit requires regulated small MS4s to address stormwater runoff from development and redevelopment projects through post-construction stormwater management requirements. Phase II Municipal General Permit section E.12.k requires the Permittee to comply with alternative post-construction storm water management requirements based on a watershed-process approach after development and approval by the Central Coast Water Board.
3. The Central Coast Water Board approved Post-Construction Storm Water Management Requirements for Development Projects in the Central Coast (Post-Construction Requirements) on September 6, 2012 through adoption of Resolution R3-2012-0025. Resolution R3-2012-0025 made findings that Central Coast municipalities must implement the Post-Construction Requirements to comply with the statewide Phase II Municipal General Permit, Order No. 2003-0005-DWQ in effect at that time.

4. At the time of adoption of Resolution R3-2012-0025 by the Central Coast Water Board, State Water Board staff was preparing to reissue the Phase II Municipal General Permit. The State Water Board reissued the permit on February 5, 2013.
5. The reissued Phase II Municipal General Permit included several new provisions affecting the implementation of post-construction requirements on the Central Coast. First, the reissued Phase II Municipal General Permit allows for implementation of the Central Coast Post-Construction Requirements in the Central Coast (Section E.12.k, Order No. 2013-0001-DWQ). Second, it identifies the Cites of Greenfield, Gonzales, and Guadalupe, as new Traditional MS4s (Attachment A, Order No. 2013-0001-DWQ). Third, it requires the Guidance Document for Renewal Permittees to (1) identify and describe each BMP and associated measurable goal, included in the Permittee's most current SWMP, that constitutes a more specific local or tailored level of implementation that may be more protective of water quality than the minimum requirements of the Phase II Municipal General Permit; and (2) for any more protective, locally-tailored BMP and associated measurable goal for which the Renewal Permittee will reduce or cease implementation, provide a demonstration to the Executive Officer of the relevant Regional Water Board that the reduction or cessation is in compliance with Phase II Municipal General Permit and the maximum extent practicable standard, and will not result in increased pollutant discharges (Section A.1.b.4., Order No. 2013-0001-DWQ). All of the municipalities participating in the Central Coast Joint Effort for Low Impact Development and Hydromodification Control (Joint Effort MS4s) are Renewal Permittees under the reissued permit.
6. The Central Coast Water Board's September 6, 2012 Resolution R3-2012-0025, which approved the Post-Construction Requirements, must be re-adopted by the Central Coast Water Board after a public process for consistency with the reissued Phase II Municipal General Permit. The language of the Central Coast Water Board's September 6, 2012 Resolution R3-2012-0025: refers to the former Phase II Municipal General Permit, Order No. 2003-0005-DWQ instead of the current Phase II Municipal General Permit, Order No. 2013-0001-DWQ; cites the section numbers for post construction requirements as per Order No. 2003-0005-DWQ instead of the reissued Phase II Municipal General Permit section numbers; and describes implementation via SWMPs as in Order No. 2003-0005-DWQ instead of directly through permit requirements as in the reissued Phase II Municipal General Permit.
7. On February 15, 2008, the Central Coast Water Board Executive Officer notified un-enrolled traditional, small MS4 stormwater dischargers and two un-enrolled non-traditional, small MS4 stormwater dischargers (University of California at Santa Barbara and Santa Cruz) of the process the Central Coast Water Board would follow for enrolling the MS4s under the Phase II Municipal General Permit. In the February 15, 2008 correspondence, the Central Coast Water Board Executive Officer stated his intent to require MS4s to include in their SWMPs a schedule for development and adoption of hydromodification control standards. Subsequently, the Executive Officer required the MS4s' SWMPs to include provisions for development and implementation of hydromodification control criteria. For MS4s previously enrolled, the Central Coast Water Board Executive Officer generally required those MS4s' SWMPs to be updated with hydromodification control provisions.
8. On August 4, 2009 and October 20, 2009, the Central Coast Water Board Executive Officer notified the MS4s of the option to participate in the Central Coast Joint Effort for developing hydromodification control criteria (Joint Effort) as a means to meet the hydromodification control criteria development, adoption, and implementation commitments in the MS4s'

SWMPs. MS4s agreeing to participate in the Joint Effort (Joint Effort MS4s) submitted a written declaration of their intent to meet the terms of participation.

9. Between January and August 2010, Central Coast Joint Effort MS4s amended their SWMPs to include BMPs to codify steps the Central Coast Water Board Executive Officer required of them to participate in the Joint Effort. These BMPs included development and implementation of hydromodification control criteria and selection of applicability thresholds pursuant to the Joint Effort.
10. On September 28, 2010, the Central Coast Water Board Executive Officer notified the Joint Effort MS4s of the commencement of the Joint Effort.
11. On December 2, 2009, the City of Salinas requested to participate in the Joint Effort. On May 17, 2011, Central Coast Water Board Executive Officer outlined to the City of Salinas the steps they needed to take to formalize participation in the Joint Effort. On August 16, 2011, the City of Salinas modified its SWMP to include these steps. On May 3, 2012, the Central Coast Water Board approved Order No. R3-2012-0005, NPDES Permit No. CA0049981, Waste Discharge Requirements for City of Salinas Municipal Stormwater Discharges. Order No. R3-2012-0005, Provision J requires the City of Salinas to revise its Stormwater Development Standards to incorporate the Post-Construction Requirements, developed by the Joint Effort.

Stormwater Management to Protect Beneficial Uses

12. Prior to the Joint Effort, information on the local characteristics of Central Coast watersheds was inadequate for MS4s to develop Post-Construction Requirements that protect watershed processes so that beneficial uses of receiving waters are maintained and, where applicable, restored. The Central Coast Water Board secured funds from the State Water Quality Control Board's Cleanup and Abatement Account to support acquisition and assessment of information to inform the development of hydromodification control criteria and related Post-Construction Requirements. These funds were used to establish an expert team of scientists that would characterize the Central Coast region's watersheds and help create a methodology for developing Post-Construction Requirements based on that characterization. The Post-Construction Requirements included in this Resolution (Attachment 1) are based on the methodology, which has been summarized in the Technical Support Document for Post-Construction Stormwater Management Requirements for Development Projects in the Central Coast Region (Technical Support Document) (Attachment 2).
13. The Technical Support Document (Attachment 2) contains rationale, justification, and explanation for the Post-Construction Requirements. This information is hereby incorporated by reference.
14. Urban runoff is a leading cause of pollution throughout the Central Coast region. Development and urbanization increase pollutant loading and volume, velocity, frequency, and discharge duration of stormwater runoff. First, natural vegetated pervious ground cover is converted to impervious surfaces such as highways, streets, rooftops and parking lots. While natural vegetated soil can both absorb rainwater and remove pollutants, providing an effective natural purification process, impervious surfaces, in contrast, can neither absorb water nor remove pollutants, and thus the natural purification characteristics are lost. Second, urban development creates new pollution sources as the increased density of

human population brings proportionately higher levels of vehicle emissions, vehicle maintenance wastes, pesticides, household hazardous wastes, pet wastes, trash, and other anthropogenic pollutants, which can either be washed or directly dumped into the MS4. As a result, the runoff leaving the developed urban area is significantly greater in pollutant load than the pre-development runoff from the same area. These increased pollutant loads must be controlled to protect downstream receiving water quality. Additionally, the increased volume, increased velocity, and discharge duration of stormwater runoff from developed areas, has the potential to accelerate downstream erosion, reduce groundwater recharge, and impair stream habitat in natural drainages.

15. A higher percentage of impervious area correlates to a greater pollutant loading, resulting in turbid water, nutrient enrichment, bacterial contamination, organic matter loads, toxic compounds, temperature increases, and increases of trash or debris.
16. The discharge of pollutants and/or increased flows from MS4s can cause or threaten to cause exceedances of applicable receiving water quality objectives, impair or threaten to impair designated beneficial uses, and result in a condition of pollution (i.e., unreasonable impairment of water quality for designated beneficial uses), contamination, hazard, or nuisance.
17. Maintenance and restoration of watershed processes impacted by stormwater management is necessary to protect water quality and beneficial uses. Watershed processes affected by stormwater, by actions to manage stormwater, and/or by land uses that alter stormwater runoff patterns include the following: 1) overland flow, 2) groundwater recharge, 3) interflow, 4) evapotranspiration, 5) delivery of sediment and organic matter to receiving waters, and 6) chemical and biological transformations. These watershed processes must be maintained and protected in order to support beneficial uses throughout the Central Coast region's watersheds. Restoration of degraded watershed processes, impacted by stormwater management, is necessary to protect water quality and re-establish impacted beneficial uses. New development, redevelopment, and existing land use activities create alterations to stormwater runoff conditions which in turn result in changes to watershed processes that can cause or contribute to impairment of beneficial uses and violations of water quality standards. Future growth planned within the Central Coast region will degrade watershed processes if not managed properly.
18. Low Impact Development (LID) is an effective approach to managing stormwater to minimize the adverse effects of urbanization and development on watershed processes and beneficial uses resulting from changes in stormwater runoff conditions. LID strategies can achieve significant reductions in pollutant loading and runoff volumes as well as greatly enhanced groundwater recharge rates. The proper implementation of LID techniques results in greater benefits than single purpose stormwater and flood control infrastructure.
19. Controlling urban runoff pollution by using a combination of onsite source control and LID BMPs augmented with treatment control BMPs before the runoff enters the MS4 is important for the following reasons: 1) many end-of-pipe BMPs (such as diversion to the sanitary sewer) are typically ineffective during significant storm events, but onsite source control BMPs can be applied during all runoff conditions; 2) end-of-pipe BMPs are often incapable of capturing and treating the wide range of pollutants which can be generated on a sub-watershed scale; 3) end-of-pipe BMPs are more effective when used as polishing BMPs, rather than the sole BMP to be implemented; 4) end-of-pipe BMPs do not protect the quality or beneficial uses of receiving waters between the source and the BMP; and 5) offsite end-

of-pipe BMPs do not aid in the effort to educate the public regarding sources of pollution and their prevention.

20. The risks associated with infiltration can be properly managed by many techniques, including: 1) designing landscape drainage features that promote infiltration of runoff, but do not “inject” runoff (injection bypasses the natural processes of filtering and transformation that occur in the soil), 2) taking reasonable steps to prevent the illegal disposal of wastes, 3) protecting footings and foundations, and 4) ensuring that each drainage feature is adequately maintained in perpetuity. However, in some circumstances, site conditions (e.g., historical soil contamination) and the type of development (i.e., urban infill) can limit the feasibility of retaining, infiltrating, and reusing stormwater at sites.
21. Redevelopment projects involve work on sites with existing impervious surfaces and other disturbances that contribute pollutants to receiving waters and potentially impact watershed processes such as infiltration. Though implementation of infiltration based LID measures may be constrained by these conditions, post-construction stormwater management applied to redevelopment projects still holds the potential to partially mitigate these existing impacts as well as the impacts associated with the new or expanded portions of the project.
22. Providing long-term operation and maintenance of structural flow/volume control and treatment BMPs is necessary so that the BMPs maintain their intended effectiveness at managing runoff flow/volume and removing pollutants. If BMPs are not properly maintained, new development and redevelopment will cause degradation of watershed processes.
23. When water quality impacts are considered during the planning stages of a project, new development and many redevelopment projects can more efficiently incorporate measures to protect water quality and beneficial uses. Planning decisions should account for potential stormwater impacts to reduce pollutant loading and manage flows in order to maintain and restore watershed processes as necessary to protect water quality and beneficial uses.
24. Infiltration and subsurface flow are the dominant hydrologic processes across all intact watersheds of the Central Coast region. Different physical landscapes, defined by their surface geology and slope, respond differently to the changes in watershed processes imposed by urbanization, but the shift from infiltration to surface flow is ubiquitous.
25. The Post-Construction Requirements’ emphasis on protecting and, where degraded, restoring key watershed processes is necessary to create and sustain linkages between hydrology, channel geomorphology, and biological health necessary for healthy watersheds. These linkages cannot be created by fine-tuning any particular flow attribute (e.g., peak, duration) or reconstructing a desired geomorphic feature alone. Instead, these critical linkages only occur where key watershed processes are intact.
26. Section 402 (p) of the Clean Water Act requires the Administrator of the United States Environmental Protection Agency (USEPA) or her designated agent, in this instance, the Central Coast Water Board, to require as part of the stormwater program “controls to reduce the discharge of pollutants to the maximum extent practicable, including management practices, control techniques and system, design and engineering methods, and such other provisions as the Administrator or the State determines appropriate for the control of such pollutants.” [USC Section 1342 (p)(3)(B)]. The maximum extent practicable (MEP) standard is an ever-evolving, flexible, and advancing concept, which considers technical and

economic feasibility. As knowledge about controlling urban runoff continues to evolve, so does that which constitutes MEP. Reducing the discharge of stormwater pollutants to the MEP in order to protect beneficial uses requires review and improvement, which includes seeking new opportunities, such as establishing these Post-Construction Requirements.

27. In cases of stormwater retention technical infeasibility, the dedication of an area equal to ten percent of a site's Effective Impervious Surface Area is practicable, because ten percent of a site is a typical municipal landscape requirement.

Establishing Post-Construction Requirements

28. This Resolution enacts Post-Construction Requirements which include the components for post-construction requirements based on a watershed-process approach that are identified in section E.12.k of the Phase II Municipal General Permit, Order No. 2013-0001 DWQ.
29. The Post-Construction Requirements enacted by this Resolution protect the beneficial uses of Waters of the United States. The intent of the Post-Construction Requirements enacted by this Resolution is to focus on those discharges that threaten beneficial uses, and to require implementation of BMPs to reduce stormwater pollutant discharges to the MEP and protect water quality and beneficial uses. The Post-Construction Requirements enacted by this Resolution are consistent with the evolving MEP standard.
30. The Post-Construction Requirements constitute a more specific local or tailored level of implementation that may be more protective of water quality than the minimum requirements of the Phase II Municipal General Permit.
31. This action to adopt this Resolution is exempt from the provisions of the California Environmental Quality Act (Public Resources Code §21100, et seq.) in accordance with section 13389 of the Porter-Cologne Water Quality Control Act (Porter-Cologne, Division 7 of the California Water Code).
32. The Post-Construction Requirements, developed by the Joint Effort, will become effective upon approval of this Resolution by the Central Coast Water Board.

Stakeholder Involvement

33. On August 27, 2009, September 3, 2009, and September 8, 2009, Central Coast Water Board staff held stakeholder workshops around the Central Coast region to provide an opportunity for stakeholders to help select project milestones for the two-year Joint Effort process. At the October 23, 2009, December 9, 2010, December 11, 2011, and March 15, 2012 Central Coast Water Board Meetings, staff provided updates on the Joint Effort to the public and Board Members. Central Coast Water Board staff established the Joint Effort Review Team (JERT), consisting of stakeholders representing the regulated governmental agencies, environmental management agencies, developers, and technical consultants, to provide review of Joint Effort project deliverables. The JERT met for the first time December 15, 2010, and held its seventh meeting March 28, 2012. On February 9 and October 31, 2011, Central Coast Water Board staff distributed to stakeholders Joint Effort updates and status reports. In December 2011 and January 2012, Central Coast Water Board staff conducted outreach to Joint Effort MS4s on the status of the Joint Effort. On February 15 and 16, 2012, Central Coast Water Board staff conducted workshops to provide updates on the Joint Effort.

34. Central Coast Water Board staff implemented a process to inform interested persons and the public and solicit comment on the Post-Construction Requirements developed through the Joint Effort. On June 5th and 6th, 2012, Central Coast Water Board staff conducted workshops on the Post-Construction Requirements. On May 14, 2012, staff issued a public notice indicating that the Central Coast Water Board would consider adoption of the Post-Construction Requirements. The public notice provided the public a 53-day public comment period preceding the Central Coast Water Board hearing. Central Coast Water Board staff responded to oral and written comments received from the public. All public comments were considered. Public notice of the public hearing was given by electronic mail on May 14, 2012. Relevant documents and notices were also made available on the Central Coast Water Board website.
35. On September 6, 2012, in San Luis Obispo California, the Central Coast Water Board held a public hearing and heard and considered all public comments and evidence in the record. The Central Coast Water Board adopted Resolution R3-2012-0025, approving the Post-Construction Requirements for the first time on that date.
36. Upon adoption of Resolution R3-2012-0025 on September 6, 2012, the Central Coast Water Board directed Central Coast Water Board staff to continue working with stakeholders to identify potential obstacles over the one-year period leading up to implementation. This Resolution R3-2013-0032 removes an obstacle identified during Central Coast Water Board staff implementation of that process: overly conservative stormwater retention facility sizing.
37. On February 1 and March 14, 2013, Central Coast Water Board staff provided updates to the Central Coast Water Board on the status of implementation of the Post-Construction Requirements and how the Post-Construction Requirements interact with the Phase II Municipal General Permit, Order No. 2013-0001 DWQ. On April 8, 2013, staff issued a public notice indicating that the Central Coast Water Board would consider re-adopting the Post-Construction Requirements. The public notice provided the public a 32-day public comment period preceding the Central Coast Water Board hearing. Central Coast Water Board staff responded to oral and written comments received from the public. All public comments were considered. Public notice of the public hearing was given by electronic mail to all stakeholders on April 8, 2013. The public notice and relevant documents were also made available on the Central Coast Water Board website.
38. On July 12, 2013, in Watsonville California, the Central Coast Water Board held a public hearing and heard and considered all public comments and evidence in the record.

THEREFORE, be it resolved that:

1. The Post-Construction Requirements, as defined in Attachment 1 are appropriate and effective requirements for small MS4s subject to the post-construction requirements of the current and subsequent Phase II Municipal General Permits to apply to development projects, in order to protect watershed processes so that beneficial uses of receiving waters affected by stormwater management are maintained and, where applicable, restored.
2. The Central Coast Water Board adopts the Post-Construction Requirements, as defined in Attachment 1, as the minimum post-construction criteria that Central Coast Traditional MS4s, the University of California at Santa Barbara and Santa Cruz, and any other

municipal discharger who chooses to implement these requirements, must apply to applicable new development and redevelopment projects in order to protect water quality and comply with the MEP standard and Phase II Municipal General Permit section E.12.k. Section E.12.k requires Traditional MS4s to comply with post-construction storm water management requirements based on a watershed-process approach developed by Regional Water Boards. For the Non-Traditional MS4s already undertaking implementation of the Post-Construction Requirements through implementation of BMPs in their SWMPs – the University of California at Santa Barbara and Santa Cruz – the Post-Construction Requirements constitute a more specific local or tailored level of implementation that may be more protective of water quality than the minimum requirements of the Phase II Municipal General Permit.

3. As minimum criteria, MS4s may establish criteria more stringent than the Post-Construction Requirements as defined in Attachment 1. The MS4 may determine the need for greater stringency based on specific factors and conditions affecting implementation of the Post-Construction Requirements. Greater stringency may be achieved by lower applicability thresholds where practical; additional site design and runoff reduction requirements; and more rigorous flow control (peak management) criteria than indicated in the Post-Construction Requirements as defined in Attachment 1.
4. The Central Coast Water Board Executive Officer may approve non-substantive changes to the Post-Construction Requirements that improve clarity without altering the intent of the requirements.
5. By March 6, 2014, the Central Coast Renewal Traditional MS4s, and applicable Non-Traditional MS4s, shall apply the Post-Construction Requirements to all regulated projects as defined in Attachment 1. Central Coast Traditional MS4s, and applicable Non-Traditional MS4s, shall continue to apply the Post-Construction Requirements to all regulated projects as defined in Attachment 1, pursuant to subsequent Phase II Municipal General Permits, unless the Central Coast Water Board Executive Officer requires otherwise.
6. By July 1, 2014, the Central Coast New Traditional MS4s (Cities of Greenfield, Gonzales, and Guadalupe) shall apply the Post-Construction Requirements to all regulated projects as defined in Attachment 1.
7. The Central Coast Water Board adopts the Post-Construction Requirements, as defined in Attachment 1, as the minimum post-construction criteria that the City of Salinas must apply to applicable new development and redevelopment projects in order to protect water quality and comply with the MEP standard and Order No. R3-2012-0005, NPDES Permit No. CA0049981, Waste Discharge Requirements for City of Salinas Municipal Stormwater Discharges.

I, Kenneth A. Harris Jr., Interim Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of the resolution adopted by the California Regional Water Quality Control Board, Central Coastal Region on July 12, 2013.

Kenneth A. Harris Jr.
Interim Executive Officer

ATTACHMENT 1: Post-Construction Stormwater Management Requirements for Development Projects in the Central Coast Region

ATTACHMENT 2: Technical Support Document for Post-Construction Stormwater Management Requirements for Development Projects in the Central Coast Region

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD CENTRAL COAST
REGION HISTORIC LAKE SPECIAL CIRCUMSTANCE LETTER
DATED MARCH 3, 2014**

Central Coast Regional Water Quality Control Board

March 3, 2014

BY ELECTRONIC MAIL

Steve Wagner
Department of Public Works
City of Goleta
130 Cremona Drive, Suite B
Goleta, CA 93117
Email: swagner@cityofgoleta.org

Dear Mr. Wagner:

SUBJECT: WATER BOARD EXECUTIVE OFFICER'S APPROVAL FOR CITY OF GOLETA TO DESIGNATE A HISTORIC LAKE SPECIAL CIRCUMSTANCE FOR THE PROPOSED MARRIOTT RESIDENCE INN PROJECT

The City of Goleta has requested Central Coast Water Board Executive Officer approval of a Historic Lake Special Circumstance under the Central Coast Post-Construction Stormwater Management Requirements (Resolution No. R3-2013-0032). The Historic Lake Special Circumstance designation results in alternative Performance Requirements under Resolution No. R3-2013-0032.

On the City's behalf, Robert Schmidt, P.E. of Penfield & Smith submitted documentation on February 6, 2014 describing historic lake conditions at the proposed Marriot Residence Inn Project site. Historic maps and aerial photography from as early as the 1920s indicate intermittent lacustrine conditions at the proposed project site. Penfield & Smith's documentation also included geotechnical information from 2007, prepared by geotechnical consultant Hushmand Associates Inc., indicating soil and subsurface ancient marsh deposits consistent with presence of a historic lake.

Central Coast Water Board staff finds the delineation of the historic lake and supporting technical information provided in the documentation substantiates the requested Special Circumstances designation. The Central Coast Water Board Executive Officer hereby approves the City's request for designation of a Historic Lake Special Circumstance for the proposed Marriot Residence Inn Project site.

With this approval, the City of Goleta may apply Post-Construction Requirements for Historic Lake Special Circumstances to regulated projects proposed on the subject parcel. The requirements, described in Performance Requirement No. 5 of Resolution No. R3-02013-0032, include the following:

- Water Quality Treatment (Performance Requirement No. 2).
- Detention: Detain runoff such that the post-project discharge rate does not exceed the pre-project rate for all runoff up to the 95th percentile 24-hr rainfall event, or a more protective rate consistent with the Permittee's own development requirements.

- Peak Management: Detain runoff such that the post-project peak discharge rate does not exceed the pre-project rate for the 95th percentile 24-hr rainfall event and the 2-through 10-yr storm events or a more protective rate consistent with the Permittee's own development requirements

Performance Requirement No. 1: Site Design and Runoff Reduction would also apply to any regulated project at this location creating or replacing 2,500 square feet of impervious surface. Both Performance Requirement No. 1 and No. 2 promote Low Impact Development (LID) strategies for managing site runoff. As such, Central Coast Water Board staff expects the City's implementation of the Post-Construction Requirements to promote LID to the extent possible given the physical constraints affecting development of the site. The proposed project's Stormwater Control Plan should document such efforts and should also include this letter as evidence of the Executive Officer's approval of the Historic Lake Special Circumstance.

If you have any questions regarding this letter, please communicate with your Central Coast Water Board stormwater staff contact, Jon Rohrbough at jrohrbough@waterboards.ca.gov or (805)542-4630, or Dominic Roques, at droques@waterboards.ca.gov or (805) 542-4780.

Sincerely,

Kenneth A. Harris Jr.
Executive Officer

cc:

Everett King
Robert Schmidt, P.E.

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