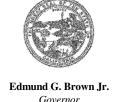


### California Regional Water Quality Control Board Central Coast Region

895 Aerovista Place, Suite 101, San Luis Obispo, California 93401-7906 (805) 549-3147 • FAX (805) 543-0397 http://www.waterboards.ca.gov/centralcoast



October 31, 2011

<<Name>>

<<Title>>

<< Affiliation>>

<< Email address>>

Dear <<name>>:

## SUBJECT: STATUS REPORT ON THE CENTRAL COAST JOINT EFFORT FOR HYDROMODIFICATION CONTROL AND LOW IMPACT DEVELOPMENT (LID)

I am pleased to provide the attached Status Report to all participants in the Joint Effort for Hydromodification Control and LID. The Status Report provides a helpful update on the Joint Effort, and presents the schedule for completing the project through a series of steps concluding with Central Coast municipalities adopting appropriate local requirements for hydromodification control and LID. I want to call your attention to an important change in how hydromodification criteria will be determined for municipalities, which should be cheaper to implement. Based on the progress of technical work and the availability of funds to continue it, I now anticipate that appropriate requirements can be identified for little or no cost to individual municipalities. I hope you will welcome this adjustment to the original Joint Effort scope and budget, as it comes at a time of continuing fiscal challenge for Central Coast municipalities.

The schedule includes actions by permitees, the Water Board, and consultants, and provides multiple opportunities for participation by municipal stormwater stakeholders. Water Board staff and the Joint Effort Review Team (comprised of permitees and stakeholders) continue to provide oversight of the technical work to develop a methodology for selecting requirements that address local watershed conditions for new and redevelopment. The Status Report describes the process for Water Board review and approval of final parcel-scale requirements for hydromodification control and LID.

The Status Report also describes continuing assistance to be provided by the Central Coast LID Initiative for both technical and administrative tasks municipalities must complete for successful implementation of hydromodification control and LID. And lastly, the Status Report offers our current understanding of the relationship of the Joint Effort to the State Water Resources Control Board's proposed renewal of the Phase II Municipal Stormwater General Permit.

Sincerely,

Roger W. Briggs Executive Officer

Enclosure

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# The Central Coast Joint Effort for Hydromodification Control and Low Impact Development

## Status Report

October 31, 2011



#### **Objectives of the Joint Effort**

Overall, the Central Coast Joint Effort for Hydromodification Control and LID seeks to protect watershed processes like surface runoff, groundwater recharge and sediment transport that are potentially impacted by how stormwater runoff is managed at development projects. The Joint Effort has a greater probability of being effective at achieving this goal by NOT doing the following:

- Taking post-construction stormwater requirements developed elsewhere and applying them uniformly in the Central Coast,
- Requiring municipalities to expend resources to develop hydromodification control criteria independently, or,
- Ending up with criteria for protecting and restoring watershed processes that are not necessarily sensitive to parcel-scale impacts or watershed conditions in a given location, or that only address one aspect of hydrologic alteration.

The Joint Effort includes both *technical* objectives and *administrative* activities. Two phases comprise the technical objectives for the project:

- Phase I: developing an appropriate methodology for selecting numeric criteria that ensure the protection of watershed processes, to the extent possible, at the parcel-scale, and
- Phase II: applying the methodology on a city-by-city, county-by-county basis, to establish numeric criteria in each jurisdiction.

Related administrative activities, like modifying codes and ordinances and training municipal employees to implement new requirements, are also part of the Joint Effort. These activities are happening in parallel with the technical objectives. Phase I is being completed by consultants – the Project Team – under the Water Board's direction. As Phase I has played out, it has become apparent that the work of the Project Team will go farther than simply producing a methodology, and will actually complete the application of most elements of that methodology. That is, the Project Team will identify the appropriate range of numeric criteria for given local conditions. This is a significant change relative to the original goal of the Project Team, and should significantly reduce costs to municipalities.

#### **Methodology Developed by Project Team**

The methodology developed by the Project Team relies on watershed analysis and mapping to identify watershed characteristics and processes. The analysis and mapping of Watershed Management Zones underpin the framework for determining hydromodification requirements and will lead to parcel-scale requirements, including numeric criteria and minimum controls. However, the methodology does not replace site scale analysis needed to properly design and size stormwater controls.

Water Board staff and the Project Team revised the steps to develop the methodology, specifically step 4, as follows:

- 1. Delineate Watershed Management Zones (WMZs)
- 2. Confirm relationship of receiving water condition to watershed processes and disturbance in order to form a scientific basis for parcel-scale management strategies
- 3. Identify parcel-scale management strategies for watershed processes
- 4. Evaluate the range of numeric criteria available for parcel-scale management strategies
- 5. Delineate impacted areas, i.e., areas where management objectives are shaped by opportunities and constraints posed by existing impacts to watershed processes
- 6. Assign proposed numeric criteria based on WMZ and degree of impact to watershed processes

The Project Team will be able to complete steps 1-4 within the existing contract and scope of work. The Water Board intends to use additional funds from the LID account to conduct the final two steps of the

methodology, including the assignment of *proposed* numeric criteria to city and county permit areas. At the conclusion of step 6, both technical phases of the Joint Effort to develop landscape-appropriate hydromodification requirements will be complete. This sequence of steps differs from the previous plan to have municipalities apply the methodology independently, and it averts the need for potentially significant expenditures by municipalities to complete Phase II. This approach meets municipalities' Stormwater Management Plan requirements to derive municipality-specific criteria using Water Board-approved methodology developed through the Joint Effort. It also reserves municipalities' resources, allowing them to focus on essential administrative aspects of successful implementation of the requirements.

At public meetings scheduled for spring and summer 2012, the Water Board will review the policy option presented in the proposed requirements identified through the Joint Effort methodology and determine if they meet the Maximum Extent Practicable (MEP) standard of the Phase II Municipal Stormwater General Permit. The Water Board will also consider policy alternatives allowing municipalities to develop Alternative Compliance options for projects that can demonstrate compliance with the proposed requirements is infeasible.

#### Documenting the Methodology Project

The Project Team prepares Technical Memoranda documenting the development of the methodology. To date, these include the following reports on the "Development and Implementation of Hydromodification Control Methodology:"

- Literature Review
- Review of Existing Data
- Watershed Characterization Part 1: Precipitation and Landscape
- Watershed Characterization Part 2: Watershed Management Zones and Receiving Water Conditions

The Project Team will complete two more tasks and provide the following reports:

- Linkage Analysis: Landscape Characterization, Receiving Water Conditions, Watershed Processes, and Human Disturbance
- Methodology
- Final Report

All Methodology Project deliverables are reviewed by the Joint Effort Review Team (see below) and are available on the Joint Effort webpage: <a href="http://www.waterboards.ca.gov/centralcoast/">http://www.waterboards.ca.gov/centralcoast/</a> (see 'Joint Effort' under 'Announcements'). The final three reports will be posted when available.

#### The Joint Effort Review Team (JERT)

Once the Joint Effort Methodology Project consultants were hired and their work was underway, Water Board staff convened a focused stakeholder group to provide review and feedback on major project deliverables. This group – the Joint Effort Review Team, or "JERT" – met for the first time December 15, 2010 and has met three times since, corresponding with the completion of draft Methodology Project deliverables. Meetings will continue until March 2012 to complete review of final project deliverables. Water Board staff anticipated the JERT would be discontinued after completion of the consultant's scope of work and any potential role for the JERT after that point will be considered at the final JERT meeting in March 2012.

The JERT's focus is the technical issues associated with various aspects of the Project Team's (consultants) work. It serves as a sounding board for the Project Team when they face specific decisions in their work to develop and start initial implementation of the methodology for deriving hydromodification controls. Project Team members Derek Booth, Chad Helmle and Darla Inglis participate in every meeting.

Participation by JERT members is based on each member's ability to offer insight and expertise on the issues of hydromodification in development projects reviewed and approved by municipal agencies. JERT members represent municipality, Central Coast Water Board, development, and environmental perspectives, and they are acknowledged as leaders among their peers. Water Board staff solicited nominations broadly from stakeholders throughout the region and considered geographic scope in selecting members. The JERT is comprised of the following individuals (members' bios are posted on the Joint Effort webpage):

- 1. Alyson Tom, County of Santa Cruz
- 2. Bridget Hoover, Monterey Bay Marine Sanctuary
- 3. Cathleen Garnand, County of Santa Barbara
- 4. Dan Cloak, Dan Cloak Consulting
- 5. Dennis Shallenberger, Earth Systems Pacific
- 6. Mark Grey, California Building Industry Association
- 7. Murry Wilson, County of San Luis Obispo
- 8. Robert Ketley, City of Watsonville
- 9. Steve Kahn, City of Santa Maria
- 10. Dominic Roques, Central Coast Water Board

#### **Joint Effort Schedule**

The Joint Effort was designed to be completed over a two-year period. The history of events leading up to the commencement of the Joint Effort in October 2010 is presented in Table 1. This table also includes key project milestones the Joint Effort has passed since its commencement. The Joint Effort is currently on schedule and Table 2 presents the steps for completing the project, beginning with this Status Report and concluding with municipalities implementing hydromodification controls in January 2013. Table 3 provides the calendar of key dates associated with the steps to completing the Joint Effort.

#### **Steps to Completing the Joint Effort**

Completing the Joint Effort includes actions to be taken over the next 15 months by municipalities, the Water Board, the JERT, and consultants, and includes substantial opportunities for public participation by municipal stormwater stakeholders throughout the region. While ambitious, the history of the project and the considerable accomplishments of participants to date suggest these actions can be completed in accordance with timelines codified in participants' Stormwater Management Plans. These steps also follow an approach that is expected to significantly lower the cost to municipalities, compared to what was originally anticipated, removing a critical financial and procedural hurdle for municipal stormwater managers. Several steps and project elements identified in Tables 2 and 3 are discussed in greater detail here.

#### Applicability Thresholds

Efforts to establish Applicability Thresholds – thresholds that determine which projects will be subject to hydromodification controls and LID – are progressing. First, Central Coast municipalities have devised tiered approaches to determine which projects are subject to Interim LID requirements. These tiered approaches will be in effect until final numeric criteria for hydromodification control and LID are adopted in the first Quarter of 2013. Second, the Central Coast LIDI is leading a small group of representatives from municipalities in the northern, central and southern parts of the Central Coast Region and Water Board staff to propose Applicability Thresholds that can be used in concert with the final numeric criteria developed through the Joint Effort. This focus group, which provides its members a leadership opportunity in developing regionally consistent and reasonable Applicability Thresholds and project exemptions, has

been meeting since 2010. The group will present its proposed framework to municipal stormwater stakeholders in March 2012.

#### Joint Effort BMP Compliance Evaluation

Water Board staff will evaluate permitees' compliance with Joint Effort BMPs to ensure permitees are on track and making progress toward adoption and implementation of new parcel-scale requirements for hydromodification control and LID implementation.

#### Municipalities Prepare for Implementing Requirements

The Joint Effort implementation strategy for hydromodification control and LID includes six BMPs built around Guidance, Education and Outreach, and Interim LID Implementation. Combined with BMPs for adopting Enforceable Mechanisms (code updates), Joint Effort participants are engaged in an active two-year period setting the stage for successful implementation of the requirements developed through the Methodology Project. Municipalities have made substantial progress over the first year, and the Central Coast LIDI has provided assistance in key areas for successful implementation, including:

#### Code Updates

• Gap Analysis and training on necessary revisions to municipal codes that inhibit or directly conflict with LID and hydromodification controls

#### LID Technical Guidance

- Steps for Successful LID Design guidance and training for municipalities on LID project design
- Central Coast Plant Guidance for Bioretention
- LID Parking Lot Guidance
- LID Project Demonstrations (e.g., 21<sup>st</sup> Street Complete Green Street)
- Project consultation and partnering, including assistance with grant writing

Resources and guidance associated with these areas of implementation are available on-line at the Central Coast LIDI website: <a href="http://www.centralcoastlidi.org/Central Coast LIDI/LID Technical Guidance.html">http://www.centralcoastlidi.org/Central Coast LIDI/LID Technical Guidance.html</a>
The Central Coast LIDI will continue to offer assistance to participants over the second year of the Joint Effort. Areas of focus will include: targeted assistance with code updates; continued guidance and training for bioretention design; guidance on Stormwater Control Plans and how municipalities can use them in the project review and approval process; policy alternatives for Alternative Compliance; and continued project consultation and partnering, including grant writing.

#### How the Joint Effort Relates to the next Phase II Permit

The State Water Resources Control Board is in the process of renewing the General Permit for Phase II Municipal Separate Storm Sewer System (MS4) Discharges. Many Joint Effort participants have sought clarification on how the next Phase II Permit will interface with the current permit requirements for Central Coast MS4s participating in the Joint Effort. It is understandable that perfect alignment between these regulatory strategies is challenging because the Joint Effort has established time lines that the next Phase II Permit cannot automatically embed in its post-construction requirements. The State Board received public comment on the Draft Phase II Permit, including many from Central Coast municipalities and stormwater stakeholders, and is in the process of responding to the issues raised in those comments. While it is premature to explain in precise regulatory language how the Joint Effort relates to the Phase II Permit provisions for hydromodification control, Central Coast Water Board staff is working closely with State Board staff to ensure that implementation of hydromodification requirements developed from the Joint Effort will provide a path to compliance with the Phase II Permit for Central Coast municipalities.

Table 1: Key Milestones and History of the Central Coast Joint Effort for Hydromodification Control and LID

| Water Board enrolled Central Coast MS4s under General Permit for Phase II Municipal Stormwater Discharges, which included hydromodification requirements to:  • Maximize infiltration of clean stormwater, and minimize runoff volume and rate • Protect riparian areas, wetlands, and their buffer zones • Minimize pollutant loading; and • Provide long-term watershed protection  Water Board received letter from the Central Coast Low Impact Development Initiative (LIDI) recommending a two-year, collaborative effort for the development of hydromodification control criteria  Water Board concurred with LIDI recommendation and committed to developing a framework and securing funding for a Joint Effort  Water Board notified municipalities of option to pursue Joint Effort for developing hydromodification control. Letter included: • Process for developing the Joint Effort • Process for developing the Joint Effort (then, August 2009 – November 2011)  Water Board conducted stakeholder workshops ("charettes") to provide information on the Joint Effort and to develop recommendations for Project Milestones to ensure the effort's success  Water Board conducted stakeholder workshops ("charettes") to provide information on the Joint Effort and to develop encommendations for Project Milestones to ensure the effort's success  Water Board conducted stakeholder workshops ("charettes") to provide information on the Joint Effort and to develop recommendations for Project Milestones to ensure the effort's success  Water Board conducted stakeholder workshops ("charettes") to provide information on the Joint Effort and to develop recommendations for Project Milestones  October 20, 2009  October 20, 2009  Water Board Meeting, Executive Officer's Report: Joint Effort Update  February – August  Water Board staff appeared before local government decision-makers to urge participation in Joint Effort September 2, 2010  Water Board hired contractors for Joint Effort Methodology Project  September 2, 2010  Water Board Meeting, Executive Officer's Succ | •  | •   |  |  |  |  |  |  |  |  |
|--|--|---|--|--|--|--|--|--|--|--|
| collaborative effort for the development of hydromodification control criteria  Water Board concurred with LIDI recommendation and committed to developing a framework and securing funding for a Joint Effort  Water Board notified municipalities of option to pursue Joint Effort for developing hydromodification control. Letter included:  Process for developing the Joint Effort  S600,000 authorized from State Clean-up and Abatement Account  Tentative schedule for Joint Effort (then, August 2009 – November 2011)  August – September  2009  October 20, 2009  October 20, 2009  October 20, 2009  October 20, 2009  October 23, 2009  Water Board motified municipalities of opportunity to participate in the Joint Effort, including:  Terms of participation  Steps and schedule for amending SWMPs  New BMPs for SWMPs developed from Project Milestones  October 23, 2009  Water Board Meeting, Executive Officer's Report: Joint Effort Update  Fall 2009  January, 2010  Water Board staff began assisting municipalities with SWMP amendments to pursue the Joint Effort  Water Board staff began assisting municipalities with SWMP amendments to pursue the Joint Effort  September 2, 2010  Water Board hired contractors for Joint Effort Methodology Project  September 28, 2010  Water Board hotified municipalities regarding commencement of the Joint Effort  October 1, 2010  Water Board Meeting, Agenda Item: LIDI Annual Report, including Joint Effort Update  December 9, 2010  Water Board Meeting, Agenda Item: LIDI Annual Report, including Joint Effort Update  December 15, 2010  Joint Effort Review Team 1 <sup>th</sup> Meeting  January 19, 2011  Water Board distributed to stormwater stakeholders "Joint Effort and LID Update" by Lyris email  March 30, 2011  Joint Effort Review Team 2 <sup>th</sup> Meeting  Joint Effort Review Team 2 <sup>th</sup> Meeting  Joint Effort Review Team 2 <sup>th</sup> Meeting   | 2008 – 2009  | <ul> <li>hydromodification requirements to:</li> <li>Maximize infiltration of clean stormwater, and minimize runoff volume and rate</li> <li>Protect riparian areas, wetlands, and their buffer zones</li> <li>Minimize pollutant loading; and</li> </ul> |  |  |  |  |  |  |  |  |
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| Process for developing the Joint Effort         \$600,000 authorized from State Clean-up and Abatement Account   | June 19, 2009  | · ·   |  |  |  |  |  |  |  |  |
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| <u> </u>   | February 9, 2011   |   |  |  |  |  |  |  |  |  |
| September 1, 2011   Joint Effort Review Team 4 <sup>th</sup> Meeting   | March 30, 2011   | •   |  |  |  |  |  |  |  |  |
|  | September 1, 2011  | Joint Effort Review Team 4 <sup>th</sup> Meeting  |  |  |  |  |  |  |  |  |

Table 2: Steps to Completing the Central Coast Joint Effort for Hydromodification Control and LID

| Key Milestones <sup>1</sup>                             | Objective/Desired Outcome  |
|---|--|
| 1. Water Board mails Joint Effort Status Report to      | Provide Joint Effort Participants with:  |
| Permitees, October 31, 2011                             | Update and status of Joint Effort  |
|   | Schedule for remaining actions   |
|   | Reductions to original estimates of cost to Permitees                                      |
|   | Relationship to Phase II General Permit renewal  |
| 2. Joint Effort Review Team (JERT) Meeting              | Discuss Methodology Project Task 4 – Linkage Analysis                                      |
|   | Discuss Oct. 31 Status Report and any follow-up role for JERT members                      |
| 3. Water Board Outreach to Permitees following up on    | Repeat and expand on themes of Status Report   |
| October 31 Status Report                                | Identify obstacles/challenges for stakeholders   |
| 4. Executive Officer's Report for December 1, 2011      | Maintain Board member awareness and understanding of Joint Effort                          |
| Water Board Meeting                                     | • Inform Board of status of Joint Effort, upcoming stakeholder workshops, and future Joint |
|   | Effort Board meeting agenda items;   |
| 5. Joint Effort Review Team Meeting                     | Review Methodology Project Task 5 – Methodology  |
|   | Discuss Stakeholder Workshop objectives and structure                                      |
| 6. Water Board holds 2 (north & south) Workshops        | Project Team describes development of methodology  |
| with stakeholders on Joint Effort Status and            | WB Staff presents final steps to adopting and implementing requirements for                |
| Schedule  | hydromodification control and LID  |
| 7. Selection of Numeric Criteria: Proposed              | Identify proposed numeric criteria using the Final Report from the Methodology Project,    |
|   | along with results of an analysis of existing impacts to watershed processes               |
| 8. Selection of Applicability Thresholds (AT): Proposed | Identify proposed AT based on: recommendations of LIDI's AT focus group; participants'     |
|   | experiences with AT for Interim LID; and input from stakeholder workshops                  |
| 9. Joint Effort Review Team Meeting                     | Discuss proposed Numeric Criteria and Applicability Thresholds                             |
|   | Discuss potential continuing role for JERT   |
| 10. Water Board Meeting, March 15, 2012                 | Increase Board's awareness and understanding of Joint Effort                               |
|   | Describe process for pending decisions on Numeric Criteria and Applicability Thresholds    |
| 11. Water Board holds 2 (north & south) Workshops on    | Water Board staff receives input from stakeholders on proposed Numeric Criteria and        |
| Proposed Numeric Criteria and AT                        | Applicability Thresholds   |
| 12. Joint Effort BMP Compliance Evaluation              | Ensure participants are making progress toward adoption and implementation                 |
| 13. Selection of Numeric Criteria:                      | Following April Stakeholder Workshops, Water Board staff recommends final requirements     |
| Final Recommended                                       | for hydromodification control and LID for approval by Water Board                          |
| 14. Selection of AT: Final Recommended                  | Following April Stakeholder Workshops, Water Board staff recommends final AT for           |
|   | approval by Water Board  |

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<sup>&</sup>lt;sup>1</sup> Numbers correspond to Table 3: Central Coast Joint Effort - Schedule for Development and Implementation of Hydromodification Control Criteria and LID

| Key Milestones <sup>1</sup>                           | Objective/Desired Outcome   |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|
| 15. Water Board Meeting, July 12, 2012                | Water Board approves final requirements for Hydromodification Control and LID and |  |  |  |  |  |  |
|   | framework for Alternative Compliance  |  |  |  |  |  |  |
| 16. Permitees undertake adoption of local regulations | Adoption of local regulations for Hydromodification Control and LID               |  |  |  |  |  |  |
| 17. Permitees implement local regulations             | Permitees commence implementation of local regulations                            |  |  |  |  |  |  |

Table 3: Central Coast Joint Effort - Schedule for the Development and Implementation of Hydromodification Control Criteria and LID

|  | Q5       |                     |         | Q6       |  |        | Q7     |        |        |        | Q8     |        | Q9     |        |        |        |
|--|----------|---------------------|---------|----------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  | Oct-11   | Nov-11              | Dec-11  | Jan-12   | Feb-12   | Mar-12 | Apr-12 | May-12 | Jun-12 | Jul-12 | Aug-12 | Sep-12 | Oct-12 | Nov-12 | Dec-12 | Jan-13 |
| Water Board issues Joint Effort Status Report                              |          |                     |         |          |  |        |        |        |        |        |        |        |        |        |        |        |
| Joint Effort Review Team (JERT) Meeting                                    |          | 2                   |         |          |  |        |        |        |        |        |        |        |        |        |        |        |
| Water Board Outreach to Munis  |          | (ii)                | 3       |          |  |        |        |        |        |        |        |        |        |        |        |        |
| Water Board Mtg: Exec. Officer's Update on Joint                           | Effort   |                     | 4       |          |  |        |        |        |        |        |        |        |        |        |        |        |
| JERT Meeting   |          |                     |         | 5        |  |        |        |        |        |        |        |        |        |        |        |        |
| Water Board led Workshops (2): Project Status an                           |          | ıle                 |         |          | 6  |        |        |        |        |        |        |        |        |        |        |        |
| Numeric Criteria Development (Conducted by Me                              | thodolog | y Project           | Team pe | r Contra | ct Tasks)                                      |        |        |        |        |        |        |        |        |        |        |        |
| Task 4: Linkage Analysis   |          |                     |         |          |  |        |        |        |        |        |        |        |        |        |        |        |
| Task 5: Methodology  |          |                     |         |          |  |        |        |        |        |        |        |        |        |        |        |        |
| Identification of Current Watershed/Receiving                              | ng Water | Status <sup>1</sup> |         |          |  |        |        |        |        |        |        |        |        |        |        |        |
| Final Report   |          |                     |         |          |  |        |        |        |        |        |        |        |        |        |        |        |
| Selection of Numeric Criteria - Proposed                                   |          |                     |         |          |  | 7      |        |        |        |        |        |        |        |        |        |        |
| Selection of Applicability Thresholds - Proposed <sup>2</sup>              |          |                     |         |          |  | 8      |        |        |        |        |        |        |        |        |        |        |
| JERT Meeting   |          |                     |         |          |  | 9      |        |        |        |        |        |        |        |        |        |        |
| Water Board Meeting  |          |                     |         |          |  | 10     |        |        |        |        |        |        |        |        |        |        |
| Water Boad led Workshops (2): Proposed Numeric Criteria & Applicability Th |          |                     |         | resholds | ;  |        | 1      | 11     |        |        |        |        |        |        |        |        |
| Water Board Conducts JE BMP Compliance Evaluation                          |          |                     |         |          |  |        | 1      | 12     |        |        |        |        |        |        |        |        |
| Selection of Numeric Criteria - Final Recommended                          |          |                     |         |          |  |        |        |        | 13     |        |        |        |        |        |        |        |
| Selection of Applicability Thresholds - Final Recommended                  |          |                     |         |          |  |        |        |        | 14     |        |        |        |        |        |        |        |
| Water Board Meeting  |          |                     |         |          |  |        |        |        |        | 15     |        |        |        |        |        |        |
| Muni prepares for implementing requirements                                |          |                     |         | Technic  | Technical Assistance from LIDI on Code Updates |        |        |        |        |        |        |        |        |        |        |        |
| Anticipated Local Regulatory Adoption Process                              |          |                     |         |          |  |        |        |        |        |        |        | 16     |        |        |        |        |
| Munis Implement Hydromodification Control Req                              | uirement | :s                  |         |          |  |        |        |        |        |        |        |        |        |        |        | 17     |

<sup>&</sup>lt;sup>1</sup> Methodology for this step and beta test to be part of Task 5; subsequent application of methodology at regional scale to be conducted by contractors to Water Board.

<sup>&</sup>lt;sup>2</sup> Proposed Applicability Thresholds, including exemptions, based on existing efforts and proposal from focus group of Muni Representatives and Water Board staff.