



San Diego MS4 Permit: Order No. 2001-01

- **Hydromodification requirement:**
incorporated into Standard Urban Storm
water Mitigation Plan
 - Prevent increased downstream erosion and protect downstream habitat
 - Project self-evaluation/certification
- **However, no standard with which to evaluate projects**



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- **Identify range of flows for which post-project runoff flow rates/durations shall not exceed pre-project flow rates/durations**
- **Require Priority Projects to implement control measures**
- **Include criteria on selection and design of control measures**
- **Exceptions from hydromod requirements: concrete channels**

Timeline

- **Interim Criteria for projects disturbing > 50 acres implemented March 2008**
- **Final Hydromodification Management Plan due January 2009**

Hydromod: Where are we going?

- **Conceptual**
- **Use of Maximum Effective Impervious Area**
 - i.e., only 5% of project footprint can be impervious, other areas must drain to pervious surface
- **Incorporation of Erosion Potential**
 - Maintain E_p value of 1

Hydromod: Where are we going?

- **Use of offsite controls**
- **Stream restoration**
- **Removal of exception for concrete channels**
- **Link hydromod assessment to Index of Biotic Integrity**



