

STOCKTON SWQCCP REVISIONS

Draft Outline 01/09/09

1.0 INTRODUCTION

- 1.1 Purpose
- 1.2 Goals
- 1.3 Background
- 1.4 New Permit Requirements
- 1.5 Low Impact Development Strategies
- 1.6 Updates to the SWQCCP: Key Concepts
- 1.7 Organization of the SWQCCP

2.0 STORMWATER MANAGEMENT STANDARDS FOR NEW DEVELOPMENT AND SIGNIFICANT REDEVELOPMENT

- 2.1 Process to Comply with City and County Standards
 - Step 1: Determine if Project is Subject to SWQCCP
 - Step 2: Collect Site Information
 - Step 3: Apply Site Design Controls
 - Step 4: Apply Source Controls
 - Step 5a: Apply Volume Reduction Measures
 - Step 5b: Reduce Impervious Cover by 10% – Significant Redevelopment
 - Step 6: Apply LID Treatment Controls
 - Step 7: Select Additional Treatment Controls as Needed to Meet Treatment Requirement
 - Step 8: Submit Project Stormwater Quality Control Plan and Maintenance Plan

3.0 SITE DESIGN CONTROLS

- 3.1 Introduction
- 3.2 Description
 - Fact Sheets:
 - G-1: Conserve Natural Areas
 - G-2: Protect Slopes and Channels
 - G-3: Minimize Soil Compaction
 - G-4: Minimize Impervious Area

4.0 SOURCE CONTROLS

- 4.1 Introduction
- 4.2 Description
 - Fact Sheets:
 - S-1: Storm Drain Message and Signage

- S-2: Outdoor Material Storage Area Design
- S-3: Outdoor Trash Storage Area Design
- S-4: Outdoor Loading/Unloading Dock Area Design
- S-5: Outdoor Repair/Maintenance Bay Design
- S-6: Outdoor Vehicle Equipment/Accessory Wash Area Design
- S-7: Fuel Area and Maintenance Design
- S-8: Proof of Control Measure Maintenance

5.0 VOLUME REDUCTION CONTROLS

- 5.1 Introduction
- 5.2 Volume Reduction Requirement
 - Alternative Compliance Option
- 5.3: Selection of Volume Reduction Measures
- Fact Sheets:
 - V-1: Rain Garden
 - V-2: Rain Barrel/Cistern
 - V-3: Vegetated Roof
 - V-4: Interception Trees
 - V-5: Grassy Channel
 - V-6: Vegetated Buffer Strip

6.0 TREATMENT CONTROLS

- 6.1 Introduction
- 6.2 Selection of Treatment Controls
 - Volume Reduction Requirement
- 6.3 Maintenance and Monitoring Requirements for Treatment Controls
 - Certification of Responsibility
 - Maintenance Plan
 - Maintenance Entities and Agreements
 - Monitoring
- 6.4 Description of Treatment Controls
- Fact Sheets
 - T-0: Calculation of SQDF & SQDV
 - L-1: Bioretention
 - L-2: Stormwater Planter
 - L-3: Tree Well Filter
 - L-4: Infiltration Basin (previously T-9)
 - L-5: Infiltration Trench (previously T-10)
 - L-6: Porous Pavement Filter (previously T-7)
 - L-7: Vegetated (Dry) Swale (previously T-2)

- L-8: Grassy Swale
- L-9: Grassy Filter Strip (previously T-1)
- C-1: Constructed Wetland (previously T-5)
- C-2: Extended Detention Basin (previously T-3)
- C-3: Wet Pond (previously T-4)
- C-4: Proprietary Treatment Controls (previously T-13)

7.0 CONTROL MEASURE MAINTENANCE

- 7.1 Maintenance Plan
- 7.2 Maintenance Agreement

APPENDICES

- Appendix A: Glossary of Terms and List of Acronyms
- Appendix B: Volume Reduction Requirement Summary Worksheet
- Appendix C: Volume Reduction Waiver Application
- Appendix D: Maintenance Agreement and Forms
- Appendix E: Submittal Guidance
- Appendix F: HSG info
- Appendix G: Plants Suitable for Vegetative Control Measures
- Appendix H: Standard Calculations for Diversion Structure Design
- Appendix I: Approved Proprietary Control Measures
- Appendix J: References