

Stormwater Control Plan Guidance Manual



City of Fremont

Environmental Services

www.fremont.gov/stormwater

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CHAPTER 1: TYPICAL STORMWATER CONTROL PLAN SUBMITTAL AND REVIEW PROCESS

The SCP submittal and review process consists of 2 phases: **Preliminary SCP** and **Final SCP**. Figures 1.1 and 1.2 illustrate both stages, respectively.

Phase I: Preliminary SCP Submittal and Review Process

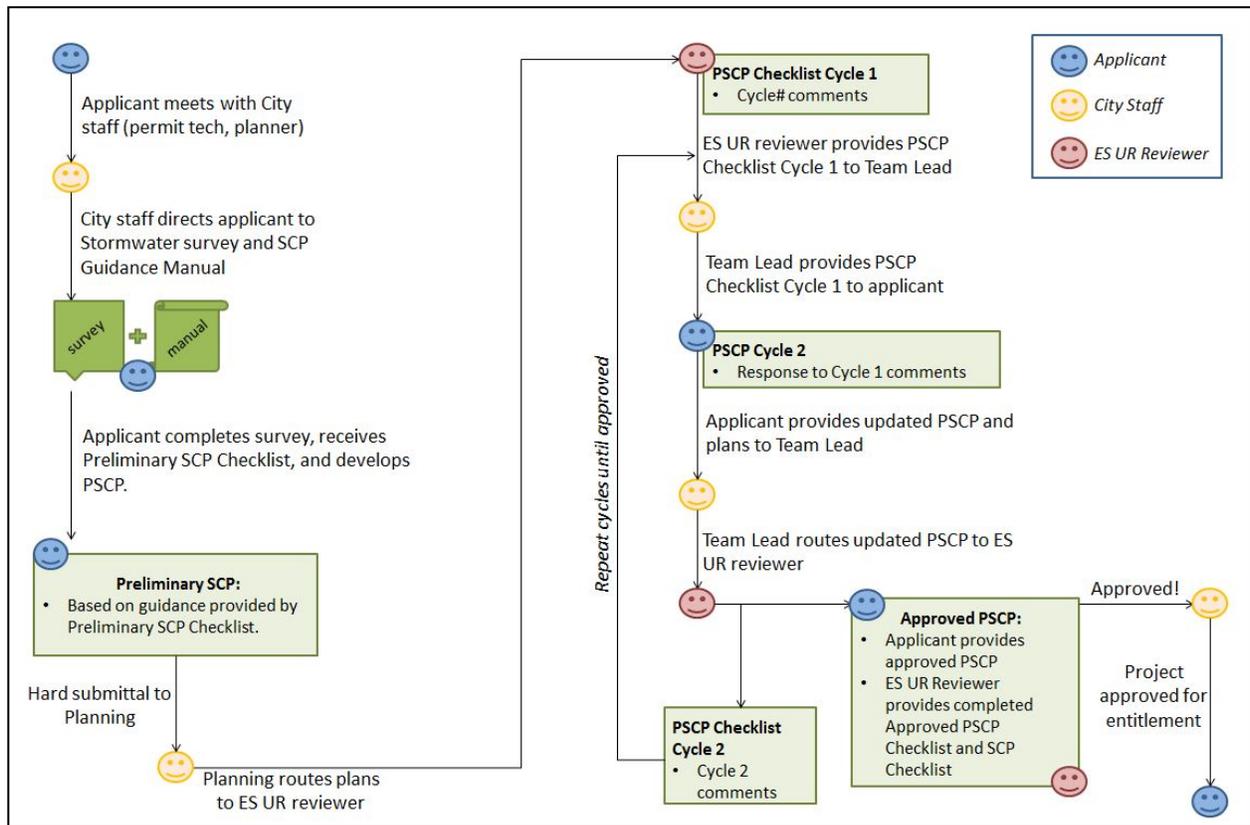


Figure 1.1 Preliminary SCP Submittal and Review Process

The Preliminary SCP submittal and review process begins with determining what stormwater requirements apply to a project. To do so, applicants must complete the Stormwater Control Plan Survey and review the SCP Guidance Manual. See CHAPTER 2: STORMWATER CONTROL PLAN SURVEY AND SCP CHECKLISTS for further instructions.

Next, the applicant develops a Preliminary SCP (PSCP) according to the PSCP Checklist provided by the survey results. See CHAPTER 3: PRELIMINARY SCP COMPONENTS FOR ENTITLEMENT for further instructions. Applicants are encouraged to schedule a meeting early in the project planning phases to minimize design issues throughout the review process. The assigned Environmental Services Urban Runoff (ES UR) Reviewer will provide technical design guidance to facilitate compliance with Provision C.3 of the San Francisco Bay Region Municipal Regional Stormwater NPDES Permit. During the review process, the PSCP Checklist is circulated back and forth between the applicant and the ES UR Reviewer

components are acceptable and which require revision. Some SCPs may require several rounds of review to ensure that all components are adequately completed. The SCP must be approved by the ES UR Reviewer prior to issuance of any building or engineering permits.

Once the SCP is determined to be acceptable for permit issuance, the ES UR Reviewer will request submittal of the Final SCP. The Final SCP Checklist will be signed off, returned to the applicant, and maintained with project permit records. This completes the City of Fremont's typical Stormwater Control Plan Submittal and Review Process.

Additional Notes Regarding the SCP Submittal and Review Process

Digital Submittal Requirements

At this time, only the Final SCP is required for submittal in electronic format prior to permit issuance. The City will soon require digital submittal for all SCP components. The method of acceptable digital submittal is currently in development. Applicants are encouraged to identify and implement effective ways for digitizing all submittals in preparation for pending requirements.

GIS Data Submittal Requirements

Applicants will soon be required to provide Stormwater Management Plan (SMP) components as GIS-ready data. See Part I: SCP Components in Plan Set for more on SMPs. The exact specifications are currently being developed. Initial projections of acceptable GIS-ready data include shapefiles (.shp), geodatabases (.gdb), and AutoCad drawings (.dwg). Applicants are encouraged to identify and implement effective ways for creating and sharing SMP components as GIS-ready data types.

Stormwater Construction Process

The Final SCP approved for permit issuance is used by City inspectors during project construction as a tool for determining project acceptance and permit final. A formal description of the Stormwater Construction Process including timelines, submittal items, and inspection requirements will be provided in a future rendition of this Guidance Manual.

CHAPTER 2: STORMWATER CONTROL PLAN SURVEY AND SCP CHECKLISTS

Completing the Stormwater Control Plan Survey

To determine which stormwater requirements apply to your project, applicants should complete the 2-question online Stormwater Control Plan Survey at: www.fremont.gov/stormwater. Based on the survey answers entered, applicants will receive a specified (P)SCP Checklist which details components of the (P)SCP required for submittal.

The screenshot shows a web form titled "Project Phasing*" with a dropdown menu currently set to "Entitlement (Planning approval)". Below this is another question: "How much site work is being done for the proposed project?" with a dropdown menu set to "-- Select One --". A text instruction below the second dropdown reads: "Fill in the total amount of impervious surfaces being replaced/added for the project."

Figure 2.1 Stormwater Control Plan Survey webpage

Using the SCP Checklists

All (P)SCP Checklists are generally specified to the project type and are comprised of 2 sections: **Stormwater Control Plan Components in Plan Set** and **Stormwater Control Plan Additional Documents**. Across both sections, an X is placed on the left indicating whether that components is required, may be required if applicable, and is not required for inclusion in the (P)SCP submittal. The columns to the right of each component are reserved for City use.

Preliminary Stormwater Control Plan Checklist					
Entitlement 2					
This project is:					
<input checked="" type="checkbox"/>	subject to C.3 LID requirements				
<input type="checkbox"/>	may be subject to C.3 LID requirements				
<input type="checkbox"/>	NOT subject to C.3 LID requirements				
Stormwater Control Plan Components in Plan Set					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		
X			Stormwater Management Plan	<input type="checkbox"/>	<input type="checkbox"/>
X			Civil Plan Sheets	<input type="checkbox"/>	<input type="checkbox"/>
X			Landscape Plan Sheets	<input type="checkbox"/>	<input type="checkbox"/>
		X	Clean Bay Blueprint	<input type="checkbox"/>	<input type="checkbox"/>
		X	WDID Number	<input type="checkbox"/>	<input type="checkbox"/>
Stormwater Control Plan Additional Documents					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		

Figure 2.2 Sample PSCP Checklist

Applicants are provided the (P)SCP Checklist to ensure that (P)SCP submittals are complete. For further guidance on developing (P)SCP components, refer to CHAPTER 3: PRELIMINARY SCP COMPONENTS FOR ENTITLEMENT and CHAPTER 4: SCP COMPONENTS FOR CONSTRUCTION.

During the review process, the (P)SCP Checklist is circulated back and forth between the applicant and the ES UR Reviewer indicating which components are acceptable and which require revision. Some (P)SCPs may require several rounds of review to ensure that all components are adequately completed. ES UR Review staff may be contacted for questions at any point in the review process.

Once the (P)SCP is determined complete and ready for entitlement or permit issuance, an Approved PSCP Checklist or Final SCP Checklist, respectively, is signed off by the ES UR Reviewer and provided to the applicant for their records. In addition to a completed PSCP Checklist, the ES UR Reviewer will provide the applicant with the Construction SCP Checklist in preparation for the Final SCP submittal and review process beyond project entitlement. Unlike all other (P)SCP Checklists, the Final SCP Checklist requires that the applicant sign and date an acknowledgement statement at the bottom of the checklist.

I acknowledge that all marked components listed in the above Final Stormwater Control Plan Checklist were submitted to the City of Fremont Environmental Services Division for review and approval.	
_____	_____
Design Engineer Signature	Date
_____	_____
Env Svc UR Reviewer Signature	Date

Figure 2.3 Final SCP Acknowledgement and Signature

CHAPTER 3: PRELIMINARY SCP COMPONENTS FOR ENTITLEMENT

Part I: SCP Components in Entitlement Plan Set

The following are components required in the entitlement plan set either as separate plan sheets or as a component in a plan sheet.

Stormwater Management Plan

A Stormwater Management Plan (SMP) is required at both phases of the SCP Submittal and Review Process. Applicants must utilize the City of Fremont SMP Template available for download in .pdf and .dwg at: www.fremont.gov/stormwater. Only PDF versions, not .dwg files, of the SMP are accepted at this time.

The SMP consists of 4 sheets:

- SMP Site Plan
- SMP Calculation Tables
- SMP Details
- SMP Notes

The **SMP Site Plan** sheet contains all components required to visually convey the project's SMP. Stormwater Management Measures (SMMs) are shown for inclusion as applicable. Specifically, the .dwg file allows the use of symbols consistent with City of Fremont standard SMPs. The SMP Site Plan layout should be coordinated with civil, architectural, and landscape plan sheets to ensure consistent design.

The **SMP Calculation Tables** plan sheet provides five separate tables. Tables 1 and 2 are required for all SMPs. Tables 3, 4, and 5 can be included as applicable to the project design.

The **SMP Details** plan sheet provides design details for each SMM proposed in the SMP. Additional details may be required by the ES UR Reviewer during the review process. For design guidance, applicants should refer to the Alameda County Clean Water Program C.3 Technical Guidance Manual available for download at www.fremont.gov/stormwater.

The **SMP Notes** plan sheet provides the City of Fremont standard SMP notes which can be tailored to address the project's specific design and scope of work. Additional notes may be prescribed by the ES UR Reviewer during the review process.

Civil and Landscape Plan Sheets

The SCP requires that civil and landscape sheets are included in the plan set and coordinated with the SMP to avoid conflicts and verify completeness. Typically, the required sheets include grading, utility, and planting plan sheets. The level of detail may vary between both phases of the SCP Submittal and Review Process and will be determined by the ES UR Reviewer. Additional civil and landscape sheets may be requested by the ES UR Reviewer as necessary to complete the SCP.

Clean Bay Blueprint and WDID Number

The Clean Bay Blueprint and WDID Number (if applicable) are required components for phase 2 of the SCP Submittal and Review Process only. See CHAPTER 4: SCP COMPONENTS FOR CONSTRUCTION for more information.

Part II: SCP Additional Entitlement Documents

The following are components required as a combined attachment separate from the plans.

Stormwater Control Plan Checklist

The PSCP Checklist received upon completing the Stormwater Control Plan Survey must be completed and included with the PSCP. See CHAPTER 2: STORMWATER CONTROL PLAN SURVEY AND SCP CHECKLISTS for more details.

Stormwater Requirements Checklist

Applicants must complete a Stormwater Requirements Checklist available for download at: www.fremont.gov/stormwater. Parts One through Seven must be fully completed for all projects. Parts Nine through Ten are only required if the project is subject to C.3 LID requirements which is determined in Parts One through Three as well as by the completed Stormwater Control Plan Survey and the produced PSCP Checklist. Applicants must sign and date the Stormwater Requirements Checklist on line 7 of Part One. An updated Stormwater Requirements Checklists will be required with the Approved PSCP to match any design changes made during the review process.

Sizing Worksheets

C.3 LID must be sized at 4% minimum prior to LID entitlement. Thus sizing worksheets are not required at this phase. See CHAPTER 4: SCP COMPONENTS FOR CONSTRUCTION for more information.

Special Projects Worksheet and Narrative

Any project eligible for Special Projects credit according to Provision C.3.e of the MRP must complete and submit a Special Projects Worksheet and Narrative for review and approval prior to entitlement of any such credit towards the project. All sections of the Special Projects Worksheet and Narrative must be completed to be considered adequate for review. Updated worksheets and narratives may be required as the project design evolves. The Special Projects Worksheet and Narrative may be downloaded at: www.fremont.gov/stormwater.

Geotechnical Report

A geotechnical report is required for all projects subject to C.3 LID requirements and should include data addressing the following concerns:

- Depth to groundwater (site-boring and historical analysis)
- Native soil infiltration rate including soil types and Ksat values taken at the projected LID sites
- Geotechnical hazards of concern such as steep slopes, potential for landslides and liquefaction, and proximity to building foundations
- The potential for pollutant mobilization based on analysis of historical land use
- Conflicts with existing utilities, underground storage tanks, groundwater production wells, and other agency policies

Hydromodification Management (HM) Calculations

For projects subject to HM requirements as determined in Part Nine of the Stormwater Requirements Checklist, applicants must complete and provide the BAHM calculations obtained using the computer software application available at: www.fremont.gov/stormwater. Details for the flow duration controls and associated site design measures selected to address HM must be shown in the SMP. See Stormwater Management Plan for more guidance on inclusion of HM in the SMP.

Other Submittal Documents

The following SCP Additional Documents are only required for phase 2 (construction) of the SCP Submittal and Review Process:

- Stormwater Management Measures Operations and Maintenance Agreement
- Operations and Maintenance Manual
- HOA and/or POA CC&R's with Stormwater Management Measure Articles
- Environmental Services Acknowledgement Form

See CHAPTER 4: SCP COMPONENTS FOR CONSTRUCTION for more information.

CHAPTER 4: SCP COMPONENTS FOR CONSTRUCTION

Part I: SCP Components in Construction Plan Set

The following are components required in the construction plan set either as separate plan sheets or as a component in a plan sheet.

Stormwater Management Plan

Applicants must provide an updated Stormwater Management Plan (SMP) for review. Only PDF versions, not .dwg files, of the SMP are accepted at this time. The SMP consists of the following 4 sheets:

- SMP Site Plan
- SMP Calculation Tables
- SMP Details
- SMP Notes

The **SMP Site Plan** sheet contains all components required to visually convey the project's SMP and should initially be consistent with the entitled SMP. The SMP Site Plan layout must be coordinated with civil, architectural, and landscape plan sheets throughout the review process.

The **SMP Calculation Tables** plan sheet must be updated to incorporate site-specific conditions. Calculations must be consistent with all other components of the SCP and additional documentation may be required during the review process. Tables 1 and 2 are required for all SMPs. Tables 3, 4, and 5 can be included as applicable to the project design.

The **SMP Details** plan sheet must be updated to incorporate site-specific conditions. Additional details may be required during the review process. For design guidance, applicants should refer to the Alameda County Clean Water Program C.3 Technical Guidance Manual available for download at <http://fremont.gov/stormwater>.

The **SMP Notes** plan sheet provides the City of Fremont standard SMP notes which can be tailored to address the project's specific design and scope of work. Additional notes may be prescribed during the review process.

Civil and Landscape Plan Sheets

All civil and landscape sheets must be updated for consistent coordination with the SMP to avoid conflicts and verify completeness. Plans must be highly detailed and additional information may be requested by the ES UR Reviewer as necessary to complete the SCP.

Clean Bay Blueprint and WDID Number

The Clean Bay Blueprint applies to all projects and must be included as a separate plan sheet. Applicants may download the sheet at www.fremont.gov/stormwater.

The WDID number only applies to projects disturbing an area 1 acre or greater. After filing for a Notice of Intent (NOI), a WDID number is issued by the Regional Water Quality Control Board. The WDID number must be shown on the plans prior to issuance of grading or building permits. Additional information may be found at:

http://www.swrcb.ca.gov/water_issues/programs/stormwater/construction.shtml

Part II: SCP Additional Construction Documents

The following are components required as a combined attachment separate from the plans.

Stormwater Control Plan Checklist

The SCP Checklist received with the Approved PSCP Checklist during entitlement must be included with the SCP. See CHAPTER 2: STORMWATER CONTROL PLAN SURVEY AND SCP CHECKLISTS for more details.

Stormwater Requirements Checklist

Applicants must submit an updated Stormwater Requirements Checklist available for download at www.fremont.gov/stormwater. Parts One through Seven must be fully completed for all projects. Parts Nine through Ten are only required if the project is subject to C.3 LID requirements which is determined in Parts One through Three as well as by the completed Stormwater Control Plan Survey and the produced SCP Checklist. Applicants must sign and date the Stormwater Requirements Checklist on line 7 of Part One. An updated Stormwater Requirements Checklists will be required with the Final SCP to match any design changes made during the review process.

Sizing Worksheets

Projects proposing C.3 LID sized at less than 4% must provide site-specific sizing worksheets. Sizing worksheets must be applied separately by drainage management area (DMA). Based on Provision C.3.d of the MRP, two sizing worksheets are available: Volume sizing and Combination Flow and Volume sizing. Both are available for download at: www.fremont.gov/stormwater.

Special Projects Worksheet and Narrative

An updated Special Projects Worksheet and Narrative may be requested for review and approval by the ES UR reviewer. All sections of the Special Projects Worksheet and Narrative must be completed to be considered adequate for review. The Special Projects Worksheet and Narrative may be downloaded at: www.fremont.gov/stormwater.

Geotechnical Report

An updated geotechnical report may be required prior to permit issuance and should include data addressing the following concerns:

- Depth to groundwater (site-boring and historical analysis)
- Native soil infiltration rate including soil types and Ksat values taken at the projected LID sites
- Geotechnical hazards of concern such as steep slopes, potential for landslides and liquefaction, and proximity to building foundations
- The potential for pollutant mobilization based on analysis of historical land use
- Conflicts with existing utilities, underground storage tanks, groundwater production wells, and other agency policies

Hydromodification Management (HM) Calculations

Applicants must provide updated BAHM calculations obtained using the computer software application available at: www.fremont.gov/stormwater. Site-specific details for the flow duration controls and associated site design measures selected to address HM must be shown in the SMP. See Stormwater Management Plan for more guidance on inclusion of HM in the SMP.

Stormwater Management Measures Operations and Maintenance Agreement

For all projects subject to C.3 LID requirements, applicants must provide a Stormwater Management Measures Operations and Maintenance (O&M) Agreement using the template documents available at:

www.fremont.gov/stormwater. A recorded O&M agreement is required prior to permit issuance. Applicants should refer to the Instructions for Completing the O&M Agreement for detailed directions.

During the review process, only electronic Microsoft Word files are needed for review. A hard-copy will be requested only after the O&M agreement has been deemed adequate for wet signatures and recordation. The majority of text within the O&M agreement template remains as is. Project-specific details such as permit numbers, site address, and signee information are added in. Ensure that all date fields and signature lines remain blank until the hard-copy O&M agreement is requested. The O&M agreement must be accompanied with the appropriate signing authority documentation based on the City's signature guidelines.

Operations and Maintenance Manual

The O&M Manual is required as a combined PDF document and consists of City standard maintenance plans and sample inspection checklists, manufacturer recommendations as available, and City standard operational source control measures. The O&M Manual template is provided at www.fremont.gov/stormwater for use and must be consistently updated to match design changes made during the review process. An approved O&M manual is required prior to permit issuance.

HOA and/or POA CC&Rs

If applicable to the project, HOA and/or POA CC&Rs must be submitted for review and approval to ensure that all relevant Stormwater Management Measure articles are included.

Environmental Services Acknowledgement Form

For projects disturbing less than 1 acre of soil and not subject to NOI filing requirements, applicants must complete and sign the Environmental Services Acknowledgement form available for download at: www.fremont.gov/stormwater.

Biotreatment Soil Mix (BSM) Certification

Applicants are required to submit the following documentation for review and approval by the City Stormwater Inspector prior to installation of stormwater management measures:

- Certificate of Compliance for Biotreatment Soil Mix
- Certified gallon-size sample of BSM

A list of BSM suppliers and regional BSM specifications can be found at: www.fremont.gov/stormwater.

Part III: Revisions to the SCP

When changes are made to any component of a Final SCP, a **Revision SCP** is required for review and approval by the ES UR Reviewer. In addition to the standard components of a Final SCP, a Revision SCP must also include a written narrative describing the revisions made to the SCP since receiving Final SCP approval. Though the O&M Agreement may not need to be updated, any necessary updates to the O&M Manual must also be provided for review and approval.

Stormwater Control Plan Checklist

Revision #

Project Name:

Permit Number:

Submittal Date:

This project is:

- subject to C.3 LID requirements
- may be subject to C.3 LID requirements
- NOT subject to C.3 LID requirements

Stormwater Control Plan Components in Plan Set				
Required	Req if appl	Not Req		Adequate
			Contents of Plan	
X			Stormwater Management Plan	<input type="checkbox"/>
X			Civil Plan Sheets	<input type="checkbox"/>
	X		Landscape Plan Sheets	<input type="checkbox"/>
	X		Clean Bay Blueprint	<input type="checkbox"/>
	X		WDID Number	<input type="checkbox"/>

Stormwater Control Plan Additional Documents				
Required	Req if appl	Not Req		Adequate
			Contents of Plan	
X			Stormwater Control Plan Checklist	<input type="checkbox"/>
X			Stormwater Requirements Checklist	<input type="checkbox"/>
X			Revision Narrative	<input type="checkbox"/>
	X		Sizing Worksheets	<input type="checkbox"/>

Figure 4.1 Revision SCP Checklist

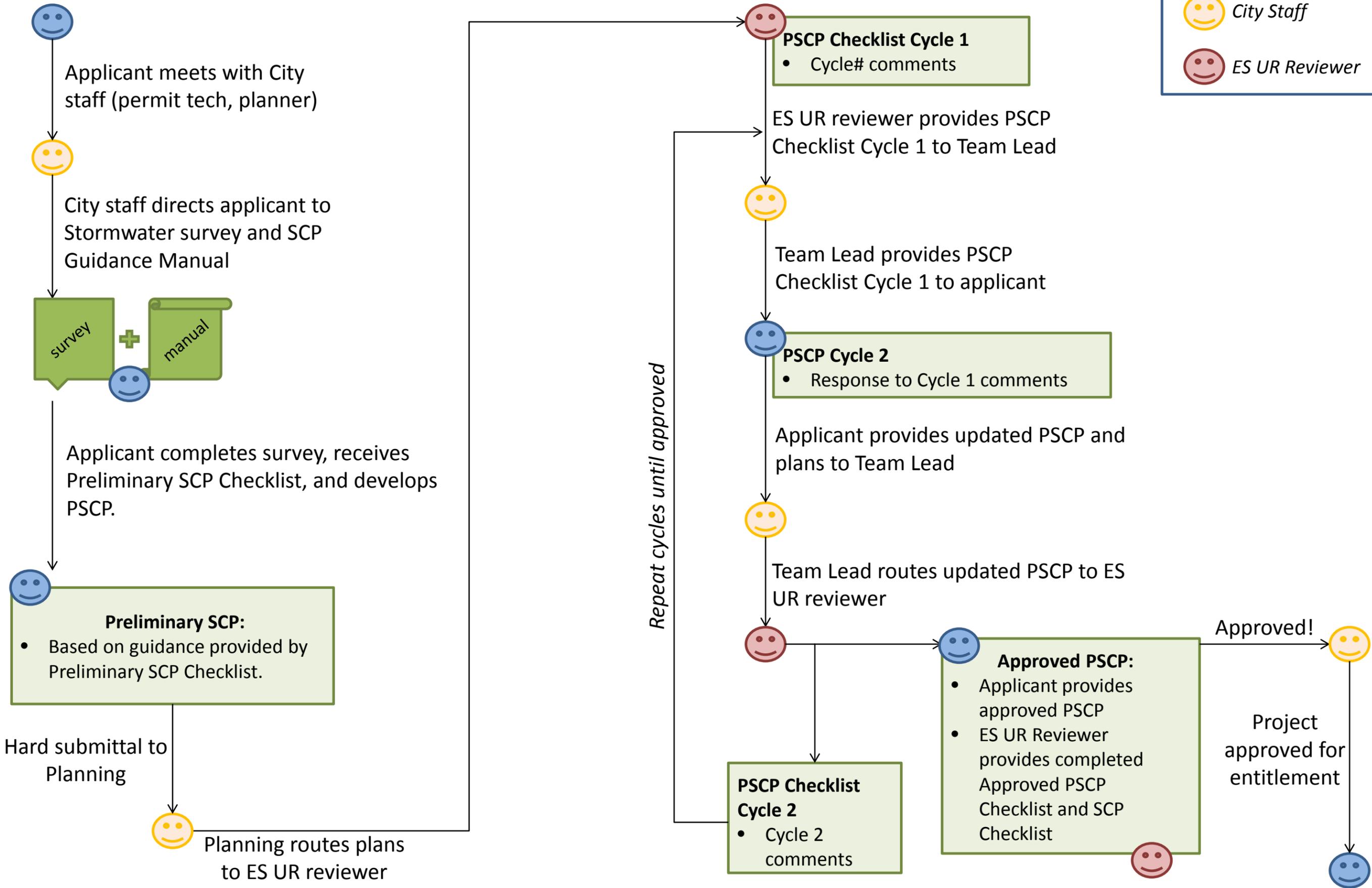
APPENDIX

Appendix A: SCP Submittal and Review Process Flowchart

Appendix B: (P)SCP Checklists

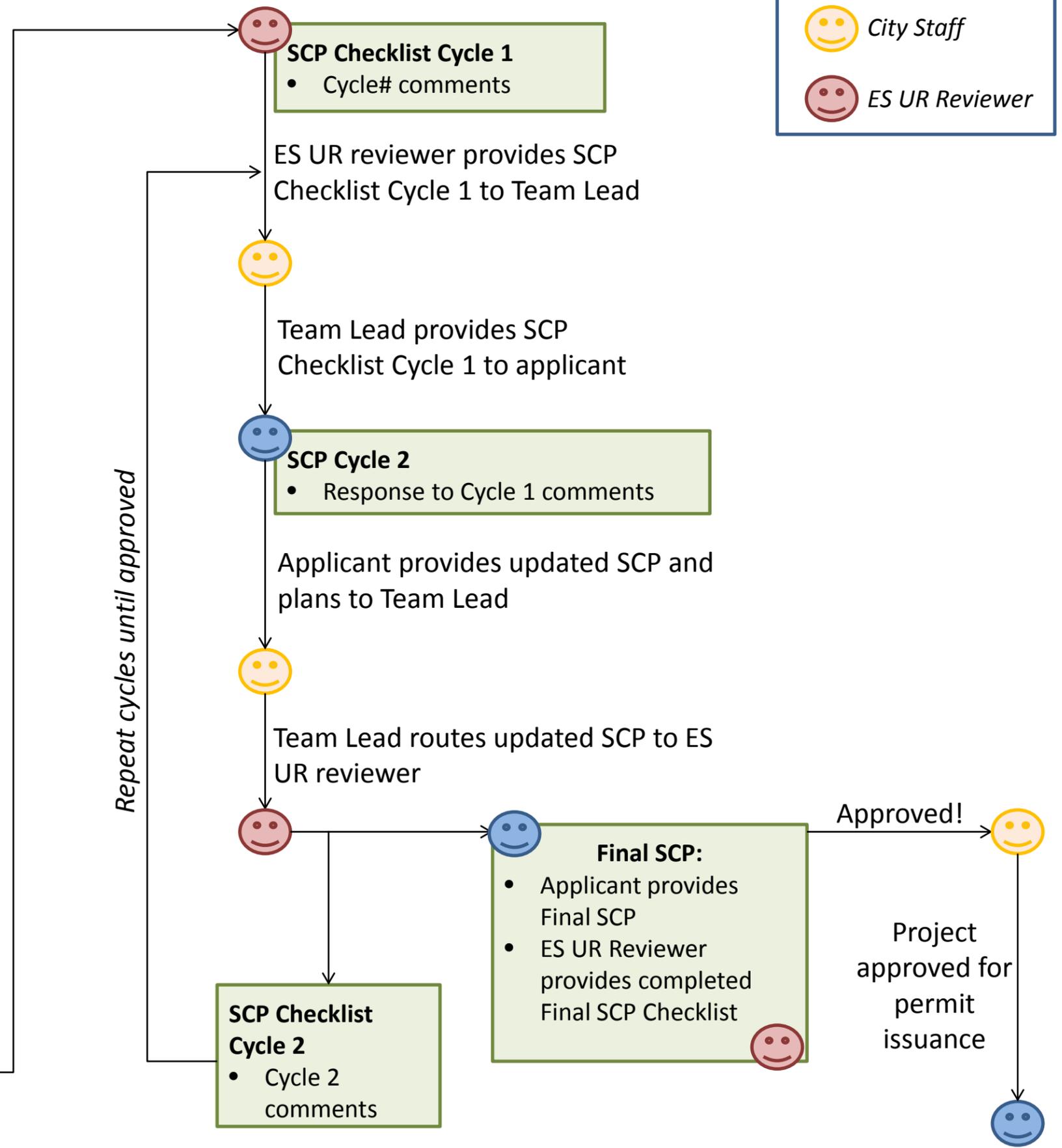
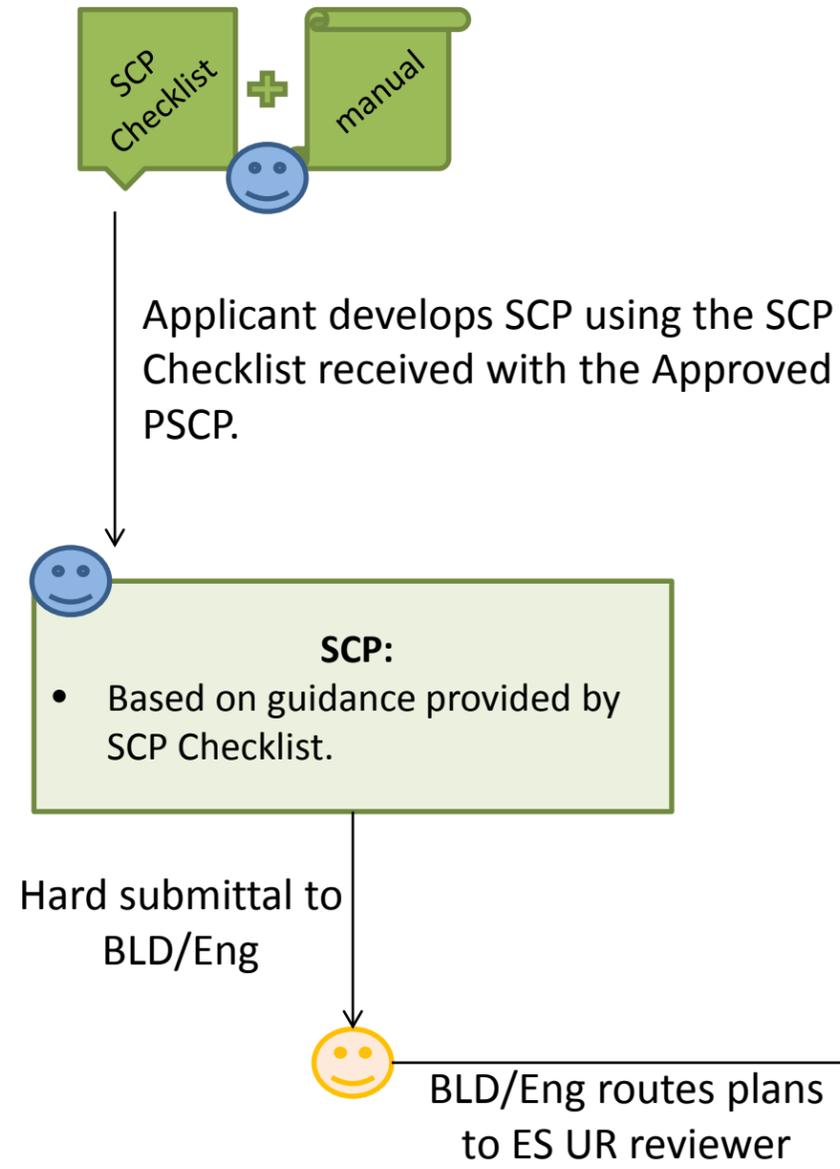
Appendix A: SCP Submittal and Review Process Flowchart

APPENDIX A SCP Review Process for Entitlement



APPENDIX A

SCP Review Process for Construction



Appendix B: (P)SCP Checklists

APPENDIX B

Preliminary Stormwater Control Plan Checklist

Entitlement 1

Project Name: _____

Permit Number: _____

Submittal Date: _____

This project is:

- subject to C.3 LID requirements
- may be subject to C.3 LID requirements
- NOT subject to C.3 LID requirements

Stormwater Control Plan Components in Plan Set					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		
		X	Stormwater Management Plan	<input type="checkbox"/>	Res/Use
X			Civil Plan Sheets	<input type="checkbox"/>	Res/Use
X			Landscape Plan Sheets	<input type="checkbox"/>	Res/Use
		X	Clean Bay Blueprint	<input type="checkbox"/>	Res/Use
		X	WDID Number	<input type="checkbox"/>	Res/Use

Stormwater Control Plan Additional Documents					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		
X			Stormwater Control Plan Checklist	<input type="checkbox"/>	
X			Stormwater Requirements Checklist	<input type="checkbox"/>	
	X		Sizing Worksheets	<input type="checkbox"/>	
		X	Special Projects Worksheet and Narrative	<input type="checkbox"/>	
	X		Geotechnical Report (or equivalent) In-situ infiltration rates (For projects using permeable pavements)	<input type="checkbox"/>	
		X	Hydromodification Calculations (BAHM Calculations or Equivalent)	<input type="checkbox"/>	
		X	Stormwater Management Measures Operations and Maintenance Agreement	<input type="checkbox"/>	Res/Use
		X	Operations & Maintenance Manual (Maintenance Plans & Checklists; manufacturer recommendations, as appropriate; Operational Source Control Measures; project specific guidance, as necessary; etc.)	<input type="checkbox"/>	Reserved for City/Use
		X	HOA and/or POA CC&R's Stormwater Management Measure Articles	<input type="checkbox"/>	
		X	Environmental Services Acknowledgement Form (for projects disturbing < 1 acre of exposed soil)	<input type="checkbox"/>	

APPENDIX B

Preliminary Stormwater Control Plan Checklist

Entitlement 2

Project Name: _____

Permit Number: _____

Submittal Date: _____

This project is:

- subject to C.3 LID requirements
- may be subject to C.3 LID requirements
- NOT subject to C.3 LID requirements

Stormwater Control Plan Components in Plan Set					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		
X			Stormwater Management Plan	<input type="checkbox"/>	<input type="checkbox"/>
X			Civil Plan Sheets	<input type="checkbox"/>	<input type="checkbox"/>
X			Landscape Plan Sheets	<input type="checkbox"/>	<input type="checkbox"/>
		X	Clean Bay Blueprint	<input type="checkbox"/>	<input type="checkbox"/>
		X	WDID Number	<input type="checkbox"/>	<input type="checkbox"/>

Stormwater Control Plan Additional Documents					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		
X			Stormwater Control Plan Checklist	<input type="checkbox"/>	<input type="checkbox"/>
X			Stormwater Requirements Checklist	<input type="checkbox"/>	<input type="checkbox"/>
	X		Sizing Worksheets	<input type="checkbox"/>	<input type="checkbox"/>
	X		Special Projects Worksheet and Narrative	<input type="checkbox"/>	<input type="checkbox"/>
X			Geotechnical Report (or equivalent) In-situ infiltration rates (For projects using permeable pavements)	<input type="checkbox"/>	<input type="checkbox"/>
	X		Hydromodification Calculations (BAHM Calculations or Equivalent)	<input type="checkbox"/>	<input type="checkbox"/>
		X	Stormwater Management Measures Operations and Maintenance Agreement	<input type="checkbox"/>	<input type="checkbox"/>
		X	Operations & Maintenance Manual (Maintenance Plans & Checklists; manufacturer recommendations, as appropriate; Operational Source Control Measures; project specific guidance, as necessary; etc.)	<input type="checkbox"/>	<input type="checkbox"/>
		X	HOA and/or POA CC&R's Stormwater Management Measure Articles	<input type="checkbox"/>	<input type="checkbox"/>
		X	Environmental Services Acknowledgement Form (for projects disturbing < 1 acre of exposed soil)	<input type="checkbox"/>	<input type="checkbox"/>

APPENDIX B

Preliminary Stormwater Control Plan Checklist

Approved

Project Name: _____

Permit Number: _____

Submittal Date: _____

This project is:

- subject to C.3 LID requirements
- may be subject to C.3 LID requirements
- NOT subject to C.3 LID requirements

Stormwater Control Plan Components in Plan Set			
Required	Req if appl	Not Req	Adequate
			Contents of Plan
X			Stormwater Management Plan
X			Civil Plan Sheets
X			Landscape Plan Sheets
		X	Clean Bay Blueprint
		X	WDID Number

Stormwater Control Plan Additional Documents			
Required	Req if appl	Not Req	Adequate
			Contents of Plan
X			Stormwater Control Plan Checklist
X			Stormwater Requirements Checklist
	X		Sizing Worksheets
	X		Special Projects Worksheet and Narrative
X			Geotechnical Report (or equivalent) In-situ infiltration rates (For projects using permeable pavements)
	X		Hydromodification Calculations (BAHM Calculations or Equivalent)
		X	Stormwater Management Measures Operations and Maintenance Agreement
		X	Operations & Maintenance Manual (Maintenance Plans & Checklists; manufacturer recommendations, as appropriate; Operational Source Control Measures; project specific guidance, as necessary; etc.)
		X	HOA and/or POA CC&R's Stormwater Management Measure Articles
		X	Environmental Services Acknowledgement Form (for projects disturbing < 1 acre of exposed soil)

APPENDIX B

Stormwater Control Plan Checklist

Construction 1

Project Name: _____

Permit Number: _____

Submittal Date: _____

- This project is:**
- subject to C.3 LID requirements
 - may be subject to C.3 LID requirements
 - NOT subject to C.3 LID requirements

Stormwater Control Plan Components in Plan Set					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		
		X	Stormwater Management Plan	<input type="checkbox"/>	Use
X			Civil Plan Sheets	<input type="checkbox"/>	Use
X			Landscape Plan Sheets	<input type="checkbox"/>	Use
X			Clean Bay Blueprint	<input type="checkbox"/>	Use
		X	WDID Number	<input type="checkbox"/>	Use

Stormwater Control Plan Additional Documents					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		
X			Stormwater Control Plan Checklist	<input type="checkbox"/>	
		X	Stormwater Requirements Checklist	<input type="checkbox"/>	
		X	Sizing Worksheets	<input type="checkbox"/>	
		X	Special Projects Worksheet and Narrative	<input type="checkbox"/>	
		X	Geotechnical Report (or equivalent) In-situ infiltration rates (For projects using permeable pavements)	<input type="checkbox"/>	
		X	Hydromodification Calculations (BAHM Calculations or Equivalent)	<input type="checkbox"/>	
		X	Stormwater Management Measures Operations and Maintenance Agreement	<input type="checkbox"/>	Use
		X	Operations & Maintenance Manual (Maintenance Plans & Checklists; manufacturer recommendations, as appropriate; Operational Source Control Measures; project specific guidance, as necessary; etc.)	<input type="checkbox"/>	Use
		X	HOA and/or POA CC&R's Stormwater Management Measure Articles	<input type="checkbox"/>	
X			Environmental Services Acknowledgement Form (for projects disturbing < 1 acre of exposed soil)	<input type="checkbox"/>	

APPENDIX B

Stormwater Control Plan Checklist

Construction 2

Project Name: _____

Permit Number: _____

Submittal Date: _____

This project is:

- subject to C.3 LID requirements
- may be subject to C.3 LID requirements
- NOT subject to C.3 LID requirements

Stormwater Control Plan Components in Plan Set					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		
	X		Stormwater Management Plan	<input type="checkbox"/>	Res/Use
X			Civil Plan Sheets	<input type="checkbox"/>	Res/Use
X			Landscape Plan Sheets	<input type="checkbox"/>	Res/Use
X			Clean Bay Blueprint	<input type="checkbox"/>	Res/Use
		X	WDID Number	<input type="checkbox"/>	Res/Use

Stormwater Control Plan Additional Documents					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		
X			Stormwater Control Plan Checklist	<input type="checkbox"/>	
X			Stormwater Requirements Checklist	<input type="checkbox"/>	
	X		Sizing Worksheets	<input type="checkbox"/>	
	X		Special Projects Worksheet and Narrative	<input type="checkbox"/>	
	X		Geotechnical Report (or equivalent) In-situ infiltration rates (For projects using permeable pavements)	<input type="checkbox"/>	
	X		Hydromodification Calculations (BAHM Calculations or Equivalent)	<input type="checkbox"/>	
	X		Stormwater Management Measures Operations and Maintenance Agreement	<input type="checkbox"/>	Res/Use
	X		Operations & Maintenance Manual (Maintenance Plans & Checklists; manufacturer recommendations, as appropriate; Operational Source Control Measures; project specific guidance, as necessary; etc.)	<input type="checkbox"/>	Res/Use for City Use
	X		HOA and/or POA CC&R's Stormwater Management Measure Articles	<input type="checkbox"/>	
X			Environmental Services Acknowledgement Form (for projects disturbing < 1 acre of exposed soil)	<input type="checkbox"/>	

APPENDIX B

Stormwater Control Plan Checklist

Construction 3

Project Name: _____

Permit Number: _____

Submittal Date: _____

This project is:

- subject to C.3 LID requirements
- may be subject to C.3 LID requirements
- NOT subject to C.3 LID requirements

Stormwater Control Plan Components in Plan Set					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		
X			Stormwater Management Plan	<input type="checkbox"/>	Reserved for City Use
X			Civil Plan Sheets	<input type="checkbox"/>	
X			Landscape Plan Sheets	<input type="checkbox"/>	
X			Clean Bay Blueprint	<input type="checkbox"/>	
	X		WDID Number	<input type="checkbox"/>	

Stormwater Control Plan Additional Documents					
Required	Req if appl	Not Req		Adequate	Comments
			Contents of Plan		
X			Stormwater Control Plan Checklist	<input type="checkbox"/>	Reserved for City Use
X			Stormwater Requirements Checklist	<input type="checkbox"/>	
	X		Sizing Worksheets	<input type="checkbox"/>	
	X		Special Projects Worksheet and Narrative	<input type="checkbox"/>	
X			Geotechnical Report (or equivalent) In-situ infiltration rates (For projects using permeable pavements)	<input type="checkbox"/>	
	X		Hydromodification Calculations (BAHM Calculations or Equivalent)	<input type="checkbox"/>	
X			Stormwater Management Measures Operations and Maintenance Agreement	<input type="checkbox"/>	
X			Operations & Maintenance Manual (Maintenance Plans & Checklists; manufacturer recommendations, as appropriate; Operational Source Control Measures; project specific guidance, as necessary; etc.)	<input type="checkbox"/>	
	X		HOA and/or POA CC&R's Stormwater Management Measure Articles	<input type="checkbox"/>	
	X		Environmental Services Acknowledgement Form (for projects disturbing < 1 acre of exposed soil)	<input type="checkbox"/>	

