
**Central Point
City Hall
541-664-3321**

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**CITY OF CENTRAL POINT
Study Session
August 19, 2013**

I. REGULAR MEETING CALLED TO ORDER – 6:00 P.M.

II. DISCUSSION ITEMS

A. Storm Water Master Plan

B. Island Annexations

III. ADJOURNMENT

Discussion Item

Storm Water Master Plan



City of Central Point City Council Study Session

Stormwater Master Plan

August 19, 2013



Agenda

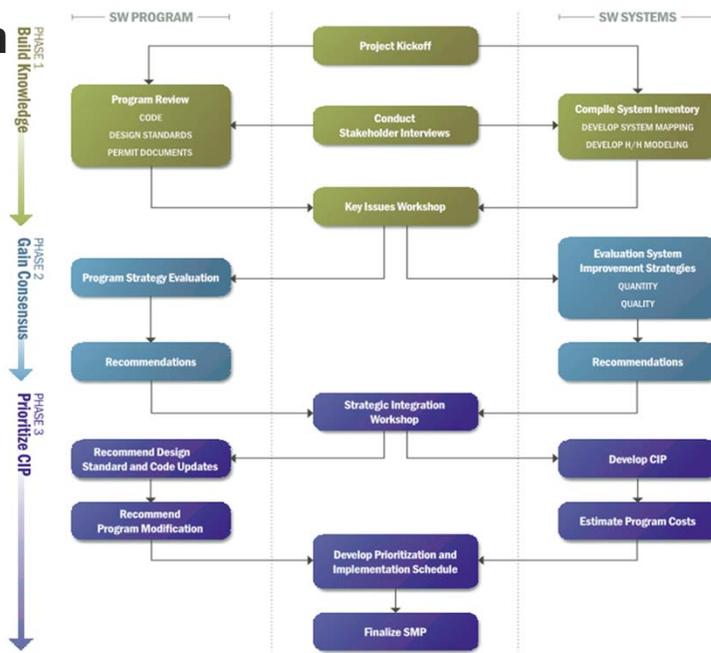
- Plan Objectives
- Approach
- Evaluation and Findings
- Deliverables
- Next Steps

Plan Objectives

- Develop an integrated stormwater capital improvement program (CIP) to address storm system capacity needs and water quality.
- Develop a Master Plan document that is useful, and easy to read, reference, and update.
- Incorporate the use of Low Impact Development (LID) approaches in the CIP where applicable.
- Prepare for upcoming stormwater regulatory updates.
- Obtain the maximum amount of Community Rating System (CRS) points practicable.



Approach



Evaluation and Findings

- Develop an understanding of system through system modeling, staff interviews, and site visits.
- Develop a list of alternatives for problem areas.
- Develop a comprehensive list of recommended projects from these alternatives.
- Identify where projects can be integrated with other projects.
- Prioritize projects into a CIP.



Evaluation and Findings (continued)

- Project rating criteria
 - Flood control
 - provides legal compliance
 - improves public safety
 - alleviates flooding issues
 - provides water quality benefits
 - Water quality
 - provides water quality benefits
 - promotes cultural awareness
 - alleviates flooding issues

Evaluation and Findings (continued)

- Flood control
 - Twenty-one projects identified and prioritized



Evaluation and Findings (continued)

Flood Control CIP Prioritization and Ranking

Rank	CIP number	Project name	Cost, \$	Estimated timeline	Funding source
1	15.1	Hamrick Road to Green Valley Way	555,000	2013-15	SD
2	12	Freeman Road at Rose Valley	201,000	2013-16	SD
3	13	Rose Valley Drive	288,000	2013-16	SD
4	11	Freeman Road at Ash	111,000	2014-16	SD
5	5.2	Comet Outfall	203,000	2016-26	SD
6	5.3	Victoria Way High Flow Bypass	507,000	2016-26	SD
7	5.1	North 10 th Street Parallel Pipe	60,000	2016-26	SD
8	5.4	5 th Street - M026 to North 3 rd	361,000	2016-26	SD
9	5.5	5 th Street - Mazama to M026	394,000	2016-26	SD
10	5.6	Mazama - 3 rd to 5 th	125,000	2016-26	SD
11	8.2	Oak Street Overflow	618,000	2026-30	SD
12	8.5	Cedar Street Bypass	132,000	2026-30	SD
13	8.6	Rostell Street Channel	37,000	2026-30	SD
14	2	Daisy Creek	386,000	2020-30	SD
15	4	Griffin Flood Mitigation Project	10,500,000	2013-35	SD, SWQ, Other
16	1	Corcoran Lane Inlet Replacement	48,000	2014-24	SD
17	8.3	Ash Street Pipe Replacement	136,000	2026-30	SD
18	8.4	2 nd Street Pipe Replacement	95,000	2026-30	SD
19	15.3	Gebhard Road to Green Valley Way	167,000	2020-34	SD
20	15.2	Gebhard Road to New Jackson County Outfall	422,000	2020-34	SD
21	15.4	Beebe Road Parallel Pipe	282,000	2020-34	SD

Evaluation and Findings (continued)

- Water quality
 - Nine projects identified and prioritized



Evaluation and Findings (continued)

Water Quality CIP Prioritization and Ranking					
Rank	CIP number	Project name	Cost, \$	Estimated timeline	Funding source
WQ1	8.1	Jewett Elementary School Channel	45,000	2014-15	SWQ
WQ2	10	Ray's Food Place Planter	13,700	2015-16	SWQ
WQ3	7.3	Green Street: Laurel Street from North 2 nd to North 6 th Street	452,000	2016-20	SWQ
WQ4	9	City Hall Rain Garden Demonstration	46,300	2020-21	SWQ
WQ5	7.4	Green Street: Alder from South 1 st to North 6 th Street	535,000	2021-27	SWQ
WQ6	7.2	Green Street: Maple Street from North 1 st to North 6 th Street	535,000	2027-32	SWQ
WQ7	7.1	Green Street: Cherry St from North 2 nd to North 4 th Street	238,000	2032-34	SWQ
WQ8	6	Summerfield Park Water Quality Enhancement	29,200	2033-34	SWQ
WQ9	3	Crater High School Bioswale	44,100	2033-34	SWQ

Evaluation and Findings (continued)

- Design Standard Recommendations
 - Design storm for flow control: 10-yr event– 3.12 in/24 hrs
 - Development threshold for requiring erosion control to 1,000 ft²
 - Increase design storm for overflow performance to 100-yr event
 - Set threshold for detention at 2,500 ft² of new impervious surface
 - Include a preliminary design of stormwater management earlier in submittal process
 - Revisit road standards to identify ways to reduce the amount of impervious surface required for new roads
 - Estimated 94 to 98 points under stormwater management section of the National Flood Insurance Program (NFIP) CRS

Evaluation and Findings (continued)

- Other Findings
 - Eliminate barriers to LID



Before



After

Evaluation and Findings (continued)

- Stormwater Program
 - Total Maximum Daily Load (TMDL) Program
 - City's program meets current TMDL program requirements.
 - NPDES MS4 Program
 - City currently operating under 2007 permit.
 - Existing program meets all requirements.
 - New permit expected in 2 to 3 years.

Deliverables

Central Point Stormwater Master Plan

Table of Contents

Executive Summary

Section 1 – Introduction

Section 2 – Study Area Characteristics

Section 3 – Regulatory Evaluation

Section 4 – Stormwater System Capacity Evaluation

Section 5 – Water Quality Retrofit Evaluation

Section 6 – Integrated Management Strategy

Section 7 – CIP Implementation

Appendices A through H provide supporting information

Next Steps

- Finalize and adopt plan.
- Get first water quality project built.
- Remove barriers for LID implementation.
- Plan for flood control project between Hamrick Road and Gebhard Road.
- Incorporate design standard recommendations into next update.
- Submit stormwater management information to FEMA in next evaluation period.

Questions?

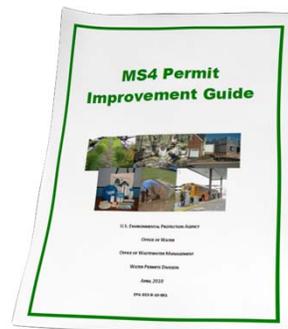
Additional Information

New Directions from EPA

- Permit provisions should be clear, specific, measurable and enforceable.
 - more specific measurable goals
 - tracking measures
- Permits should include specific requirements to control stormwater discharges from new development and redevelopment.
 - volume reduction
 - LID
 - flow duration/hydromodification
- Requirement for MS4s to address stormwater discharges in areas of existing development through retrofits.

New Directions from EPA (continued)

- Assess impacts from hydromodification
- Enhance public and private water quality facility maintenance programs
- Augment monitoring programs
 - pesticides, TMDL parameters, biological, geomorphology, etc.
- Conduct program audits
 - Clackamas is next.



Discussion Item

Island Annexation

Council Study Session Annexation Islands

August 19, 2013

3521 Hanley



- Water – No
- Sewer – yes
- City Streets – County/City



3542 Hanley



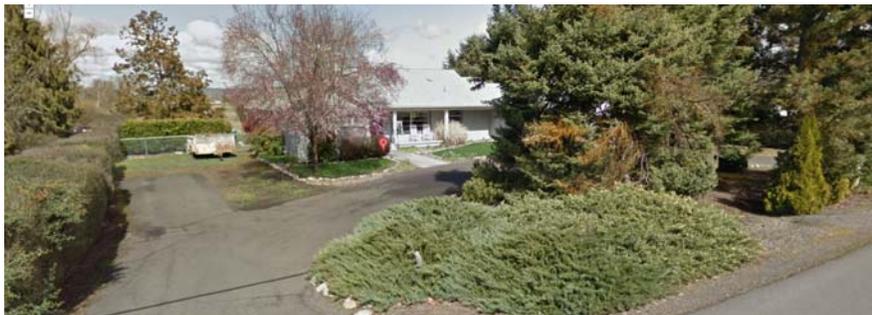
- Water – yes
- Sewer – yes
- City Streets – County/City



1988 Taylor



- Water – no
- Sewer – yes
- City Streets – City



220 Snowy Butte Lane



- Water – no
- Sewer – yes
- City Streets – City



239 & 233 Freeman Road



- Water – no and yes
- Sewer – yes
- City Streets – City



225 W. Vilas



- Water – yes
- Sewer – yes
- City Streets – City



185 W. Vilas



- Water – no
- Sewer – yes
- City Streets – City



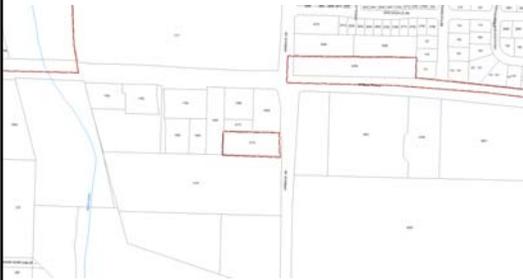
4885 Upton Road



- Water – no
- Sewer – yes
- City Streets – City



4173 Hamrick Road



- Water – no
- Sewer – yes
- City Streets – City



N. Front



Scenic Middle School

