



CITY OF
**PALO
ALTO**

Stormwater Management Oversight Committee

Thursday, February 3, 2022
1 pm to 3 pm
Special Meeting

*****BY IN PERSON and VIRTUAL TELECONFERENCE *****

<https://zoom.us/join> Meeting ID: 990 9847 5635 Phone: 1(669)9006833

Pursuant to the provisions of California Governor's Executive Order N-29-20, issued on March 17, 2020, to prevent the spread of Covid-19, this meeting will be held by virtual teleconference only, with no physical location.

Agenda posted in accordance Government Code Section 54954.2(a) or 54956.

PUBLIC COMMENT

Members of the public who wish to participate by computer or phone can find the instructions at the end of this agenda. To ensure participation in a particular item, we suggest calling in or connecting online 15 minutes before the item you wish to speak on.

Call to Order (5 min)

Oral Communications (5 min)

Members of the public may speak to any item NOT on the agenda. A reasonable time restriction may be imposed at the discretion of the Committee Chair.

Old Business (5 min)

1. Approval of Minutes from the December 2, 2021 Stormwater Management Oversight Committee Meeting (5 min)

New Business (90 min)

2. Adoption of a Resolution Authorizing Use of Teleconferencing for Stormwater Management Oversight Committee Meetings During Covid-19 State of Emergency (5 min)
3. Staff Presentation of FY 2021 Actuals for Committee Approval and FY 2023 Budget Process Update (15 min)

4. Staff Update Stormwater Management Fund Capital Program (5 min)
5. Staff Update and Discussion Stormwater Management Funding Analysis (60 min)
6. Introduction to Boards, Commissions, and Committee (BCC) Workplan Update in Preparation for Next Meeting (5 min)

Committee Member Comments and Announcements (10 min)

Tentative Agenda Items for Future Meetings and Review Action Items (5 min)

Adjournment

AMERICANS WITH DISABILITY ACT (ADA)

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CITY OF
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Stormwater Management Oversight Committee

Minutes

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1 pm to 3 pm
Special Meeting

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Agenda posted in accordance Government Code Section 54954.2(a) or 54956.

Committee Members Present: Hal Mickelson, Dena Mossar, Ron Owes, Catherine Perman, David Bower

Committee Members Absent: Bob Wenzlau, Marilyn Keller

Staff Present: Jamie Perez, Pam Boyle Rodriguez, Michelle Nelson

Others: Kelly Havens (Geosyntec Consultants), Alina Constantinescu (Larry Walker Associates)

PUBLIC COMMENT

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Call to Order (5 min)

- Mickelson: Call to order at 1:12 PM.

Oral Communications (5 min)

Members of the public may speak to any item NOT on the agenda. A reasonable time restriction may be imposed at the discretion of the Committee Chair.

- No public comment.

Old Business (5 min)

1. Approval of Minutes from the October 7, 2021 Stormwater Management Oversight Committee Meeting (5 min)
 - Mossar: Moves to approve minutes.
 - Seconded by Bower.
 - No objections. Minutes approved.

New Business (75 min)

1. Adoption of a Resolution Authorizing Use of Teleconferencing for Stormwater Management Oversight Committee Meetings During Covid-19 State of Emergency (5 min)
 - Perez: Explains this is the first time the Committee is adopting this resolution and that it will need to be re-adopted every 30 days until the end of 2021.
 - Mickelson: Verifies this authorizes the Committee to have Zoom meetings.
 - Mossar: Moves to adopt the Resolution.
 - Seconded by Perman.
 - No objections. Motion passes.
2. Staff Update Stormwater Management Fund Financial Review (15 min)
 - Perez: Presents staff update on fund and financial review for Stormwater Management Fund.
 - Perman: Asks for clarification on why FY22 numbers so much higher than FY21 actuals.
 - Perez: Clarifies FY22 includes unspent funds which have been reappropriated and carried-forward from the previous fiscal year (FY21).
 - Bower: Asks if Caltrans funding for the Trash Capture Device CIP project is recognized in the budget.
 - Perez: Confirms the project is budgeted in both the revenues and expenses to account for the Caltrans funding.
 - Mossar: Asks why there is such a large difference between FY21 Actuals and FY22 Budget for CIP Projects.
 - Perez: The FY22 Budget includes any unspent funds from FY21 that may have been tied up in a contract but were not used at that time and were reappropriated to FY22 for the remaining contract term.
 - Perman: Asks if small amount spent in FY19-FY21 was pandemic related.
 - Perez: Notes gaps in lowered expenses most likely have to do with delays in construction, progress in projects, contract

- procurement, staff capacity and vacancies, etc.
 - Perman: If we spend less than what we collect, is it accumulating to be used in future fiscal years?
 - Perez: When revenues exceed expenses, that falls to the fund balance to be used in future years.
 - Mossar: Asks for clarification of encumbrances and tying up funds.
 - Perez: Clarifies encumbrances in full help commit and fulfill planned contract amounts. If total contract amounts are unused or no longer needed at end of term, encumbrances can be disencumbered for other use.
- Owes: Question regarding capital recovery funding for maintenance.
 - Perez: Notes maintenance is covered on the Operating side of the budget and adjustments to funding can be proposed as needed during the budget development process.

3. Staff Update GSI Guidance and Maintenance Manual (45 min)

- Boyle Rodriguez, Kelly Havens (Geosyntec Consultants), Alina Constantinescu (Larry Walker Associates or LWA): Present staff update on GSI handbook and maintenance and monitoring manual.
- Owes: Asks about building code requirements needed to be able to implement the siting requirements in our handbook.
 - Boyle Rodriguez: Clarifies the handbook is just for GSI purposes.
- Owes: Question regarding street sweeping signage and notes that we need to have an operational issue for making people move their cars during scheduled street sweeping times.
 - Boyle Rodriguez: Agrees and notes the point as a potential issue.
- Perman: Asks about testing protocol to test the Inspection Checklist.
 - Constantinescu: Would like the list to be a living document that could be updated in future.
- Owes: Asks where the handbook will live (online or printable) and what audience may receive a printed copy.
 - Boyle Rodriguez: Clarifies this will be used primarily internally and staff will provide copies to consultants.
- Mossar: What is the criteria for success on a facility inspection checklist? Meets all criteria or actually retaining water?
 - Constantinescu: These are facilities that the public sees and assessing the visual aspects/qualifying the performance such as the plant health and if the plant looks good for these facilities will be helpful.
 - Mossar: If the criteria for inspecting during a rain event is important then somehow it needs to be incorporated here.
 - LWA: Confirms this will be important for the inspections.

4. Staff Update on Rain Barrel Rebate Program (10 min)

- Mickelson: Notes road blocks with SC Valley Water and offers to write a letter to the organization.
 - Mossar: Notes we have a representative on that board and the Committee should sit down with the representative to go through this with them.
 - Mickelson: Suggests Pam set up a meeting with 3 Committee members (Brown Act) and notes a letter would also work.
- Mossar: Neighbors arranged for purple water company to deliver water tanks and City said the tanks could not be used. Raising issue that is contrary to what the Committee wants. Reason is that they cannot have standing water on property but questions how is that different from the rain barrels.
 - Mickelson: Suggests she write a letter to Ed Shikada regarding that.
 - Boyle Rodriguez: Notes it is a State law that you have a particular permit to store water and is separate from collecting rain water.

Committee Member Comments and Announcements (10 min)

Tentative Agenda Items for Future Meetings and Review Action Items (5 min)

- Mickelson: Asks about next meeting.
 - Perez: Suggests February 3rd, 2022.
 - No conflicts or issues with proposed date.

Adjournment

- Mickelson: Motions to adjourn.
 - Seconded by Bower.
 - Meeting adjourned.

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NOT YET APPROVED

Resolution No. _____

Resolution Making Findings to Allow Teleconferenced Meetings Under California Government Code Section 54953(e)

R E C I T A L S

- A. California Government Code Section 54953(e) empowers local policy bodies to convene by teleconferencing technology during a proclaimed state of emergency under the State Emergency Services Act so long as certain conditions are met; and
- B. In March 2020, the Governor of the State of California proclaimed a state of emergency in California in connection with the Coronavirus Disease 2019 (“COVID-19”) pandemic, and that state of emergency remains in effect; and
- C. In February 2020, the Santa Clara County Director of Emergency Services and the Santa Clara County Health Officer declared a local emergency, which declarations were subsequently ratified and extended by the Santa Clara County Board of Supervisors, and those declarations also remain in effect; and
- D. On September 16, 2021, the Governor signed AB 361, a bill that amends the Brown Act to allow local policy bodies to continue to meet by teleconferencing during a state of emergency without complying with restrictions in State law that would otherwise apply, provided that the policy bodies make certain findings at least once every 30 days; and
- E. While federal, State, and local health officials emphasize the critical importance of vaccination and consistent mask-wearing to prevent the spread of COVID-19, the Santa Clara County Health Officer has issued at least one order, on August 2, 2021 (available online at [here](#)), that continues to recommend measures to promote outdoor activity, physical distancing and other social distancing measures, such as masking, in certain contexts; and
- F. The California Department of Industrial Relations Division of Occupational Safety and Health (“Cal/OSHA”) has promulgated Section 3205 of Title 8 of the California Code of Regulations, which requires most employers in California, including in the City, to train and instruct employees about measures that can decrease the spread of COVID-19, including physical distancing and other social distancing measures; and
- G. The Stormwater Management Oversight Committee has met remotely during the COVID-19 pandemic and can continue to do so in a manner that allows public participation and transparency while minimizing health risks to members, staff, and the public that would be present with in-person meetings while this emergency continues; now, therefore,

NOT YET APPROVED

The Stormwater Management Oversight Committee RESOLVES as follows:

1. As described above, the State of California remains in a state of emergency due to the COVID-19 pandemic. At this meeting, the Stormwater Management Oversight Committee has considered the circumstances of the state of emergency.
2. As described above, State and County officials continue to recommend measures to promote physical distancing and other social distancing measures, in some settings.

AND BE IT FURTHER RESOLVED, That for at least the next 30 days, meetings of the Stormwater Management Oversight Committee and its committees will occur using teleconferencing technology. Such meetings of the Stormwater Management Oversight Committee and its committees that occur using teleconferencing technology will provide an opportunity for any and all members of the public who wish to address the body and its committees and will otherwise occur in a manner that protects the statutory and constitutional rights of parties and the members of the public attending the meeting via teleconferencing; and, be it

FURTHER RESOLVED, That the Stormwater Management Oversight Committee staff liaison is directed to place a resolution substantially similar to this resolution on the agenda of a future meeting of the Stormwater Management Oversight Committee within the next 30 days. If the Stormwater Management Oversight Committee does not meet within the next 30 days, the staff liaison is directed to place a such resolution on the agenda of the immediately following meeting of the Stormwater Management Oversight Committee.

INTRODUCED AND PASSED:

AYES:

NOES:

ABSENT:

ABSTENTIONS:

ATTEST:

Staff Liaison

Chair of Stormwater Management Oversight Committee

NOT YET APPROVED

APPROVED AS TO FORM:

APPROVED:

City Attorney

Department Head



CITY OF
**PALO
ALTO**

Storm Water Management Oversight Committee

MEMORANDUM

Date: February 3, 2022

To: Honorable Finance Committee of the Palo Alto City Council

From: Members of the Storm Drain Oversight Committee

Subject: Review of Fiscal Year 2021 Storm Drainage Fund Expenditures

As directed by the City Council, the Committee met to discuss the Fiscal Year 2021 Storm Drainage (Storm Water Management) Fund expenditures on Thursday, February 3, 2022. Prior to the meeting, Public Works staff provided informational materials about the approved 2017 ballot measure and the proposed budget for the Committee's review. During the meeting, staff presented information and answered questions from the Committee members.

We have reviewed the expenditures for Fiscal Year 2021 and compared them with the provisions of the Storm Water Management Fee approved by Palo Alto property owners in 2017. We find that the attached spreadsheet describing the expenditures for Fiscal Year 2021 fairly summarizes the use of the revenue generated by the Storm Water Management Fee and that the expenditures are compatible with the provisions of the ballot measure. The Committee observed that the available funds for innovative green infrastructure were not fully expended. The Committee encourages staff to adjust and promote the innovative programs to achieve the City's goals for innovative green infrastructure.

Attachment A:
Stormwater Management Program – Fiscal Year 2021 Actual Expenditures

STORMWATER MANAGEMENT PROGRAM
Fiscal Year 2021 Actual Expenditures

(Amounts in 1000s, as of December 2021)

	Adopted Budget	Carry Forward Budget & Adjustments to Fund Balance	Modified Budget (incl. Carry Forward)	Actual Expenses
	Year 4 FY 2021	from FY 2020	Year 4 FY 2021	Year 4 FY 2021
Revenue Collected	7,909	-	7,909	7,957
Fee Revenue	7,635	-	7,635	7,735
Interest Earnings	153	-	153	146
Development Fees, Violation Fines, Other	121	-	121	76
Base Components	4,532	126	4,658	3,548
Flood Control Improvement	119	-	119	109
Engineering Support	328	-	328	90
Storm Water Quality Protection	1,276	91	1,367	1,181
Emergency Response	142	-	142	67
Administrative Support	1,044	-	1,044	1,000
Storm Drainage Maintenance	1,623	35	1,658	1,101
Project & Infrastructure	5,326	3,410	8,736	4,186
Capital Improvements Program	1,871	2,733	4,604	2,469
Recurring System Repair (SD-06101)	1,822	374	2,196	375
Debt Service	949	-	949	947
Capital Program Engineering Support	179	-	179	179
Green Stormwater Infrastructure (GSI)	380	220	600	197
GSI - CIP Design/Construction	250	150	400	150
GSI - Consulting Services	130	70	200	47
GSI - Other Unassigned Tasks		-	-	-
Innovative Project	125	83	208	19
Innovative Project - GSI consulting Services	80	58	138	18
Innovative Project - Outreach, Rebates, Other	45	25	70	1
Total Expenses	9,858	3,536	13,394	7,734



STORMWATER MANAGEMENT FUND

Financial Review

FEBRUARY 3, 2022

UPDATE: Slide 4 updated 2/14/22

www.cityofpaloalto.org

STORMWATER MANAGEMENT PROGRAM
Fiscal Year 2021 Actual Expenditures

(Amounts in 1000s, as of December 2021)

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GSI - Consulting Services	130	70	200	47
GSI - Other Unassigned Tasks		-	-	-
Innovative Project	125	83	208	19
Innovative Project - GSI consulting Services	80	58	138	18
Innovative Project - Outreach, Rebates, Other	45	25	70	1
Total Expenses	9,858	3,536	13,394	7,734



FY 2023 BUDGET PROCESS UPDATE

SWM Fee Revenue

- Proposed Increase (Dec-Dec CPI): 4.2%, +\$312,295

Operating Expenses – Anticipated Adjustments

- Base Program – general increases, fee revenue alignment
- Maintenance – no changes
- GSI & Innovative Projects – no changes

Capital Expenses

- Planned reappropriations for GSI and Trash Capture Device
- Proposed: E Meadow Circle Connection to Adobe Creek Pump Station (SD-27000)

FY 2022 PLANNED CIP PROJECTS

Capital Improvement Project Program	FY 2021 Actuals	FY 2022 Budget ¹
SD System Replacement & Rehabilitation (SD-06101)	375	2,294
Projects Identified from Ballot	2,469	3,857
Loma Verde Ave Trunk Line Improvements (#1, SD-19000)	2,150	3
Corporation Way System Upgrades & Pump Station (#2, SD-21000)	145	3,209
West Bayshore Road Pump Station (#4, SD-20000)	169	595
West Bayshore Road Trunk Line Improvements (#3, SD-23000)	5	50
Green Stormwater Infrastructure (SD-22001)²		501
Trash Capture Device Installation (SD-22002)³		613

¹ Includes unspent funds that were carried-forward and/or reappropriated from FY 2021 to FY 2022

² Budget for subsequent years of Green Stormwater Infrastructure project (SD-22001) to be reviewed during FY23 budget process.

³ Trash Capture Device Installation project (SD-22002) funded by Caltrans.



Funding Options for **Green Stormwater Infrastructure**

Stormwater Management Oversight Committee

Project Update

February 3, 2022



1

Timeline

February 4, 2021

Introduction to SWMOC
Staff Interview Process and Findings

Now

SWMOC for Update and Input

April 2021 through January 2022

Four Meetings with Sub-Committee

April 2022

Final SWMOC
Draft Final Report

May 2022

Optional City Council Presentation



GSI Background

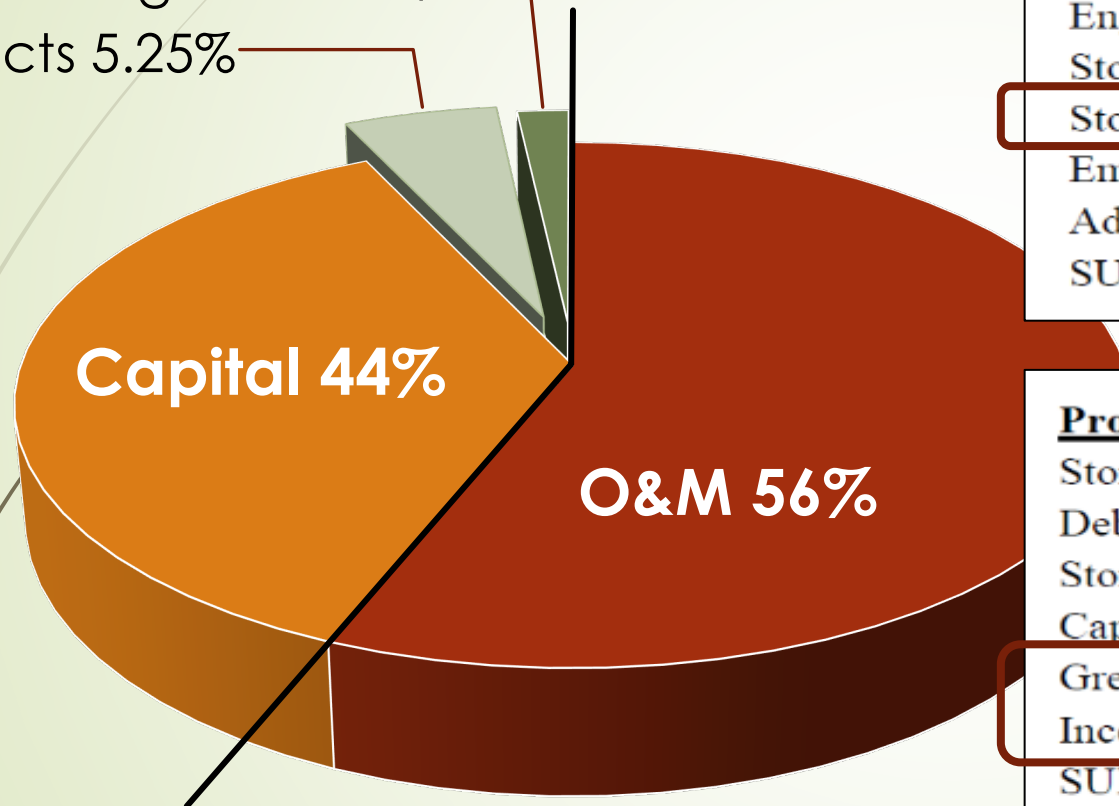
- Documents
 - NPDES Permit – Required GSI Plan
 - GSI Plan (2019)
 - Woodard-Curran Analysis (2019)

- Stormwater Management Fund (SWMF)
 - Blue Ribbon Committee (2016)
 - Ballot Measure (2017)
 - SWMOC (2017)

Existing funding capacity

4

Innovative Programs 1.75%
 GSI Projects 5.25%



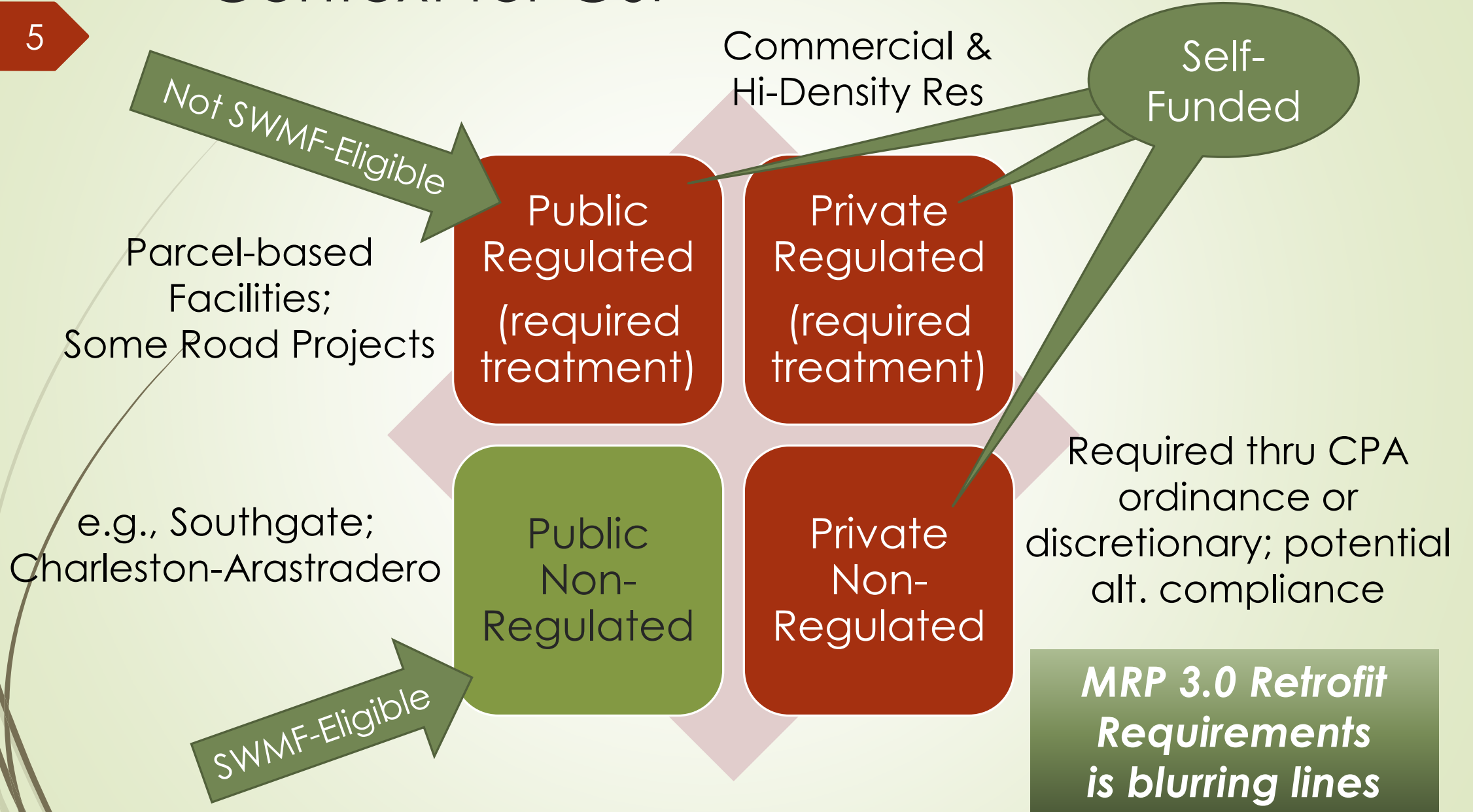
■ O&M ■ Cap ■ GSI ■ IP

<u>Base Component</u>	
Floodplain Management	\$ 101,000
Engineering	\$ 255,000
Storm Water Quality Protection	\$1,135,000
Storm Drain System Maintenance	\$1,293,000
Emergency Response	\$ 119,000
Administrative Support	\$1,112,000
SUBTOTAL	\$4,015,000

<u>Projects and Infrastructure Component</u>	
Storm Drain Capital Improvements	\$1,104,000
Debt Service for Past Capital Projects	\$ 947,000
Storm Drain System Repairs	\$ 400,000
Capital Program Engineering Support	\$ 177,000
Green Storm Water Infrastructure Projects	\$ 375,000
Incentive Projects	\$ 125,000
SUBTOTAL	\$3,128,000
TOTAL PROPOSED BUDGET	\$7,143,000

Context for GSI

5



Starting Point // Woodard-Curran Analysis



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- Thorough List of Options
 - Descriptions
 - Pros & Cons
 - Applicability for Palo Alto



Fees, Sites, and Credits: Alternative Stormwater Compliance in San Francisco

Katie Pilat, Lotus Water
Sarah Minick, SFPUC
October 16, 2018

Paying for Water Quality Improvements and Resilience in the Great Lakes

Focus on Green Stormwater Infras

AUTHORS

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Environmental Policy Inst

Stormwater Report

Funding and More from the Water Environment Federation

- [Home](#)
- [The Report](#)
- [News by Topic](#)
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December 2, 2015 | [8 Comments](#)

The Real Cost of Green Infrastructure

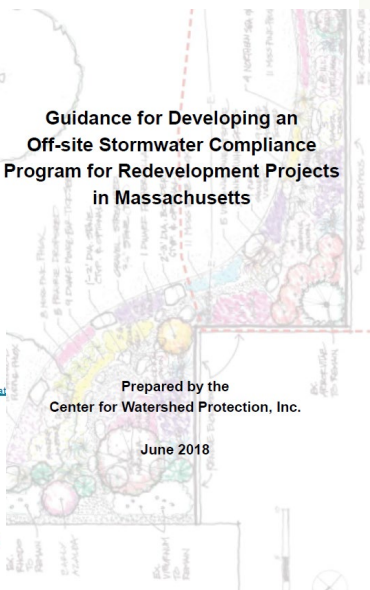


Data from hundreds of built projects across the U.S. — such as Brandon Park in Lancaster, Pa. pictured here — provide insights into how communities can reduce green infrastructure costs and plan more effectively for long-term operations and maintenance. *Image by CH2M*

Guidance for Developing an Off-site Stormwater Compliance Program for Redevelopment Projects in Massachusetts

Prepared by the
Center for Watershed Protection, Inc.

June 2018



7

Literature Review

- 26 Separate Documents
 - Case Studies
 - Reports
 - Articles
 - Presentations
- Keyed Into Agenda Items
 - 1. Overview
 - 2. New Money
 - 3. Development Funding
 - 4. Leveraging Existing Resources
 - 5. Other Strategies

Recommended Action Plan

- Spoiler Alert..!!!
 - No magic solutions
 - New money is longshot
 - Most simply help stretch existing resources
 - O&M Funding still scarce
- Three priority levels
- Some are already ongoing
- Near- and Long-Term Actions

Approach	Proactive	Opportunistic	Discard for now
Co-Benefit CIP Projects	■		
Rebate Program	■		
Strategic Partnerships	■		
Maintenance Manual	■		
Confirm Regulatory Fees	■		
Grants		■	
Alternate Compliance		■	
Other Partnerships		■	
Assessment Districts		■	
Impact Fee			■
P3 / Pay-for-Performance			■
Green Bond Financing			■

9

PROACTIVE APPROACHES

Co-Benefit Projects
Incentive Programs
Strategic
Partnerships
Operations Manual
Regulatory Fees

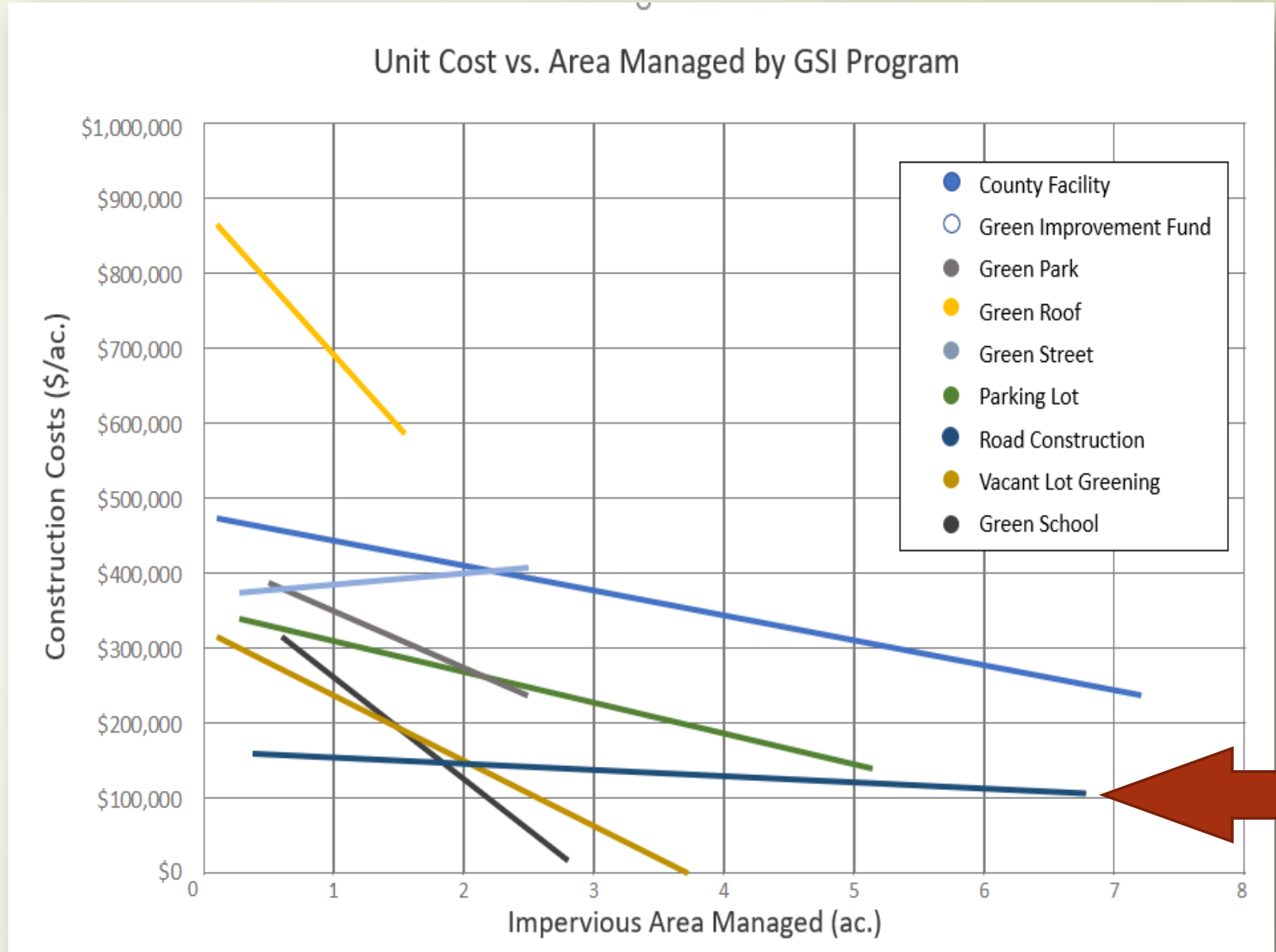
Co-Benefits with Other CIP Projects

10

- Integration of GSI with other Capital Projects
- Pros
 - Least expensive method
 - Already in place
- Cons
 - Does not pay for O&M
- **Actions**
 - ***Include GSI and O&M managers in planning***
 - ***Consider 24-month plant establishment period to kick-start O&M***
 - ***Conduct post-project audit to aid future planning and O&M practices***

GSI Costs

- Study of 127 GSI Projects
- Road Construction is consistently lowest (dark blue)
 - GSI is co-benefit with other road project elements
 - Cost efficiency is greatest
- Green Roof is most costly
 - Treats only the planted area
 - High maintenance costs



Rebate Programs for Private Property

- Modify current rebate program
- Pros
 - Structure already in place
- Cons
 - Existing program not being utilized as hoped
- **Actions**
 - ***Consider rolling-over surplus funds to projects or O&M***
 - ***Consider engaging a non-profit entity to manage program and enhance public participation***

Strategic Partner Program

- Partnerships with non-profit entities and other potential volunteer groups to accomplish GSI goals
- Pros
 - Access to
 - Volunteer and other community groups to work on GSI goals
 - Collaborative grant efforts
 - Entities can manage programs sometime using volunteer workforce
 - Expand and promote public awareness for GSI
 - Cost-effective
- Cons
 - May require contract costs and management
- **Actions**
 - ***Choose a pilot program (e.g., Southgate GSI assessment)***
 - ***Consider expanding to other programs (e.g., Rebate Program, “adopt a rain garden”, etc.)***

GSI Operations Manual

- Manual promised in GSI Plan (2019); is now underway
- **Actions**
 - ***Include SOPs for either in-house or contractor implementation***
 - ***Include draft specifications for bidding***
 - ***Include life-cycle requirements (and cost estimates)***
 - ***Include monitoring and reporting requirements***

Confirm Regulatory Fees

➤ Actions

- *Evaluate Master Fee Schedule for GSI-related fees*
- *Confirm full cost recovery*
- *Confirm that fee revenue is allocated appropriately within the SWMF*

[NOTE: there is no indication of current deficiencies]

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OPPORTUNISTIC APPROACHES

Grants

Alternate
Compliance

Other Partnerships

Assessment Districts

Grants

- Secure grant funding for various projects
- Pros
 - Supplemental funding for projects
 - Matching fund requirements can be met with SWMF
 - Non-profit entities are valuable partners in finding / securing grants
- Cons
 - Grant writing and management require specialty resources
 - Competitive environment – results not guaranteed
 - Grant objectives do not always align with City projects
 - Does not fund O&M
- **Actions**
 - ***Seek out grant opportunities - possibly through strategic partnerships***
 - ***Coordinate GSI projects with grant programs***

Alternate Compliance

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- Developer to build GSI off-site or contribute funding
- Pros
 - City can require a 2-to-1 match ratio (or 1.5 -to-1)
 - Should include ≥ 30 -year life-cycle cost payment
 - Consider cash-in-lieu on a case-by-case basis to allow more flexibility for implementation
- Cons
 - Opportunities may be scarce
 - Need potential sites / shovel-ready projects
 - Timing may not be opportune
 - Long-term management of program
- **Actions**
 - ***Monitor other agencies' use of Alternate Compliance***
 - ***Develop guidelines***
 - ***Develop list of candidate sites***

Other Partnerships

- Join forces with other public agencies to extend reach of City GSI program and realize efficiencies
- Pros
 - Sharing resources can lower costs or open more opportunities
 - Opportunities for more public exposure & awareness
- Cons
 - Beneficial opportunities may be scarce
 - Matching priorities, timing & funding may be difficult
- **Actions**
 - ***Confer with SCVURPPP and neighboring agencies about opportunities***

Assessment Districts

- Self-funding zones approved by local property owners for specified services or improvements
- Pros
 - Can be limited to GSI or can extend to multiple services
 - Works best in neighborhood setting
 - Well suited for O&M
- Cons
 - Requires 50%+ vote of property owners
 - Difficult to match the right locale and services
 - Set-up and administrative requirements can be costly
- **Actions**
 - ***Develop list of potential neighborhoods and services / improvements***

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SET ASIDE FOR NOW

Development
Impact Fee

P3 or Pay-for-
Performance

Green Bond
Financing

Approaches Not Feasible (mostly)

- ▶ Development Impact Fee
 - ▶ Growth in traffic leads to growth in road-borne pollution
 - ▶ Develop fee to fund road-based GSI
 - ▶ **Not been done before**
- ▶ Public-Private Partnership (P3) or Pay-for-Performance
 - ▶ Contract with private team for design, build, finance & maintain
 - ▶ **Not practical for small-scale programs**
- ▶ Green Bond Financing
 - ▶ Some bond pools favor “green” projects – possible better interest rates
 - ▶ **City cannot use long-term financing with sunset provision on SWMF-Projects**

Action Plan Timeline

- First 6 months
 - Begin including GSI and O&M managers in CIP planning meetings
 - Explore CIP contract provisions for 24-month plant establishment care
 - Consider modifications to Rebate Program (e.g., transfer surplus funds to projects or O&M, hand management over to non-profit, etc.)
 - Consider pilot Strategic Partnerships with non-profit or other community entity
 - Maintenance Manual – consider incorporation of additional elements

Action Plan Timeline (continued)

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- Next 12 months
 - For CIP projects, conduct post-construction audit of GSI costs and efficacy
 - Implement modifications to Rebate Program
 - Review regulatory fees, verify cost recovery and revenue assignment
 - Explore grant opportunities and identify grant-writing resource
 - Alternate compliance – monitor programs of neighboring agencies
 - ‘Explore other partnership opportunities
 - Identify potential Assessment District zones

Action Plan Timeline (continued)

- Beyond
 - Continue GSI planning and post-project audits for CIP projects
 - Apply for grants as applicable
 - Develop project candidate list for alternate compliance
 - Develop guidelines for alternate compliance implementation

Budget Implications



Longer Plant Establishment period on GSI projects will require additional funding (project cost)



Strategic partnerships may involve contract costs

Good return on investment possible



Maintenance Manual modifications may require additional costs



Outsourced grant-writer would be additional cost

Maintenance Funding Challenge

- O&M funding not singled out in SWMF process
- Growing inventory of GSI is becoming budget burden
 - Will continue to grow
- Large portion of current costs are borne by General Fund
- Can Expenditure Plan be modified to carve out O&M niche..??
 - Legal constraints – promise to voters
 - Future projects to include O&M funding
 - Limited SWMF resources already

Base Component

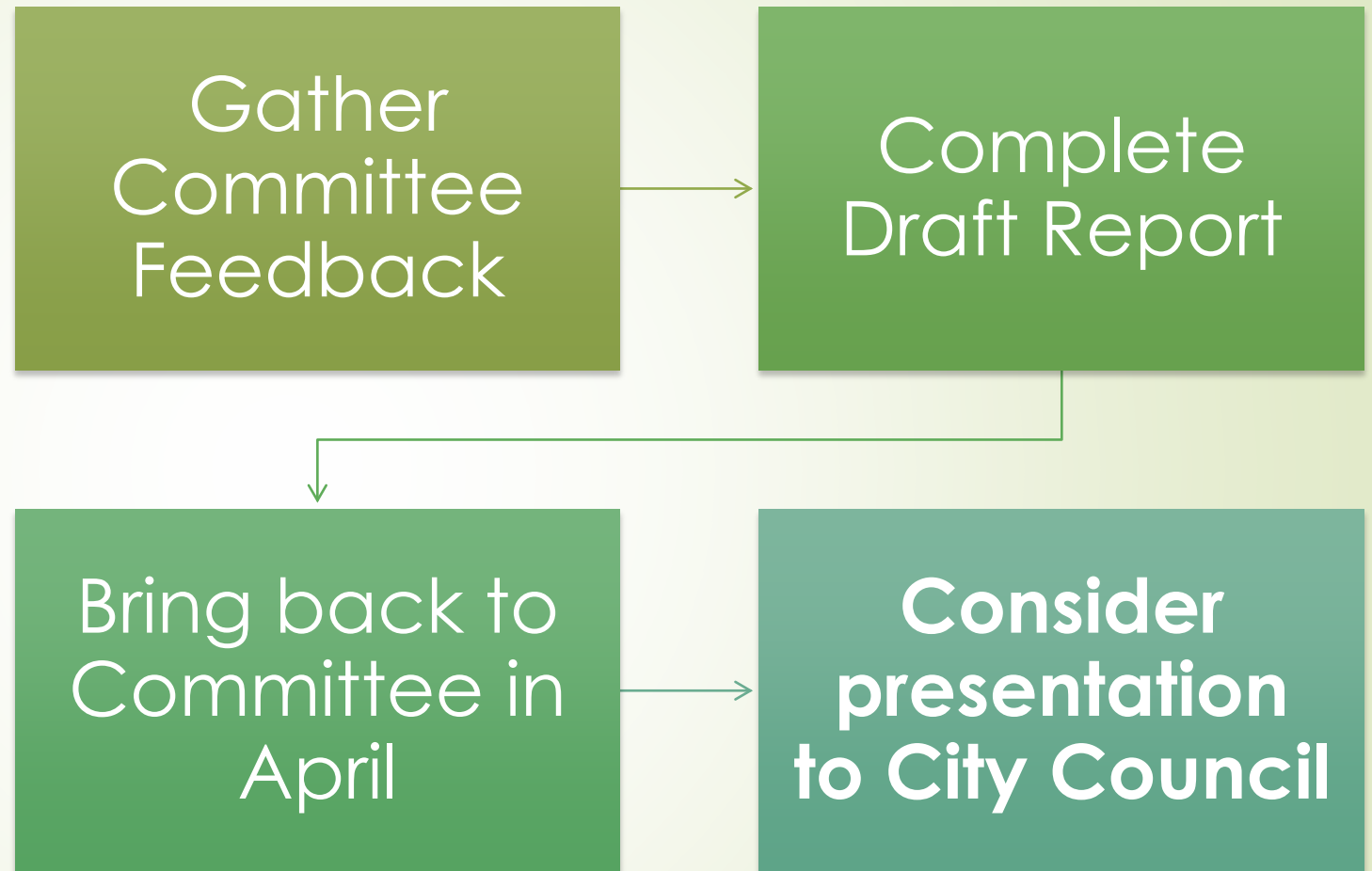
Floodplain Management	\$ 101,000
Engineering	\$ 255,000
Storm Water Quality Protection	\$1,135,000
Storm Drain System Maintenance	\$1,293,000
Emergency Response	\$ 119,000
Administrative Support	<u>\$1,112,000</u>
SUBTOTAL	\$4,015,000

Projects and Infrastructure Component

Storm Drain Capital Improvements	\$1,104,000
Debt Service for Past Capital Projects	\$ 947,000
Storm Drain System Repairs	\$ 400,000
Capital Program Engineering Support	\$ 177,000
Green Storm Water Infrastructure Projects	\$ 375,000
Incentive Projects	<u>\$ 125,000</u>
SUBTOTAL	\$3,128,000

TOTAL PROPOSED BUDGET \$7,143,000

Next Steps



FY 2022 SWMOC Workplan

Stormwater Management Oversight Committee (SWMOC)							
Purpose: The Stormwater Management Oversight Committee reviews the projects, programs and expenditures that are funded by the Stormwater Management Fees including proposed stormwater management capital improvements and confirms their conformity to the 2017 ballot measure.							
Approved Projects, Priorities, & Goals	Project, Priority, or Goal	Benefit, if completed	Mandate by State or Local Law and approved by City Council?	Policy Update as Directed by the City Council?	Timeline for Completion	Resources Needed	Measure of Success
	Track and monitor 2017 Ballot Measure, which covers 13 Capital Projects. This workplan focuses on 3 projects and 1 completed project.	Reduced ponding and flooding	Y	Y	2032	Staff support	Completion of projects
	Environmental protection and sustainability including regulatory and compliance goals.	Regulatory compliance in alignment with the City's policy on sustainability	Y	Y	Ongoing	Staff support	Meeting sustainability goals and compliance with stormwater regulations
	Track and monitor implementation of Green Stormwater Infrastructure (GSI) Plan.	Improved water quality and environmental enhancement	Y	Y	Ongoing	Staff support, Sub-committee for financing GSI	Increased acreage of stormwater treated through GSI features
Prioritize Projects, Priorities, & Goals	Name of Project, Priority, or Goal	Priority 1: Urgent (within 6 months)	Priority 2: High (within the year)	Priority 3: Medium (within 2 years)	Priority 4: Low (beyond 2 years)		
	Track and monitor 2017 Ballot Measure, which covers 13 Capital Projects. This workplan focuses on 3 projects and 1 completed project.	Review completed design for 3 proposed projects to be constructed within the next 3 years.	Track and monitor construction progress on Corporation Way System Upgrades & Pump Station (SD-21000).	Track and monitor construction progress on W Bayshore Road Pump Station (SD-20000).	Track and monitor construction progress on W Bayshore Road Trunk Line Improvements (SD-23000).		
	Environmental protection and sustainability including regulatory and compliance goals.	1) Committee reviews proposed Stormwater Permit and comments as needed. 2) Continue to promote stormwater rebate program (including rain barrels). 3) Communications and outreach.	1) Review action plan to meet regulatory requirements for trash reduction and review plans for the Embarcadero Trash Capture Project. 2) Where possible, consider emerging residential and commercial stormwater management technologies and techniques. 3) Provide opportunities for individual committee members to surface emerging issues.	Review the changes to the stormwater ordinance to reflect updated Municipal Stormwater Permit requirements.	Review trash reduction actions formulated by action plan.		
	Track and monitor implementation of Green Stormwater Infrastructure (GSI) Plan.	1) Review Greening Parking Lots Project. 2) Continue Southgate Greening Project. 3) Support completion of GSI at Bike Bridge Project.	1) Review GSI feature at Hopkins near Rinconada Park. 2) Review EPA grant-funded Greening Parking Lots Project with staff.	1) Review and comment on tool to measure impervious surface throughout City. 2) Review and comment on GSI specifications. 3) Support the Greening Parking Lots Project.	Review GSI Maintenance and Monitoring Manual.		