



## Top 10 Things to Consider When Instituting a Stormwater Utility

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## Localized Flooding







## So, you want to institute a Stormwater Utility?

Why?



## So, you want to institute a Stormwater Utility? What is a Stormwater Utility?



## So, you want to institute a Stormwater Utility? What is a Stormwater Utility?

A legal mechanism, whereby revenue can be generated through user fees in order to pay for the capital, operational and maintenance costs of a stormwater conveyance system.



## So, you want to institute a Stormwater Utility? What is a Stormwater Utility?

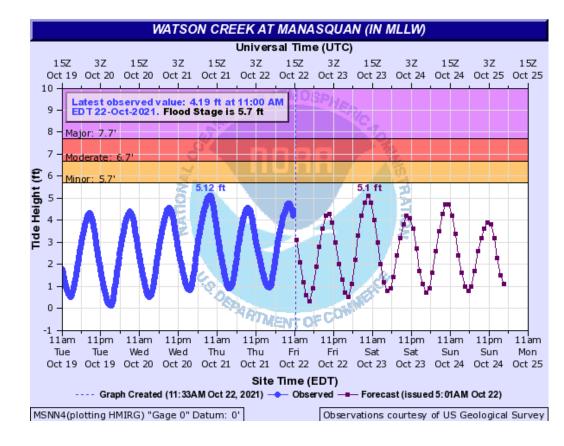
Viewing your stormwater conveyance system as something to be actively managed, rather than passively assumed.



What does success look like in stormwater management?



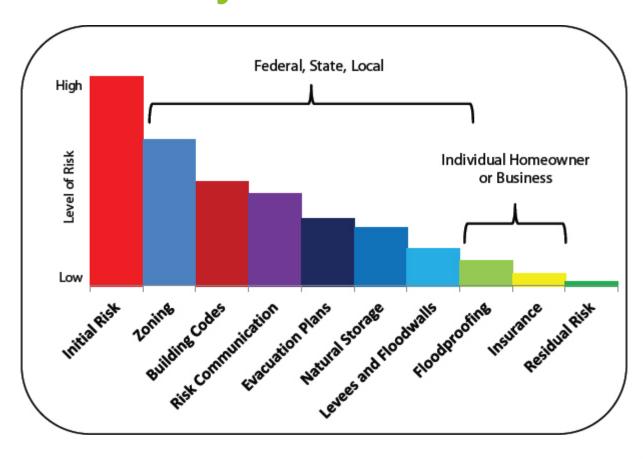


















## When is safe, safe enough?

What's reasonable in terms of flood risk reduction?



### Top 10 Things....Disclaimer!

I'm not a "Municipal Advisor" nor an attorney and the following presentation is provided for information only.

Should you want to pursue a stormwater utility for your municipality, you're advised to retain the services of an attorney and/or municipal advisor in implementing the stormwater utility for your location.



## Top 10 Things to Consider When Instituting a Stormwater Utility



Understand your existing revenue and expenditures





Understand your existing revenue and expenditures

Are previous funding sources likely to continue?





Understand your existing revenue and expenditures

What operational practices aren't providing much benefit?





Understand your existing revenue and expenditures

Review previous stormwater masterplans. What did they recommend?





Understand your existing revenue and expenditures

Talk to <u>real</u> people in the community. Which projects have provided <u>real</u> benefit in the past?





Masterplan your future needs





Masterplan your future needs



What projects are necessary in the future (regardless of cost)?



Masterplan your future needs



Have you modelled your stormwater system?

Do you know where the hotspots are?



Masterplan your future needs

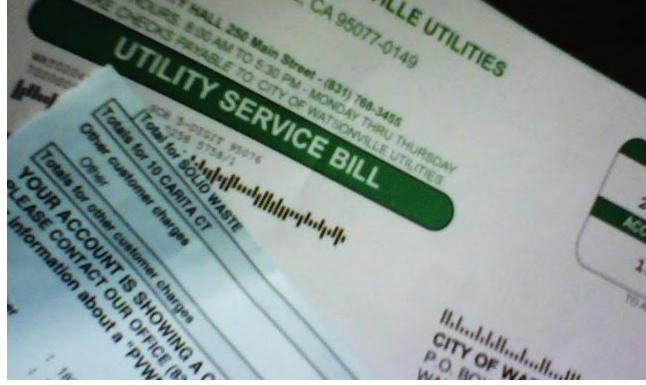


Other upcoming CIP projects?



8. Understand your options for setting

utility rates



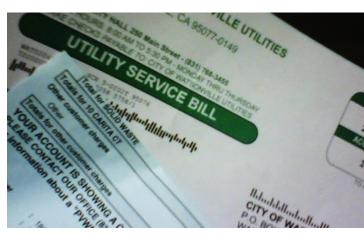
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# 8. Understand your options for setting utility rates Flat fee







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## 8. Understand your options for setting

utility rates
ROW frontage







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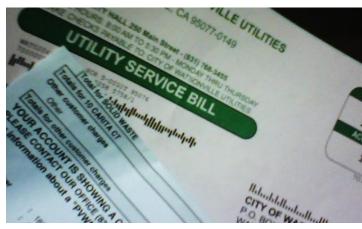


## 8. Understand your options for setting utility rates

#### **Property Size**





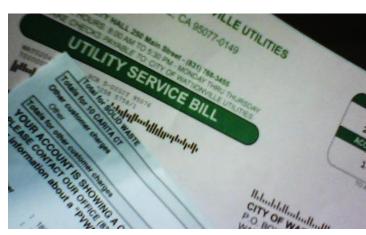


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## 8. Understand your options for setting utility rates Planimetric/Impervious Area





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## 7. Incentivize property owners to do good



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- Raingardens
- Rain barrels
- Permeable Pavement Driveways
- Removal of impervious surface
- Soil Quality Restoration
- ▶ Development Standards?



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## 7. Incentivize property owners to do good



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Keep it Simple!



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#### Outreach early







#### Promote incentives







## Ask them to advocate for adoption







### 5. Emphasize Equity



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# 5. Emphasize Equity

No-one likes to pay too much



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# 5. Emphasize Equity

No-one will tell you if they are paying too little



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What's the purpose of your stormwater utility?

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What's the perceived benefit, to the public?

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Does the community "own"

the need to properly manage its stormwater?





Can you quantify the benefit – e.g., online dashboard?

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Have you budgeted for operation of the stormwater utility?



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Have you budgeted for operation of the stormwater utility?

Regular planimetric surveys?



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Have you budgeted for operation of the stormwater utility?

Program Staff to field incentive payments/credits?



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Have you budgeted for operation of the stormwater utility?

Right-sized BMP incentive program?



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Simplify the program.





Communicate with affected users beforehand.





Bring your City Council along in the process.

They <u>will</u> get contacted by property owners.





# Drum up the incentive component



It's <u>not</u> just a revenue source.



"I want to protect people from getting hurt."



"I want to protect property that people have worked hard to acquire."



"I want emergency services to be able to do their job."



"I want stormwater to be managed properly....with system redundancy."



"I want to live/work in a resilient, vibrant community."



# Recap

- 10. Look back
- 9. Look forward
- 8. Understand your options for setting utility rates
- 7. Incentivize property owners to do good
- 6. Talk to your large property owners

- 5. Emphasize Equity
- 4. Emphasize Resilience
- 3. Make your program sustainable
- 2. Communicate
- 1. Have a clear "why"



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# Questions





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