



Protecting Your Watershed

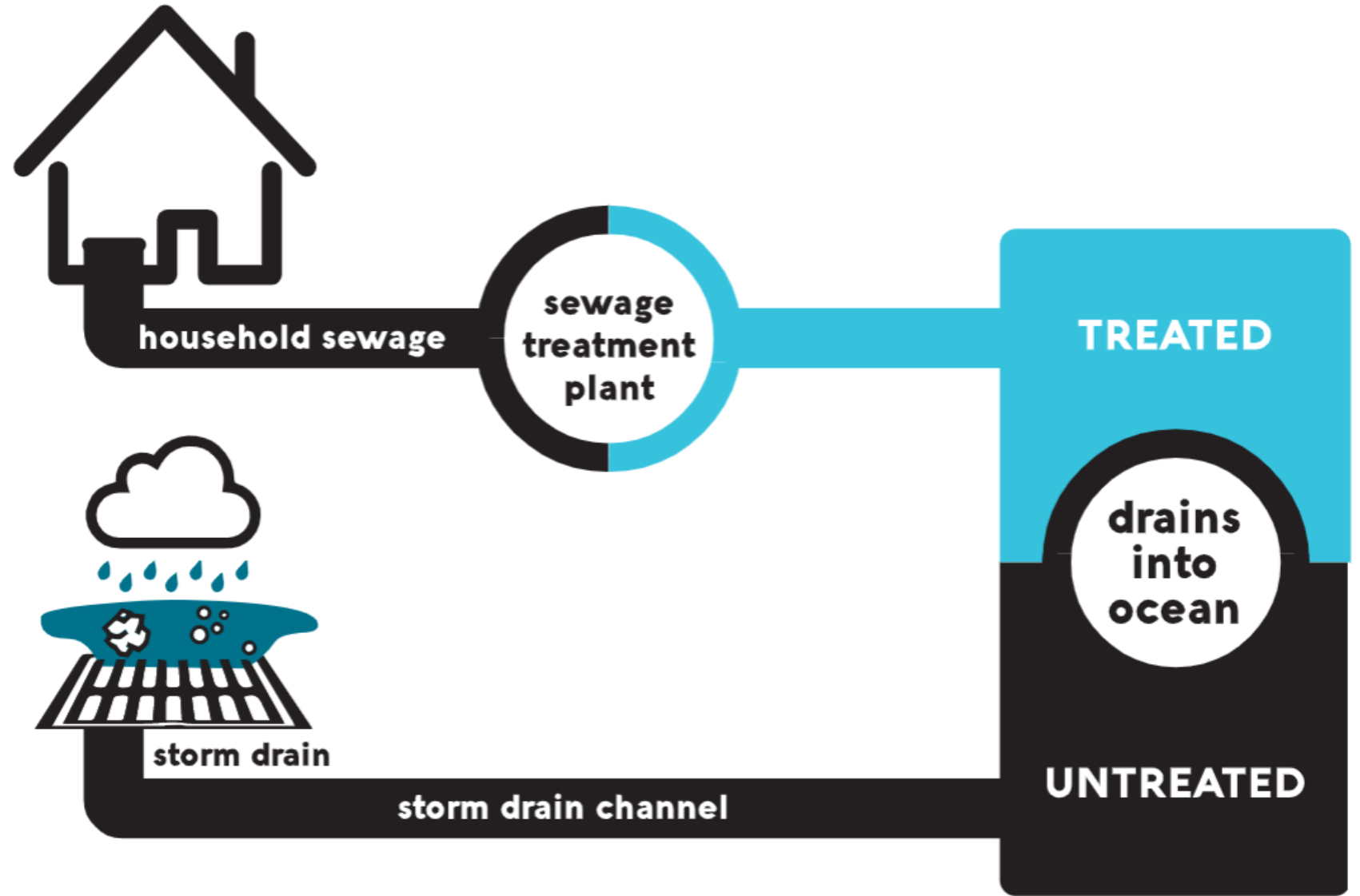
Presented by: Devin Slaven, CPSWQ, OSD/QSP,
Environmental Manager, City of Lake Forest

Presented on behalf of the cities of Aliso Viejo,
Dana Point, Laguna Beach, Laguna Niguel, Laguna
Hills, Laguna Woods, Lake Forest, Mission Viejo,
Rancho Santa Margarita, San Clemente, San Juan
Capistrano, and Unincorporated Orange County

H2O for HOAs Workshop

October 19, 2021

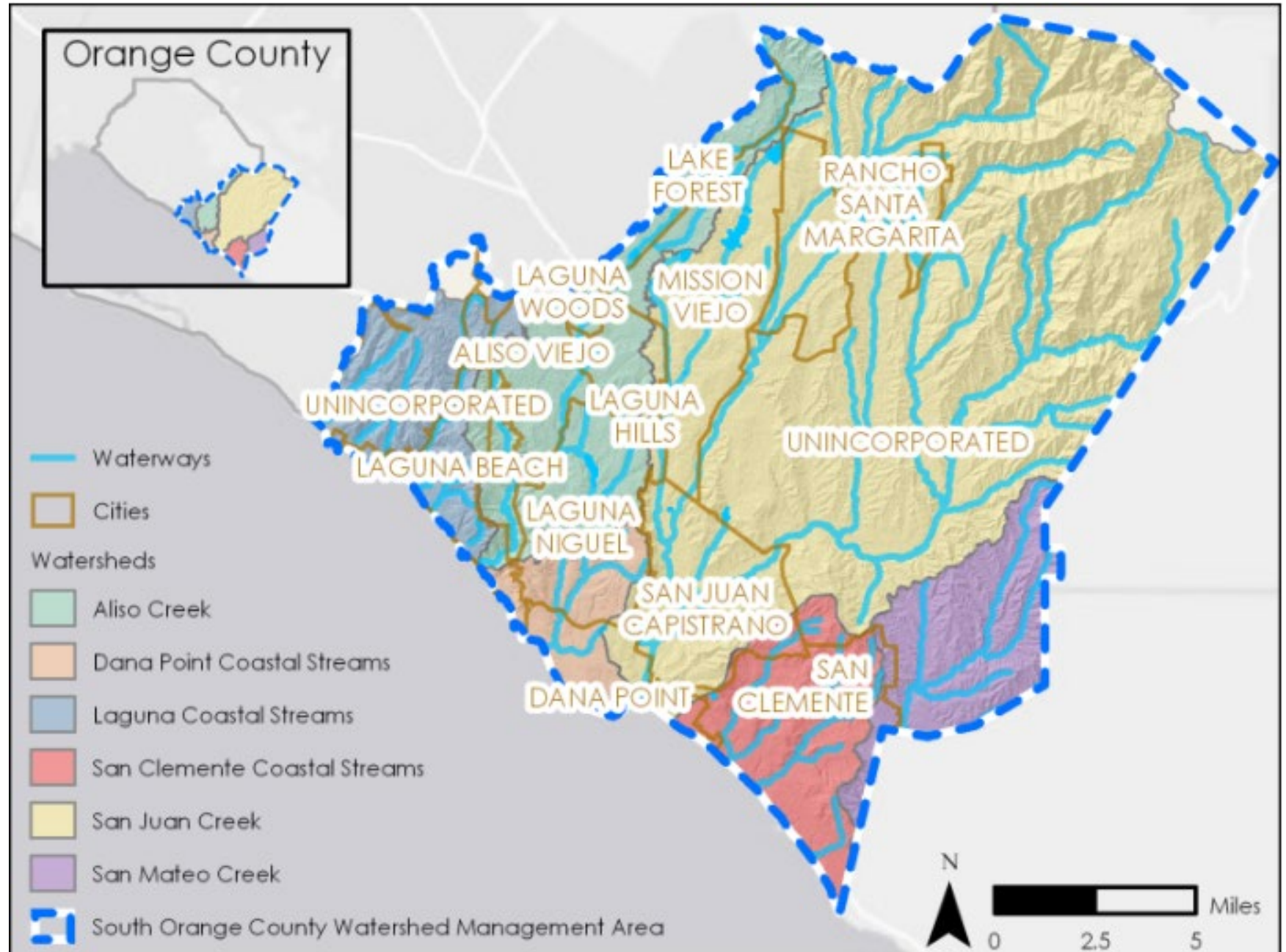
Sewer vs. Storm Drain



South Orange County Watersheds

Use the “Show Me My Watershed” Tool on OC Stormwater website:

<https://h2oc.org/show-me-my-watershed/>





HOA Program

Program Goal

Increase understanding and implementation of BMPs to prevent pollutants from reaching waterways and the Pacific Ocean

How Can HOAs Help?

- HOAs have the power to encourage change.
- Enforcing rules and regulations that are waterwise.
- Implement and maintain correct Best Management Practices for common areas.

Resources: BMP Fact Sheets

Fact sheets posted on the County's H2OC website and each City's website provide more detailed guidance. Visit [H2OC.org](https://www.h2oc.org)

Fact sheets include:

- Pollution prevention
- BMPs
- Training
- References

County Stormwater Program “H2OC”

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Common BMPs for all HOAs

Over-Irrigation Prevention



Problem:

Irrigation runoff is a prohibited discharge

Solutions:

- Reduce outdoor water usage by reducing watering time
- Use a “cycle and soak” schedule
- Use a smart irrigation timer
- Adjust sprinkler heads to only water landscaping
- Replace broken heads and fix leaks
- Routinely monitor system for runoff & make changes as necessary

Landscape Maintenance



Problem:

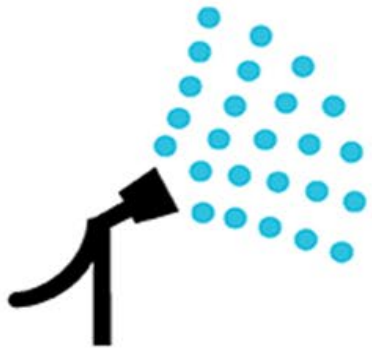
Certain landscape maintenance activities can discharge pollutants to the storm drain system

Solutions:

- Utilize drought and insect resistant landscaping to reduce or eliminate the need for fertilizers & pesticides
- Consider using natural fertilizers & pesticides, when needed
- Remove weeds, which require additional irrigation
- Use mulch & compost in your landscaping to decrease water needs
- Promptly pick up pet waste

Irrigation System Maintenance

SMART IRRIGATION



proper
aim



set a
timer



water at
sunrise



water by
hand



fix
leaks

routinely monitor a full sprinkler cycle to check for runoff & prevent water waste

Street Sweeping



Problem:

Overtime, brake dust, trash and organics build up on our roads, where they can easily wash into our storm drains

Solutions:

- Maintain a consistent sweeping schedule
- Sweep streets at least once per month (recommended minimum)
- Don't flush or hose down streets
- Blowing of debris into streets, gutters and storm drain is prohibited

Training & Education by HOAs

- 1) **Incorporate requirements into contract documents. Your local stormwater program manager can give examples**
- 2) **Train and Retrain Employees & Contractors**
 - BMPs
 - Water Prohibitions and Requirements
 - Chemical Management
- 3) **Educate Residents**
 - Association Newsletter
 - Association Webpage
 - Email blasts or other Mailings

Conclusions

**YOU ARE THE
SOLUTION
TO RUNOFF POLLUTION**



- Countywide stormwater program has been developed to improve water quality
- HOA maintenance activities **IMPACT** our water quality
- HOAs can prevent watershed pollution through BMPs
- BMP fact sheets provide guidance
- YOU are the solution to pollution!

City Contacts

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THANK YOU

Thank you for attending and learning how you can help!