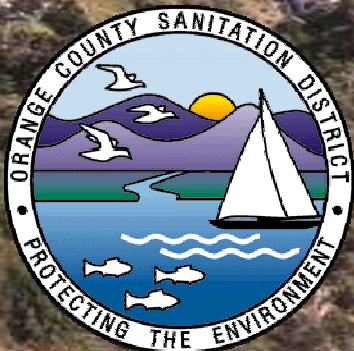
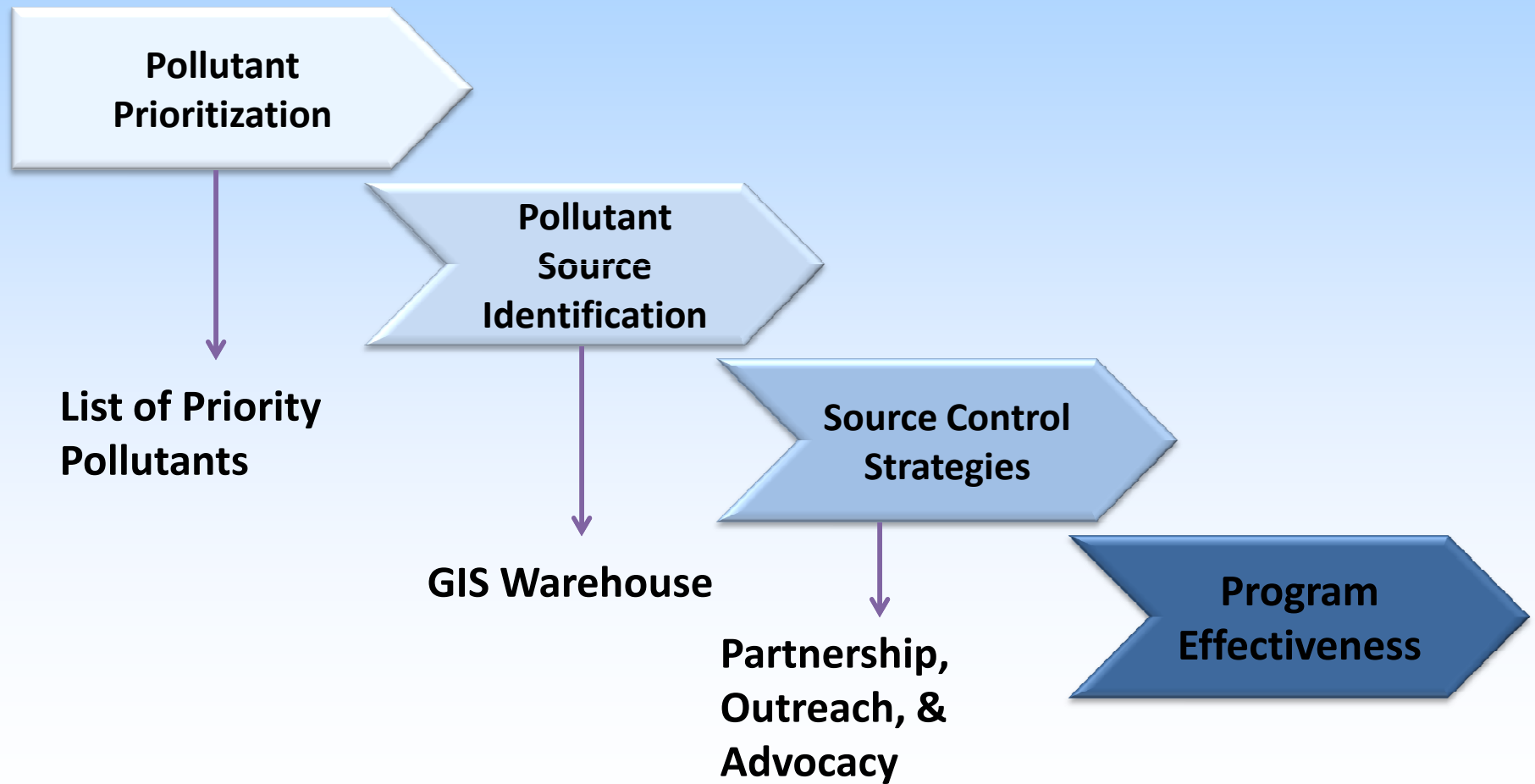


Source Control Strategies for Emerging Pollutants of Concern



**Division 640, Source Control
Orange County Sanitation District, California**

Source Control Approach to Emerging Pollutants of Concern



Source Control Strategies



Public and Private Partnership



Target Source Control
Outreach



Legislative Advocacy/Establish
Legal Authority

Public and Private Partnership

Countywide Pollution Prevention Partnership Program (C4P) – In Development

OCSD 25 Member Agencies

Cost Savings

Public and Private Partnership

Adopt Resolution for Support

Media Outlets and Outreach Material (free)

- Utility Bill
- PSA
- Public Facilities – Libraries, City Hall etc...
- Articles

Notice of Intent to Participate



Public and Private Partnership



Workgroup Meetings

Web Based Communication

Web Based Communication



Community Pollution Prevention Partnership Program (C4P)

Community Pollution Prevention Partnership Program (C4P)

View All Site Content

Materials Deployment

- Announcements
- Outreach Materials
- Product Acceptance
- Ordering
- Reporting
- Production
- Final Communication

Collaboration Tools

- City Contacts
- OCSD Contacts
- Site FAQ
- Event Requests
- Event Calendar

Discussions

- New Program
- New Product

 **Recycle Bin**

Content Editor Web Part

C4P PROGRAM

C4P is Source Control's new Countywide Pollution Prevention Partnership Program. This partnership was solidified on March 28, 2008 when OCSD's Board of Directors adopted Resolution 08-02 that supports an Enhanced Source Control Program to reduce emerging pollutants of concern. Source control of emerging pollutants of concern from nonindustrial sources will be accomplished primarily through countywide public education, targeting residential and commercial entities within OCSD's service area. Many people are not well informed about the water quality impacts that can result from certain everyday behavioral practices, such as flushing unused medicines down the toilet, pouring volatile chemicals down the sink, or by applying excessive amounts of fertilizers to their lawns and gardens.



OCSD's close involvement and support with individual citizens and businesses are absolutely essential in controlling pollutants of concern, since nonindustrial water pollution commonly originates from their combined activities of improperly disposing harmful pollutants into the sewer system. Unlike source control of industrial facilities where permits are issued to regulate dischargers, implementation of a source control program for domestic and commercial sources may be implemented through a voluntary pollution prevention outreach program designed to change improper waste disposal practices. OCSD has partnered with its 25 member agencies to disseminate outreach materials provided by OCSD using their existing media outlets. Focused outreach materials will support various Nonindustrial Source Control Programs including Pharmaceutical, Emerging Pollutants of Concern (support GWR System), Fats, Oils, and Grease; and Urban Runoff/Nonpoint Source Pollution.

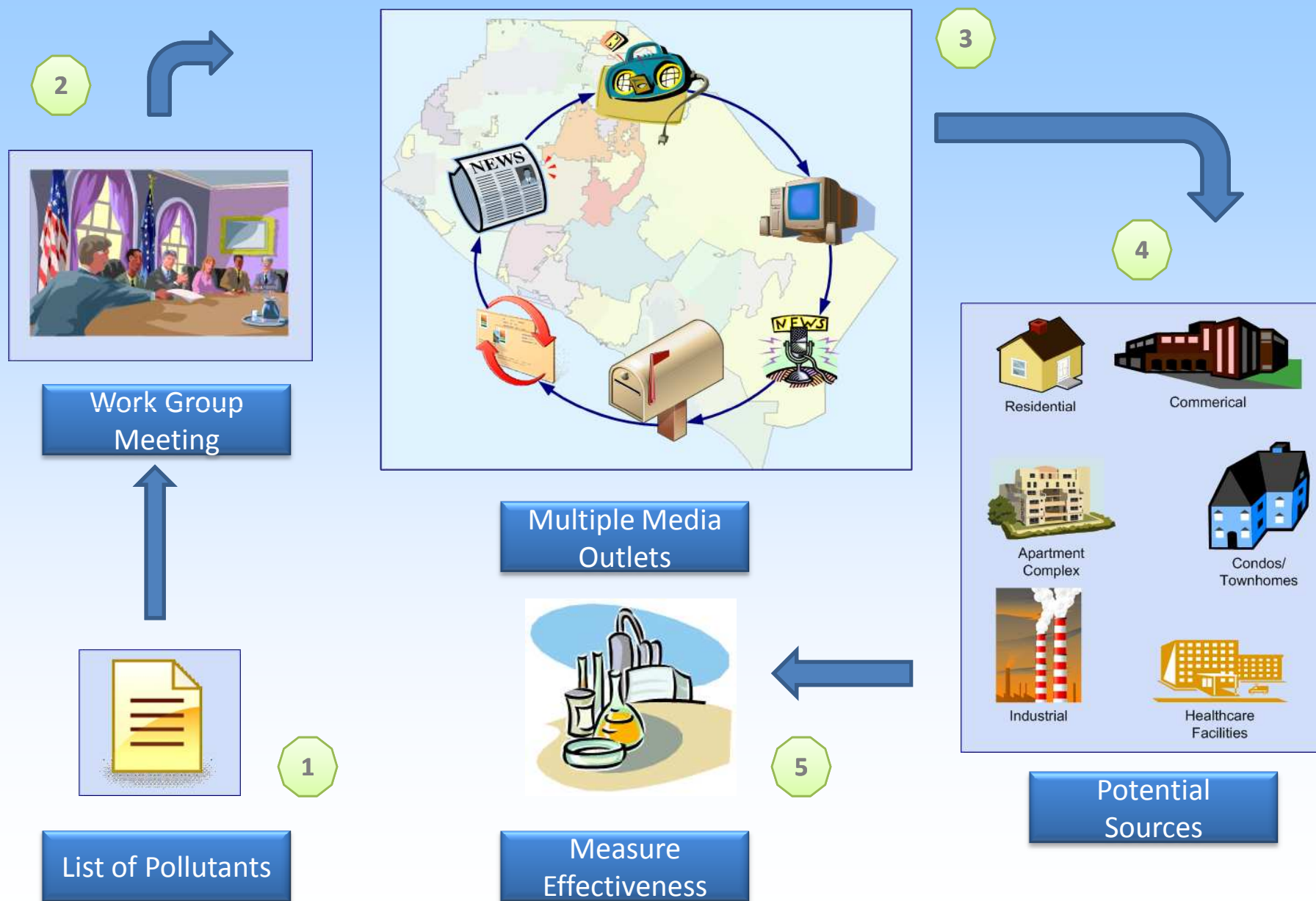
Microsoft Windows SharePoint Services

Links

- OCSD
- City of Anaheim
- Buena Park
- Cypress
- Newport Beach

 Add new link

C4P Flow Chart



Targeted Source Control Outreach



Residential

General Residential Outreach

CAD Programs

**NO DRUGS
DOWN THE DRAIN**

**UNUSED MEDICINE
THAT IS PUT IN
DRAINS OR FLUSHED DOWN THE
TOILET POLLUTES THE ENVIRONMENT.**
Please take medication as
prescribed and dispose of unused
portions properly.

www.NoDrugsDownTheDrain.org

DISPOSAL INSTRUCTIONS:

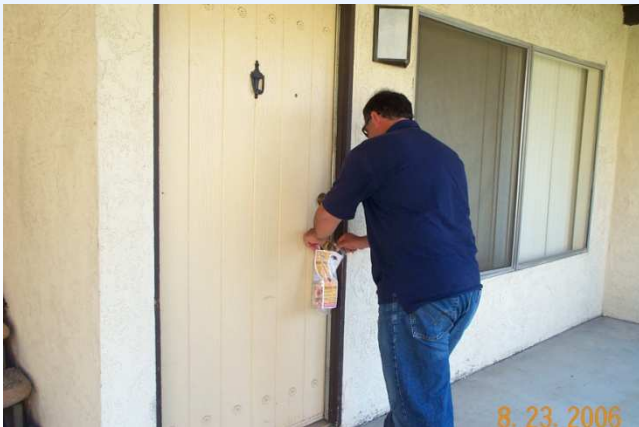
- 1 Crush unused medication, mix with undesirable material (coffee grinds, dirt, etc.) and put it into the trash in securely sealed container where children and animals can't reach them, **or**
- 2 Taken to a household hazardous waste collection center or event (no controlled substances allowed).

In case of overdose or accidental poisoning, call the poison center at 1-800-222-1222

Household Hazardous
Waste: Cleaners,
Degreasers,
Pesticides

Specific Residential Outreach

Fats, Oils, and Grease

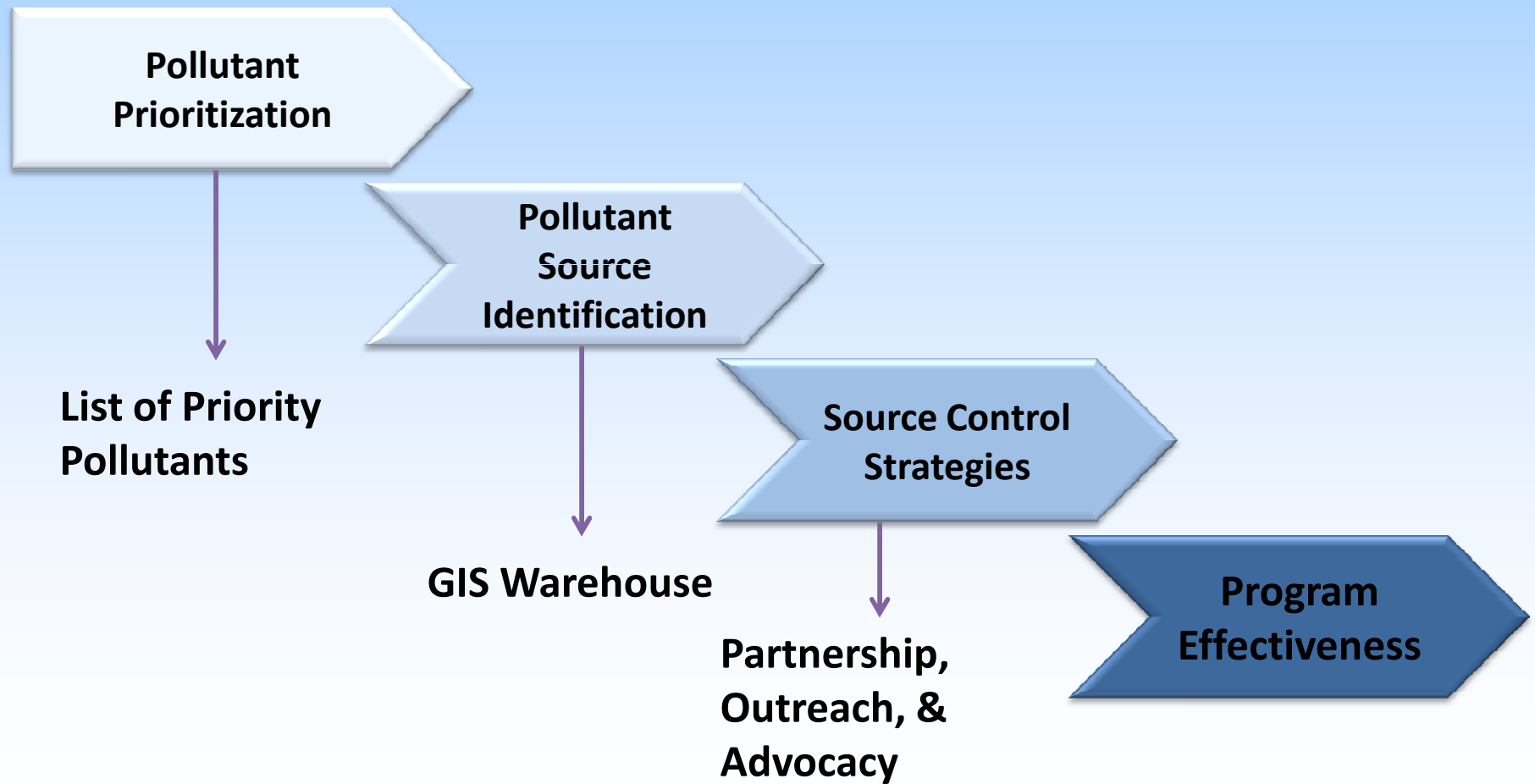


Legislative Advocacy / Establish Legal Authority

Work with Representatives – Product Ban

Wastewater Discharge Ordinance -
Permit/Certification – Non Industrial Dischargers

Source Control Approach to Emerging Pollutants of Concern



Program Effectiveness Measure

Qualitative Measures

- Target Surveys
- Technical Assistance Center – Monitoring Calls
- Impression

Quantitative Measures

- Influent Water Quality Sampling

Recap

Multiple Source Control Strategies

Proactive Outreach

Program Effectiveness

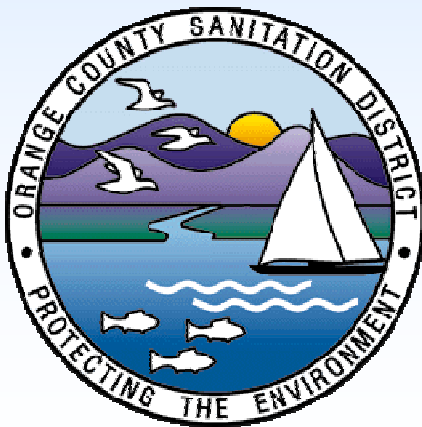
Questions?

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