

MOST IMPORTANT NEAR TERM ACTIONS
SUMMARY OF “3 MINUTE” “3 THINGS TO DO” PRESENTATIONS
From November 24, 2008 Workshop

Points raised are grouped by subject.

Interest group raising is noted by the following: ENV (environmental group representative), MUN (City, County or County Sanitation Districts representative), REG (Regulator representative), SCI (Scientific Expertise representative). Note that there were more MUN speakers than others.

PRIORITIZATION – WHERE AND WHAT?

- Focus on Real Health (Pathogen) Risks (MUN, MUN, MUN, ENV, SCI, SCI)
- Risk management is huge – start by talking to the health officers – critical to focus on efforts that are a risk to human health (MUN)
- Prioritize SSO Source Control Efforts (MUN) (MUN)
 - The CIWQS data is coming in, so start using it
 - Spills are real contributions of pathogen loadings to River – this should be top priority
- While it is difficult to single out one area of the river as being more important than another, the highest loads appear to be coming from the downtown area within **Reach Two**. It would be best to focus on these areas of high density, especially if human markers were found. (ENV)
- Reach 2 (REG, MUN, ENV)
- Be idealistic – not just practical in choices – really try to bring back the River (ENV)
- Pursue cost-effective strategies, appropriate resource allocation (MUN, SCI)
- Put more emphasis on conservation and dry weather (MUN)
- Look for multiple benefits – not just stormwater quality (MUN)
- Balance pursuit of storm drains and systemwide issues (REG)

SSO’s, LEAKING SEWER LINES, AND DIVERSIONS

- Define difference between a sanitary sewer overflow (SSO) to receiving water and an SSO captured in the storm drain system. (MUN)
- Consider pending changes to the 1986 EPA Bacteriological Ambient Water Quality Criteria for Marine and Fresh Recreational Waters. (MUN)
- Dry weather run-off diversions to Sanitation Districts’ WRPs will be considered on a case-by-case basis, as currently regulated by the Districts’ Industrial Waste Section (permitting, fees, etc.) (MUN)
- Focus on Real Health (Pathogen) Risks (MUN)
 - SSO Phone Reporting is for Emergencies
 - The State has CIWQS for “compliance”
- One RESPONSIBLE agency should process SSO report calls (MUN)
- Divert to sewer – but there are limits (MUN)
- Aging Infrastructure Identify sewer lines that are leaking, look at sewer lines by age to determine if older lines are leaking (REG, MUN)

- Time of sale investigation of private sewer lines from home to street (REG, MUN)
- Pathogen Analyses are (hopefully) coming (MUN)
 - In nutrient rich waters, bacteria do what comes naturally
 - Corrective measures may have > impact than problem

IMPLEMENT LID, REDUCE NUISANCE FLOWS

- Pass a LID ordinance (MUN)
- Infiltration – important but results are long term, (SCI)
- Increase the number of LID projects to increase infiltration. (ENV, ENV)
- Look at opportunities in the public right of way (ENV)
- Must reduce nuisance flows (MUN)
- Real time shut-down of flows, sources, pipes (MUN)

ENFORCEMENT

- Identify sources/uses that aren't legal and get rid of them. (MUN, ENV)
- Further actions that would help address dry weather bacteria would be to enforce or have better enforcement of illegal dry weather discharges (MUN)

TREATMENT AND REUSE

- Source Control and distributed BMPs (MUN)
- In channel treatment - Arroyo Seco example - parallel to river - wetlands treatment adjacent (SCI)
- Consider dilution - 20 cfs of water (SCI)
- Create a 1000 foot buffer – also longer term results. (SCI)
- Use stormwater for dry weather irrigation, even consider pumping from river, treating and reusing (MUN)

MONITORING AND STUDIES NEEDED

- Quantify effect of cleaning up storm drains – do this now (REG)
- Look at the natural areas – do they act to minimize bacteria pollutants (ENV)
- Need new indicators for fresh water areas so that indicators really indicate human health risk (MUN)
- Acknowledge deficiencies in indicators (SCI) tiered uses where ingestion is most likely, TMDL should adopt to new science
- Regrowth needs to be better understood (MUN)
- Understand bacteria loadings better in other reaches such as Reach 1 and also 6 (MUN, MUN)
- Do more studies of uncharacterized sources (REG)

PROCESS

- Need better partnerships between municipalities and all stakeholders and especially between municipalities, county and sanitation districts (MUN)
- Streamline reporting (MUN)