

The World Of Stormwater Runoff Management

We Live in a World of Acronyms

KCD
NPDES
AKART
PLA
GSI
FC/WQ
CSP / ORI
SWPPP
ECOSS
RSMP
ECY
BCITR
SWMP
LID
WWHM
SWG
PSSH
PSA
CEC
PIC
SCIP
CB
LSC
WRIA
BMP
WAG
TMDL
NTA
SWMMWW
B-IBI
STORM
ROADMAP
MR #5
KCSWDM
WQS
PSP
IAT
IC/IDDE
EPA

Public Infrastructure

Capital Retrofitting

- Managing aging Infrastructure
- Designing and Building new and replaced
- Inventory mapping and Asset Management

By the numbers:

Unincorporated King County

- * ~ **1,000** public facilities to clean and control stormwater
- * ~ **30,000** catch basins to capture sediment and pollution
- * ~ **3,000** miles of stormwater conveyance to prevent localized flooding



ACRONYMS: SWMMWW – KCSWDM – LID – GSI – WWHM

Private Infrastructure

Asset Management



Inventory

- * ~800 Private facilities to inspect annually
- * ~2,000 Private Flow Control BMPs to regulate

Inspections

Correction
Letters

Technical
Assistance

Enforcement

Pollution Prevention Efforts



Actions

- * Business Inspections
- * Local Source Control Inspections
- * Conveyance Screening
- * Code Enforcement

ACRONYMS: LSC – SPPM – BMPs – SCIP – ORI - CSP

Reaction Efforts

Actions

- * Spill Response Hotline
- * Drainage & Water Quality Complaint Program
- * Source Tracing
- * Sampling
- * Total Maximum Daily Load Requirements
- * Non-Point Source Pollution Identification



Education Efforts

Stormwater Management Program Plan 2016



 **King County**
Department of
Natural Resources and Parks
Water and Land Resources Division

Actions

- * Stormwater Outreach for Municipalities Coordination
- * Grant Funded Campaigns
 - * Drain Rangers
 - * Natural Yard Care
 - * Don't Drip and Drive
 - * Puget Sound Starts Here
- * Public Involvement and Feedback

ACRONYMS: STORM – DDD – PSSH – SWMP – EcoNet - NYC

Collaborative Problem Solving

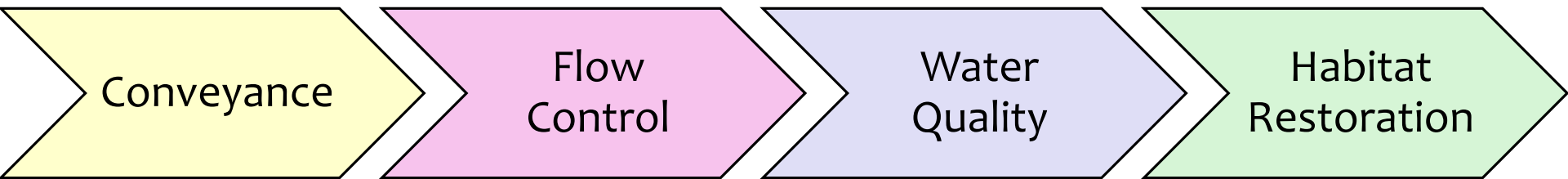
Regional Cooperation

- * Pollution Identification Correction
- * Inter Agency Team
- * 2018 Permit Group
- * Stormwater Workgroup
- * Puget Sound Partnership
- * ROADMAP
- * Building Cities in the Rain



ACRONYMS: WRIA – IAT – SWG – RSMP – PLA – SCIP – PSP - NTA

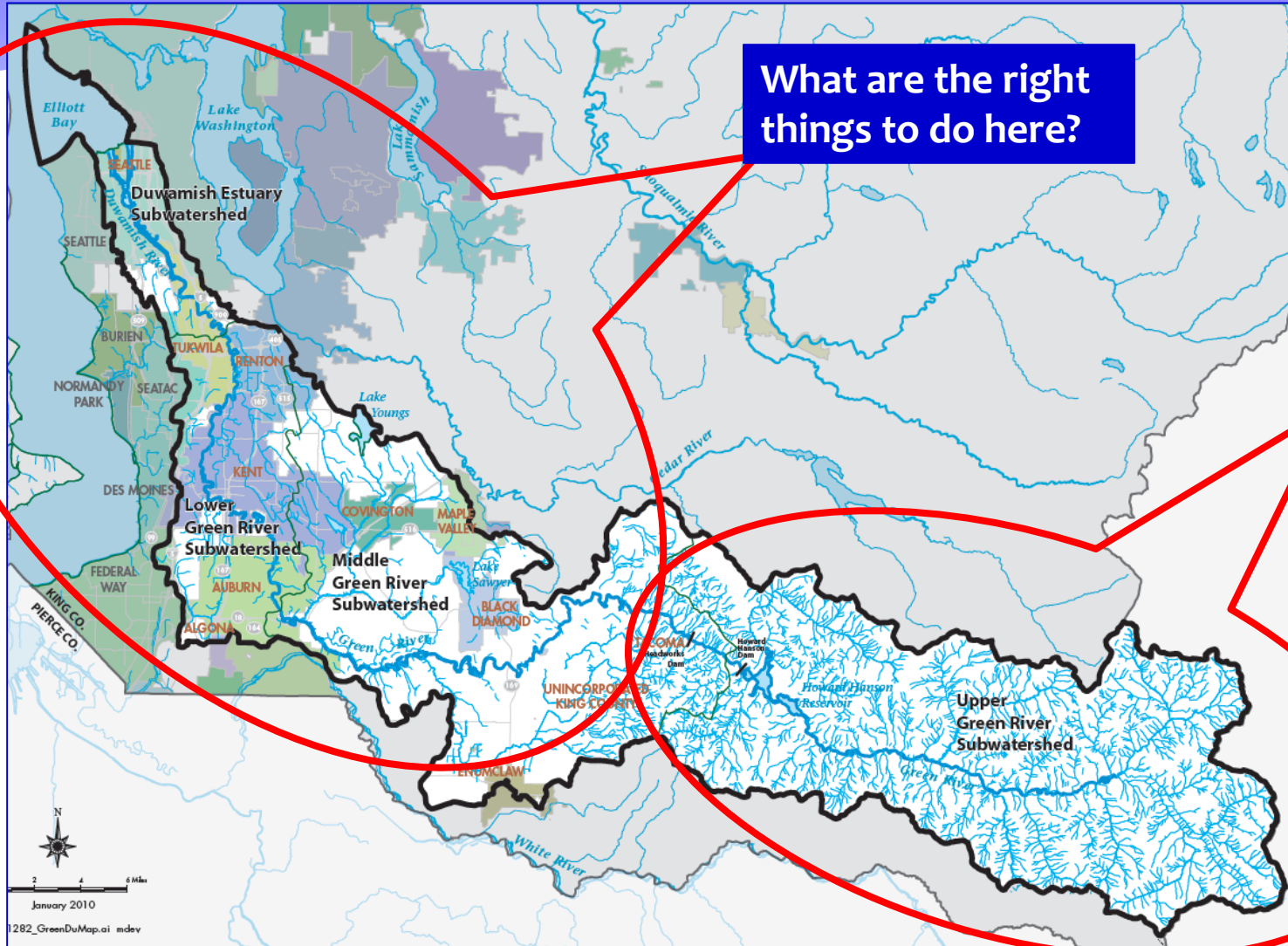
Evolution of the Problem Statement



The problem has shifted with our understanding.

How are we shifting to solve the problem?

Future Success



What are the right things to do here?

Clean Water