

Storm Resiliency & Infrastructure Development Review Committee
Storm Water Subcommittee- Interagency Kaizen Event

Problem Statement

Stormwater systems may be constructed pre-rule (no permit), not constructed in accordance with its permit, and/or not adequately maintained. This situation leads to poor system performance and causes adverse impacts to citizens and the environment.

Event Objectives

1. Obtain understanding of each agency's responsibilities within scope of problem (roles, overlaps, and gaps).
 - a. Generate responsibility chart with corresponding contacts in each agency.
 - b. Provide description for the "current state" process for each agency.
 - c. Provide description for the "ideal state" process for each agency (long term direction of goals).
2. List, categorize, and prioritize stormwater system failures. Do priorities change between agencies?
 - a. Upstream problems (e.g. restricted conveyance)
 - b. Downstream problems (e.g. increased flow or altered flow patterns)
 - c. Onsite problems (e.g. soil compaction, increased need for conveyance with decreased permeability, dormancy during construction, impervious surface increase creep, backyard drainage swales maintenance, tree removal impacting site's water holding capacity)
3. Determine what solutions are best implemented through a permitting approach.
 - a. What is the feasibility of adding additional permitting requirements for self-monitoring/maintenance?
 - b. How to permit in consideration of potential future conditions (e.g. climate changes such as 25 yr. storm levels, sea-level rise, and increase in groundwater levels)?
4. Determine what solutions are best implemented through a compliance approach.
 - a. What is the feasibility of level of service requirements for non-complaint driven inspections (agency specific).
5. Generate consolidated list of suggested solutions and comments to provide the Storm Resiliency & Infrastructure Development Review Committee.

Pre-Event Action Items

1. Be familiar with the various versions of Public Work's Development Revised Drainage Design Criteria Considerations presentations.
2. Be familiar with the concept of Kaizen via material provided before the event.
3. Provide rough draft of agency-specific answers to event objectives #1 and #2.
4. Be familiar with any databases and/or inventories of stormwater systems within one's agency or be familiar with the need for said database and/or inventories.

Kaizen Event Charter

PROJECT AREA: Resiliency / Storm Water DESCRIPTION: Interagency Process Improvement EVENT DATE: TBD

Problem Statement

Stormwater systems may be constructed pre-rule (no permit), not constructed in accordance with its permit, and/or not adequately maintained. This situation leads to poor system performance and causes adverse impacts to citizens and the environment.

Event Objectives (specific measurements on target sheet)

1. Obtain understanding of each agency's responsibilities within scope of problem.
2. List, categorize, and prioritize stormwater system failures. Do priorities change between agencies?
3. Determine what solutions are best implemented through a permitting approach or compliance approach.
4. Provide list of suggested solutions and comments to provide the Committee.

Team Members

TEAM LEADER _____ CHAMPION _____ FACILITATORS _____ _____ _____	TEAM <u>TBD</u> _____ _____ _____ _____
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Pre-Event Action Items (customer impact, data, facilities, maintenance, staffing, etc)	Completion Date	Assigned to
1. Read and review previous storm water PowerPoints presented at committee meeting.		
2. Be familiar with the concept of Kaizen via material provided before the event.		
3. Provide rough draft of agency-specific answers to event objectives #1 and #2.		
4. Be familiar with any databases and/or inventories of stormwater systems within one's agency or be familiar with the need for said database and/or inventories.		