

Storm Resiliency & Infrastructure Development Review Committee
Stormwater 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 (statutes, regulations, roles, overlaps, and gaps).
 - a. Generate responsibility chart with corresponding contacts in each agency (current and ideal).
 - b. Provide description for the "current state" permit/complaint process for each agency.
 - c. Provide description for the "ideal state" permit/complaint 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.
5. Research information on stormwater complaints received, including number received, dates, locations, type of complaint, and result of complaint. Are there correlations or common denominator?

Kaizen Event Charter

PROJECT AREA: Resiliency / Storm Water

DESCRIPTION: Interagency Process Improvement

EVENT DATE: 4/17/2019 (Wed.)

Problem Statement

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Event Objectives

1. Obtain understanding of each agency's responsibilities and priorities within scope of problem.
2. List, categorize, and prioritize stormwater system failures.
3. Determine what solutions are best implemented through a permitting approach or compliance approach.
4. Generate: document delineating interagency responsibilities, brief and general standard operating procedure for compliance efforts, list of suggested solutions and comments for the Committee.

Team Members

TEAM LEADER	DEP Northeast District	TEAM	COJ- Bill Joyce, Steve Jackson, Ellyn Cabin
CHAMPION	Storm Resiliency & Infrastructure Committee		SJRWMD- Brad Purcell, Geoff Sample
FACILITATOR	DEP NED- Hunter Bradshaw		DEP NED- June Shi, Matt Kershner
RECORDER	DEP NED- Victoria Ford		

Pre-Event Action Items (customer impact, data, facilities, maintenance, staffing, etc)

Pre-Event Action Items (customer impact, data, facilities, maintenance, staffing, etc)	Completion Date	Assigned to
1. Read and review previous stormwater PowerPoints presented at committee meeting.	COB 4/15/2019 (Mon.)	All participants
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. This includes knowing information on complaints received and other relevant complaint information.	"	"

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Northeast Florida Interagency Stormwater Responsibility/Jurisdiction Chart				
Agency	Name / Title	Contact Information	Rule References	Responsibility/Jurisdiction
City of Jacksonville				
FDEP Northeast District				
St. Johns River WMD (Jacksonville office) (Palatka HQ office) (Maitland office)				