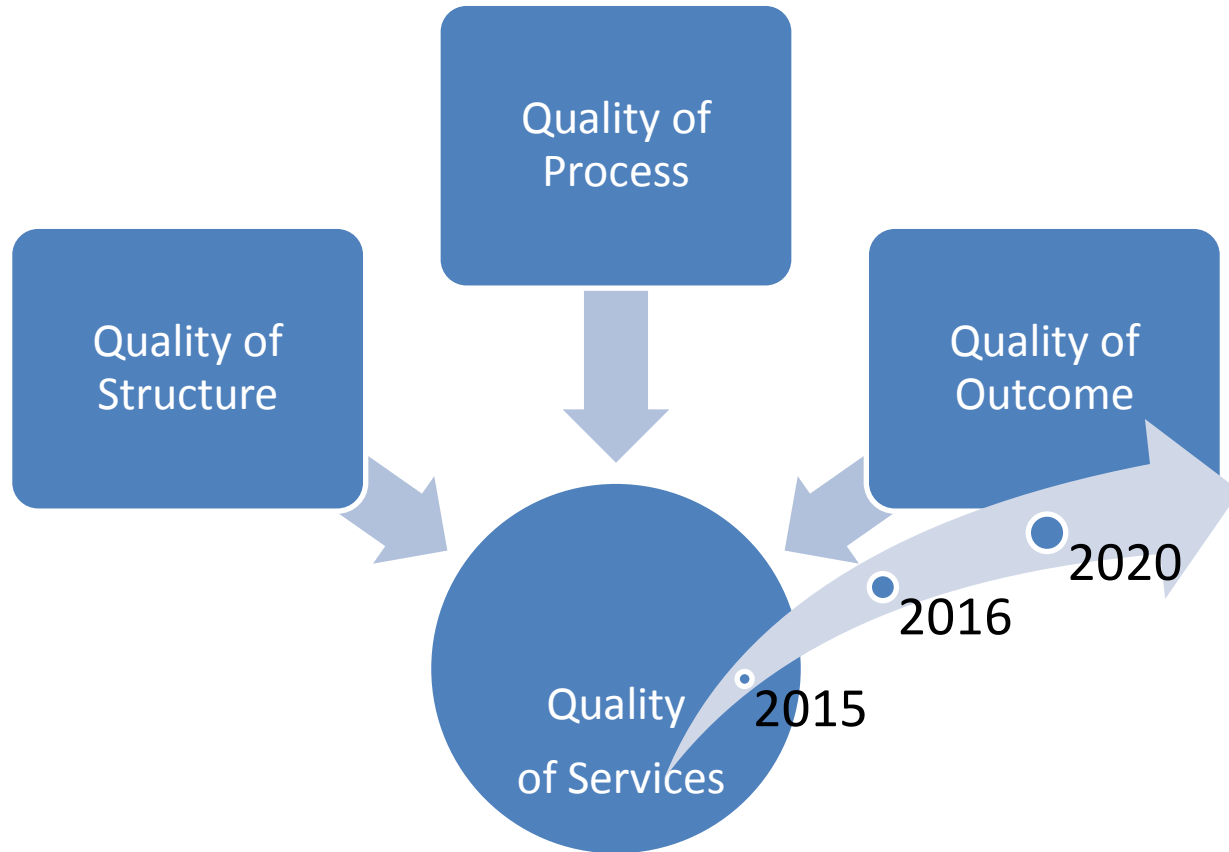
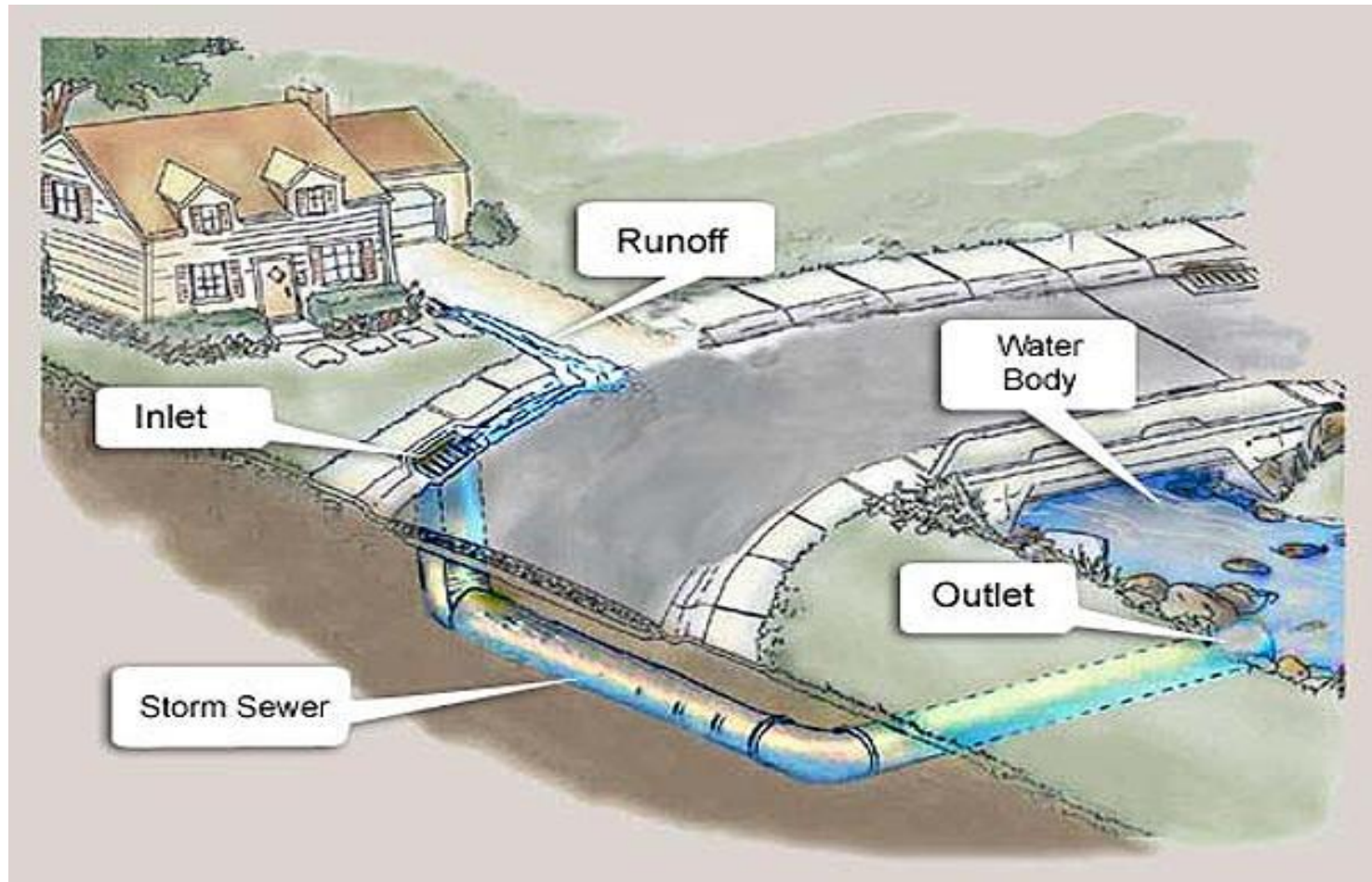


# Emergency Drainage System Quality Analysis



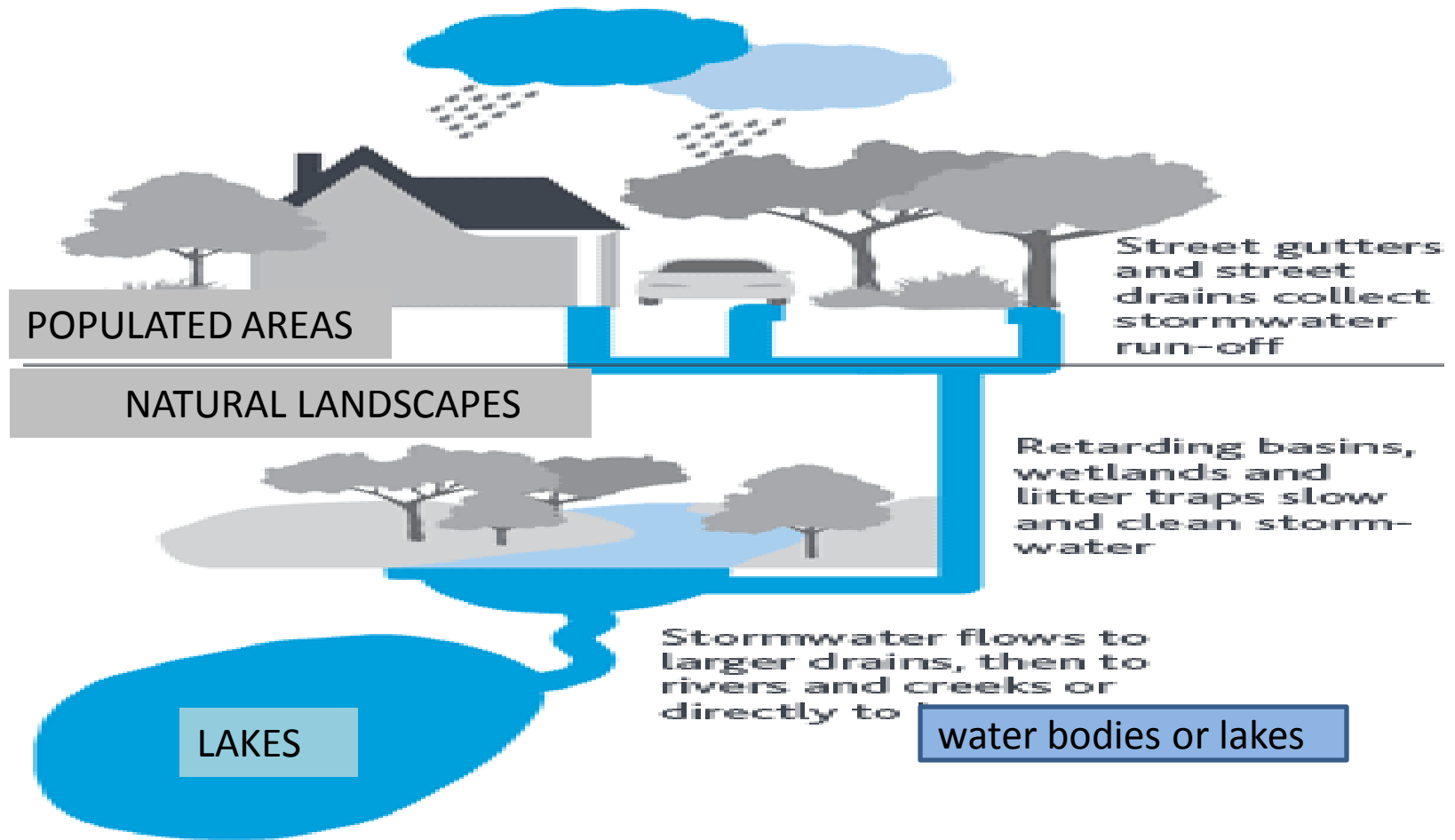
# Emergency Drainage System QA



# Emergency Drainage System QA



# Emergency Drainage System QA



# Emergency Drainage System QA

Form Serial No:

Date:

Name of public infrastructure or facility:

Storm Water Drainage System ID or No:

Name of inspecting company:

Annual Maintenance Contract No (if relevant):

**Nature of inspection or assessment of vulnerable locations:**

- ☐ **Visual Inspection** (for any signs of problems with collection and conveyance from roofs, sit-outs, parking lots, basements, outdoor facility areas, and integrated pathways, avenues, lanes, streets)
- ☐ **Pipeline Quality** (Required diameter pipes, PVC material and Foam core pipes with an adeptly designed collection and conveyance network)
- ☐ **Node and Link network** (separate collection and conveyance and directing storm water runoffs to storm sewers and natural landscapes)
- ☐ **Connection to planned or need based municipal storm sewers**

**Additional nature of inspection or assessment:**

- ☐ Sufficient number of years design frequency
- ☐ Easy to service model
- ☐ Disaster mitigation for disasters like cyclones, floods etc
- ☐ Slopes given to roofs, sit-outs, parking lots, basements, outdoor areas, integrated pathways, avenues, lanes, streets so storm water is conveyed naturally by slope, gravity and water pressure
- ☐ Infiltration into Sewer Inspection Chambers or Manholes

# Emergency Drainage System QA

- **Disaster mitigation for disasters like heavy rainfall, storms, cyclones, flash floods**
- This involves 2 different aspects of mitigation i.e.
- 1. **Structural mitigation** (AOEC's toolkit includes a Quality indicator to implement self-assessments for this aspect)
- 2. **Awareness, sensitization, and preparedness** via standard operating procedures (AOEC's toolkit includes a guide for disaster mitigation and management
- keeping in the need to target occupants of buildings, facilities and other residential complexes)

This Quality Analysis expects an assessor to know about these norms and details prior to performing this analysis.

# Emergency Drainage System QA

**Reason for inspection or assessment (Tick as applicable):**

☐ Problems suspected

☐ Complaints

☐ Emergency call or disaster

☐ Aging

☐ Preventive maintenance

☐ Routine assessment

**Complaint No:**

**Priority Complaint No:**

**Time taken:**

**Record of inspection:**

Date	Nature of inspection	Details of inspection	Next scheduled date	Done by

# Emergency Drainage System QA

## Record of condition:

Date	Condition	Details of condition	Analysis of condition	Plan of action	Done by

## Record of repairs or replacements:

Date	Nature of repairs or replacements	Details of repairs or replacements	Cost of repairs or replacements	Reordering Of material and spares	Done by



# Emergency Drainage System QA

- **Record of performance (Tick as applicable):**
- ☐ No complaints ☐ Quality & drainage proper and adept
- ☐ Occasional complaints
- ☐ Recent complaints
- ☐ Complaints since a long time
- ☐ Rising number of complaints ☐ Red alert
- 
- **Current problem or complaint or observation?**
- 
- **Whether subsequent actions were taken?**

# Emergency Drainage System QA

**Whether Corrective Action was outlined? ( Yes/No)**

- **Details:**
- **Whether Preventive Action is planned? ( Yes/No)**
- **Details:**
- **Whether Grievance Redressal was necessary? ( Yes/No)**
- **Details:**
- **What will be done to prevent re-occurrence of problem or issue?**