City Watersheds of Sonoma Valley, Phase 1

Fryer Creek

Project Function & Benefits

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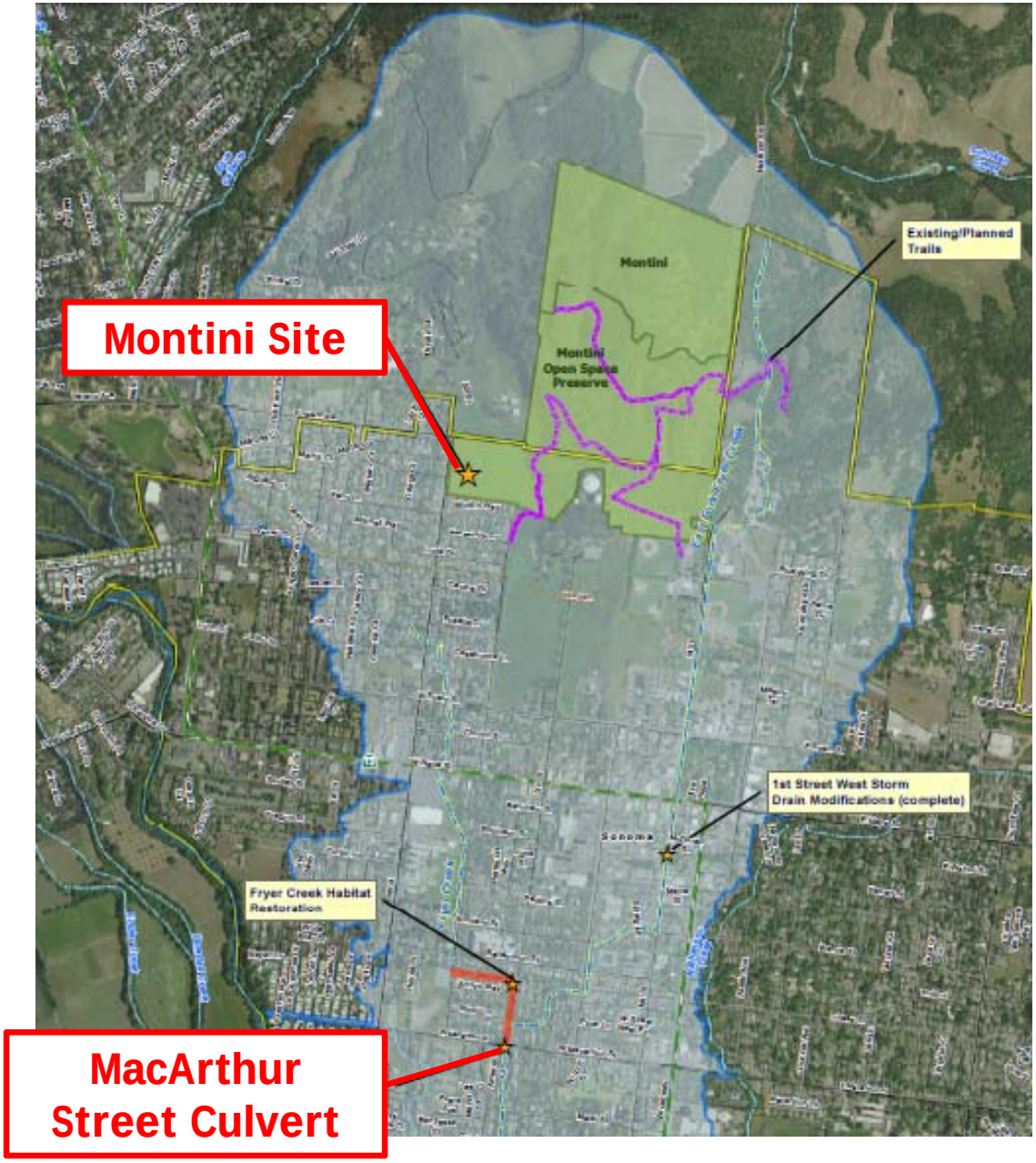
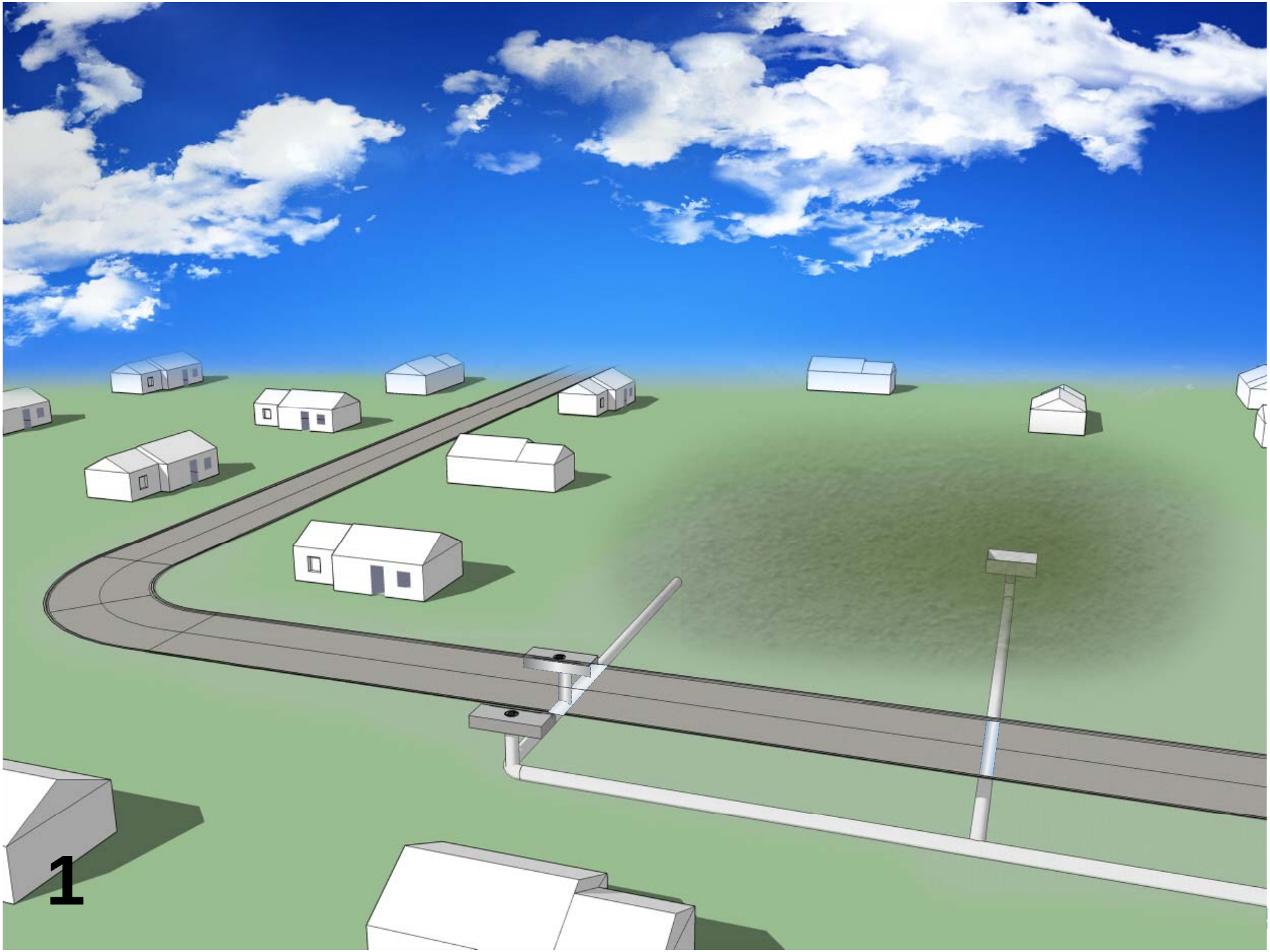
Site Locations



Stormwater Runoff System with Stormwater Detention/ Groundwater Recharge Project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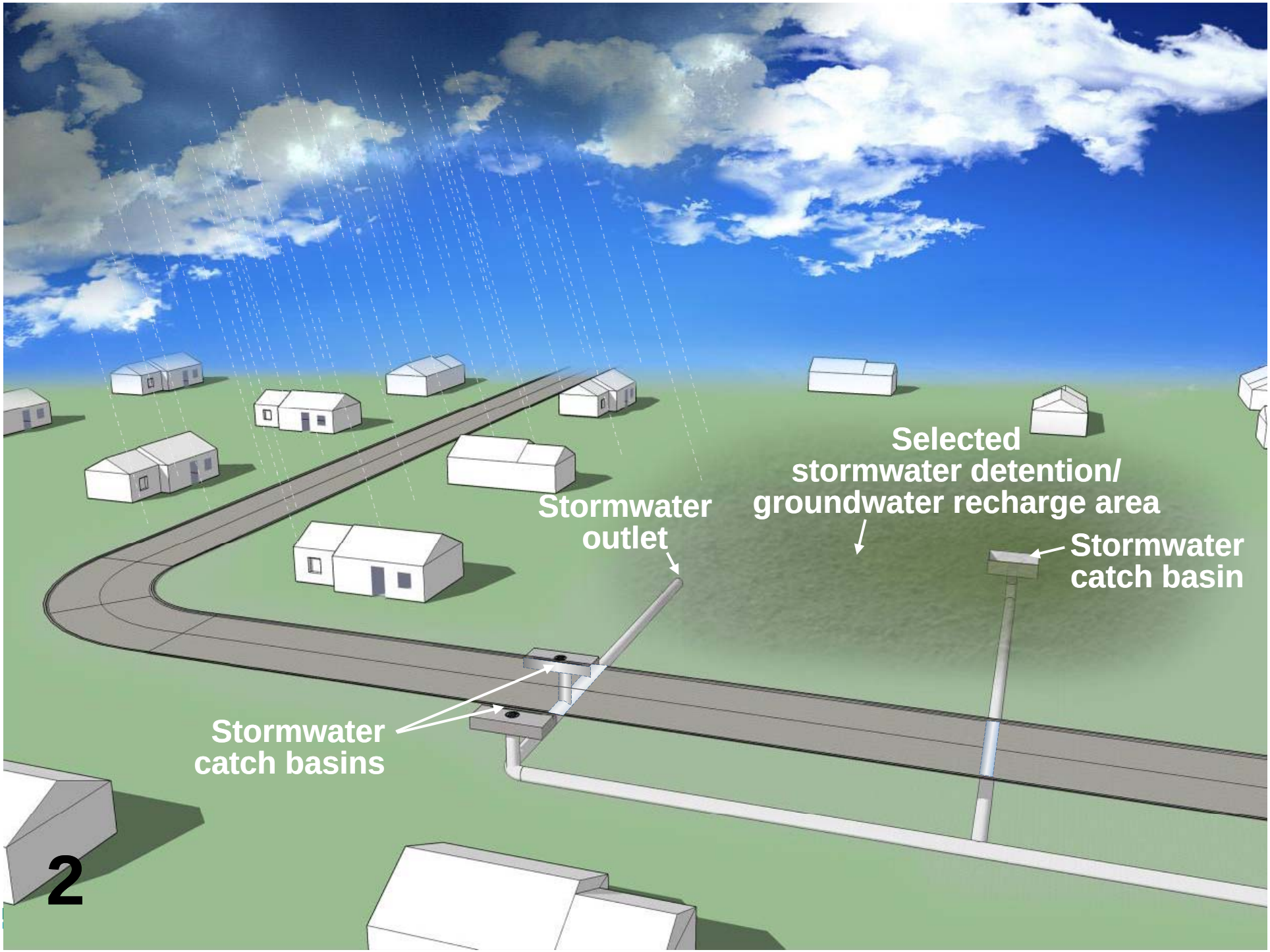
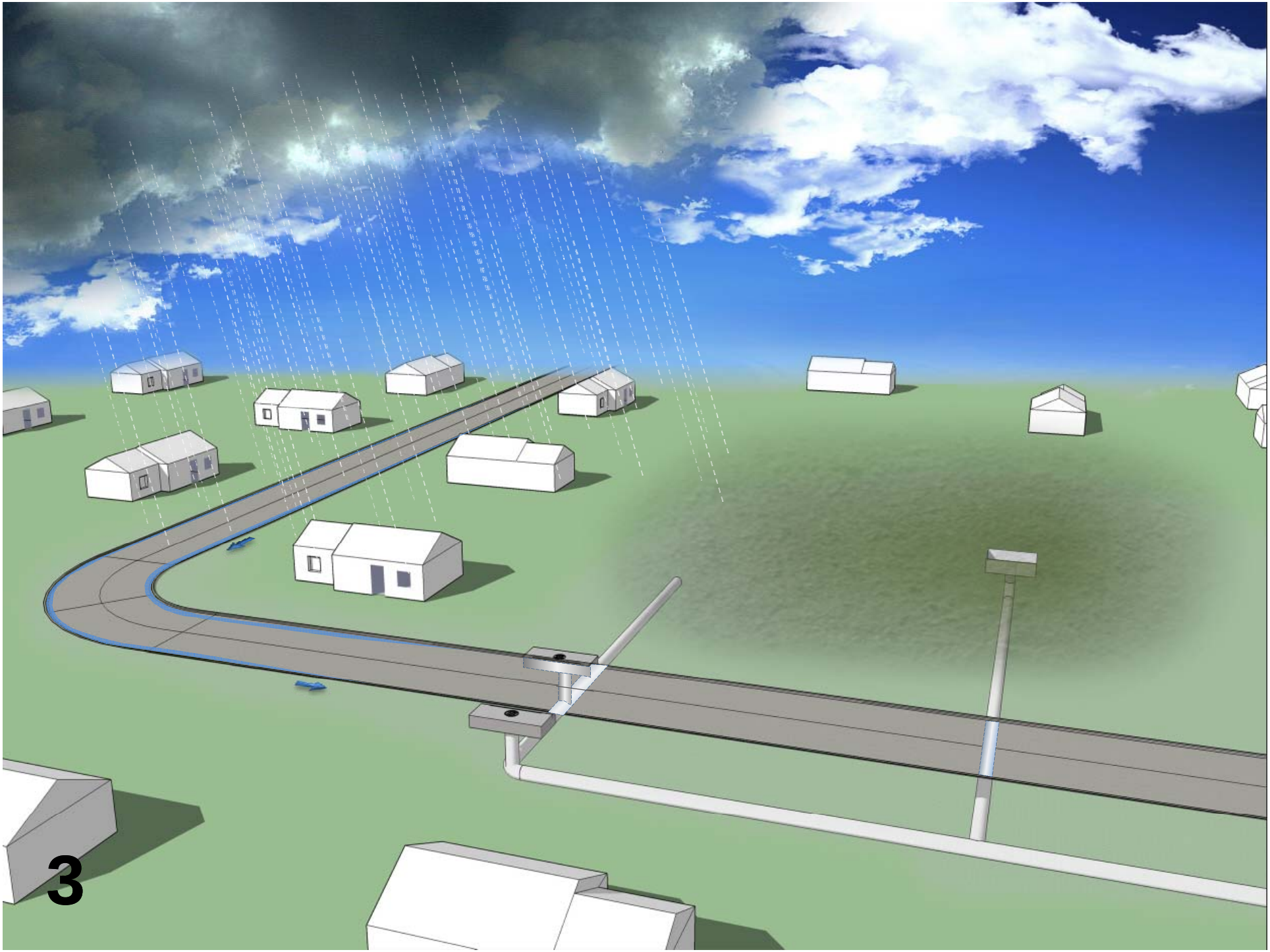

Selected
stormwater detention/
groundwater recharge area
Stormwater
outlet
Stormwater
catch basin
Stormwater
catch basins
2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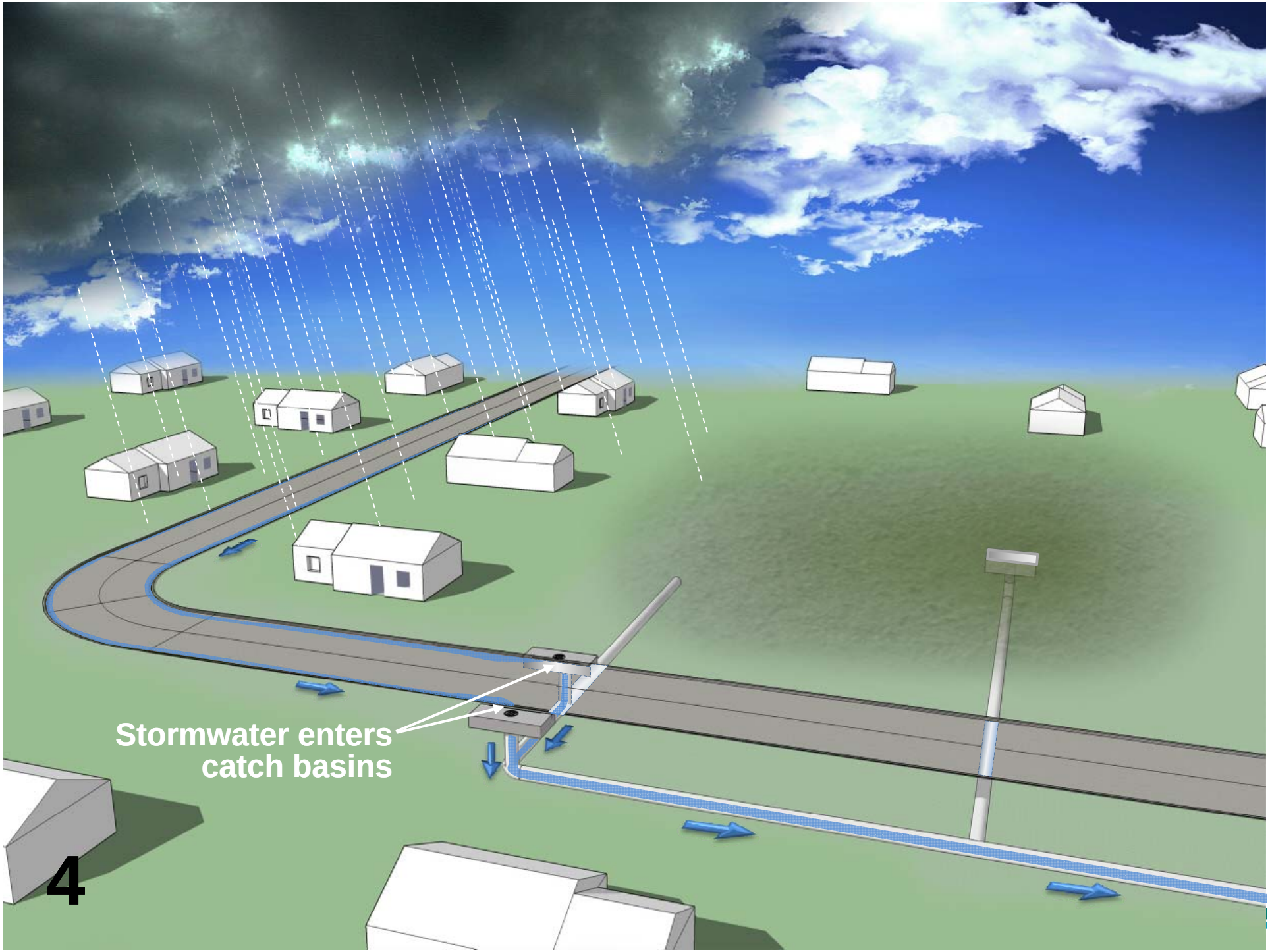
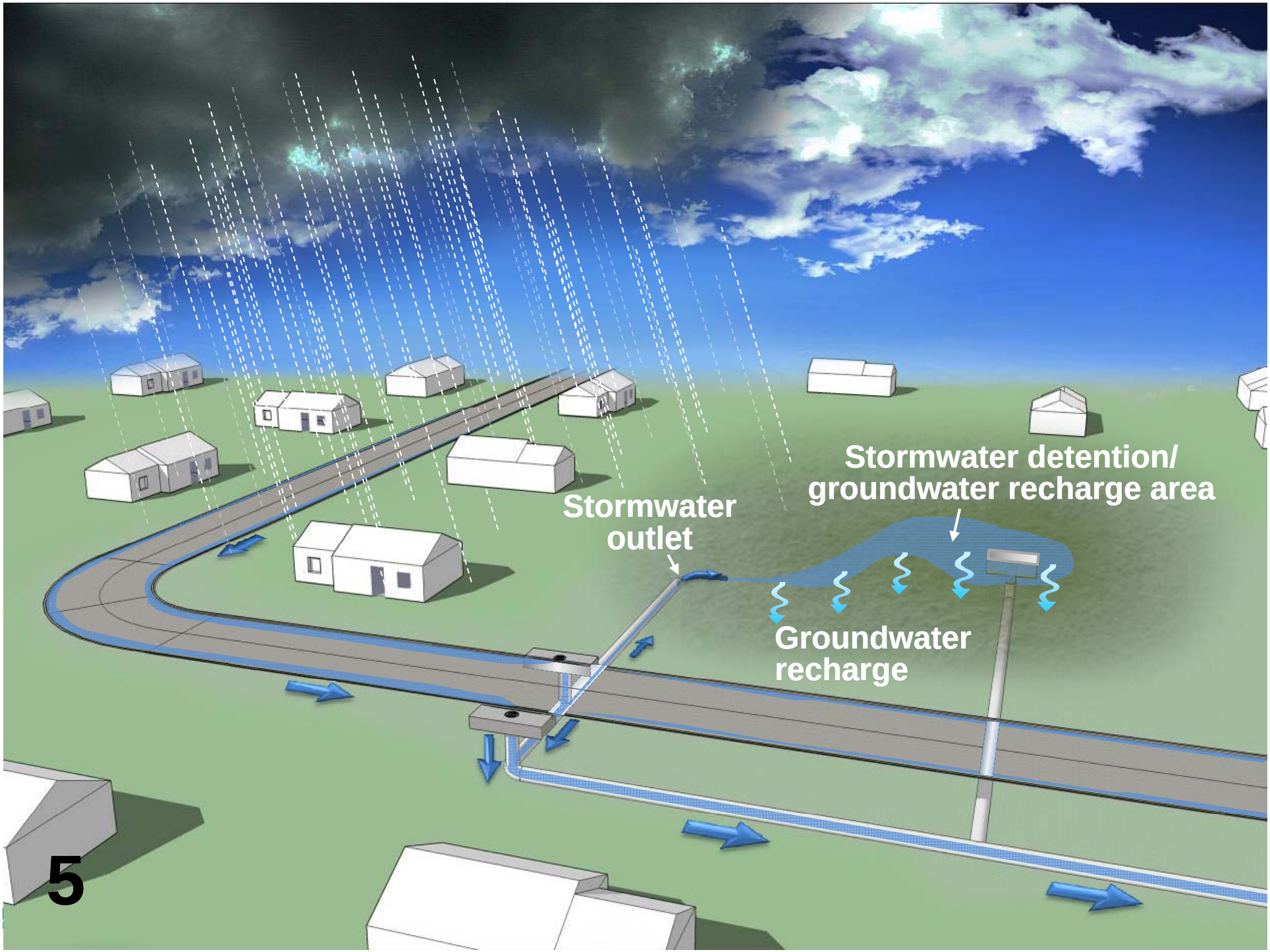
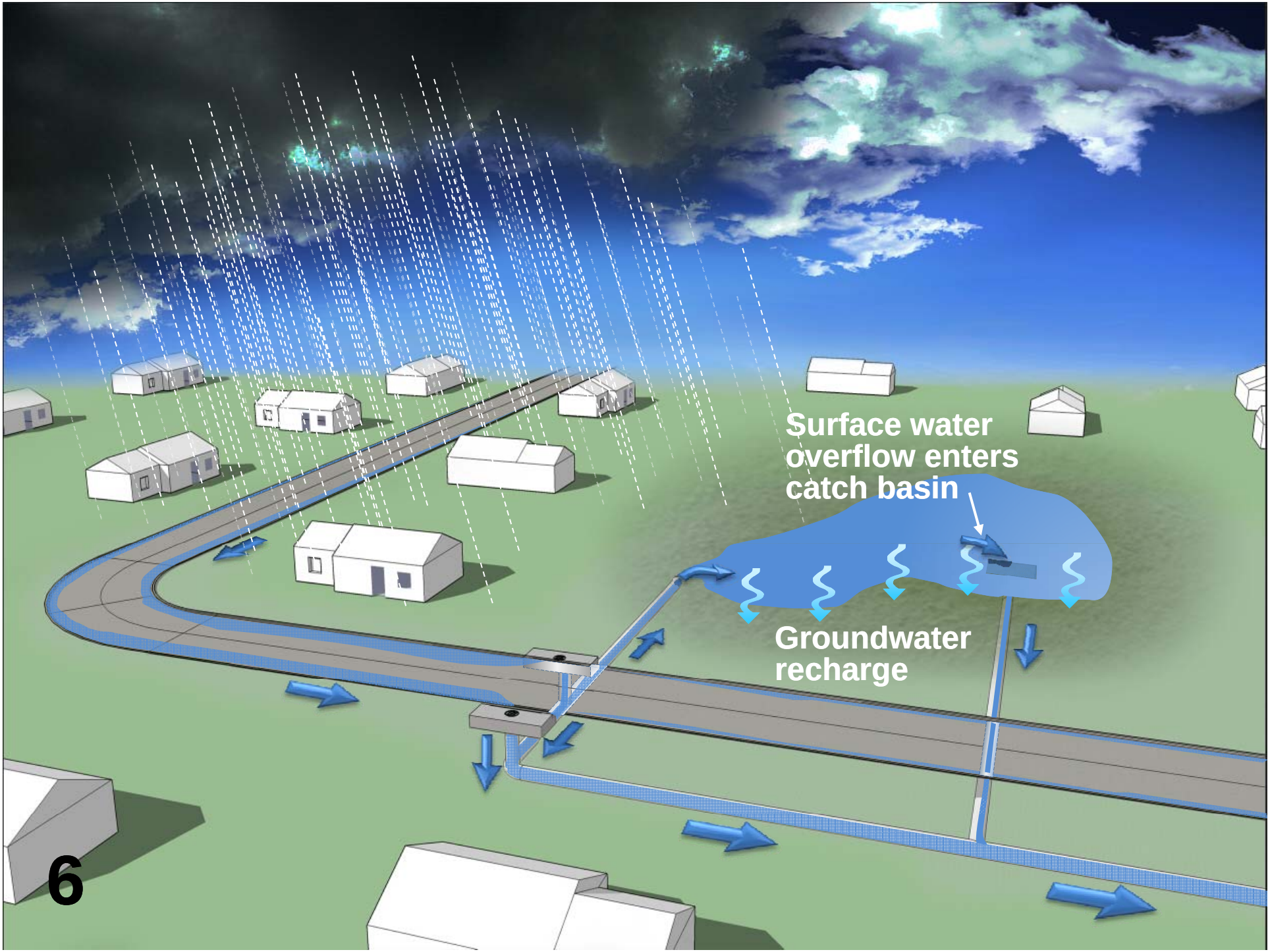
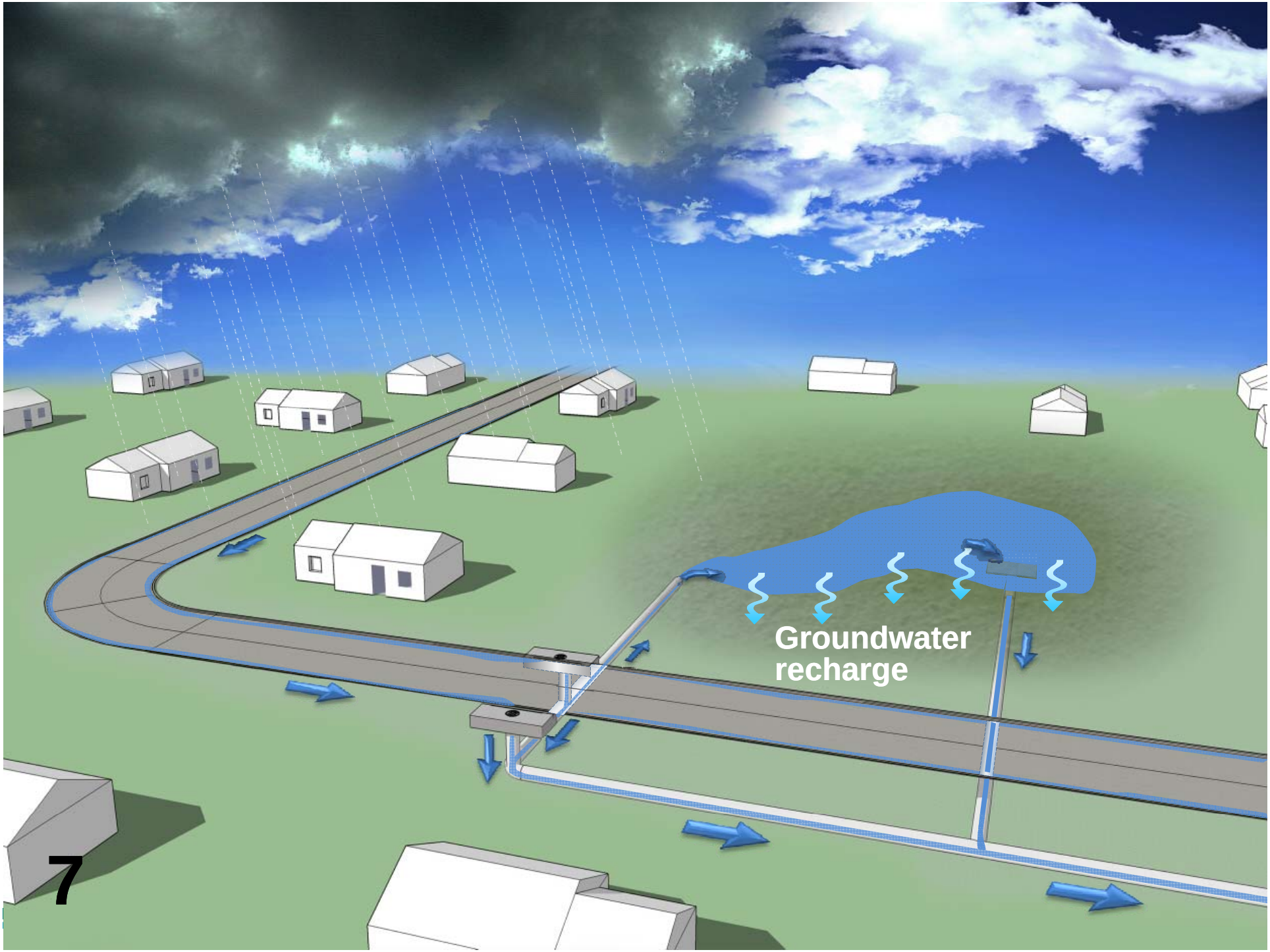
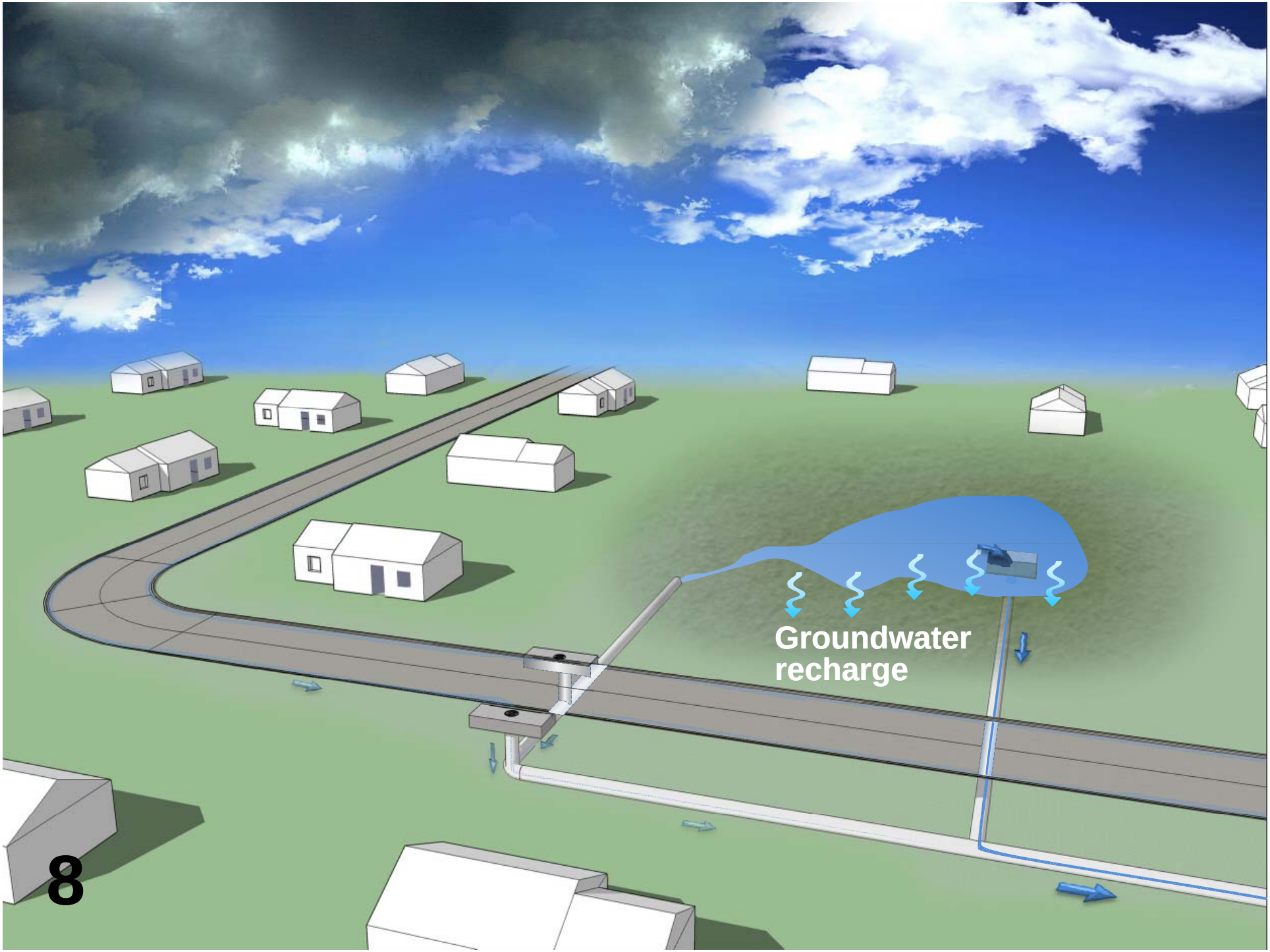

Stormwater enters
catch basins
4

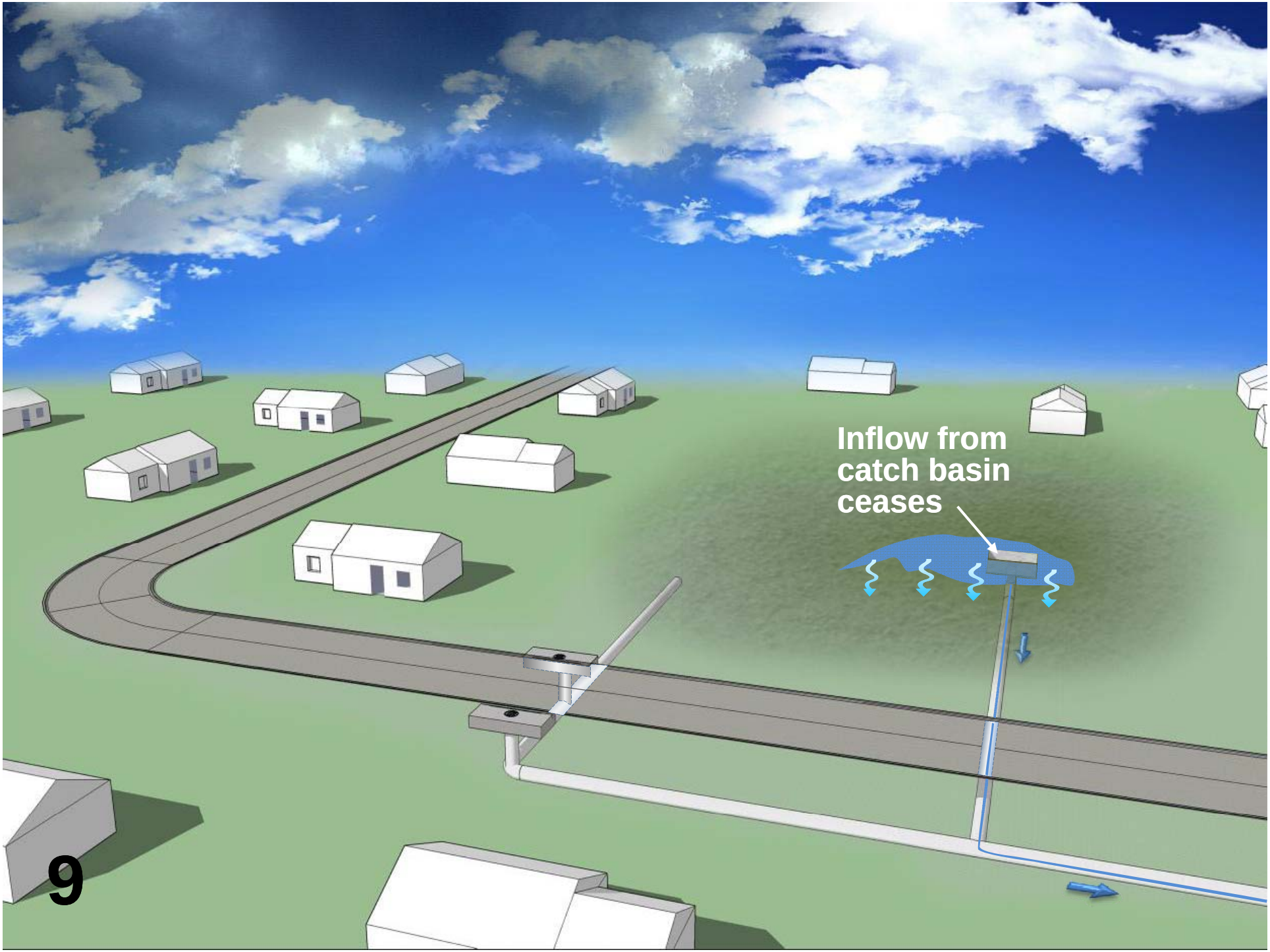

Stormwater outlet
Stormwater detention/ groundwater recharge area
Groundwater recharge

5

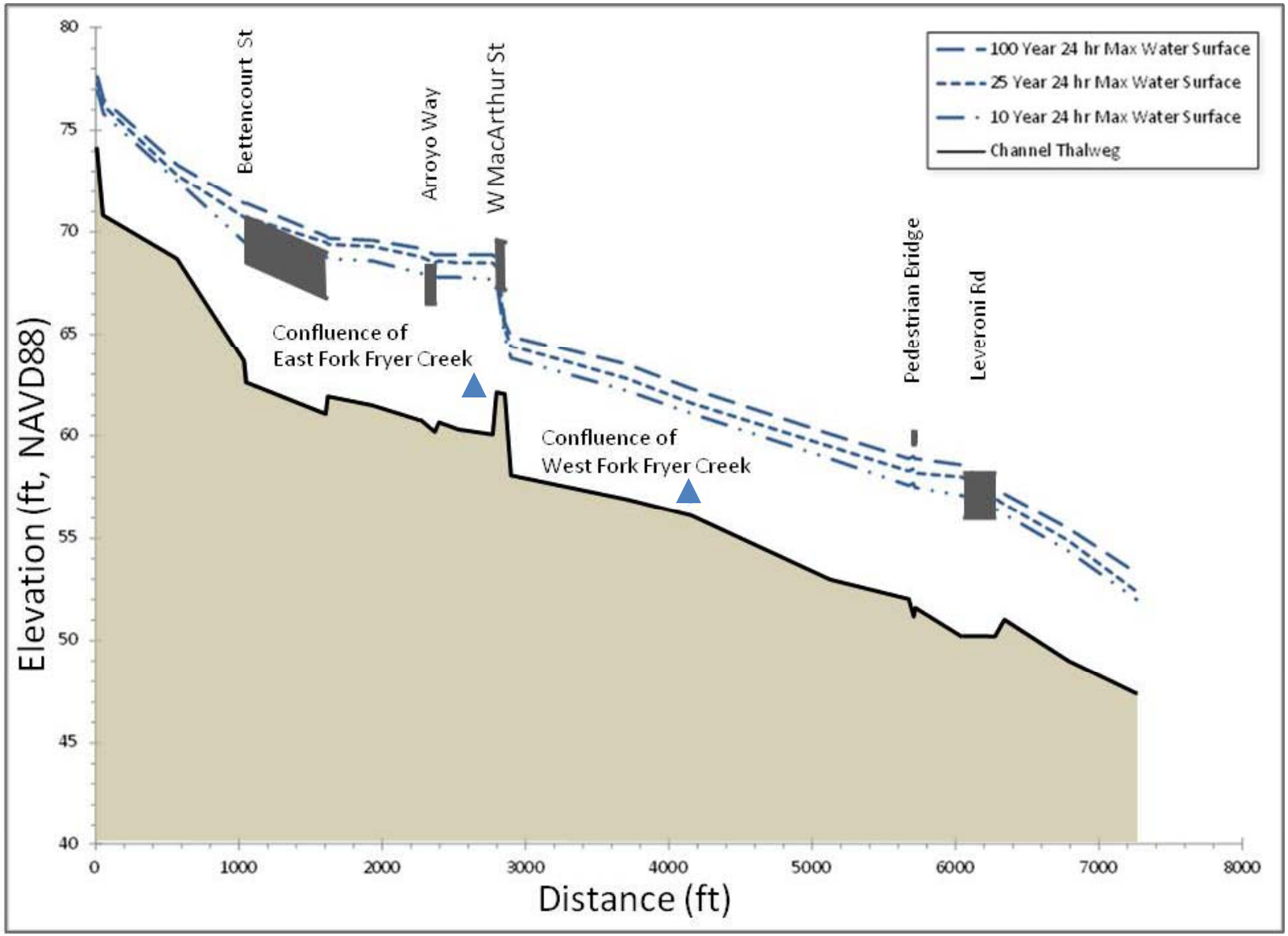

Surface water overflow enters catch basin
Groundwater recharge


Groundwater
recharge

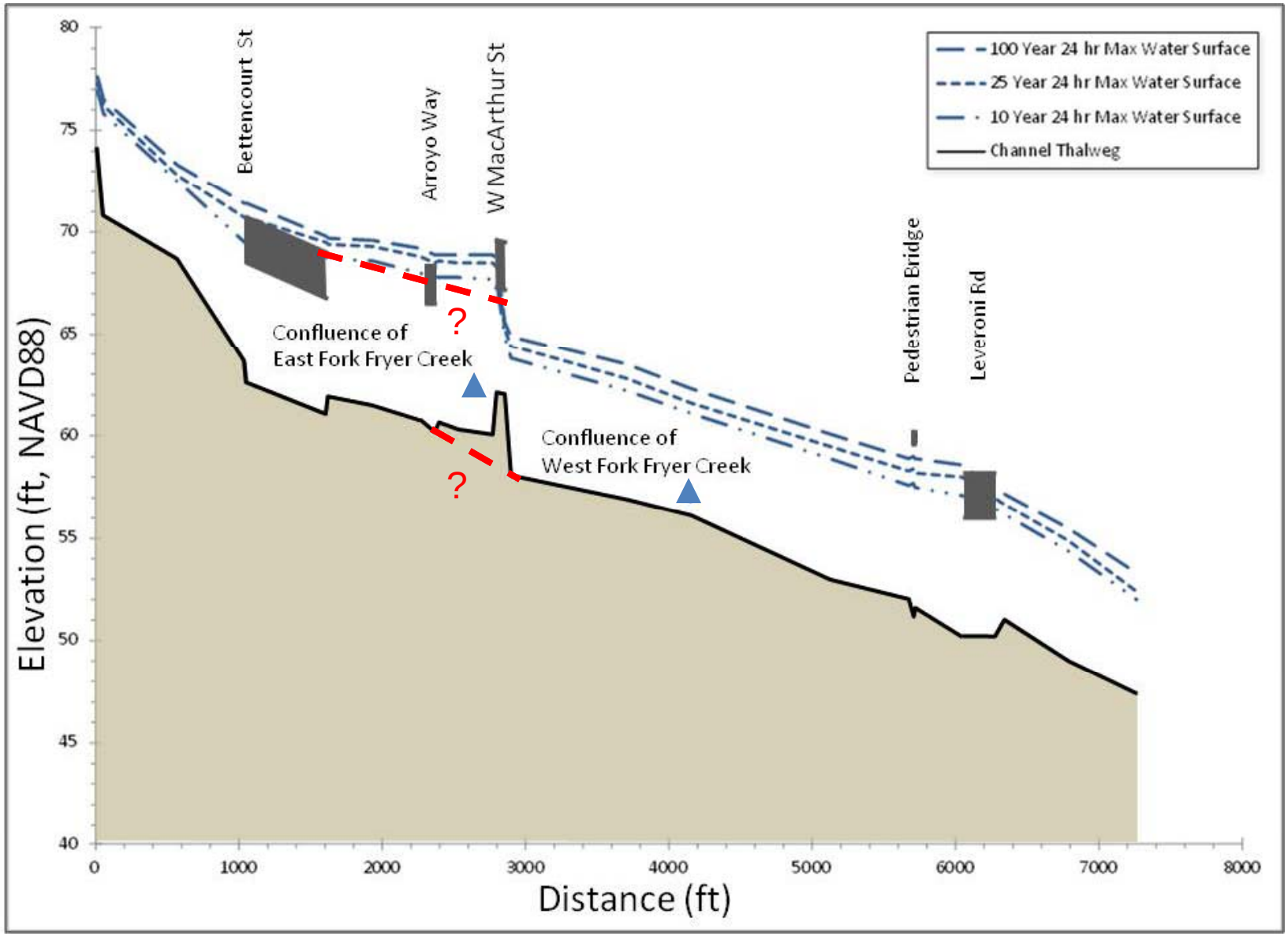

Groundwater
recharge


Inflow from
catch basin
ceases
9

Fryer Creek flood profile



Fryer Creek flood profile



December 23, 2012

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Project benefits

- **Reduced flooding and flood risk**
- **Increased recharge of groundwater**
- **Enhanced habitat: streamside, aquatic, wetland**
- **Water quality improvement**
- **Public education about stormwater management and groundwater recharge**