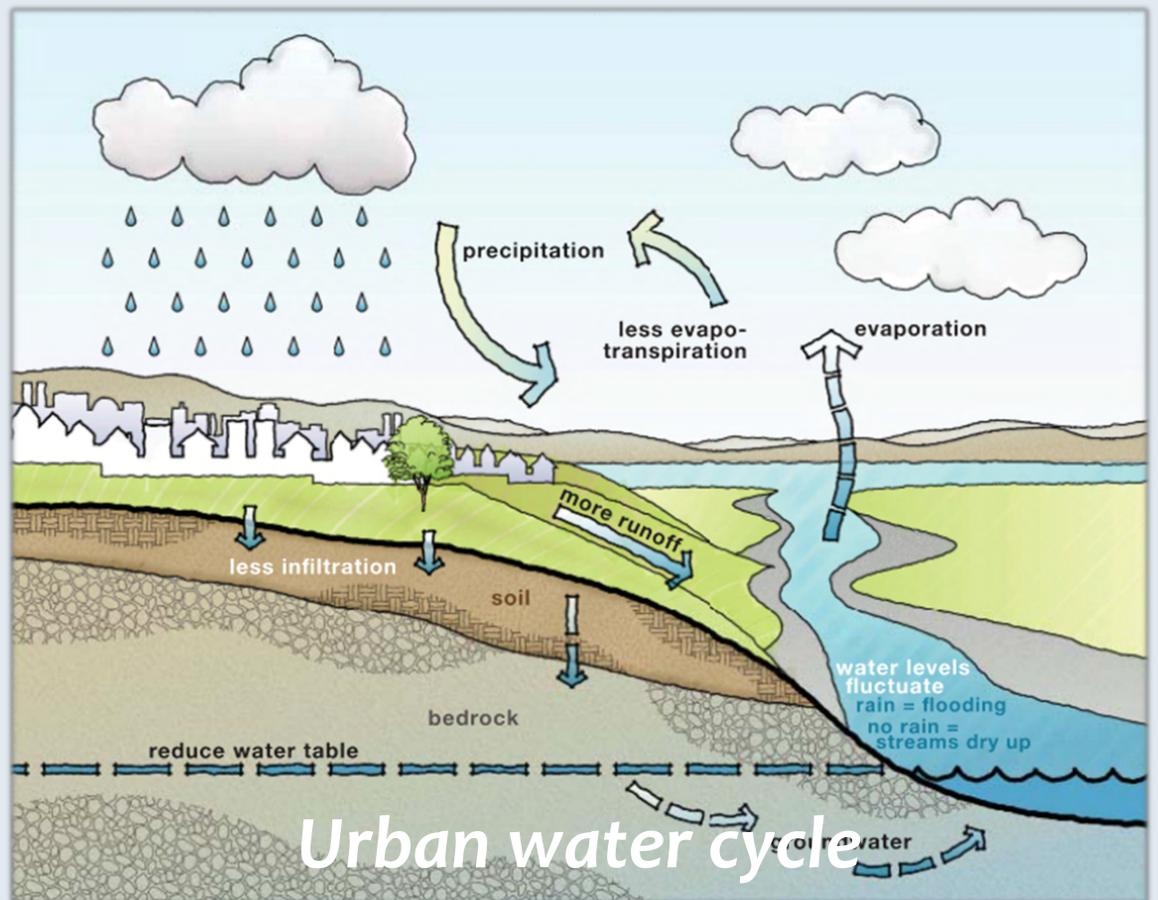


# CITY OF SAMMAMISH

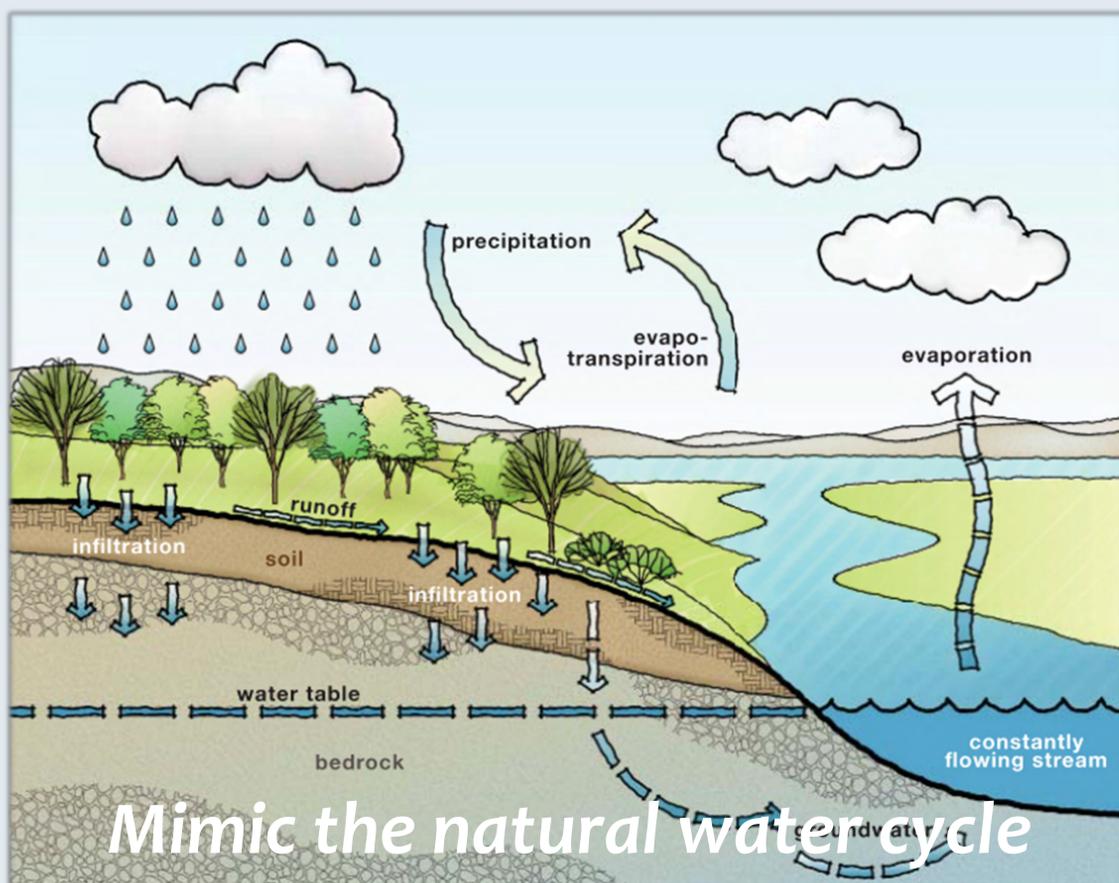
## *SURFACE WATER DESIGN MANUAL UPDATE*

### Current Drainage Requirements

- ⇒ **Use 1998 KCSWDM when**
  - Projects disturbing less than 1 acre
  - Not within erosion hazard near sensitive water body
- ⇒ **Use 2009 KCSWDM when**
  - Projects disturbing 1 acre or more
- ⇒ **Drainage Review required when**
  - Projects creating more than 2,000 sf of new plus replaced impervious surface
  - 500 sf of new plus replaced impervious surface within Inglewood Historical Plat



### Proposed Drainage Requirements



- ⇒ **2016 KCSWDM and Sammamish Addendum**
  - Used regardless of project disturbance area or location
- ⇒ **Drainage Review required when**
  - Projects creating more than 2,000 sf of new plus replaced impervious surface
  - Projects creating 500 sf of new plus replaced impervious surface within Inglewood Historical Plat
  - Projects creating 500 sf of new impervious surface within Landslide Hazard Drainage Area

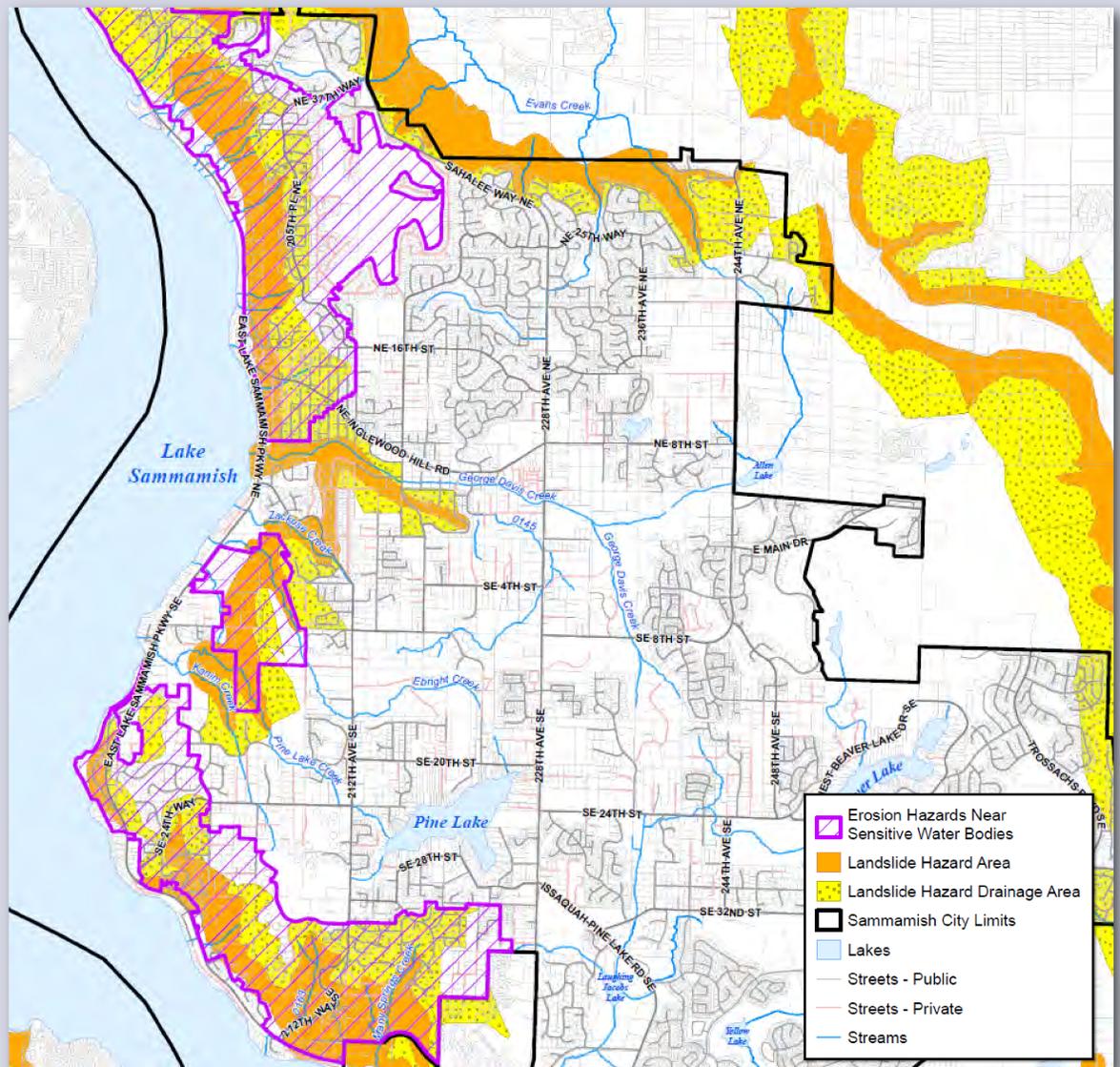
# CITY OF SAMMAMISH

## *SURFACE WATER DESIGN MANUAL UPDATE*

### **Significant Changes**

#### ***When a Drainage Review is required***

- ⇒ Projects located in a Landslide Hazard Drainage Area that will need result in 500 sf of new impervious surface will require a Drainage Review
- ⇒ Projects must demonstrate that onsite drainage facilities and/or flow control BMPs will not create a significant adverse impact to downhill properties or drainage systems



#### ***Differences with Inglewood Historical Plat Requirements***

- ⇒ Triggered only with NEW IMPERVIOUS SURFACES
- ⇒ Does not trigger with REPLACED IMPERVIOUS SURFACES
- ⇒ Triggers Drainage Review
- ⇒ Does not trigger automatic stormwater tightline if 100% infiltration is not feasible
- ⇒ Projects must demonstrate that onsite drainage facilities and/or flow control BMPs will not create a significant adverse impact to downhill properties or drainage systems

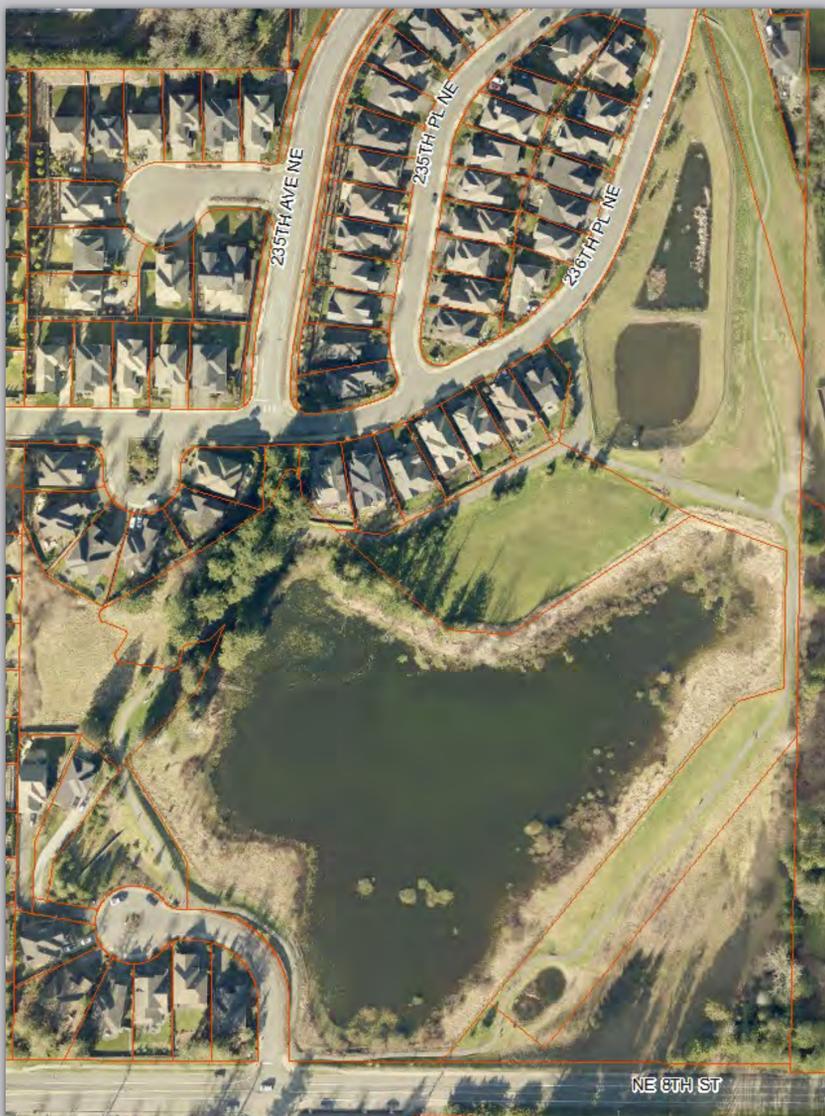
# CITY OF SAMMAMISH

## *SURFACE WATER DESIGN MANUAL UPDATE*

### **Significant Changes**

#### **Design Criteria for Stormwater Ponds and Vaults**

- ⇒ Intent to design and construct stormwater ponds and vaults as attractive amenities
- ⇒ Numeric standards
  - Steep and vertical side slope limits 25% of pond perimeter
  - Berm Embankment heights limited to 6 ft within BSBL
  - Curvilinear pond shape
  - Native plant landscaping



#### **Recreation Tract Credits**

- ⇒ Land is valuable
- ⇒ Recreation credit provided for attractive stormwater pond design
- ⇒ Options for 50% of recreation tract credit
- ⇒ Options for 100% of recreation tract credit