Meadowbrook Pond is an SPU stormwater detention and water quality facility. It receives flows from Thornton Creek during wet weather and storms, helping prevent flooding and improving water quality.

**Dry Weather**
In dry weather, Thornton Creek flows alongside Meadowbrook Pond.

**Wet Weather**
During wet weather, rising creek water spills into the pond over a series of weirs, or low dams, where water is slowed and stored before re-entering the creek. Sediments settle to the bottom of the pond.

**Overflow**
In the highest flow conditions, stormwater is diverted to an outfall in Lake Washington to prevent creek and pond flooding.

Key:
- Thornton Creek: Managed Water Flow