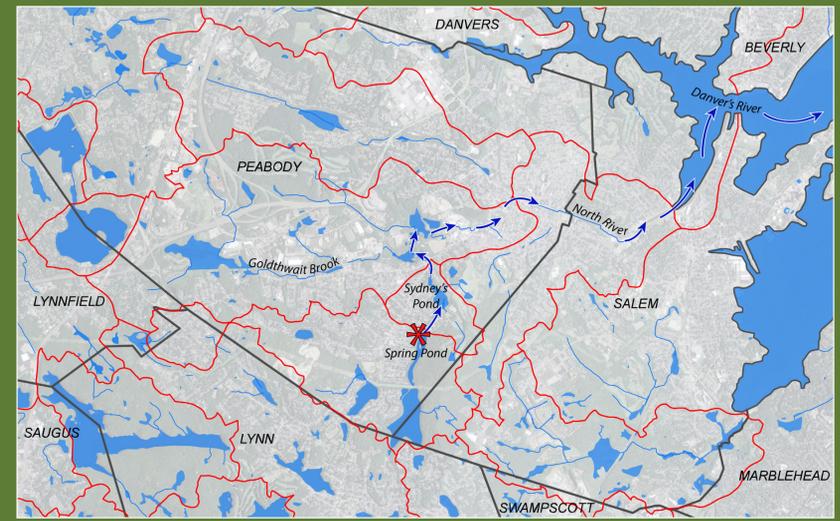




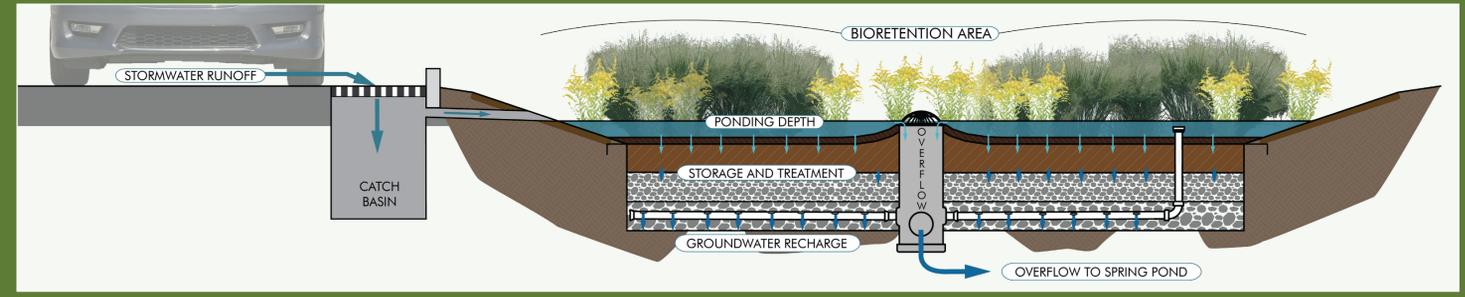
Lower Spring Pond Stormwater Management

Spring Pond supplies public drinking water to Central and Downtown Peabody via the Coolidge Avenue Water Treatment Plant. When it rains, water washing off roofs, driveways, roads, and parking lots (called stormwater) flows into Spring Pond. This stormwater can carry bacteria, oil, and other pollutants. For the South Peabody Trail project, this stormwater was intercepted and directed into vegetated bioretention areas and a below-ground water-treatment device.

Managing the stormwater not only keeps Spring Pond clean, it also contributes to the health of the waterbodies further downstream. The water from Spring Pond flows into Sydney's Pond and joins Goldthwait Brook which drains to the North River. The North River flows into the Danvers River and then to the Salem Sound. Trace the flow of water on the map below on the left.



The stormwater management systems along Spring Pond capture water from the roads and rooftops shown in the drainage area map above on the right. Three of the systems are called bioretention areas. Plants in the bioretention areas take up nutrients and the soil acts as a filter and provides a home for microorganisms that break down pollutants. Some of the cleaned water infiltrates down into the ground. During big storm events, the water overflows into Spring Pond.



Do your part to protect our local water bodies! Pick up after your pet, wash your car on grass or at a commercial car wash, properly dispose of litter and household chemicals, use fertilizers and pesticides sparingly, avoid overwatering your lawn, and don't dump anything into a storm drain.



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