

A photograph of a sunset over a body of water. The sun is low on the horizon, creating a bright orange and yellow glow that reflects on the water. The sky is filled with soft, wispy clouds. In the foreground, a single swan is visible in the water, its dark silhouette contrasting with the shimmering surface. The overall scene is peaceful and serene.

Natural Bog Filtration System for Water Features

By Jim Sheridan
Cheryl Taborsky 2026

Benefits of a Water Feature

- Attracts Wildlife: Birds, Bees, Dragonflies, Amphibians & Animals
- Mosquito Control (dunkers/natural)
- Plants
- Relaxation, Enjoyment
- Humidity (Indoors)

Green
houses need
humidity and
temperature
control.
Garden
Center in
Vermont.



What' right for you?

Water Feature

- Pond
- Bog
- Fountain

Size

- Patio
- Back Yard
- Acre pond

Location

- Sun
- Shade
- Combination

Small Pond Ideas

https://images.search.yahoo.com/search/images;_ylt=AwrNOPgUEitpFAIAqbdXNyoA;_ylu=Y29sbwNiZiEEcG9zAzEEEdnRpZAMEc2VjA3BpdnM-?p=sedums+around+pond&fr2=piv-web&type=E210US1358G0&fr=mcafee&imgurl=https%3A%2F%2Fwww.penick.net%2Fdigging%2Fimages%2F2010_06_13%2FStock_tank_pond_%26_sunburst_paving.JPG



://californiawaterscapes.com/swimming-ponds-natural-pools-cypress/

https://images.search.yahoo.com/search/images;_ylt=AwrEpKc0CypUQIAS4xXNyoA;_ylu=Y29sbwNiZjEEcG9zAzEEdnRpZAMEc2VjA3BpdnM-?p=clay+lined+ponds&fr2=piv-web&type=E210US1358G0&fr=mcafee&imgurl=https%3A%2F%2Fwww.railwaysleepers.com%2Ffiles%2Fimages%2Fproject%2FBillysnaturalpondedgedwithusedrailwaysleepers2_lg.jpg



<https://lonestarbarite.com/products/large-pond-liner/>



https://webbsonline.com/Item/mini-pond-kit-aquascape-aquagarden-mocha?msclkid=07be01e29d85134aa59668c98f7ce5cc&utm_source=bing&utm_medium=cpc&utm_campaign=Bing%20Performance%20Max%20High%20Volume%20States%20121924&utm_term=2328628189772046&utm_content=Performance%20Max



Bed Bath and Beyond

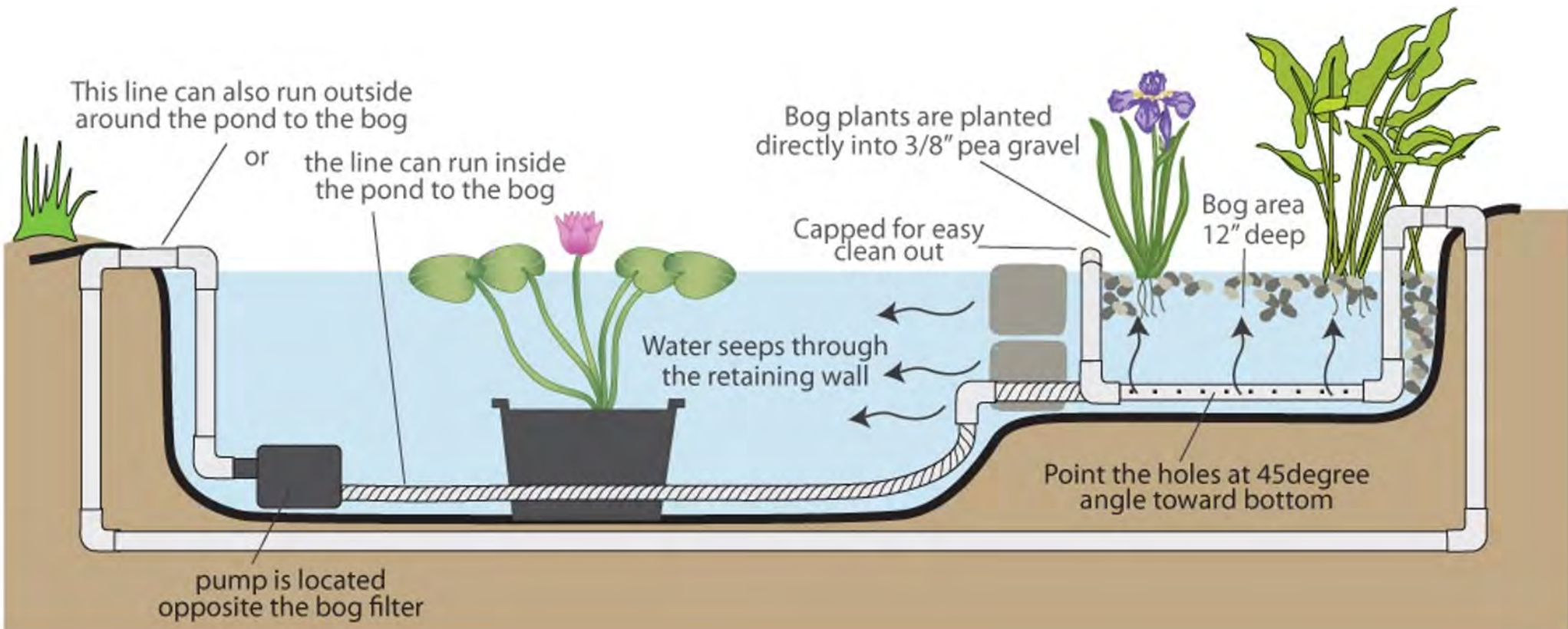
[https://www.bedbathandbeyond.com/outdoor-decor/outdoor-fountains?i=22475&featuredproduct=21161984&featureadoption=35209300&ci_sku=26936081-000-000&cnc=US&cid=317874&track=bpla&msclkid=96f4f0445d651e120926996f4ef4c526&utm_source=bing&utm_medium=cpc&utm_campaign=B_PLA_S_%5BDECOR%5D%7C317874&utm_term=4577404352423040&utm_content=Subcat%20-%20Decor%20\(All\)](https://www.bedbathandbeyond.com/outdoor-decor/outdoor-fountains?i=22475&featuredproduct=21161984&featureadoption=35209300&ci_sku=26936081-000-000&cnc=US&cid=317874&track=bpla&msclkid=96f4f0445d651e120926996f4ef4c526&utm_source=bing&utm_medium=cpc&utm_campaign=B_PLA_S_%5BDECOR%5D%7C317874&utm_term=4577404352423040&utm_content=Subcat%20-%20Decor%20(All))



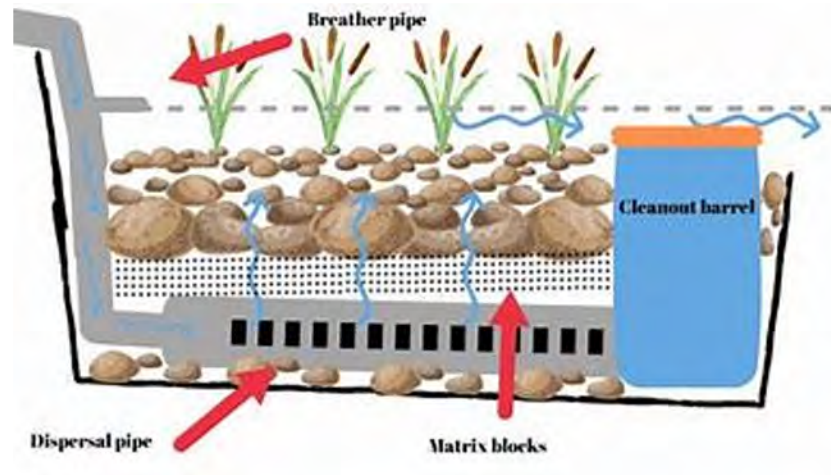
Safety Regulations

- Water features are required to be enclosed by a pool safety system: fences and gates.
- Personal Safety

https://aquariumconnection.com/pond_solutions/bog-gardens/



Bog Filter Process



<https://ozponds.com/bog-filter-diagrams/>

Things to Consider

- Shade vs sun vs partial sun
- Shade reduces algae growth
- Sun is necessary for plant growth, lilies, cattails water plants
- Sourcing Materials: liners, rocks, plants, fish
- Budget

Our Pond Process

Start May 2023

Planning the Pond Dig



Use a garden hose to outline the area you plan on digging/landscaping.



























Folding
Liner Up
Along the
Edge



















White Water Lily Flower

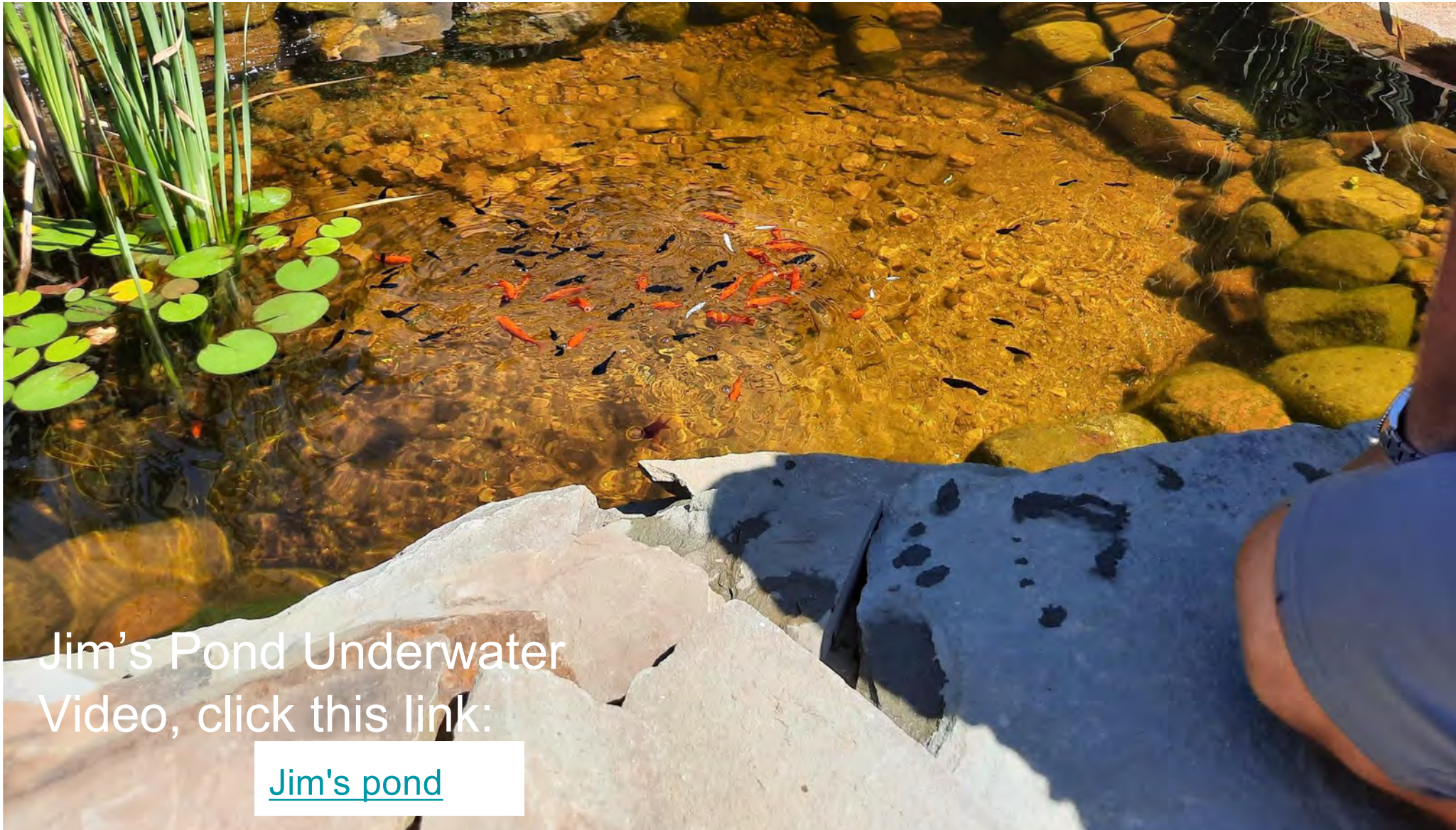


Cattails

Dragon Fly







Jim's Pond Underwater
Video, click this link:

[Jim's pond](#)

Early Spring



Landscaping around the pond: trees, shrubs, perennials





Hens and Chicks



Montauk Daisy

Flox

Native Long Island Bog Plants

- **Sphagnum Moss:** Essential for bog ecosystems, it retains moisture and provides habitat.
- **Cranberry** (*Vaccinium macrocarpon*): A low-growing shrub known for its edible berries.
- **Pitcher Plant** (*Sarracenia purpurea*): A carnivorous plant that thrives in wet, acidic soils.
- **Swamp Milkweed** (*Asclepias incarnata*): Attracts pollinators and supports local butterfly populations.
- **Blue Flag Iris** (*Iris versicolor*): A beautiful flowering plant that prefers wetland areas.
- **Marsh Marigold** (*Caltha palustris*): Bright yellow flowers that bloom in early spring, found in wet habitats.







Oz Ponds Bog Filter Video

<https://youtu.be/NDrOEnmKGak>





DIY: large patio bog filter

<https://youtu.be/oFc0oT5Zhks>

Link for Pump
on Amazon

Pump Link



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Personal notes

Pond

Keep people safe, keep fish safe
Lined with landscaping/ industrial felt 6mm thick less than .25 inch, protect liner being g pinched

Oak barrels, miniature ponds
.25 diameter inch hose and pond pump needs to fill and overflow,
Kevin, oz ponds

Felt below and above, allows natural bacteria to grow on liner
Canna/Milkweed in bog filter, plants ammonia changes to nitrates then nitrites through filter
200 gal tub for waterfall,
Pond liner
Water clarity with bog filter/waterfall

Mollies
Driftwood
Moving Boulder 700lbs plus, using boards and water, fulcrum and lever to slide the boulder

Hoist on truck boom, strap, cable, jack, to move rocks
"Good luck with that e my brother and I tried to move it last week"

Rented garden mini excavator

Large ponds need clay lining

Dolomite from upstate ny, dense sedimentary rock, releases ph
<https://www.google.com/search?ie=UTF-8&client=ms-android-americanovil-us-revc&source=android-browser&q=minerals+from+dolomite+rocks>