

Beaufort Conservation News

Annual Report

July 1, 2021 - June 30, 2022



Beaufort Soil and Water Conservation District is a governmental subdivision of the state. Annual and long-range programs of conservation and development within the District boundaries are developed and carried out with the assistance of local, state, and federal agencies. The District publishes an annual report in the fall of each year.



2022

**BSWCD ANNUAL
DAN WINDLEY
ENVIRONMENTAL
FIELD DAYS AT
GOOSE CREEK
STATE PARK**

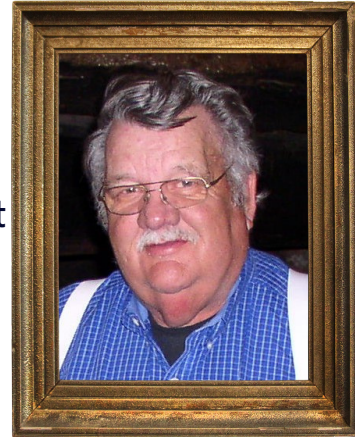


SUPERVISOR AND STAFF UPDATE

Long Time BSWCD Supervisor Joe Rogers Passes Away

Long time Supervisor Joe Rogers of Washington, NC passed away on October 31, 2021. He had been a member of the Beaufort Soil and Water Conservation District's Board of Supervisors since 1985, and Vice-Chairman since January 1997.

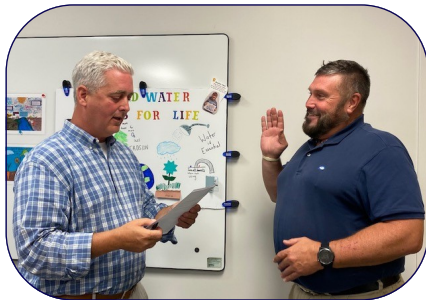
Joe was a 1961 graduate of Washington High School, Washington, NC and was also a National Guard member. He was a member of Old Ford Church of Christ where he served as a past board member, charter member of the Old Ford Volunteer Fire Department, a member of the Old Ford Ruritan Club, and a charter member of Washington's FFA. Mr. Rogers was the owner of Handy Joe's Landscaping.



He is survived by his wife, Doris, daughters, Jane R. Alligood, Debbie R. Hodges, and Blair R. Giles, and six grandchildren.



C. Wayne Black, Jr. Sworn in as BSWCD Supervisor



Cedric Wayne Black, Jr. was sworn in by Beaufort County Clerk of Superior Court, Marty Paramore, at the June Board Meeting of the Beaufort Soil and Water Conservation District. Mr. Black is a new appointment, approved by the North Carolina Soil and Water Conservation Commission, upon recommendation by the Beaufort Soil and Water Conservation District Board, to complete the unexpired office term of Joe Rogers, who passed away unexpectedly in October 2021.

In 1991, Mr. Black graduated from East Carolina University with a BS in Biology. He is the Assistant Public Works Director for the City of Washington, Vice-President of Beaufort County Farm Bureau, and on the Board of Directors with TriCounty RiverStreet Telecommunications.

Wayne resides in Pantego and assists other family members with Black Brothers Farms.

SUPERVISOR AND STAFF UPDATE

FALL MEETING

The Area 5 Fall Meeting was held virtually on November 16, 2021, and was hosted by the Martin County Soil and Water Conservation District. Due to Covid-19 restrictions and for everyone's safety, the Area 5 Executive Committee voted to have this year's meeting online.

Chairman Richard Cannon (Martin SWCD) called the meeting to order and welcomed everyone attending. Roll Call was taken by Vice-Chairman Steve Harris (Pasquotank SWCD) and the Treasurer's Report was given by Maurice Berry, Jr. (Pasquotank SWCD).

The guest speaker was Debbie Hamrick, Director of Specialty Crops with NC Farm Bureau Federation. Debbie shared her presentation on "Six things the farmer I know wished everyone knew about agriculture."

Standing Committee and Partnership Reports were given and then the meeting adjourned.

Attending the online meeting at the Beaufort Soil and Water Conservation District Office were Supervisors James Allen, Tracy Warren, and Sid Cayton; Office Manager, Ann Williams; District Resource Conservation Specialist, Nathaniel Woolard; Education Coordinator, Debbie Boyd; and Team 14 Supervisory Soil Conservationist, Bill Gardiner.



ANNUAL MEETING

The 78th Annual NC Association of Soil and Water Conservation Districts' Meeting was held at the Sheraton Imperial RTP, in Durham, on January 9-11, 2022. Blount Knowles, 2022 NCASWCD President, presided over the meeting. This year's theme was "Back in the Saddle." After being held virtually in 2021, the meeting was held face to face this year. Beaufort Soil and Water Conservation District Supervisor Tracy Warren was sworn in again as Assistant Chaplain and lead the Memorial Service for those members that had passed away this year, including our own District Supervisor, Joe Rogers, who passed away on October 31, 2021. Attending from Beaufort Soil and Water Conservation District were Supervisors James Allen and Tracy Warren.

SPRING MEETING

The Area 5 Spring Meeting was held virtually on Thursday, February 17, 2022. Chairman Richard Cannon presided over the meeting. Presentations were made on Streamflow Rehabilitation Assistance Program (StRAP) and The Lake Guard Technology... Scalable Solution to Remediate HABS. Standing Committee Reports and Partnership Reports were given.

Attending online were Supervisors James Allen, Sid Cayton, Tracy Warren; Office Manager Ann Williams; District Resource Conservation Specialist Nathaniel Woolard; and Education Coordinator Debbie Boyd.

ANNUAL PROGRAM NEWS



AGRICULTURE COST SHARE PROGRAM (ACSP)

The District has participated in the ACSP since 1987. It has been, and continues to be, a superb means of helping farmers and owners of agricultural land apply conservation measures to assist in protecting our waterways and the environment.

For Program Year 2022, the District was allocated a total of \$56,479 from the NC Soil and Water Conservation Commission. Cover Crop applications were taken until the September 27, 2021 Board of Supervisors Meeting where three Cover Crop applications and contracts were approved.

Applications for all other practices were accepted until the January 31, 2022, Board of Supervisors Meeting. During the meeting, five applications were approved for practices including two for Residue and Tillage Management, and one each for a Filter Strip, Cropland Conversion, and Lagoon Biosolids Removal. All five contracts were approved at the February 28, 2022 District Board of Supervisors Meeting. An additional application for a Water Control Structure was approved at the March 21, 2022 District Board of Supervisors Meeting, and the contract approved at the May 17, 2022 meeting.



AGRICULTURAL WATER RESOURCES ASSISTANCE PROGRAM (AgWRAP)

Mandated in 2011, AgWRAP was established to assist farmers and landowners in increasing water use efficiency and availability on agricultural land and to conserve and protect water resources using best management practices.

For Program Year 2022, the District was allocated \$18,000 by the NC Soil and Water Conservation Commission. At the September 27, 2021 Board of Supervisors Meeting, one application for Agricultural Water Collection & Reuse System (Transfer Pump) was approved. The contract was approved at the October 18, 2021 Board of Supervisors Meeting.

2016 DISASTER RECOVERY PROGRAM

The beaver removal portion of the 2016 Disaster Recovery Program was completed on December 30, 2021. The contract expired on December 31, 2021. All work was completed and paid for.



BEAUFORT COUNTY BEAVER BOUNTY PROGRAM

Established in 2004, the county's Beaver Bounty Program reimburses registered landowners \$10 per beaver tail for beavers trapped on their property. There was no activity in this program during Fiscal Year 2021-2022. Since the program's establishment, 76 landowners and 24 trappers have registered for participation in the program. A total of \$6,250 has been paid to landowners for 625 beaver tails.

ANNUAL PROGRAM NEWS

2020 WATERSHED RESTORATION PROJECT

Phase I of the 2020 Watershed Restoration Project resumed in October 2021. Phase I was completed on March 2, 2022. A total of 127,700 linear feet of streams and creeks in Beaufort County were cleared during Phase I. Phase II of the 2020 Watershed Restoration Project began in December 2021. Phase II was completed on February 23, 2022. A total of 56,600 linear feet of streams and creeks in Beaufort County were cleared during Phase II. Phase III of the 2020 Watershed Restoration Project is scheduled to begin in October of 2022 with a completion date projected in February 2023.



BEFORE

AFTER



ANNUAL EDUCATION NEWS



2021 BEAUFORT SOIL AND WATER CONSERVATION DISTRICT ANNUAL DAN WINDLEY ENVIRONMENTAL FIELD DAYS AT GOOSE CREEK STATE PARK

The Beaufort Soil and Water Conservation District held its Annual Dan Windley Environmental Field Days at Goose Creek State Park for Beaufort County Fifth Graders, November 2-4, 2021. Over 600 students and teachers were invited to attend the event.

The event was held entirely outside this year. Attendees rotated through six stations including Aquatics, Soils, Conservation, Forestry, Wildlife, and Wetlands.

The District appreciates the assistance of all those involved that make this yearly event possible.



ANNUAL EDUCATION NEWS

2022 ENVIROTHON EVENTS

The 2022 Areas 5 and 6 Coastal Envirothon was held at Weyerhaeuser's Cool Springs Environmental Education Center in Craven County on March 15, 2022. Beaufort County teams competing were the Name Unknown, Evolution, Name ?, and the Marbled Salamanders from Northside High School, The Great McBean Team, from Beaufort Early College High School, and The Fearsome Foursome, The Pollutants, The Tree Huggers, and 5 Guys from Northeast Elementary. Beaufort County's Envirothon advisors are Daphne Cullom, Northside High; Melanie Simmons, Northeast Elementary; and Tabitha Roberson, Beaufort County Early College High School.



Beaufort Early College
7th Place-High School
Coastal Envirothon
(L to R) Audrey Miller, Alex Plasencia Garcia,
Alan Plasencia Garcia, Louis Adams



**Beaufort Early College
High School**

ANNUAL EDUCATION NEWS



Northeast-Tree Huggers
4th Place-Middle School
Coastal Envirothon
(L to R) Lilley Tuten, Kira Gibbs,
Piper Johnson, Chloe Black, Olivia Ellis

**Northeast
Middle School**



Northeast-5 Guys
6th Place-Middle School
Coastal Envirothon
(L to R) Itzel Betacourt Garcia, Abigail Bartle, Danna
Cordova, Payton Barrow, Alexis Hudson

ANNUAL EDUCATION NEWS



**Northeast
Middle School**

Northeast-Fearsome Foursome
1st Place-Middle School
Coastal Envirothon
(L to R) Sam Doane, Trexler Gray,
Adan Plasencia-Garcia, Sandler Molt



Northeast-The Pollutants
3rd Place-Middle School
Coastal Envirothon
(L to R) Austin Alonso-Burgos,
Emerson Asby, Cesar Garcia



ANNUAL EDUCATION NEWS



Northside
High School

Northside-Name Unknown

2nd Place-High School

2022 Coastal Envirothon

(L to R) Madison Johnson, Zachary Bond, Bryson Proctor,
Arie DeHoog, David Guy



Northside-Evolution

4th Place High School

2022 Coastal Envirothon

(L to R) Tyler Moore, Kenan Woolard, Mason Newman,
Evan Roberson, Tucker Proctor

ANNUAL EDUCATION NEWS



Northside-Name ?
High School
2022 Coastal Envirothon
(L to R) Chris Alonso, D.J. Ormond, Jack DeHoog,
Eder Alonso, Famous Wilson



**Northside
High School**

Northside-Marbled Salamanders
High School
2022 Coastal Envirothon
(L to R) Jamie Major, Keniyah Whitley,
Nichaya Weston, Emma Barrett

ANNUAL EDUCATION NEWS



Beaufort Soil and Water Conservation District Contests



"Soil and Water... Yours for Life" was the theme for the 2022 poster and essay contests sponsored by the Beaufort Soil and Water Conservation District. The poster contest was open to all students in 3rd-5th grades in the county. The essay contest was for 6th graders only. There were 117 total entries this year, with no 3rd grade entries. Area schools submitting posters and/or essays were John Small School, Pungo Christian Academy, and Unity Christian Academy.

The competition starts at the county level. First, second, and third place winners receive cash prizes. Teachers who have first place student winners also receive cash prizes. First place winners in the Beaufort County competition advance to Area 5, where they compete with other Soil and Water Conservation Districts in the sixteen counties making up the eastern NC region. Area 5 first place winners advance to the North Carolina Division of Soil and Water Conservation State competition in Raleigh, where they compete with other first place area entries submitted from across the state of North Carolina.

After receiving first place in the 4th grade county poster competition, Hailie Crider, a student at Pungo Christian Academy, received first place and a cash prize in the Area 5 competition, and second place and a \$100 check in the state competition.

Jimmy Moore, a student at Unity Christian Academy, received first place and a cash prize in the county and Area 5 competition, and second place and a \$100 check for his 5th grade poster in the state competition.

Kayleigh Ballance, a student at Unity Christian Academy, received first place and a cash prize in the county and Area 5 competition, and honorable mention in the state competition for 6th grade essay.

Debbie Boyd, Education Coordinator with the Beaufort Soil and Water Conservation District, presented ribbons and cash prizes to the winners at an awards ceremony held in May. "Thank you to the schools, teachers, and students that participated this year. We are proud to say this is the third year in a row that Beaufort County has had STATE poster/essay winners. We look forward to next year's contest!"

The 2023 contest theme will be "Water...the Cycle of Life."



Poster/Essay winners pictured with their ribbons, awards are:

Front row left to right: Yareli Perez-Guerrero (John Small), and Hailie Crider (Pungo Christian Academy)

Middle row left to right: Allison Russell and Victoria Morales (John Small), Daisy Cherry, Jimmy Moore, Kayleigh Ballance, and Bryson Mills (all from Unity Christian Academy) Not pictured: Braelen Neal (Pungo Christian Academy)

Back row left to right: Teachers Lisa Moore (John Small), Susan Knox (Pungo Christian Academy) and Angie Kolibabek (Unity Christian Academy).

Soil and Water...Yours for Life

ANNUAL EDUCATION NEWS

4TH GRADE POSTER CONTEST



Soil and Water...Yours for Life

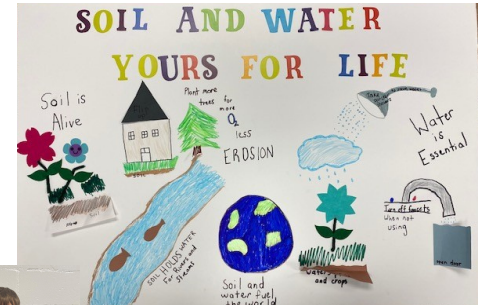


Soil and Water...Yours for Life

Hailie Crider
1st Place District, Area,
2nd Place State
Pungo Christian Academy
Teacher: Susan Knox



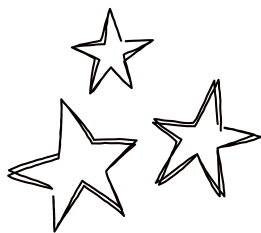
Yareli Perez-Guerrero
2nd Place District
John Small School
Art Teacher: Lisa Moore



Braelen Neal
3rd Place District
Pungo Christian Academy
Teacher: Susan Knox



5TH GRADE POSTER CONTEST



Jimmy Moore
1st Place District, Area,
2nd Place State
Unity Christian Academy
Teacher: Angie Kolibabek



Allison Russell
2nd Place District
John Small School
Art Teacher: Lisa Moore



Victoria Morales
3rd Place District
John Small School
Art Teacher: Lisa Moore

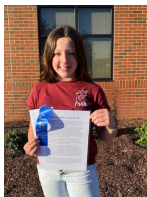


ANNUAL EDUCATION NEWS

6TH GRADE ESSAY CONTEST

Kayleigh Ballance

1st Place District, Area,
Honorable Mention State
Unity Christian Academy
Teacher: Angie Kolibabek



Soil and Water...Yours for Life

Soil and Water...Yours for Life!

Have you ever wondered what life would be like without soil or water? Most people probably have never thought about living without them. There are a lot of things that depend on these two resources to survive, including you and me! That's why it's important for us to keep and maintain our soil and water for the future.

Although we may not realize it, soil provides us with the nutrients we need to stay alive. We depend on soil to grow plants that we need for food and to make things we depend on for our day-to-day lives. Soil also provides a home for tons of different types of animals. Farmers, like my PaPa, have been using different methods to reduce the amount of soil erosion by changing the type of crops he plants, not plowing the field each season, and using seeds that have been modified to reduce the number of pesticides required to grow a healthy crop. Using the same methods as farmers, you and I can grow and do our part in maintaining a healthy soil while raising fruits and vegetables in the garden.

Another resource that we take for granted is water. We need water to survive. Water is needed to grow food, take showers, wash dishes, and clean the air. Without water, there would be no life on earth! It is nice that we can just turn on the faucet and have what seems to be an endless supply of clean water. Water that we have on earth now is all the water we will ever have!

The quality of our water and soil depends on multiple factors. When we use fertilizers and pesticides on our gardens or flowers correctly, it can reduce pollution and soil erosion. By checking the weather for heavy rain before using these products we can reduce the chances of unwanted runoff. Heavy rains can cause chemicals to run into storm drains, ditches, streams, rivers, lakes, and ponds. We can reduce soil and water pollution by throwing our pets' waste away properly. Pet waste will contribute to pollution and organisms carrying diseases. These are just a few of the ways we can help reduce nutrients from leaving the soil and keep our water clean. Who wants to drink a glass of water that has poop in it? Most definitely, not me!

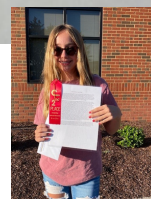
If we don't save these natural resources, soil erosion can happen. Farmers would have no fields to plant their crops. Our water and air can become polluted. These factors will cause our food supply to become contaminated. We must learn ways to conserve water and protect our soil from contamination. We are only given one life to help keep the soil and water usable for future generations.

Soil and Water...Yours for Life

Did you know that water covers about 71 percent of the Earth's surface? Water is one of the most important natural resources for plants, animals, and human lives! Soil is also fundamental in growth of food and production of textiles. Think about all of the things we use soil and water for, we simply could not live without them. Unfortunately, pollution of our soil and water happens constantly throughout our everyday lives. As the world becomes more technologically advanced, the conscious decision to protect our soil and water has dwindled. It is time to make a change.

If soil and water are so important, why are people polluting it? Some people can be careless about things like pet waste, trash, discard of plastics, poisonous toxins and hazardous waste! We must educate others and set an example in our everyday lives to stop introducing hazards to our most essential resources. Think about some things you can do in your everyday life that could help protect our soil and water? One way I can think of is helping reduce environmental hazards such as animal waste. Yes, animal waste is actually considered an environmental hazard! It's fun to walk our dogs, they are so sweet and playful but just like us they produce waste. Being mindful of how and where we dispose of animal waste is important because it contains two main pollutants, nutrients and pathogens, which harm local soil and waters. So remember, "Scoop your poop" when out walking your animals; don't leave it on the ground to pollute our soil and water. Limiting the congregation of waterfowl along our waters is another way to decrease animal waste. The boardwalk in downtown Washington is a cheerful place to come together for a walk and to watch waterfowl; however, it's important to steer clear from feeding these animals. Feeding waterfowl dry cereals or breads can cause them to concentrate in larger groups resulting in an increased quantity of waste for our local soil and water. When this waste ends up in local bodies of water, it decomposes causing excessive growth of algae and weeds. This makes the water green, murky, and even unusable for swimming, boating, or fishing. Summertime would be so boring if we could not utilize the Pamlico River for these activities. I don't know about you, but I want to spend my summer days on the river!

Simply put, it's just not safe to live around so much soil and water if it is full of hazardous waste. We have polluted some of our most precious gifts long enough. If we come together we can drastically minimize the amount of pollution in soil and waterways. The end result, a safe environment for not only humanity, but all living things. It is necessary to protect our soil and water; they are yours for life.



Daisy Cherry
2nd Place District
Unity Christian Academy
Teacher: Angie Kolibabek

HONORABLE MENTION

4th Grade Poster

Pungo Christian: Grady Sadler, Sadie Hollowell, Madeline Clayton, Lucy Niederhauser
(Teacher: Susan Knox)

John Small: Fiona Pan, Taylor Waller
(Art Teacher: Lisa Moore)

5th Grade Poster

Unity Christian: Lily Stephenson
(Teacher: Angie Kolibabek)

John Small: Brianna De Paz, Kaelynn Dunn
(Art Teacher: Lisa Moore)

6th Grade Essay

Unity Christian: Victorian Collins, Alex Wainwright
(Teacher: Angie Kolibabek)

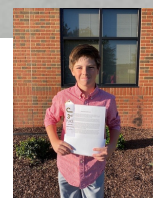
SOIL AND WATER... YOURS FOR LIFE

Healthy soil provides nutrients that are readily available for plant uptake. Therefore, it is important to maintain proper levels of soil moisture. Soil holds water, provides protection from erosion and supports and provides nutrients for root systems, making it essential for water filtration. Healthy soil is critical for clean water and that is why we need healthy soil and water.

Soil isn't just soil, and water isn't just water. We need soil for our bodies to stay healthy. If we didn't have healthy soil, farmers would be unable to farm our crops and grow vegetables and thus, we would not have food. One way to keep soil clean is not to pollute it or harm it. For example, don't put gas or oil into it because this would contaminate the soil and eventually, contaminate our water supply, too.

My dad owns Mills Metal Recycling, which is a recycling yard that purchases old, junk cars from the public. In order for customers to be able to sell their vehicle, they must first have a hole in the fuel tank of their vehicle and the fuel must be drained. There are some who are unable to cut a hole in their fuel tank so my dad does it and then, he stores the oil and gas in a bin until a company called Noble Oil comes to pick up all the gas and oil. Noble Oil brings it to different factories so they can use all of the gas and oil to make it into generator power. My dad recycles oil and gas so that the soil doesn't have it and by doing this, he is helping to keep the soil healthy.

Healthy soil is important because it is essential for plants, human nutrition, and water filtration. We need healthy soil for healthy crops, which provides us with the food that we eat. Soil cleans our water and protects us from pollutants. Soil provides nutrition and water that plants and roots need to stay healthy and nutritious. Soil provides plants with a foothold for their roots and holds the necessary nutrients for plants to grow. Therefore, we need healthy soil and water in order to keep our bodies healthy.



Bryson Mills
3rd Place District
Unity Christian Academy
Teacher: Angie Kolibabek

ANNUAL EDUCATION NEWS



2022 RESOURCE CONSERVATION WORKSHOP

BRADEN ARMSTRONG

NC high school students participated in the annual Resource Conservation Workshop June 26-July 1, 2022, in Wake County. The event was held on the campus of North Carolina State University for the first time in two years due to the Covid-19 pandemic interruption.

Soil and Water Conservation District Boards across the state chose students to participate in the workshop based on demonstrated conservation interests. Four days of resource topics were taught by an innumerable number of resource professionals and NC State University staff. Students also received information and insight into careers in natural resource management throughout the week. The fifth day culminated the classroom and field sessions where a written exam was conducted.

Beaufort Soil and Water Conservation District was represented by Braden Armstrong, son of Darren and Dawn Armstrong, a student at Pungo Christian Academy.

The Resource Conservation Workshop is made possible by various organizations including North Carolina State University, Division of Soil and Water Conservation, Soil and Water District Staff and Supervisors across the state of North Carolina, the North Carolina District Employees Association, and the North Carolina Association of Soil and Water Conservation Districts.

Current freshmen, sophomores or juniors who are interested in attending the 2023 Resource Conservation Workshop may contact the Beaufort Soil and Water Conservation District's Office at 946-4989, Ext. 3.

2022 STEWARDSHIP WEEK

The National Association of Conservation Districts (NACD) held its 67th Annual Stewardship Week April 24-May 1, 2022. Beaufort Soil and Water Conservation District, a member of NACD, participated in the theme "Healthy Soils, Healthy Life."

During the year, the Beaufort Soil and Water Conservation District promotes stewardship through our various education programs. Materials promoting the theme were distributed by the District.





Board meetings are open to the public and are held the 3rd Monday of each month, except July and August, at 5:30 p.m. in the office of the:

Beaufort Soil and Water Conservation District
Beaufort County Agricultural Center
155 Airport Road
Washington, NC 27889



James Allen
(Board Chairman)



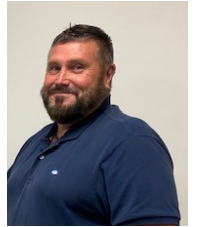
Tracy Warren
(Board Vice Chairman)



Sid Cayton
(Board Supervisor)



Archie Griffin
(Board Secretary)



Wayne Black
(Board Supervisor)



District Staff

Ann Williams
Office Manager

Nathaniel Woolard
District Resource Conservation Specialist

Debbie Boyd
Education Coordinator

USDA-NRCS

Doug Wassum
Interim Team 14
Supervisory Soil Conservationist

Anthony Hester
Soil Conservation Technician

Soil and Water...Yours for Life

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