

CONSERVING WATER AND PROTECTING WATER QUALITY WITH RAIN BARRELS

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PARTNERS

- COLORADO STATE UNIVERSITY
 - ONE WATER SOLUTIONS INSTITUTE
 - COLORADO STORMWATER CENTER
(STORMWATERCENTER.COLOSTATE.EDU)
- SPLASH (STORMWATER PERMITTEES FOR LOCAL AWARENESS OF STREAM HEALTH, SPLASHCO.ORG)
 - SOUTHEAST METRO STORMWATER AUTHORITY
 - ARAPAHOE COUNTY
- CHERRY CREEK STEWARDSHIP PARTNERS/COLORADO WATERSHED ASSEMBLY



AGENDA

- INTRODUCTIONS AND SPLASH PROGRAM
- WHY DO WE NEED TO CONSERVE WATER?
- WHAT IS RAINWATER HARVESTING?
- COLORADO RAIN BARREL REGULATIONS
- TYPES OF RAIN BARRELS
- SUPPLIES NEEDED
- HOW TO INSTALL
- WINTERIZING, MAINTENANCE, FAQ
- DECORATING YOUR BARREL



WHO IS SPLASH?

SPLASH IS A CO-OPERATIVE OF TOWNS, CITIES, AND SPECIAL DISTRICTS WITH A COMMITMENT TO PROTECT WATER QUALITY AND EDUCATE THE PUBLIC ON HOW WE CAN ALL REDUCE STORMWATER POLLUTION.

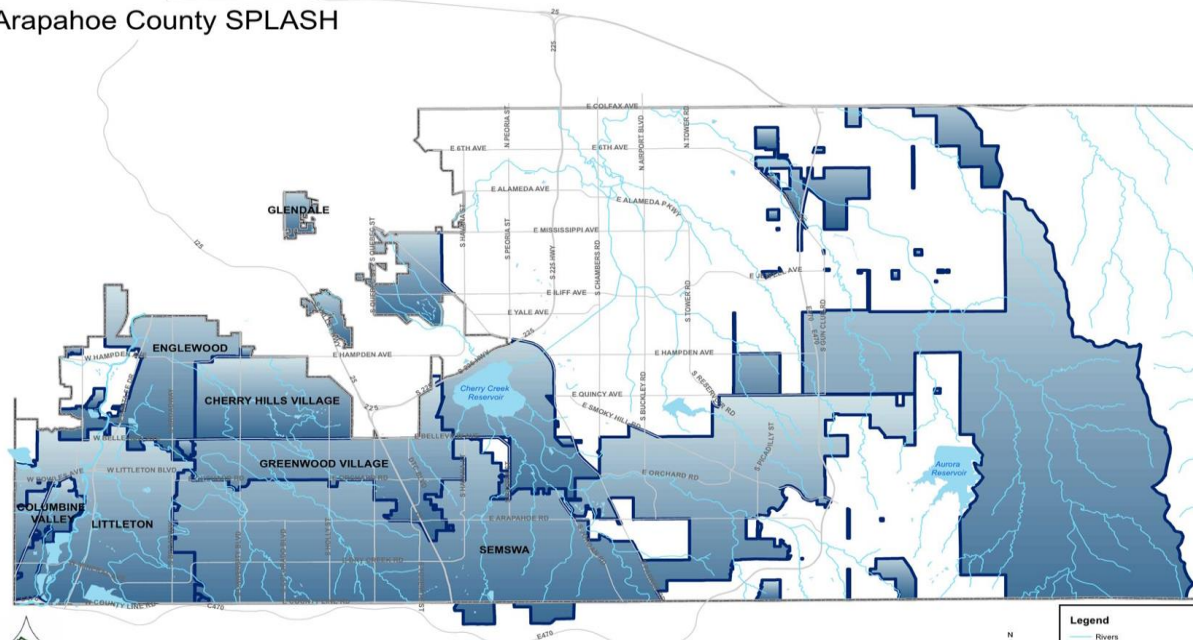


Splash

SPLASH MEMBERS



Arapahoe County SPLASH



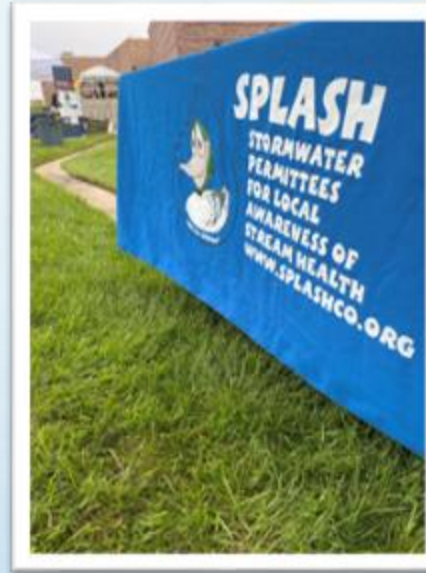
Map Note:
For more information on SPLASH, please visit www.splashco.org.
GIS Data Provided by Arapahoe County GIS and SEMSWA GIS.
Map Printed: 2/12/18



Legend	
	Rivers
	Major Roads
	Lakes
	Arapahoe County Boundary
	SPLASH Members

WHAT DOES SPLASH DO?

- SPLASH MEMBERS ENGAGE IN OUTREACH TO GIVE OUR COMMUNITY MEMBERS SIMPLE, EFFECTIVE TOOLS TO REDUCE STORMWATER POLLUTION.
- WE HAVE LOTS OF EDUCATIONAL RESOURCES FOR HOA'S, BUSINESSES, AND RESIDENTS ON OUR WEBSITE!
- [HTTPS://WWW.SPLASHCO.ORG/](https://www.splashco.org/)



WHAT ELSE DOES SPLASH OFFER?

- HOUSEHOLD HAZARDOUS WASTE DISPOSAL
 - MANY MEMBERS HOST RECYCLING AND DROP OFF EVENTS (SEE OUR WEBSITE FOR MORE INFO)
 - SOME MEMBERS INCLUDING SEMSWA AND ARAPAHOE COUNTY UTILIZE WASTE MANAGEMENT AT YOUR DOOR HOUSEHOLD HAZARDOUS WASTE PICK-UP!
- DOG WASTE BAGS
- AND OF COURSE....RAIN BARRELS!



SPLASH RAIN BARREL WORKSHOPS

- RAIN BARREL WORKSHOPS WERE CREATED BY SPLASH TO INFORM OUR COMMUNITY MEMBERS ABOUT WATER QUALITY AND EMPOWER THEM TO REDUCE STORMWATER POLLUTION WHILE SAVING WATER
- RAIN BARREL WORKSHOPS WERE DEVELOPED IN PARTNERSHIP WITH COLORADO STORMWATER CENTER OF CSU, AND SPLASH MEMBER VOLUNTEERS
- YOU ARE OUR AMBASSADORS!



WHY CONSERVE WATER?

CHANGE BY COUNTY

From 2020-2021, 73% of the population growth was along the Front Range, compared to 95% in the previous decade. Growth in the Front Range varied by county. Denver, Jefferson, and Boulder all declined but there were increases in Douglas, Weld, El Paso Larimer and Adams. The Front Range still saw the largest population increase but the Central Mountains and Western Slope experienced faster growth.

Population Growth (2020-2021)	
1 DOUGLAS COUNTY	9,166
2 WELD COUNTY	8,851
3 EL PASO COUNTY	6,470
4 LARIMER COUNTY	2,956
5 ADAMS COUNTY	2,326

Percent Growth (2020-2021)	
1 CUSTER COUNTY	7.0%
2 MINERAL COUNTY	6.3%
3 SAN JUAN COUNTY	4.2%
4 OURAY COUNTY	3.5%
5 ELBERT COUNTY	3.5%

Largest by Population 2021	
1 EL PASO COUNTY	738,532
2 DENVER COUNTY	711,973
3 ARAPAHOE COUNTY	655,581
4 JEFFERSON COUNTY	579,654
5 ADAMS COUNTY	522,515
6 DOUGLAS COUNTY	369,286
7 LARIMER COUNTY	362,771
8 WELD COUNTY	340,133
9 BOULDER COUNTY	329,793
10 PUEBLO COUNTY	169,504
11 MESA COUNTY	157,323
12 BROOMFIELD COUNTY	75,363



COLORADO
Department of Local Affairs
State Demography Office

New water rates start Jan. 1

In October, the Denver Board of Water Commissioners adopted rate changes to help pay for critical upgrades and projects to keep the water system operating efficiently.

The rate changes will take effect Jan. 1, 2023, and will increase monthly bills for most single-family customers an average, over the course of the year, of \$1 to \$4, depending on where they live and if they use water at sir 2022.


Rates

2023 Aurora Water Rate Information

Like many things in life, the cost of treating and delivering water is being affected by inflation. We're also seeing greater cost to maintain and improve our system to ensure reliability as it continues to age. For 2023, water rates will have an overall increase of 4%, while sewer rates will go up by 5% and storm drain fees will go up by 3.5%. Residential water tiers were modified in 2021 to promote affordability and conservation with no change to the Tier I rate.

RESIDENTIAL WATER USE

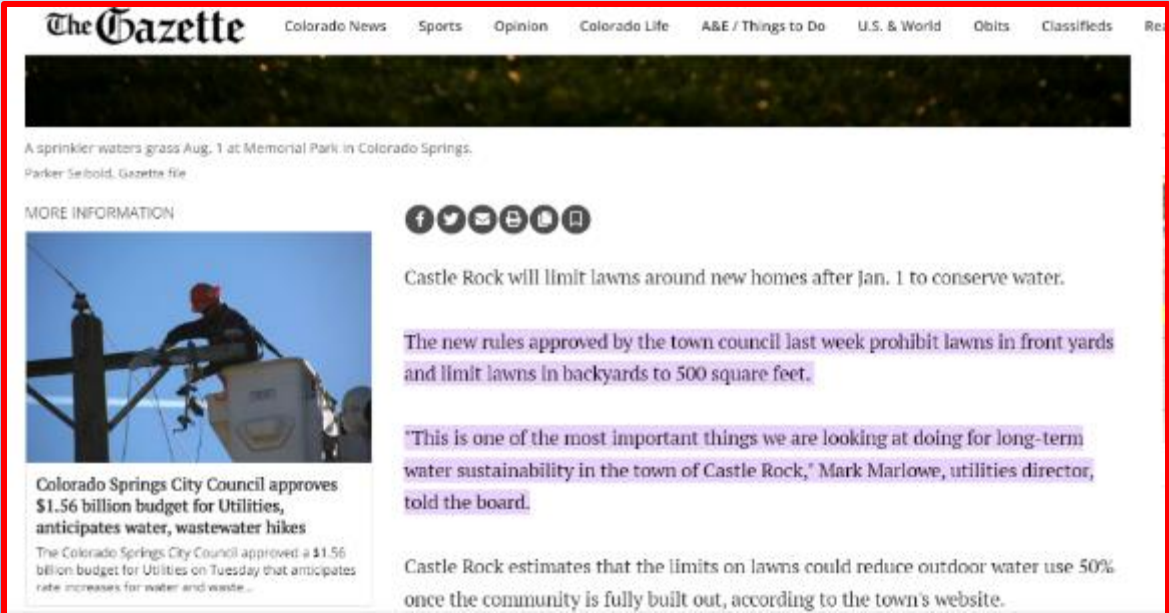
- AVERAGE PERSON IN US USES 160-200 GALLONS PER DAY
- ~HALF OF THAT GOES TOWARDS OUTDOOR IRRIGATION



The screenshot shows the Water Education Colorado website. The header includes the logo and navigation links: Fresh Water News, Publications & Radio, Programs & Events, Get Involved, and About Us. The main headline reads "Cash for Grass: Colorado to pay for turf removal, boost water conservation". Below the headline, it says "by Caitlin Coleman | Nov 30, 2022 | Climate and Drought, Conservation and Efficiency, Land Use, Water Legislation, Water Supply". There are social media icons for Facebook, Twitter, and Email, and a Print button. A "Sponsored By" section features a logo for "YOU ARE COLORADO" with the tagline "So are we!" and a small image of a water tap.



The screenshot shows a news article from The Denver Gazette. The headline is "Turf restrictions on new development approved by Aurora council". The byline reads "Jessica Gilbo, jessica.gilbo@denvergazette.com Sep 12, 2022 Updated Oct 27, 2022". The article text is partially visible, mentioning "A sprinkler waters grass Aug. 1 at Memorial Park in Colorado Springs."



The screenshot shows a news article from The Gazette. The headline is "Castle Rock will limit lawns around new homes after Jan. 1 to conserve water." The byline reads "Parker Seibold, Gazette file". The article text includes: "The new rules approved by the town council last week prohibit lawns in front yards and limit lawns in backyards to 500 square feet." and "This is one of the most important things we are looking at doing for long-term water sustainability in the town of Castle Rock," Mark Marlowe, utilities director, told the board. The article also mentions "Castle Rock estimates that the limits on lawns could reduce outdoor water use 50% once the community is fully built out, according to the town's website."

WHAT CAN WE DO?

- FIX LEAKS
- INSTALL/REPLACE WATER EFFICIENT TOILETS, CLOTHES WASHERS, SHOWERHEADS, ETC.
 - CHECK FOR REBATES FROM YOUR WATER PROVIDER
 - LOOK FOR WATERSENSE PRODUCTS
- INSTALL/REPLACE IRRIGATION SYSTEM COMPONENTS
 - SPRINKLER NOZZLES
 - IRRIGATION CONTROLLER
- SWITCH TO LOWER WATER LANDSCAPING
- **RAIN BARREL(S)!!**



DENVER WATER

Residential | Business | Contractors | Education | Project Updates

Home | Rebates & Efficiency Tips | Residential Rebates

Residential Rebates

Every wasteful old toilet you replace with a sleek, WaterSense-labeled, 1.1 gallons per flush or less model, and every old sprinkler head you replace with a straight-shooting rotary nozzle, brings us all one step closer to securing our water future well into the future.

To help you help us all by becoming more efficient with your water, we're offering to pick up part of the tab for certain, higher-efficiency models.

Rebates are available to customers who receive a water bill from Denver Water or one of these [qualifying water providers](#).

Available rebates

- WaterSense-labeled toilets: average of 1.1 gallons per flush or less (up to a \$100 rebate)
- Rotary/high-efficiency sprinkler nozzles: up to \$3 rebate per sprinkler head
- WaterSense-labeled smart irrigation controller (up to a \$75 rebate)

CITY OF AURORA » RESIDENTS » AURORA WATER » REBATES

REBATES LINKS

Rebates

Aurora recognizes the importance and scarcity of water in Colorado. Aurora Water promotes water conservation by offering many water-saving programs to ensure a sustainable supply.

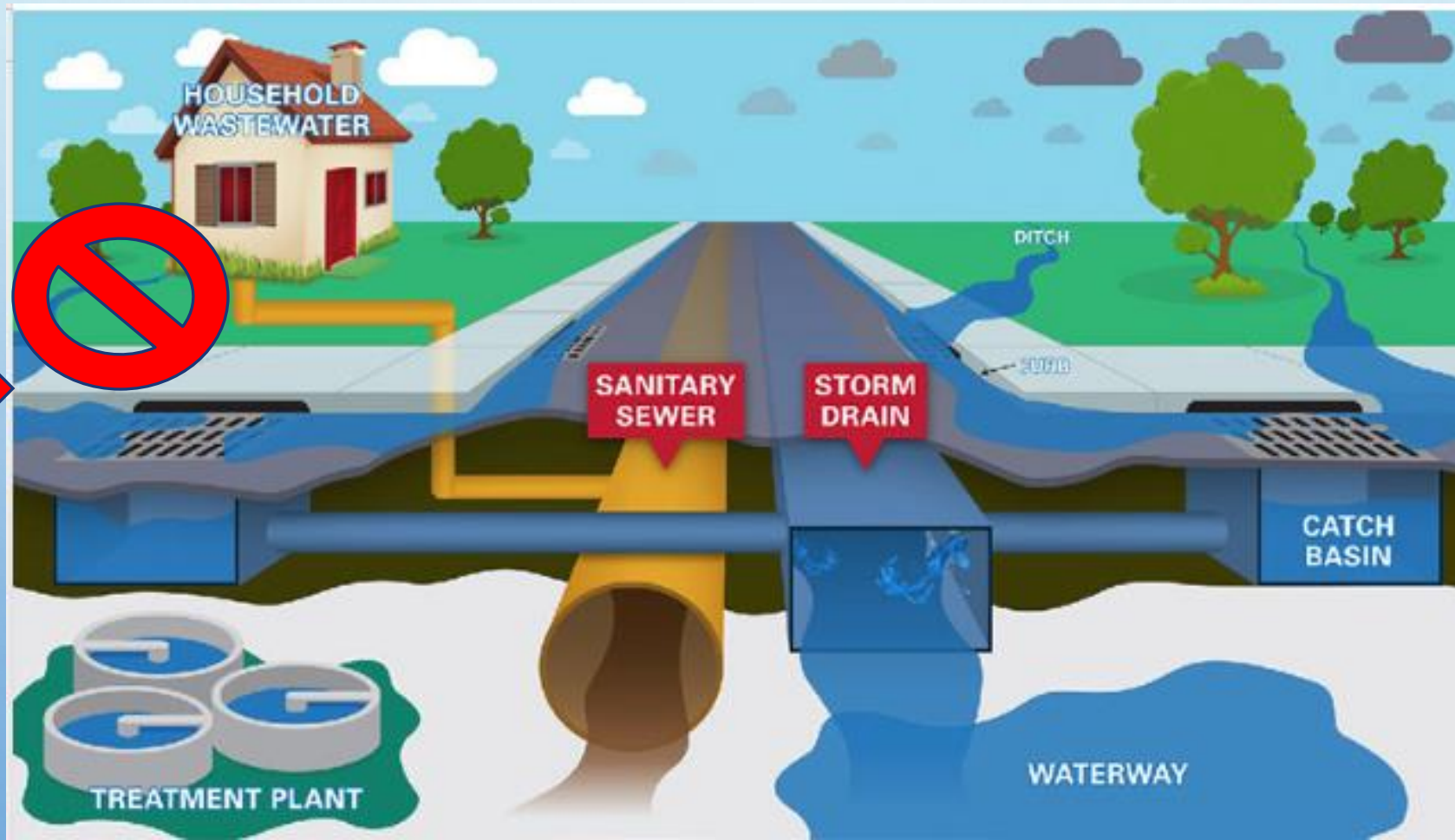
Ultra-high-efficiency Toilet Rebates
Toilets are the single highest water-consuming device in the home. Replace them with WaterSense toilets, and you could qualify for a rebate.

Grass Replacement Incentive Program (GRIP)
Maximize outdoor water efficiency by installing a sustainable, drought-tolerant landscape that uses beautiful, low-water plants.

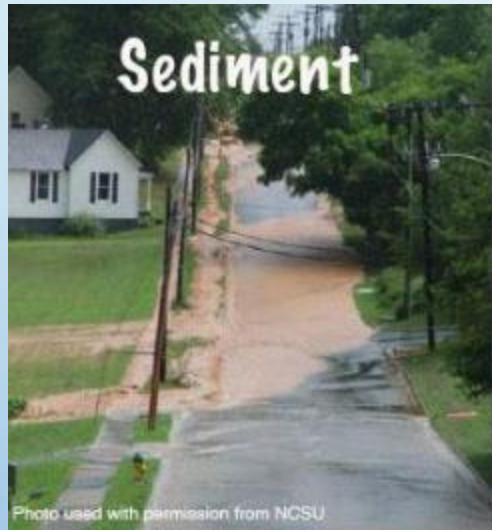
Irrigation Efficiency Rebates
We'll help pay for improvements to your irrigation system, including weather-based controllers.

Low-income Program
Aurora Water helps income-qualified customers replace old fixtures with new, high-efficiency fixtures.

RAIN BARRELS ALSO REDUCE STORMWATER POLLUTION



RESIDENTIAL STORMWATER POLLUTION



WHAT CAN WE DO?

- PICK UP AFTER YOUR PET
- NEVER PUT ANYTHING DOWN THE STORM DRAIN
- DON'T LITTER
- MAINTAIN YOUR VEHICLE
- GO P FREE
- **INFILTRATE MORE STORMWATER RUNOFF WITH RAIN BARRELS!**

Phosphorus-Free Lawn Fertilizer Guidelines



Protecting Colorado's water one yard at a time

These lawn care guidelines will help protect our watersheds and downstream conditions while saving you water, money, time, and keeping your lawn looking great all summer. Use less phosphorus when you can and keep your driveway, curb, and storm drain clean.



Lawn Fertilizer Do's

- Use phosphorus-free lawn fertilizers
- Get your soils tested about every 3 years
- Most important time to fertilize is in the fall
- Check your spreader to make sure it works
- Read and follow all fertilizer directions
- Clean up all spills, even small ones
- Calculate lawn area in square feet
- Know the three numbers (N:P:K) for your fertilizer so you can follow application rates
- Fertilize 2-4 times a season
- Know the weather forecast before applying
- Lightly water after fertilizing
- Find out what type of grass you have
- Mulching is better than bagging your clippings
- Lawn aeration and right pH levels are important
- Use phosphorus only when soil tests show low levels or if you are seeding a new lawn
- Weigh your fertilizer bag before each application

Lawn Fertilizer Don'ts

- Assume if a little is good then a lot is better
- Apply fertilizers right before a storm
- Apply fertilizer right after a storm
- Apply fertilizers to frozen ground
- Blow clippings and fertilizer into the street
- Not fertilize at all and have bare ground
- Apply during the heat of the summer
- Apply near open waters, wetlands, grassy swales, or near any impervious surfaces
- Put anything down the storm drain
- Apply fertilizers to bare ground
- Apply more than a pound of nitrogen per time
- Apply > 3 pounds of nitrogen per year
- Clean equipment in the street or driveway
- Throw away fertilizers in the trash
- Fertilize buffalo grass in the spring and fall
- Throw lawn clippings into the trash or drain



GO P FREE!

Fertilizers that contain phosphorus are harmful and unnecessary for established lawns. The phosphorus travels from stormwater drainage into nearby lakes, rivers, and streams. Phosphorus pollution causes toxic algae growth which turns the water green and can kill fish and other aquatic life. Algae can also be harmful to our children and pets. So read your fertilizer labels, apply judiciously, and avoid treating your grass with phosphorus-containing fertilizer.



HOW TO READ A FERTILIZER LABEL



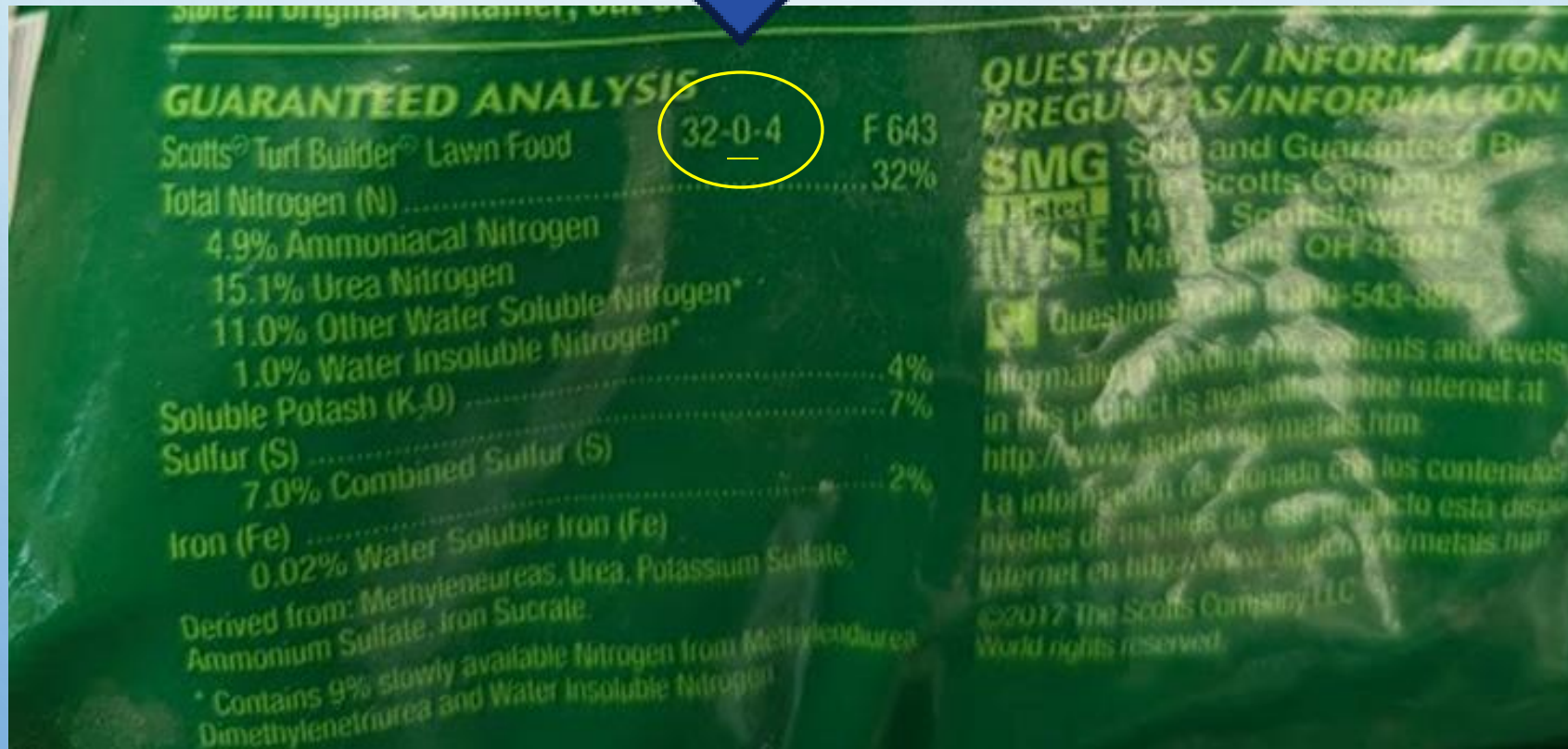
WE'RE GOOD TO GO!



N: Nitrogen

P: Phosphorus

K: Potassium



**EXPERT
GARDENER.**

ALL PURPOSE FERTILIZER

Use on Trees, Shrubs, Flowers,
and Vegetable Gardens
For Beautiful Plants, More
Vegetables & Root Growth



10-10-10



N-P-K

USING THE “N-P-K”
INDICATOR, YOU CAN
EASILY IDENTIFY AND
AVOID PHOSPHORUS-
CONTAINING
FERTILIZERS

WHAT IS RAIN WATER HARVESTING

- COLLECTING, STORING, AND PUTTING RAINWATER RUNOFF TO USE AT YOUR HOUSE.
- EASY TO COLLECT VIA THE EXISTING GUTTER SYSTEM



WHY RAINWATER HARVESTING?

- IT'S FREE!
- REDUCED DEMAND FOR TREATED MUNICIPAL WATER
- PLANTS LOVE IT!



Chocolate Flower



Catmint

DO WE GET ENOUGH RAIN?

- GREENWOOD VILLAGE
 - 18 INCHES PER YEAR
 - 1 INCH OF RAIN X 1,000 SQ FT ROOF=600 GALLONS
 - 10,800 GALLONS PER YEAR



WHAT CAN YOU DO WITH WATER FROM YOUR RAIN BARREL?

- VEGETABLE GARDENS
 - DON'T DIRECTLY WATER EDIBLE PARTS OF VEGGIES
- HANGING PLANTS
- GREENHOUSE PLANTS
- LANDSCAPING



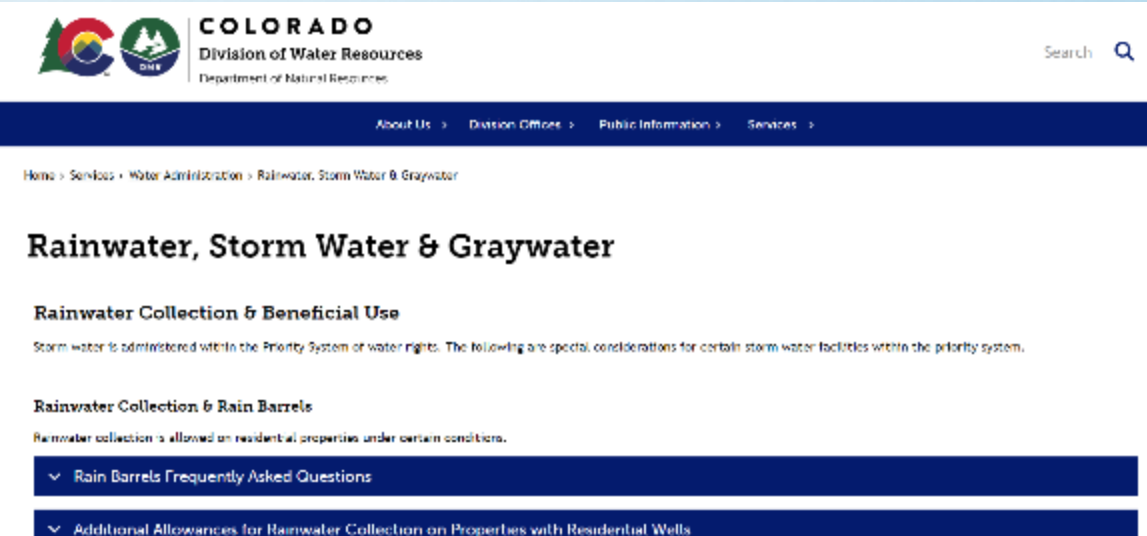
COLORADO RAIN BARREL REGULATIONS

- IN 2016, RAINWATER HARVESTING WAS LEGALIZED IN COLORADO FOR THE FIRST TIME
- MAXIMUM OF 2 RAIN BARRELS WITH THE COMBINED STORAGE OF 110 GALLONS OR LESS
- USED FOR OUTDOOR PURPOSES LIKE WATERING LAWNS, PLANTS, OR GARDENS
- CONTAINER MUST HAVE A SEALABLE LID TO PREVENT MOSQUITO BREEDING
- NEVER DRINK OR COOK WITH WATER FROM A RAIN BARREL
 - IT IS UNTREATED AND MAY CONTAIN CONTAMINATES THAT COULD HARM YOU OR YOUR PETS IF INGESTED



COLORADO RAIN BARREL REGULATION—WELLS

- RESIDENCES THAT HAVE AN EXEMPT RESIDENTIAL WELL PERMIT DO NOT HAVE A LIMIT ON HOW MUCH THEY CAN COLLECT
- NEED A ROOFTOP PRECIPITATION COLLECTION PERMIT
- HAVE TO COLLECT THE WATER FROM THE ROOF OF YOUR PRIMARY RESIDENCE
- ADDITIONAL INFORMATION WITH THE DIVISION OF WATER RESOURCES



The screenshot shows the Colorado Division of Water Resources website. The header includes the Colorado logo, the text "COLORADO Division of Water Resources Department of Natural Resources", and a search icon. A navigation bar contains links for "About Us", "Division Offices", "Public Information", and "Services". The main content area has a breadcrumb trail: "Home > Services > Water Administration > Rainwater, Storm Water & Graywater". The page title is "Rainwater, Storm Water & Graywater". Below this, there are sections for "Rainwater Collection & Beneficial Use" and "Rainwater Collection & Rain Barrels". The "Rainwater Collection & Rain Barrels" section includes a sub-section for "Rain Barrels Frequently Asked Questions" and another for "Additional Allowances for Rainwater Collection on Properties with Residential Wells".

CONSIDERATIONS

- HOME OWNER'S ASSOCIATIONS
 - CHECK WITH YOUR HOA BEFORE YOU PURCHASE YOUR RAIN BARREL
 - MAY HAVE SOME AESTHETIC OR LOCATION REQUIREMENTS
 - HOAS **CANNOT** PREVENT YOU FROM INSTALLING A RAIN BARREL
- WINTERIZATION NEEDED
 - JUST LIKE YOUR SPRINKLER SYSTEM
- THINK ABOUT SPIGOT PLACEMENT AND OVERFLOW PLANNING



TYPES OF RAIN BARRELS

- MUST HAVE A LID
 - REMOVABLE OR AN ACCESS POINT IS BEST FOR CLEANING
- SHOULD BE MADE OF THICK PLASTIC
 - NO BAGS!
- SHOULD HAVE A SPIGOT ~1-3" ABOVE THE BOTTOM OF THE BARREL
 - IF LOWER, CAN'T USE THE WATER
- SHOULD NOT HAVE A TOP THAT HOLDS WATER (MOSQUITOES!)
- SHOULD USE A DIVERter
 - KEEPS SEDIMENT, LEAVES, ETC. OUT OF THE BOTTOM OF THE BARREL
 - EASY WINTERIZATION
- SHOULD HAVE AN OVERFLOW MECHANISM
 - IF NOT USING A DIVERter





Big holes in top
 Spigot too high
 Fixed lid (no way to clean barrel)
 No overflow

WILADU 55 Gallon rain Barrel, Beige
 rainwater Collection Barrel

50+ viewed in past week

\$142⁰⁰

Planter on top (holds water)
 Spigot too high
 No lid or access to clean barrel
 No overflow



Sponsored ⓘ

Gardener's Supply Company 65 Gallon
 Rainwater Collection Urn | Rain Barrel
 Storage for Rainwater | Eco Friendly Outdoor
 Rain Catcher & Container | Hose Included |...

★★★★☆ ~ 34

\$299⁰⁰

Could spring a leak!
 No diverter or screen
 No overflow



Goplus 100 Gallon Collapsible Rain Barrel,
 Portable Rain Barrels to Collect Rainwater
 from Gutter, Rainwater Collection System,
 Water Storage Tank Catcher Container with...

★★★★☆ ~ 575

\$69⁹⁹

RAIN BARREL MATERIALS



- PLASTIC WORKS BEST
 - BE CAREFUL OF METAL DRUMS!
- CLOSED TOP
 - REMOVABLE LID (ONLY REMOVE WHEN CLEANING!)
 - SCREW CAPS
- UPCYCLED BARRELS WILL NEED ADDITIONAL CLEANING

GEN 1 (2004.....2016)



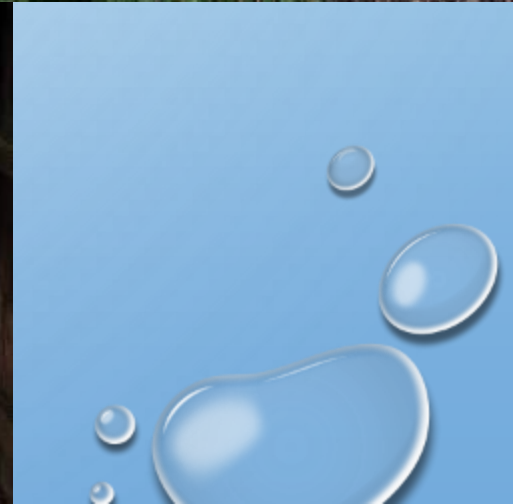
GEN 2

- CHEAP PLASTIC RAIN BARRELS ORDERED ONLINE (EXPENSIVE!)
 - LASTED 1-2 YEARS
 - SPLIT ON THE BOTTOM



GEN 3 (2019)

- SO FAR, SO GOOD
 - BACKYARD: TRICKY DOWNSPOUT
 - ADDED ANOTHER SPIGOT
 - NOW WOULD USE A DUAL SPIGOT/SPLITTER
 - BE CAREFUL OF WHICH SIDE TO DRILL/PUNCH OUT TO ADD ADDITIONAL BARRELS



GEN 4 (2021)

- THE BEST SO FAR!



Earth Minded Rain Barrel Plastic 45 Gal

★★★★★ ~ 166

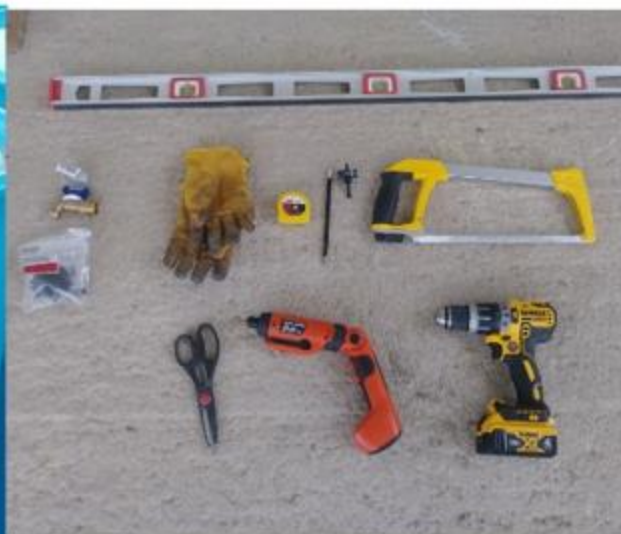
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WHERE TO BUY

- COLORADO RAIN CATCHER
- CONTAINER RECLAIMER
- BLUE BARREL
- TARGET, SAM'S, WALMART, LOWE'S, HOME DEPOT, AMAZON
- **BEWARE: CRAIGSLIST, FACEBOOK MARKETPLACE**



SUPPLIES NEEDED



- FOOD GRADE 55-GALLON BARREL WITH LID
 - CONTAINER RECLAIMER (ARVADA): \$30
 - COLORADO RAIN CATCHERS (FT. COLLINS): \$50
- RAIN BARREL CONNECTOR KIT
 - COLORADO RAIN CATCHER (\$39.50)
 - AMAZON (\$36.92)
- TOTAL: ~\$70-\$90
 - COLORADO RAIN CATCHER BARREL AND CONNECTOR KIT (\$88)
- TOOLS
 - LEVEL
 - DRILL
 - GLOVES
 - EYE PROTECTION
 - MEASURING TAPE
 - PENCIL
 - ETC.

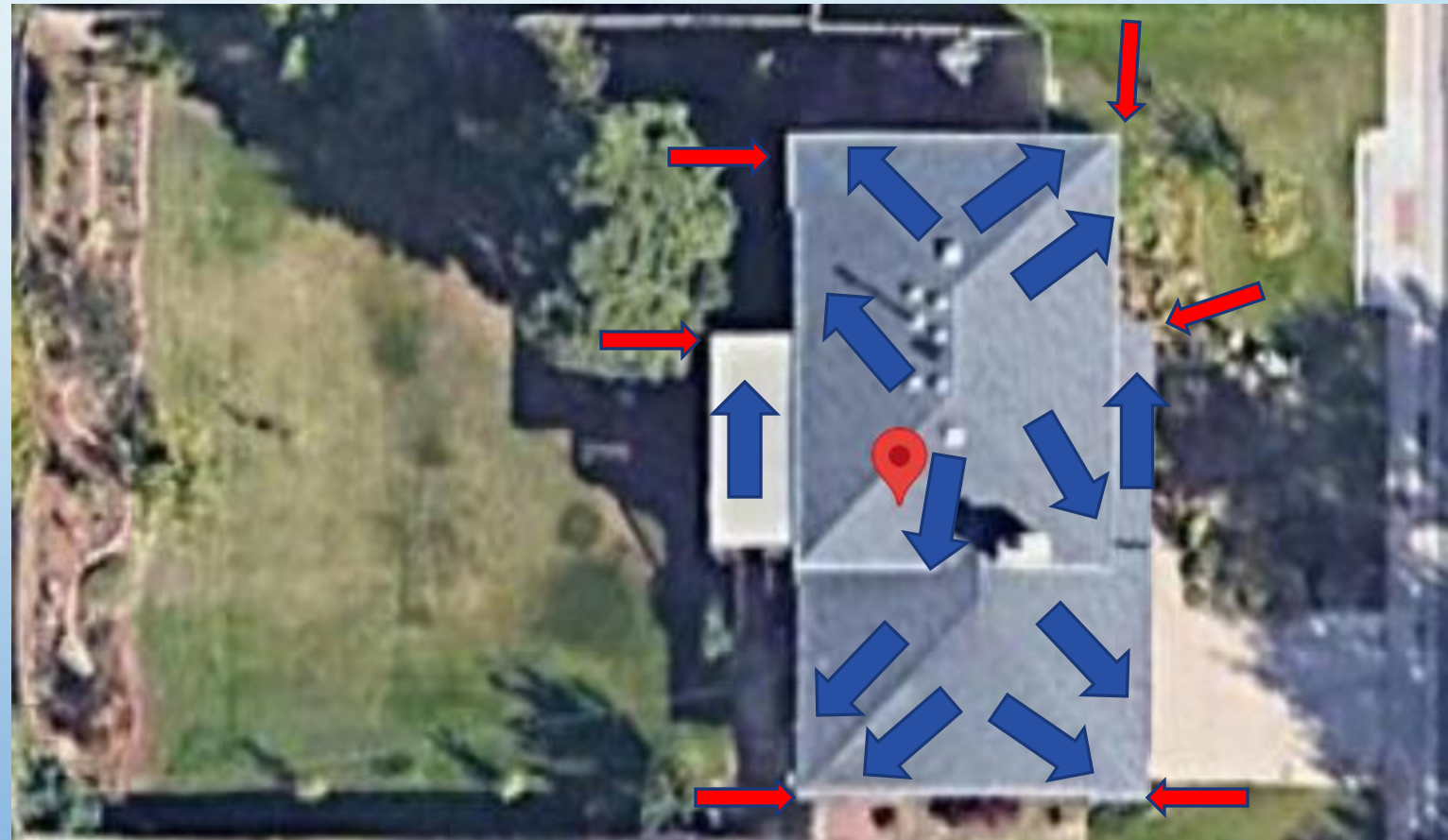
EARTHMINDER DIVERTER

- PROS
 - EASY TO INSTALL
 - DO NOT NEED TO REMOVE THE DOWNSPOUT
 - COST EFFECTIVE
 - KIT INCLUDES HOLE SAWS AND SPIGOT
- CONS
 - UNABLE TO SEE CLOGS
 - POTENTIAL FOR CLOGGING



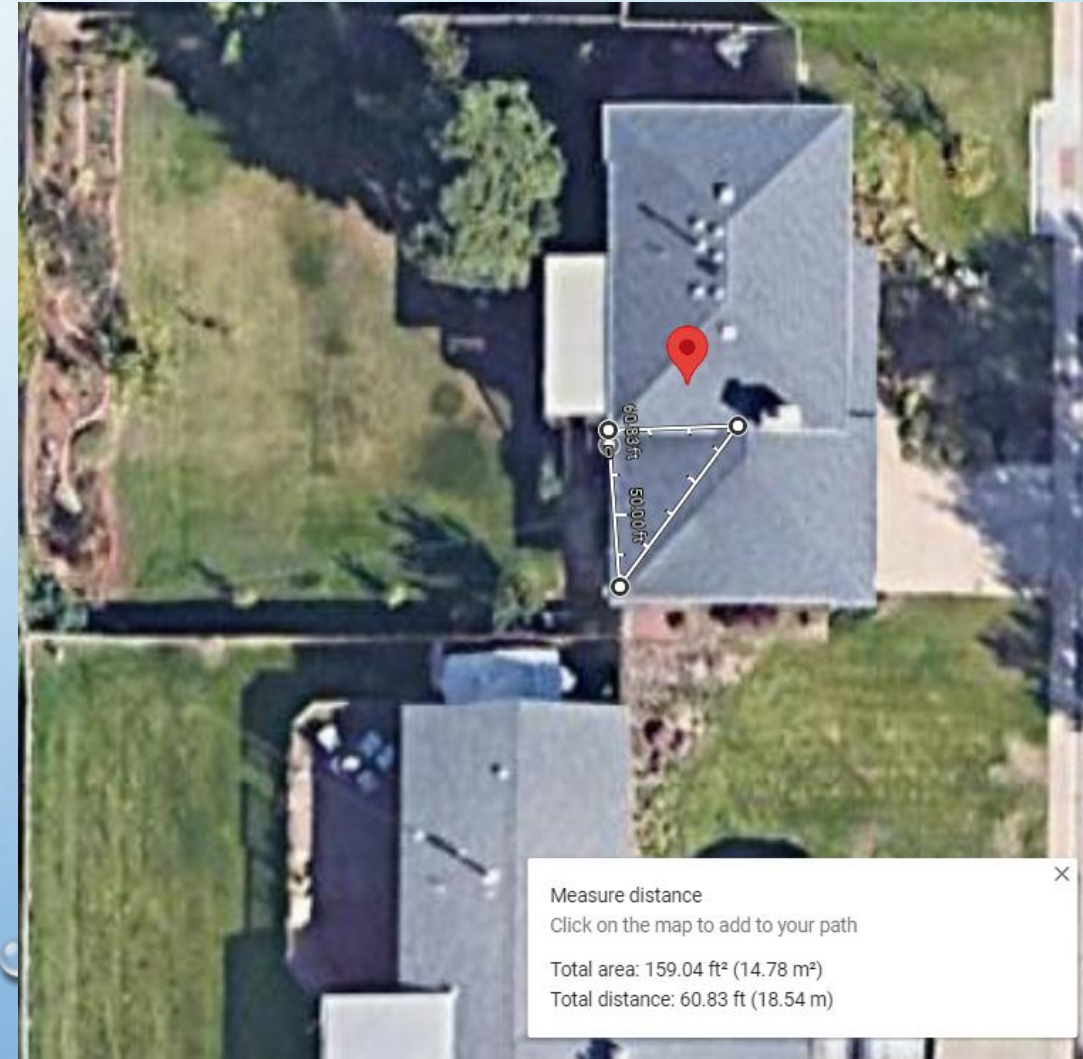
1. CHOOSE A LOCATION

- WALK AROUND YOUR HOME
 - FIND THE DOWNSPOUT LOCATIONS
- CHOOSE A LOCATION FOR YOUR RAIN BARREL
 - PROXIMITY TO WHERE YOU NEED THE WATER
 - EASY OF MAKING A LEVEL BASE IN THAT AREA
 - CATCHMENT AREA: THE AMOUNT OF WATER YOU CAN COLLECT FROM THAT DOWNSPOUT/ROOF AREA



1. CHOOSE A LOCATION

- DETERMINE THE SQUARE FEET OF THE ROOF AREA DRAINING TO THE DOWNSPOUT
 - NOTE HOW THE GUTTERS SLOPE
 - CALCULATE
 - GOOGLE THE ADDRESS
 - RIGHT CLICK TO “MEASURE DISTANCE”
 - CLICK TO SET THE MEASUREMENTS AND NOTE THE “TOTAL AREA” IN FT²
- CALCULATE THE GALLONS THAT YOU CAN COLLECT
 - CATCHMENT AREA (FT²) X RAINFALL (FT) X 7.48 GAL/FT³= TOTAL RAINWATER (GAL)
 - 159 FT² X 0.08 FT X 7.48 GAL/FT³ = 95 GALLONS FROM A 1 INCH STORM FOR THIS SMALL PORTION OF THE ROOF
 - 1 INCH = 0.08 FT



2. CREATE A BASE



- RAIN BARRELS ARE VERY HEAVY! CHILDREN MUST ALWAYS BE SUPERVISED ABOUT RAIN BARRELS.
- SELECT A FLAT LOCATION WITHIN 3 FEET OF A DOWNSPOUT
- A BASE CREATES WATER PRESSURE
- PURCHASE A COMMERCIALY AVAILABLE RAIN BARREL STAND OR CONSTRUCT A SIMPLE BASE WITH WOOD, CINDER BLOCKS, BRICKS, OR EXTRA PATIO PAVERS
- FULL RAIN BARRELS WEIGH NEARLY **500 POUNDS!!**

3. DRILL A SPIGOT HOLE IN YOUR BARREL

- SITTING ON THE BARREL GIVES YOU GREATER CONTROL
- MEASURE 3 INCHES UP FROM THE BOTTOM OF THE BARREL AND MAKE A MARK
- CAREFULLY DRILL THE SPIGOT HOLE USING THE **SMALLEST** HOLE SAW
- INSERT THE FITTING-USE SOAP
- SCREW THE SPIGOT INTO THE FITTING BY HAND
- MAKE SURE THE SPIGOT IS CLOSED AFTER YOU FINISH THE INSTALLATION



4. DRILL A FILL HOLE AND CONNECT HOSE



- CONSIDER THE LOCATION OF THE BARREL BEFORE DRILLING THE FILL HOLE
 - THE HOLE SHOULD BE ON THE SIDE OF THE BARREL CLOSEST TO THE DOWNSPOUT
 - CONSIDER IF YOU WILL ADD MORE BARRELS (WILL NEED ROOM FOR THE CONNECTOR HOSE)
- MEASURE 3 INCHES DOWN FROM THE TOP OF THE BARREL AND MAKE A MARK
- CAREFULLY DRILL THE FILL HOLE USING THE **MEDIUM** HOLE SAW
- INSERT THE RUBBER FITTING AND HOSE

5. INSTALL THE DIVERTER IN THE DOWNSPOUT

- **WARNING:** ALWAYS WEAR EYE PROTECTION AND GLOVES WHEN DRILLING METAL
- MEASURE YOUR DOWNSPOUT. ALWAYS DRILL ON THE 3 INCH SIDE OF YOUR DOWNSPOUT
 - YOUR DOWNSPOUT COULD BE 2"X3" OR 3"X2"
- PLACE YOUR BARREL ON THE STAND WITH THE SPIGOT AND FILL HOSE IN THE CORRECT LOCATION
- USE A LEVEL TO MARK THE HEIGHT OF THE FILL HOSE
- THE FILL HOSE MUST BE LEVEL TO ALLOW EXTRA RAIN WATER TO FLOW BACK OUT THE DOWNSPOUT. IF THE FILL HOSE IS NOT LEVEL, WATER WILL OVERFLOW OUT OF THE TOP OF THE RAIN BARREL (TOO HIGH) OR NOT FILL (TOO LOW)
- CAREFULLY DRILL THE DIVERTER HOLE USING THE **LARGEST** HOLE SAW INTO THE 3 INCH SIDE OF THE DOWNSPOUT



5. INSTALL THE DIVERTER IN THE DOWNSPOUT

Pro Tip

If the diverter is difficult to insert, add a little bit of soap on the outside

- INSTALL THE FLEXIFIT DIVERTER
 - SQUEEZE THE SIDE OF THE RUBBER DIVERTER AND INSERT INTO THE DOWNSPOUT
 - THE CUP AND ARROW SHOULD BE FACING UP
 - SECURE THE DIVERTER TO THE DOWNSPOUT WITH THE TWO SELF-TAPPING SCREWS
 - INSERT THE FILL TUBE TO THE DIVERTER AND INTO THE BARREL'S TOP HOLE
 - MAKE SURE THE DIVERTER IS COMPLETELY FLUSH (NO GAPS!) AND ALL THE WAY INSERTED INTO THE DOWNSPOUT
 - LISTEN FOR THE "POP"





TEST YOUR SYSTEM



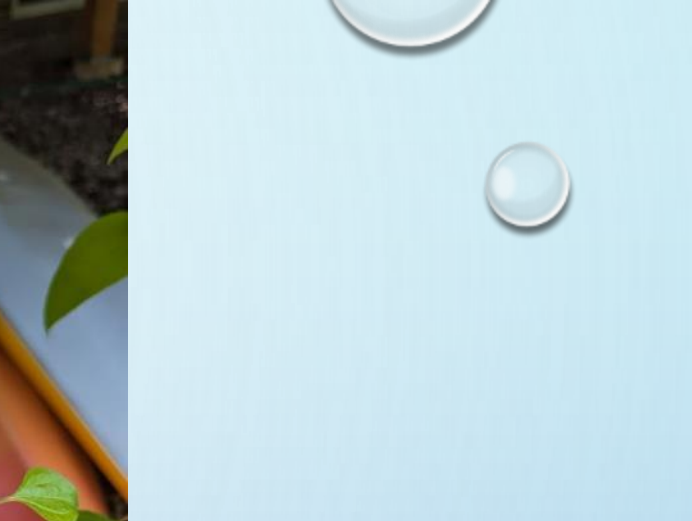
TROUBLESHOOTING



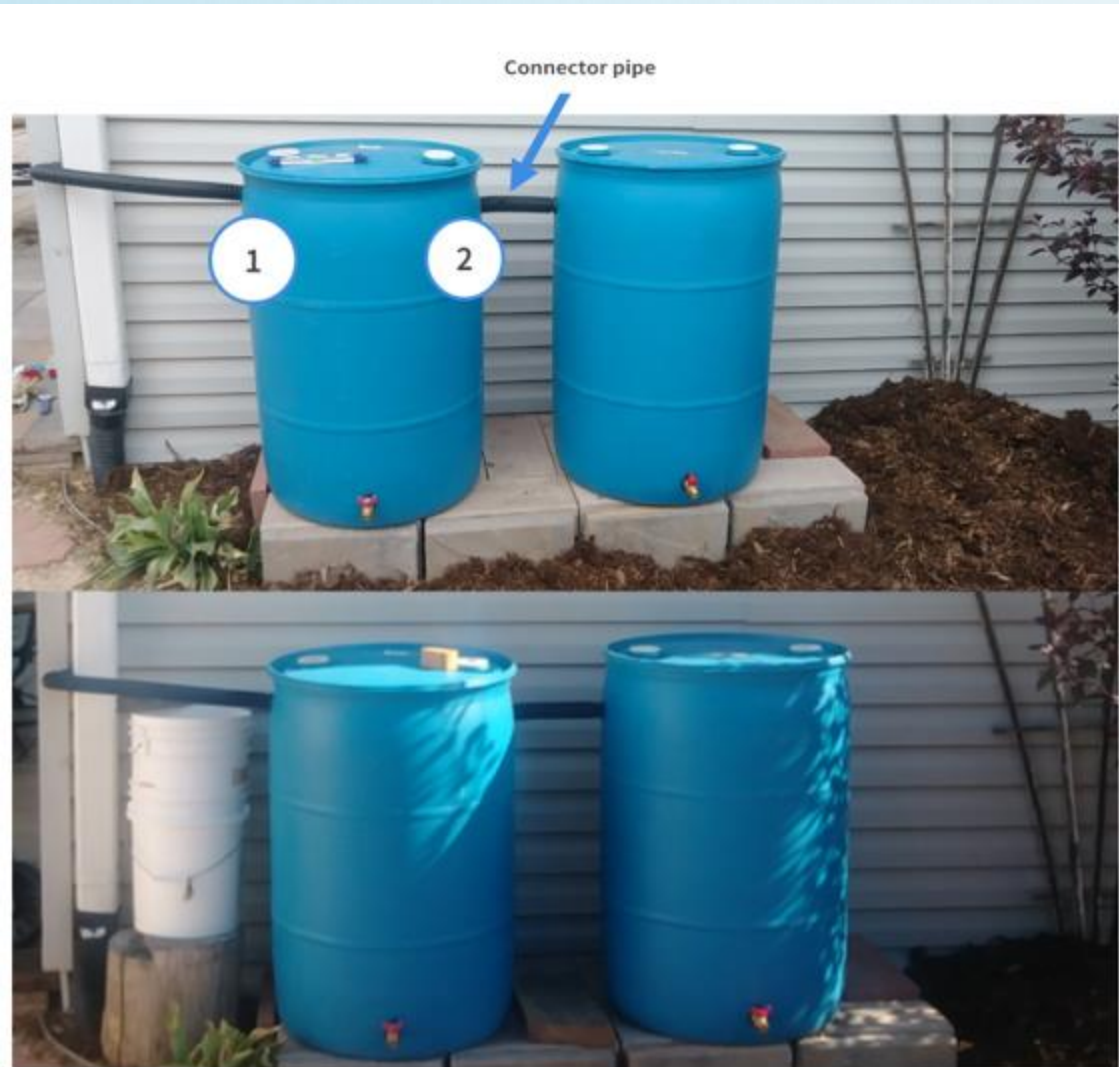
TROUBLESHOOTING



OR...



7. OPTIONAL: INSTALL THE TUBE FOR TWO BARRELS



- KIT SOLD SEPARATELY
- INSTALLATION ADJUSTMENT—DRILL AN ADDITIONAL INTAKE HOLE ON FIRST BARREL
- CONNECTOR PIPE **MUST** BE LEVEL AND BELOW THE INTAKE HOLE OF THE FIRST BARREL

WINTERIZING YOUR RAIN BARREL



- EMPTY BARREL
- REMOVE DIVERTER AND INSTALL WINTERIZATION CAP ON DOWNSPOUT
 - TIP: TURN DIVERTER UPSIDE DOWN IN DOWNSPOUT. WIGGLE AND SQUEEZE THE DIVERTER.
 - THE WINTERIZATION CAP MAY BE DIFFICULT TO PUSH INTO THE DOWNSPOUT. USE SELF TAPPING SCREWS TO SECURE IN PLACE.
 - CHECK THE WINTERIZATION CAP FOR LEAKING.
- REMOVE ANY DEBRIS FROM TUBING.
- LEAVE BARREL IN PLACE OR STORE FOR WINTER.
 - BARREL MAY BLOW OVER IF WINDY.

WINTERIZING



WINTERIZING



MAINTENANCE

- CLEAN OUT GUTTERS IN SPRING BEFORE CONNECTING BARREL
 - GUTTER COVERS CAN HELP (OPTIONAL)
- WAIT TO CONNECT THE BARREL UNTIL THE SECOND RAIN IN THE SPRING
- RINSE OUT BARREL TO PREVENT ALGAE BLOOMS
 - CAN USE A LONG HANDLED BRUSH
- **USE THE WATER** IN YOUR BARRELS





FAQ

- WILL COLLECTING WATER OFF OF AN ASPHALT ROOF LEACH POLLUTANTS?
- IS IT SAFE TO USE RAINWATER ON A GARDEN?
- WILL ALGAE GROW IN MY RAIN BARREL?
- HOW DO I KEEP LEAVES AND PARTICLES OUT OF MY BARREL?
- CAN MOSQUITOES STILL GET IN MY BARREL?
 - MOSQUITO DUNK—HARMLESS TO POLLINATORS AND WILDLIFE AND SAFE ON PLANTS
- SHOULD I PUT WEIGHTS ON THE TOP OF MY BARREL?
 - PROBABLY NOT! BARRELS CAN WEIGH UP TO 500 POUNDS AND EXTRA WEIGHT ON THE TOP MIGHT MAKE IT UNSTABLE.

DECORATING YOUR BARREL

Decorate BEFORE installation or remove rain barrel from house before decorating



- USE SAND PAPER (100 WEIGHT)
- WIPE DOWN AND ALLOW TO DRY
- SPRAY PLASTIC PAINT PRIMER—PAINT WILL NOT STICK WITH IT!
 - 30 MINUTE DRY TIME
 - RUST-OLEUM 2X ULTRACOVER PRIMER FOR PLASTIC
- CREATE YOUR OWN DESIGN
- CAN USE CARDBOARD STENCILS
- FOR ARTISTIC BARRELS
 - USE ACRYLIC PAINT
 - PROTECT YOUR WORK BY SPRAYING WITH A PAINT SEALER

DECORATING YOUR BARREL





ACCESSORIZING YOUR BARREL



Heavy Duty 2 Way Hose Splitter (Premium Brass for Superior Durability), Wye Garden Hoses Connector for Water Spigot Faucet Bib Tap, Double Shut Off Valve, Y Adapter, Rus...

★★★★★ ~ 1,904

\$11⁹⁹ List: \$13.99

Best Seller



\$4⁹⁸ (\$2.49/gallon)

★★★★★ (116)

Model# RZ WC293G18

2 Gal. Standard Watering Can In Black

Amazon's Choice



2 Pack Mesh Cover for Rain Barrel Keep Mosquitos and Debris Out of Your Rain Barrel Water Collection Buckets Cover Rain Barrel Accessories

★★★★★ ~ 315

200+ bought in past month

Prime Day Deal

\$9⁵⁸ (\$4.79/Count) Typical price: \$11.98

Exclusive Prime price



Horiznext rain barrel spigot, brass 55 gallon water tank faucet, bulkhead valve for outdoor plastic bucket rainwater drum gal container downspout collector in garden, 1...

★★★★★ ~ 79

\$14⁹⁰

P72-02330G Brass Spigot for Rain Barrel. Lead-Free Compliant, 3/4" Quarter Turn Ball Valve w/Bulkhead Fitting, Thread Tape, and Polyester Wire

★★★★★ ~ 513

100+ bought in past week

\$16⁹⁰

Best Seller



17.6k

More Options Available

\$4⁴⁸

★★★★★ (3143)

Model# 05GLHD2

The Home Depot
5 Gal. Homer Bucket



Rain Bird YFA075X Drip Irrigation Dual Port "Y" Faucet Adapter, 3/4" Female Hose Thread x 3/4" Male Hose Thread, On/Off Valves

Visit the Rain Bird Store

4.3 ★★★★★ ~ 2,952 ratings

Amazon's Choice for "rain bird drip irrigation faucet connection kit"

\$4⁷⁷

prime Two-Day

FREE Returns

Get a \$150 Gift Card: Pay \$0.00 \$4.77 upon approval for Prime Visa. No annual fee.

Size: 3/4" Hose Thread



QUESTIONS?



PICK UP YOUR
RAIN BARRELS

