

1: Drain Cleaning Service | Mr. Rooter Sewer Drain Cleaning

Drain maintenance goes a long way to keep your drains in good working condition. When practiced as a regular routine, it can help save you costs in home maintenance. Clogged drains occur all too often in the home. In many cases, the incidence of blocked drains can be minimized by regular drain care.

Disadvantages of chemical drain cleaners include a lack of effectiveness for removing clogs far from the drain opening for example, clogs that occur in toilets [5] or in the main sewer drain, an inability to remove most solid obstructions, and the safety considerations outlined below. The acid in drain openers reacts with aluminium oxide on the surface of some pipes. Chemical drain cleaners can cause strong reactions—sometimes explosively—with other chemicals that may have been used previously, which can result in serious injury to anyone in the vicinity. A small girl was also permanently disfigured by a common lye drain opener. The heat generation can also soften plastic PVC pipes, and the pressure buildup by gas generation can cause older pipes to burst. Commercial chemical based solutions can cause corrosion and other damage to your pipes and sewer lines [11] Oftentimes, individuals may unknowingly mix two different types of drain cleaners, which can even lead to deadly results. For example, consider the mixing of an acidic and basic drain cleaner: Consider another example of mixing, this time between an acid drain cleaner and bleach: Handheld drain augers[edit] Further information: The cable of a handheld drain auger is driven into a drain by the mechanical force created when the operator rotates a drum that anchors the cable. Many handheld augers have cables that are thin enough to pass through common sink traps, though some manufacturers do not recommend using handheld drain augers in toilets because of their potential to scratch ceramic surfaces. Instead, a special closet auger from " water closet " should be used. Advantages of handheld drain augers include low relative cost and ready availability through hardware stores. Safety considerations include a requirement to wear protective gloves and eye protection, and to practice good hygiene after coming into contact with drain fluids. Air burst drain cleaners[edit] Air burst drain cleaners use accelerated carbon dioxide, air or other gas to rupture the clog membrane. Accelerated gas creates a force on standing water that can dislodge clogs that accumulate close to drain openings. Advantages of air burst drain cleaners include the potential to immediately clear clogs and slow-running drains, in contrast to chemical cleaners that can take more time to work. Air burst cleaners can dislodge obstructions that are further away from drain openings than can a plunger, and in contrast to a drain augers do not risk scratching the ceramic surfaces of sinks, bathtubs and toilets. Disadvantages of air burst drain cleaners include a limited cleaning range in pipes that do not contain standing water and, in general, ineffectiveness for unclogging blocked main sewer drains. Safety considerations for air burst drain cleaners include a requirement to wear eye protection and, when using an air burst cleaner that uses compressed gas cartridges, careful handling of unused cartridges. Home remedy drain cleaners[edit] Home remedy drain cleaners include boiling water poured into drain openings to clear soap and hair clogs; or, baking soda sodium bicarbonate poured into a drain, followed by vinegar. The use of baking soda to saponify fats in the line, followed by vinegar to neutralize is fine, but typically ineffective. It takes the strength of lye to turn a vegetable or animal fat to soap. The use of stronger agents together, for example lye sodium hydroxide and hydrochloric acid or sulfuric acid is a bad strategy. The two agents do not complement each other, but neutralize each other making the combination ineffective. The mixture will generate a lot of heat, which can destroy pipes. Certain combinations are extremely hazardous. Acid and bleach a base will make chlorine gas. Advantages of home remedy drain cleaners include ready availability and environmental safety, though they are limited in effectiveness compared to other drain cleaners. Boiling water is not recommended. Safety considerations for home remedy drain cleaners include the requirement to handle ingredients for example, lye with the appropriate care. Hydro-mechanical drain cleaners[edit] Hydro-mechanical drain cleans use high-pressure water to break up obstructions and flush these smaller particles down the drain. Most municipal building codes mandate that drain plumbing increase in diameter as it moves closer to the municipal sewer system. Unlike air-burst cleaners, hydro-mechanical drain cleaners do not pressurize plumbing joints. On some models of hydro-mechanical drain cleaner both hot and cold water

can be used, providing added cleaning power for fat, protein, or other easily melting drain clogs. Disadvantages of hydro-mechanical drain cleaners included limited reach into drain plumbing, and the necessity of a water source to act as the motive agent. Safety considerations for hydro-mechanical drain cleaners include the risk of injury from high-pressure water coming into contact with skin or delicate areas of the body. Electric drain cleaners are commonly available with cable lengths of up to 40 metres and can go as far as 80 metres. Advantages of electric drain cleaners include the ability to clean long sections of sewer drain, the ability to remove solid objects such as tree roots and jewelry, and ready availability through hardware stores and tool rental counters. Machines using springs can easily negotiate multiple degree bends while maintaining their effectiveness and without damaging the pipe. Disadvantages of electric drain cleaners include high relative cost and weight, and the considerable physical effort that may be required to control the cable. Safety considerations for electric drain cleaners include the requirement to wear work gloves and eye protection, to carefully control the cable during operation to avoid overstressing it, to use appropriate caution when working around rotating machinery, and to use properly grounded electrical outlets. High-pressure sewer jetters can be mounted on trolleys, inside vans or on trailers. Sewer jetter nozzles come in different sizes and applications; a bullet-type nozzle with a streamlined profile can clear a hole for the larger root cutting nozzle. Root-cutter nozzles are designed to cut roots with a spinning nozzle that shoots a jet stream horizontally inside the pipe. High pressure sewer jetters with root-cutting nozzles can clear a hole through the center of a root-infested sewer line and with its rear-facing jet streams cut the roots and clean the pipe walls, flushing the root debris through the sewer line. Pressure washer sewer jetter attachments are generally lower in cost and weight than electric drain cleaners with an equivalent reach, and can present a lower risk of scratching plumbing fixtures. Disadvantages of pressure washer sewer jetter attachments and many portable jetters include an inability to extract tree roots and other hard obstructions. Safety considerations for sewer jetters include a requirement to wear protective gloves and eye protection, to avoid contact with sewer drain fluids, and to ensure that the jetter nozzle operates only inside the sewer pipe. Most enzymatic drain cleaners are intended for general maintenance to maintain proper flow and are not intended to clear fully clogged drain pipes. Disadvantages of most enzymatic drain cleaners include longer cleaning times compared to most other drain cleaners. Because enzymatic cleaners rely on liquid flowing through the pipe to disperse, they are also generally not intended to open completely clogged drains. Safety considerations for enzymatic drain cleaners include a requirement to avoid contact with eyes and prolonged contact with skin. A blind study of 48 septic systems with three additives, *The Effect of Bacterial Additives on Septic Tank Performance* [20] found no statistically significant difference in performance from an untreated system, including the buildup of sludge and scum.

2: 4 Ways to Clean Drains - wikiHow

A drain system is one of the most overlooked systems in the home. It's out of sight and out of mind until there's a problem. Although it appears to be simply a series of pipes connected together, it's actually a complex system designed to provide a seal to prevent sewer gases from entering the home.

Armed with the right tools and techniques, you can easily unplug stopped-up drains. However, most stopped-up sinks and plugged toilets can be fixed without calling in a plumber. What you need to complete the job on your own are the right tools and a little determination. These proven techniques will dislodge virtually any clog. Exerting too much force can permanently damage a pipe or fixture. Unscrew the sink trap and drain the water into a bucket. Then remove the horizontal trap arm from the back wall. Every homeowner should keep one handy. Cable augers are available in lengths up to ft. It, too, is equipped with a hand crank, but instead of a spool, the cable is encased in a rigid shaft. The auger end is bent at a precise angle to fit through the tight curves of a toilet trap. This machineâ€”basically a large cable auger powered by an electric motorâ€”is very effective at cutting through virtually any clog, even tangled tree roots. Before bringing home a power auger, be sure the rental agent shows you how to safely dispense and retrieve the cable. Feed the flexible cable directly into the drainpipe. Turn the crank clockwise to advance the cable and cut through the clog. Unclog a sink Most minor sink clogs can be cleared with a plunger. Partially fill the sink with water, then start plunging. Vigorously work the plunger up and down several times before quickly pulling it off the drain opening. In both cases, the rag helps deliver the pressure directly to the clog. Remove the sink trap with a pipe wrench. The large, threaded coupling on PVC plastic traps can often be unscrewed by hand. Remove the horizontal trap arm that protrudes from the stubout in the wall. Feed the cable into the stubout until you feel resistance. Pull out 18 in. Crank the handle in a clockwise direction and push forward at the same time to drive the cable farther into the pipe photo 2. Pull out another 18 in. If the cable bogs down or catches on something, turn the crank counterclockwise and pull back on the auger. Once the cable is clear, crank and push forward again. Retrieve the cable and replace the trap arm and trap. Turn on the hot-water faucet to see if the sink drains properly. Debris from the busted-up clog sometimes settles into a loose blockage. Partially fill the sink with hot water and use the plunger to clear the debris. Follow up with more hot water. Snaking a Tub Drain: Hold a wet rag over the drain holes in the overflow plate to prevent the pressure built up by plunging from escaping. A clog in the tub usually builds up over a period of several weeks, with the tub draining more and more slowly each day. As with a sink clog, start with the plunger. First, unscrew the screen from the tub drain and use a bent wire to fish out any hair and soap scum. Clean it of all hair and soap. This will often take care of things. If not, cover the holes on the underside of the overflow plate with a wet rag and start plunging photo 3, above. Remove the overflow plate from the end of the tub; the stopper linkage will come out with it. Feed about 30 in. Push forward while turning the hand crank photo 4. Retrieve the cable, then run several gallons of hot water down the drain. Finally, replace the overflow plate and screen or pop-up drain. Remove the overflow plate and snake the cable down the overflow tube. Retrieve it by turning the crank counterclockwise. Place the auger end into the bowl with its bent tip aiming up photo 5. Hold the tool shaft steady as you crank and push down on the handle photo 6. Retrieve the cable by simultaneously cranking and pulling up. Flush the toilet to clear out the drainpipe. This three-pronged attack will clear any matter clinging to the sides of the trap. Freeing a Toilet Clog: The angled shaft and spring head on a closet auger are specifically designed for clearing toilet clogs. Clear a floor drain In many basements, garages and laundry rooms there are floor drains that carry away wastewater from central air conditioners, washing machines, water heaters and snow-covered cars. Over time, these drains collect large quantities of soap scum, laundry lint, sand and slimy bacteria that crystallize inside the long drainpipe. Rent a power auger with at least 50 ft. Start by removing the strainer that covers the drain hole. Then, look for a clean-out plug on the side of the drain basin. Remove the plug with a wrench photo 7. That allows you to bypass the trap and feed the cable directly down the pipe. Plug in the power auger and position it near the drain. Most models are fitted with a foot-pedal switch, leaving both of your hands free to guide the cable. Feed several feet of cable down the

drainpipe. Set the motor for clockwise rotation, then step on the switch to start the cable turning photo 8. Push the cable into the pipe until you feel resistance or hear the motor start to bog down. Stop the motor, reverse the rotation and back out a few feet of cable. Switch back to clockwise rotation and feed the cable farther down the pipe. Repeat this back-and-forth procedure until the clog has been cleared away. Retrieve the cable and flush out the drainpipe by pouring several buckets of hot water down it. If the water still drains sluggishly, run about 2 ft. Before replacing the clean-out plug, wrap Teflon tape around its threads; this will make it easier to unscrew the plug in the future. Failure to replace the clean-out plug will allow dangerous sewer gases to seep into the house.

3: Drain Cleaning Las Vegas, Sewer, Rooter and Hydro Jetting Services

A regular maintenance routine is best to keep the drains clog-free in your home. It doesn't take much time or much money to perform this regular maintenance and save you from the cost of a severely clogged drain.

Drain cleaning tips Slow Draining Sink or Tub Eventually drains in the kitchen and bathroom will become clogged with debris causing a slow drain. To clear the blockage, first remove the strainer or drain cover and clear out any solids blocking the opening. In the bathroom, use a zip-it drain cleaning tool, which can be inserted into the drain to bring up any hair or muck stuck in the pipe. Another useful tool for clearing clogs is the ever-reliable plunger. The plunger creates a vacuum seal to dislodge debris stuck in the pipes. When the clog is deeper than a plunger or zip-it can reach, you may need to call us for a professional drain cleaning service company. What is a roofer? The name actually came from the original culprit for stopped up drains, which were roots. So, when you called a service that did drain cleaning in Las Vegas, Nevada, they were usually cleaning the roots out from your drain. The reason was because many of the original pipes were susceptible to cracks and gaps, which the roots would grow into. What is hydro jetting? As opposed to rodding, where a plumber uses a tool to power a hole through the buildup, hydro jetting achieves a comprehensive cleaning of the pipes. As seen on the internet: MG Drain Cleaning Services is one of the leading providers of quality sewer and drain cleaning services, offering the people of Las Vegas have one less thing to worry about when it comes to their drain cleaning needs. The company has become popular thanks to its unique combination of affordability and quality service delivery, ensuring that clients have a clean and healthy environment without having to break the bank. Having a clean environment is paramount to the health of homeowners and their neighbors. However, regardless of how careful or clean a person can be, some situations are beyond the control of the homeowner, requiring the service of experts. One of such situations is drain unclogging. Sewer services also require the technical know-how of experts. The service provider uses the state-of-the-art technology and expertise to deliver excellent services. With drain cleaning services including clogged toilet, clogged laundry sink, as well as a clogged floor drain, the company has become the toast of homeowners and other such persons requiring quality drain cleaning services at affordable rates. MG Drain Cleaning Services also offers sewer cleaning service such as hydro jetting, sewer backup, roofer service, drain cleaning, and clogged pipe. Each of the services is affordably priced and are delivered using state-of-the-art technology and techniques, providing sewer pipe inspection with a video camera, one of the very few companies that offer such at discounted price. Consequently, MG Draining Cleaning Services has become one of the most sought-after service providers in Las Vegas, with accolades coming from different quarters.

4: Plumbing, Drains & Water Cleanup | Roto-Rooter

Better to hire a plumber to snake the drain (usually \$75 to \$) and completely remove the chunk of hair or grease that's plugging the line. Or you can pick up a snake of your own, for around \$20 at the hardware store, and try clearing the drain yourself.

Drain maintenance goes a long way to keep your drains in good working condition. When practiced as a regular routine, it can help save you costs in home maintenance. Clogged drains occur all too often in the home. In many cases, the incidence of blocked drains can be minimized by regular drain care. Both kitchen and bathroom drains need to be cleaned on a regular basis. Below are 5 maintenance tips to help keep your drains in good condition.

Food Residues These are the most common cause of drain blockages in the kitchen. It is a good practice to clear all plates and dishes of leftover food before you do the washing. This will help prevent food remnants from being forced down the drain. Use a sieve to strain food residues from pots. These can be thrown into the garbage can. You may also fit a small sieve at the drainage opening during washing to trap food residues.

Liquids Some liquids tend to solidify when poured into the drain. This causes blockages with time. It is best to avoid pouring oily liquids into the drain. Strain off liquids that contain solid material and throw in the garbage can. It will help prevent the drain from getting blocked.

Hot Water Flushing Kitchen drains frequently get blocked with food residues and other dirt. Scum and dirt attaches itself to bathroom drains with time. All these can effectively be washed away with hot water. It is a good idea to use hot water to flush your drains once a week. Boil a large pot of hot water. Slowly pour it down the various household drains. Repeat the action a second time. Allow cold water to flow through the drains for a minute. Hot water is excellent for clearing trapped material in the drains. It also removes grease and helps to improve the smell of the drains. It will help prevent buildup of dirt, grease and residues in the drain.

Baking Soda and Vinegar This is an excellent treatment that will effectively clear your drains. You can do this once a month. It will also leave your drains smelling fresh. Pour half a cup of baking soda into the drain. Follow with an equal measure of vinegar. Plug in the sink or bathroom stoppers. Next morning, boil plenty of water. Remove the stoppers and flush the drains with the hot water. It will clear your drains of accumulated dirt and leave them with a fresh smell.

Sink Plunger The plunger is a useful tool to have in the kitchen and bathroom. When you notice the water flow begin to back up, you need to use the plunger to clear the drain. Plug the stoppers over the drain. Fill the sink or bathroom with inches of water. Then remove the stopper and replace with the plunger. A few vigorous plunges should help clear the drain of any blockage. Rinse the sink well to clear dirt.

5: How to Clear a Clogged Drain | DIY: True Value Projects

Our drains tend to be "out of sight, out of mind" when we think of regular home cleaning, but keeping them clean and clear of debris is just as important to your family's health and your home's comfort as making sure your kitchen counters are wiped down and the toilet is scrubbed.

Better yet, when you can maintain free-flowing drains, it is easier to keep your sinks and bathtub clean and clear. They will be less likely to get coated with deposits of whatever gunk that would otherwise become backed up and make a mess. Bathroom drains routinely become slow from sticky substances like toothpaste, shaving cream and hair which all collect in the drain pipe. Kitchen sink drains have similar problems because oil and grease tend to solidify and build up over time. Below are some ways you can clear your drains and keep them running smoothly: Do-It-Yourself Bathroom sinks and tubs usually become slow and blocked for different reasons than kitchen sinks, so you have to deal with them in different ways. For cleaning bathroom drains, ordinary table salt can be a very effective ingredient in your toolbox. Then, run HOT water to clear out the all of the loosened substances from the drain. For best results do this a second time. Maintain Your Sinks To keep your drain clear after you clean it out in this manner, from time to time pour a little bleach into the sink. Let it sit overnight or for at least an hour before you run water down the drain again. Ditch the Grease Grease build-up in your kitchen sink drain can be remedied with liquid dish detergent and a large volume of boiling water. Put a big pot of water on the stove and bring it to a boil. Squirt a generous amount of dish liquid at least a tablespoon directly into your drain and pour the boiling water into the drain, a little at a time. The rapidly boiling water will melt grease deposits while the detergent helps to dissolve grease and oil and allow the boiling water to flush it away. You may want to repeat this process two to three times if the grease build-up is substantial. Hotter Than Usual Water It may seem obvious, but simply putting hot water down your kitchen and bathroom sink drains at least weekly can go a long way to keeping them clean and clear. For the kitchen sink, hot water will help to melt and flush away light grease deposits. Cold water will keep oils and grease in a solid state so they can be broken up by the disposal, whereas hot water will melt and soften grease and encourage it to coat the inside of your drain. Only use hot water after you have already run the disposal to help remove any grease deposits that may have formed when you were washing pots and pans. Call , or schedule service online.

6: Omega Industrial Supply » Drain & Sewer Maintenance

Perform maintenance cleaning on drains and stoppers. Pour a few gallons of boiling water down sink drains once a week as part of your regular cleaning routine. Regularly clean built-in sink stoppers, which can accumulate grime and clogging materials like hair.

Metro Jet Vac Vacuum Service, a division of Metro Jet Wash Corporation, came into being to help solve the growing issues of dirt buildup and flooding due to blocked drains and clogged catch basins commonly seen in multi-level underground parking lots. With that Metro Jet Vac began offering drain services, which include drain cleaning and flushing, catch basin cleaning, sump pit cleaning, as well as camera inspections. We are equipped with vac trucks, drain cameras, mechanical snakes, jetters and a mini vac. We service driveways and yard drains, sump pits, above and underground parking lots and all residential, high-rise, municipal, commercial or industrial properties and warehouses. Our vacuum trucks are custom built locally and are air-ride equipped so we can fit into most parking garages. If our truck does not fit, we have a mini-vac trailer that can be towed behind a small vehicle to fit into those very low clearance underground garages. Our prompt, experienced and highly trained technicians using state-of-the-art equipment paired with competitive pricing have allowed us to become an industry leader in drain cleaning, catch basin cleaning, sump pit cleaning, and inspecting. Please contact us today at or [mjwt metrojetwash](http://mjwtmetrojetwash.com). We are your first choice for property management solutions! Whether it be a drain blockage or a routine flush, our company has the necessary drain cleaning and flushing equipment to get the job done right. For regular or preventative maintenance jobs, we flush drains thoroughly, using our high pressure pulsating water jetter snakes. For drains with major blockages we have heavy duty mechanical drain cleaning machinery. Metro Jet Vac offers camera inspections as well as diagnosis and location of drain issues. If you have persistent issues in a drain, a camera inspection is usually the next step prior to repairing the problem. We have high quality cameras and precise locating equipment. After a camera inspection you are left with a digital file and the location of the broken pipe or clog marked, as well as the depth noted. Once the drain inspection is completed you can have us arrange the repair or seek your own repair technician with no obligations. We will be happy to discuss your options. Using our vacuum trucks, we will vacuum catch basins and sump pits completely. If necessary, we also clean and flush the drains. It is critical to do this routinely, as it will help prevent any unwanted flooding and water pooling. Catch basin sludge can build up fairly quickly, especially in the fall and winter seasons. For sump pits, many require pump re-priming after they are cleaned so this is included with our service. And before they are closed, we will always inspect the sump pits to insure that they are in good working order. The most important factor and our top priority for all emergency calls we receive is our immediate response. It is essential to protect the environment from further contamination. Once we arrive at the site, an assessment of the problem is done. We dispose of the contaminants at a proper waste handling facility. For floods, we will investigate to determine the reason for the flooding, locate it, use the appropriate equipment and tools to clear the water, and then fix the problem. Afterwards we shall provide a full report of our findings, plan of action and solution. Sign Up for Our Newsletter Sign up for our monthly newsletter to receive the latest promotions and sales information, as well as updates on new services and upcoming events.

7: Drain cleaner - Wikipedia

Clear Any Clogged Drain. Remember, if you can't clear a clog after a few attempts, turn the job over to a drain-cleaning service or licensed plumber. Exerting too.

ALCOZYME is recommended for use in grease traps, septic tanks, drain lines, holding tanks and garbage areas to control odors and prevent buildup. Ultra-concentrated to break down most commercial and industrial drain obstructions. Unique exothermic acting helps break down: Grease, hair, coffee grounds, fats, vegetable matter, tobacco, lint, slim, drain scum and many other difficult drain conditions. This easy to use product is safe for the environment, non-corrosive, and very effective. It cures in 24 hours providing a tough, resilient, silicone rubber good for hundreds of application. CANNON aids in the removal of organic obstructions like grease, cloth, hair, paper and fatty type stoppages. Heavier than water, it goes right to the clog and dissolves organic matter, grease, soap, paper, hair and lint. Ideal for both problem drains and preventative maintenance. Harmless to plumbing and septic systems, when used as directed. It should not be used in garbage disposals. A safe, water-based product comprise of next generation detergents that remove grease blockages when used with high-pressure sewer line cleaning equipment. It is non-acid, non-corrosive, non-caustic, and generates no heat, so it is safe on pipes and safer for employees. FORMULA 57 is designed to reduce the accumulation of grease, fats, and slime that form in sewage lines, septic tanks, cesspools, and drains, thus ending overflow, clogging, and offensive odors. FORMULA 57 dissolves the grease that holds hair, soap scum, coffee grinds and other blockages together thus allowing drains to flow freely. Aluminum chips absorb heat and distribute it evenly thereby making the product perform for longer periods. The unique thickened formula clings to the sides of pipes and vertical surfaces for maximum efficiency. The block dissolves slowly to release grease eating bacteria for approximately 30 days with no pumps needed and no physical pouring of liquid required. Use regularly for preventative maintenance to remove uratic slats and calcium build up from drain line in order to keep drains free flowing and reduce odors. H2O-Less Deodorizer has a long lasting vanilla scent, it will not evaporate out of the drain line so it remains for extended periods of time expending only small amounts each time the urinal is used so it last approximately 1, plus uses. It features an inhibited virgin acid that is safer to handle than conventional acidic drain openers, combined with a grease eliminator that also acts as an odor masking agent. Odors are neutralized at the source by reducing grease. MEGA BAC X contains naturally occurring bacteria designed to treat drains on a time-metered basis, providing round the clock drain protection, odor control, and clean drains. MEGA BAC may be used as a deodorizer in bathrooms, trash chutes, dumpsters, drain lines, grease traps, septic tanks, holding tanks and around urinals. Available in Apple and Spring Green. When used in drain lines and grease traps it effectively prevents build-up of grease and organic matter which cause clogs and odors. The bacteria quickly and effectively controls odors anywhere, even pet odors in carpet and sewage odors from overflow. It digests carpet urine stains and removes blood, food and grass stains from laundry, too. Use in restaurants, hospitals, hotels, schools and nursing homes. Cleans floors, walls, toilets, urinals, sinks, and all types of fixtures and surfaces not harmed by water. These anaerobic and aerobic bacteria have been cultured specifically for their ability to digest waste quickly and effectively thus speeding up the normal break-down process. They quickly and effectively break down organic matter and the odors associated with decomposition. It is recommended for use in grease traps, septic tanks, drain lines, holding tanks and garbage areas to control odors, and prevent build-up. The rise and fall of the water level accomplishes cleaning and degreasing of the vertical surfaces of lift stations, wet wells, and similar treatment facilities, reducing the need for routine physical cleaning. The rise and fall of the water level cleans and degreases the vertical surfaces of lift stations, wet wells, and other treatment facilities, reducing the need for physical cleaning. This amazing product is formulated with soy bean oil derivatives, Delimonine and natural corn surfactants. The accumulation of sewage, grease, oils, fatty acids, calcium and soap scum form deposits on wet well walls. Contains no petroleum based or chlorinated solvents. Quickly removes grease, oil, tar, adhesives and more from most surfaces. Ideally suited for most cleaning and degreasing applications. Has a pleasant citrus aroma. Contains no hazardous chlorinated solvents. Has a fresh citrus aroma. ODOR CAP has

a pleasant cherry fragrance to give instant and long lasting odor problems from dried out traps, keeping them wet and odor free. Easy to use, simply add it and forget it. Use to mark pipes, equipment, property, and more! For use on metal, wood, glass, plastic, and many other surfaces. Available in Black, Red, Yellow, and White. Works on virtually every kind of pipe and hose. Works on wet, dry, clean, dirty or corroded pipes. Even works under water—salt or fresh. Safe for drinking water system repairs. Has a strong PSI. Conforms to a standard water main pressure test. Ideal for emergencies and frozen pipe breaks. It is used primarily for Hydrogen Sulfide Control to reduce odor and corrosion, for phosphorus removal, as a micronutrient as well as in manufacturing intermediaries while leaving a sweet orange scent. Effectively restores free flowing drains by breaking down grease, fat, body oils, soap, etc. It contains no petroleum based or chlorinated solvent, is non-acid, non-caustic, non corrosive. It is a great deodorizer for sewers, elevator shafts, dumpster areas, garbage collection areas, water treatment facilities, etc. Many sewer solvents emit flammable vapors which can pose fire and explosion hazards. It also helps prevent costly plumbing bills due to build-up in pipes. No tools, tapes or screws required for a simple, seconds-only installation; easy refill cartridge for fast servicing. No metal parts to create rust or scratch on porcelain. Contains no paradichlorobenzene, a possible carcinogen. Semi-permanent bracket reduces waste from each use. Refill cartridge made with 5 recyclable plastic.

8: Drain Maintenance Tips | www.enganchecubano.com

MG Drain Cleaning Services is a family owned and operated business that provides affordable sewer cleaning, drain cleaning, roofer service, hydro jetting and pipe inspection and locating with a color video camera in the Las Vegas valley.

Collapse All Maintain Your Drains If you want your drains to flow like they should, you need to perform regular drain maintenance and cleaning. Keep drains free of items that clog them such as food, hair and soap scum. Try to clean drains regularly. Approximately once a month is good for routine maintenance. **Keep Bath Drains Clean** Hair is the main source of clogs in shower and lavatory drains. Over time, hair and soap scum team up to form a clog that can slow your tub or sink. To prevent clogs from forming, you must stay vigilant in keeping hair from going down the drain. Use tweezers to remove hair visible in the drain. You may need to use your fingers to get the hair out too. Use your finger to remove the slime and soap scum from inside the drain. If you need to, use an old toothbrush to scrub away stubborn slime. Clean the drain with an abrasive cleaner and a rag or sponge and then run hot water for a couple of minutes. **Clean the Kitchen Drain** Kitchen drains get clogged by grease and food particles that mix and clump together. Like all other drains, it must be cleaned regularly to avoid a clog. Let this sit for about a half hour. Run hot water through the drain again to finish the cleansing. This will reduce buildup and decrease drain odors. You can also try pouring a brine solution salt water down the drain afterward for a more thorough cleaning. **Helpful Tip** Use a sink strainer in your kitchen sink to catch as many food particles as possible to cut down on the chance of a clog. **Drain unclogging is the repair that is most often performed in drain maintenance.** Use a **Plunger** Using a plunger is the easiest and most cost-effective way to unclog drains. A plunger should be the first thing you try, before using a harsh chemical clog remover or before taking anything apart. plungers are particularly effective for food particle clogs in the kitchen sink. A plunger also works on soap, grease and hair clogs in a tub, though often not as well. There is a risk that you will just force the clog further down the drain making it harder to remove. First, remove the sink stopper. In a bathroom sink or tub, plug the overflow hole with a wet rag. This prevents the air pressure generated by the plunger from dissipating out of the overflow hole instead of acting on the clog. In a kitchen sink that has a dishwasher drain attached to the sink drain, use a clamp to crimp the dishwasher drain hose closed. Place the plunger over the drain and add water as needed to cover the rubber cup. Then pump up and down quickly to dislodge the clog. Afterward, try using the plunger again. Use a **Drain-Cleaning Tool** There are a number of new drain-cleaning tools at your disposal that many people are not yet familiar with. The Zip It drain-cleaning tool is designed specifically to unclog sink and tub drains, especially ones caused by hair and soap scum. The barbs pull out the hair and gunk that line the inside of the pipes. The Drain King then uses focused water pressure to force the clog out of the pipe. **Clean Sink Trap** If a plunger and other drain-cleaning tools fail, remove the trap below the sink. Usually you can loosen the slip nuts by hand, but if not, use channel-type pliers. Place a bucket under the trap to catch any spills and to hold the removed trap. Wear rubber gloves to protect your hands. Use a bottlebrush to force any material out of the trap and clean it well with hot, soapy water. In any event, always shine a light into the drainpipe to inspect for a clog. Replace the trap and then run water down the drain to see if the clog is gone. Use a **Snake Auger** If you see a clog in a drainpipe, or if your sink or tub is still clogged after trying other removal methods, you may need to use a snake – also known as an auger – to clear it. Insert the auger into the drainpipe slowly until you feel resistance. Crank the handle to get past any right-angle bends and continue to insert the auger until you feel soft resistance. Turn the handle to "screw" the snake into the clog and then withdraw it slowly. If you cannot withdraw it, just try to push the clog past whatever bend in the pipe is restricting it, hoping that it will break free and go down the drain. Use a **Clog-Killing Chemical** This should be a last-case scenario for drain unclogging. There are many well-known drain clog-removal products available at your local local True Value hardware store. They are often the first things tried when a drain clogs but keep in mind, they are harsh chemicals and should be used and handled properly. Chemical clog removers can irritate skin and not all of them are safe for every type of pipe or drain in a bathtub or sink. They can damage or etch some surfaces and

types of pipe. Wear gloves and safety glasses, to avoid damage to skin or eyes. If you prefer not to use a chemical clog remover, you can mix together a homemade remedy of baking soda and vinegar. Let the combination sit for about three hours before running water. When running water, turn it all the way to hot and let it run for 5 to 10 minutes. Your pipes should now be in great shape. Keep them that way by periodically following the drain maintenance steps above.

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Flushing drain cleaning products down the toilet can cause additional problems if not done carefully. This product works best when applied through a sewer clean-out port with the water running. A two pound container provides effective drain care for the first 50 feet of a 4-inch sewer main.

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