

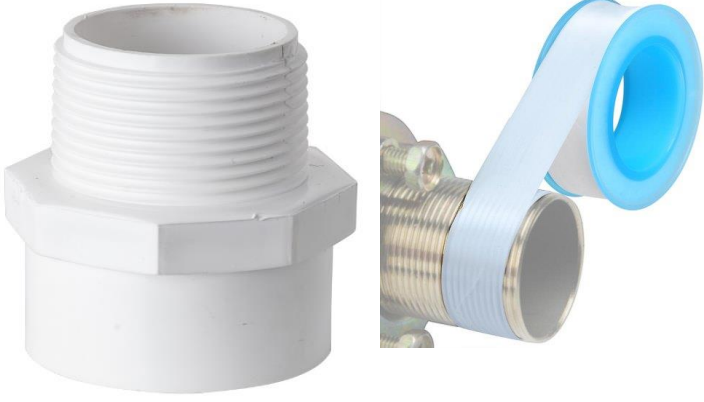







WATER DISTRIBUTING SYSTEM FOR THE GASIP COMMUNITY DEMONSTRATION FIELDS

Process to follow in setting up the water distribution systems

No.	Step	Picture	Required material(s)
1	<p>Assess and identify the slope of the demonstration field.</p> <p>Ideally, the storage tanks at the demonstration field are installed at a point where water can flow by gravity.</p>		
2	<p>Fix the $\frac{3}{4}$ x 1 inch busher/bushing to the tank connector.</p>		$\frac{3}{4}$ x 1" busher
3	<p>Tight the $\frac{3}{4}$ valve socket to the bushing. Remember to add a thread tape before tightening.</p>		$\frac{3}{4}$ valve socket Thread tape






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No.	Step	Picture	Required material(s)
	<p>Add S 100 glue to the valve socket and fix a $\frac{3}{4}$" pipe to the desired length.</p>		<p>S 100 glue $\frac{3}{4}$" PVC pipe</p>
	<p>Cut the pipe and fix the bend to the direction you want the water to flow.</p>		<p>$\frac{3}{4}$ bend</p>
	<p>At any corner, fix the bend and always add glue whenever you are fixing a pipe to a bend.</p> <p>The glue should be applied to the inside of the bend and the outside of the pipe.</p>		<p>$\frac{3}{4}$ Tee</p>




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No.	Step	Picture	Required material(s)
	<p>Fixed the $\frac{3}{4}$ Tee where you want the first tap to stand.</p> <p>Fix a $\frac{3}{4}$ pipe to the other end for continuation while you fix another pipe to stand upright for the first tap.</p>		
	<p>Cut a 4-inch pipe to the height you want the tap to reach.</p> <p>Put it over the $\frac{3}{4}$ tap pipe and fill the space with sand to allow the tap stand firm.</p>		<p>4" PVC pipe</p> <p>Sand</p>
	<p>Fix the pipe going up to the faucet bend. Remember to use your thread tape</p>		<p>Faucet bend</p>



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No.	Step	Picture	Required material(s)
	Fixed the tap head to the faucet bend again remember the thread tape on the tap head thread area.		³ / ₄ hose tap
	That ends the first tap. Repeat same for the remaining taps		

The pipe can be buried at least 2feet below ground to protect the pipes from fire and other damages