

Mount Shaddai Homeowner's Association

Thanks to Bob Linger wise thinking here is the water system plans he laid out for the future and present.

1.	Original System	This is the original water system as planned by Richard Stover And installed by Miller Well Drilling Co.	Completed
2.	Well Improvement	Deepen well from 330 feet to 660 feet.	Completed
3.	Well House	This is a small building designed to house the pump controls, Chemicals tank and pumps, supplies and tools. New chemical Injection equipment is installed in the well house to treat the raw Well water before it is stored and distributed.	Completed
4.	10,000 Gallon Tank	this 10,000 gallon polyethylene tank and tank house that encloses It, will replace the original 5,000 gallon steel tank. The increased Storage capacity should aid us in obtaining an operating permit for Approximately 40 homes.	In Progress
5.	New Distribution Zones	the system will be subdivided into zones with isolation valves and Water meters so usage can be better monitored and leaks can be Identified more readily.	Completed
6.	Well Number 2	A second well will be added to the system to increase capacity And reliability. With state approval this well could increase the Permitted system capacity to 60 or more homes.	Unplanned
7.	New Rhododendron main	The primary water distribution main runs from the storage tank to The junction box at Hemlock and Lake Ridge, down Hemlock to Rhododendron and down to the paved portion. This main should be 3 inches pipe. Approximately 2.350 Ft. is undersized and need to be Replaced to meet state standards.	Unplanned
8.	Small Projects	These projects are each independent and can be completed on an As needed-when needed basis.	Unplanned
8.1	Dogwood Main	This main would serve all lots on Dogwood.	Unplanned
8.2	Pump-Fill Line Improvements	The 2" line from the well to the tank would be reinforced At seven locations	Planned
8.3	New Laurel Ridge Main	The Laurel Ridge main needs to be upgrades from 1" pipe to 2" Pipe to meet state standards.	Unplanned
8.4	Flushing Valves	Each main must end with a flushing valve according to state Standards. They were specified for the original system, but Were never installed.	Planned
8.5	Upgrade Holley Ridge-Top lane	The Holly Ridge-top Lane main starts as 2" pipe but Is reduced to 1" at the ends. It must be upgraded to Meet state standards.	Unplanned
8.6	Upper Hemlock Main Upgrade	The Upper Hemlock Branch main is constructed with 1" Pipe (320 Ft). It would have to be upgraded to 2" pipe to Meet state standards.	Unplanned

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| 8.7 | Upper Rhododendron Upgrade | The upper Rhododendron main presently serves 2 houses In El-Shaddai II. Two El-Shaddai I home owners have Requested that they be allowed to connect to our water. A Short extension of the upper Rhododendron main would Be required to meet this request. | Refused |
| 8.8 | Island Main | This 3" main presently serves one house. There are a number of Lots further below this house, but they have not paid for water Rights. If this main is ever extended, it would require financial Participitation from most of all of these lots. | Unplanned |

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