

PEVELY FARMS HOMEOWNERS ASSOCIATION

WATER AND WASTEWATER PROCESSING

DESCRIPTION AND ILLUSTRATIONS



Well 2 →

← Well 1

← Water and Wastewater Facility

Crescent

← Old Entrance Near Clubhouse

Stonewall Dr

New Entrance →

← Main Storage Tank

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Clear well storage tanks (2). Each hold 33,000 gallons



Concrete Dispensing Tank – Holds 28,000 gallons



Water Plant



Step 1 – water from the wells (1/3 mile to the left of this picture) is pumped through the bottom of the dispensing tank to the apparatus on top of the tank. The water is then chlorinated and aerated before it goes into the dispensing tank where it sits to allow any particles to settle.



Step 2 – Inside the plant water from the dispensing tank is pumped by low service pumps (2) from the dispensing tank through two large sand filter tanks for final cleaning and then to the clear well storage tanks for holding.



Step 3 – The filtered water is pumped from the clear well storage tanks to the main standpipe (storage tank) on top of the hill off Lewis Road (1/2) mile to the right of this picture.



Wastewater Treatment Plant – located north of main building



Well (1 of 2) located next to Meramec River (30 foot above ground)



Main Standpipe (storage tank) located off Lewis Road near new entrance (holds 100,000 gallons).

