

Subsurface Technologies, Inc.

Aqua Gard® 5 Year Transition - Cost Benefit Analysis Sample

25 Well - Water Well Asset Maintenance Program

Based on Well Depth of 400 Ft. @ 12" Diameter with 40' of Total Screen Length

Current Rehab Program

Total Number of Wells	25
Current rehab cycle (years)	5
Current Well Rehab price	\$ 39,000
Current Annual Maintenance	0

Proposed Rehab & Maintenance Plan

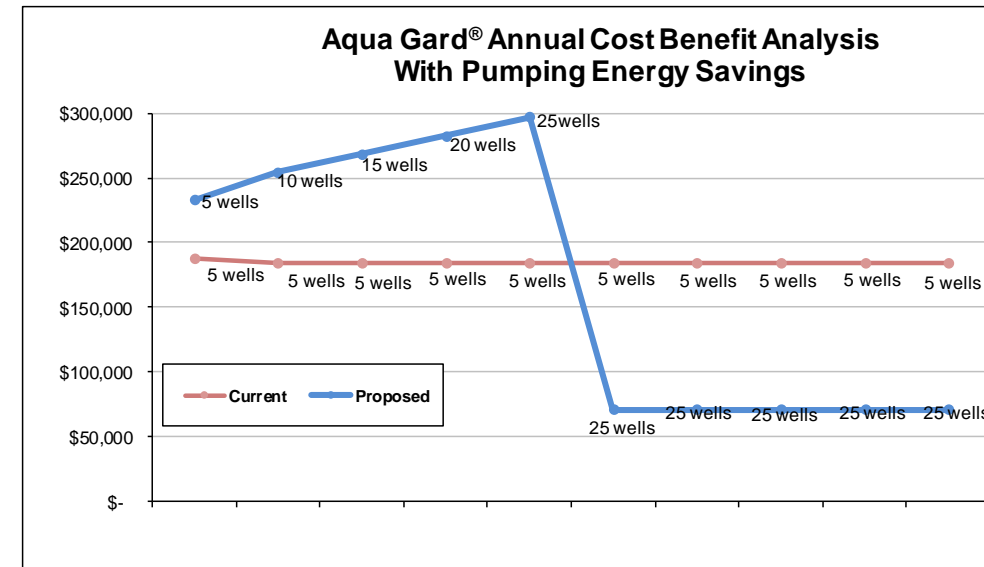
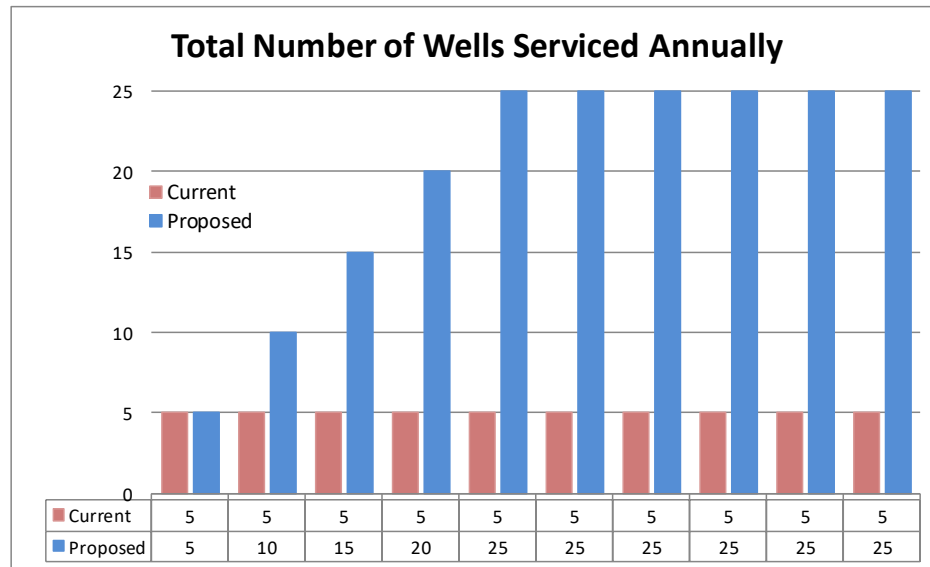
Total number wells	25
Cycle	5
STI Well Rehab price	\$ 39,000
AQUA GARD Installation	\$ 9,000
Proposed AG Services/Year	1
AQUA GARD Service Charge	\$ 5,000

Estimated Efficiency & Energy Savings

	Pre Treatment	Post Treatment
Production Rate	500	500
Static Water Level	50	50
Pumping Level	150	130
Specific Capacity	5.00	6.25
Est. Energy Cost	\$ 44,845	\$ 41,967
Estimated Annual Energy Cost Savings/well	\$ 2,877	

Costs

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Current	\$ 195,000	\$ 195,000	\$ 195,000	\$ 195,000	\$ 195,000	\$ 195,000	\$ 195,000	\$ 195,000	\$ 195,000	\$ 195,000
Net cost with Energy Savings	\$ 187,806	\$ 184,210	\$ 184,210	\$ 184,210	\$ 184,210	\$ 184,210	\$ 184,210	\$ 184,210	\$ 184,210	\$ 184,210
(*Note 1) # wells serviced	5	5	5	5	5	5	5	5	5	5
Aqua Freed®/AQUA GARD®	\$ 240,000	\$ 265,000	\$ 290,000	\$ 315,000	\$ 340,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000
Net cost with Energy Savings	\$ 232,806	\$ 254,210	\$ 268,419	\$ 282,629	\$ 296,839	\$ 71,048	\$ 71,048	\$ 71,048	\$ 71,048	\$ 71,048
(**Note 2) # wells serviced	5	10	15	20	25	25	25	25	25	25



***Note 1:** Assumes customer currently services 5 of their 25 wells each year, returning to the first 5 wells serviced again in year 5

****Note 2:** Year 1 - 5 wells rehabilitated @ \$39,000 each & equipped with AQUA GARD® @ \$9,000 each.; Year 2 - second 5 well selection rehabilitated @ \$39,000 each, equipped with AQUA GARD® @ \$9,000 each, along with servicing all Year 1 AQUA GARD® equipped wells @ \$5,000 each. This cycle is repeated for the first 5 years until all wells have been cleaned and serviced annually with AQUA GARD®. Year 6 and beyond 25 wells are serviced **annually** with Aqua Gard® vs. 5 well rehabilitations per year, for a fraction of the cost.