

Western Environmental
Technologies, Inc.

American Ranch DWID Monthly Operations Report April 2018

Dear Board,

Compliance Sampling

- Drinking Water System: Monthly samples were collected on the 17th, they were within ADEQ limits and were reported to ADEQ.
- Monitoring Well: Monthly samples were collected on the 17th they were within ADEQ limits.
- Wastewater Facility: Monthly samples were collected on the 17th, they were within ADEQ limits and were reported to ADEQ.
- ***Reports:***

None

Projects Completed

Low pressure in the water system. We conducted a small investigation of water pressures throughout the system. We collect 5 reading from the around the system and found the water pressure has drop at least 13 psi through out the system. We have increased the water pressure at the pump house from 72 to 85 psi. I contacted the parties that call about the low water pressure and it know appears adequate. I think the situation has been resolved.

Projects on going

Water meter automation/monitoring system quotes. Waiting on propagation study for final pricing.

Meter readings

Completed 04/25, the readings were emailed on 04/26 to IDS for billing. Total water delivered by the DWID 1,078,953 gallons.

Water Summary

Constituent	MCL Limit	Discharge Results	
Total Bacteria	0	0	
Chlorine residual	4.0 mg/l	0.85 mg/l	
System Pressure (PSI)	Low 70	Ave 73.97	High 85
Depth to ground water Public Water System	24.9 ft well casing raised 3 feet		
Depth to ground water Monitoring well	35.7 ft.		

Wastewater Summary

Constituent	Permit Limit	Discharge Results	High Reading	Low Reading	Average Reading
Fecal Coliform	0 (4 of 7)	0	0	0	0
Fecal Coliform Max	23	0	0	0	0
Flow Gallons per Day	57,000	total gallons (216,8545)			7,228
Total Nitrogen	10.0	4.53			
Turbidity Daily Ave (ntu)	2		1.2	0.20	0.48
Turbidity Daily Max (ntu)	5		1.9	0.25	0.70