

Before & After Water Usage Analysis

Address of renovated building: 5810 Park Heights Avenue, Baltimore, MD 21215

Builder/Remodeler: T.W. Ellis, LLC

Instructions:

Enter the estimated number of times used per week for each water using fixture in Column C. Note the same number must be used before and after the remodeling work (Columns C and F must be the same.).

Select a value for the "Fixture water use each time (gallons)" from the resources on the scoring tool or from the manufacturer's literature. If the "Before Remodeling" condition did not include a water using fixture enter zero in Column D. If the "After Remodeling" condition has eliminated a water using fixture enter zero in Column G. All newly installed fixtures in the "After Remodeling" case must use the water use value from the current manufacturer's literature.

Estimated Water Usage

Fixture location/ description	Before Remodeling			After Remodeling			Notes
	Number of times used per week	Fixture water use each time (gallons)	Typical gallons per week	Number of times used per week	Fixture water use each time (gallons)	Typical gallons per week	
Interior usage							
Dishwasher	2	35.0	70.0	2	20.0	40.0	
ice maker	N/A	0.0	0.0	N/A	0.0	0.0	
sink faucet	20	3.0	60.0	20	2.0	40.0	
toilet 1	3	5.0	15.0	3	1.6	4.8	
Tub 1	N/A		0.0	N/A	0.0	0.0	
shower 1	3	35.0	105.0	N/A	0.0	0.0	
bath sink 1	3	2.0	6.0	3	1.0	3.0	
bath sink 2	7	2.0	14.0	7	1.0	7.0	
toilet 2	7	5.0	35.0	7	1.6	11.2	
tub 2	0	0.0	0.0	0	0.0	0.0	
shower 2	7	35.0	235.0	7	12.5	87.5	
clothes washer	1	70.0	70.0	1	40.0	40.0	
toilet 3	N/A	0.0	0.0	3	1.6	4.8	
bath sink 3	N/A	0.0	0.0	3	1.0	3.0	
tub 3	N/A	0.0	0.0	3	12.5	37.5	
Total indoor water			610.0			278.8	
Exterior usage							
Exterior irrigation system	N/A			N/A			
Hose bib #1	1	40.0	40.0	1	60.0	60.0	
Hose bib #2	N/A	0.0	0.0	N/A	0.0	0.0	
other outdoor use	N/A	0.0	0.0	N/A	0.0	0.0	
other outdoor use	N/A	0.0	0.0	N/A	0.0	0.0	
Total exterior water usage			40.0			60.0	
Total water usage			650.0			338.8	

Percentage savings = 47.88%