

North Oakland County Water Authority

November 4, 2014

Comparison of Anticipated DWSD Revenue Requirements based on NOCWA Formation and Pontiac Improvements

Current DWSD contract values and revenue requirements based on individual contracts

Community	Volume MCF	Maximum Day Rate (MGD)	Peak Hour Rate (MGD)	Revenue Requirement (RR)	%
Auburn Hills	203,000	10.0	12.6	\$4,809,176.00	19.5
Orion Township	144,000	8.5	8.5	\$3,705,400.00	15.0
Pontiac	310,000	12.0	12.5	\$5,112,800.00	20.8
Rochester Hills	370,000	21.0	35.4	\$11,012,400.00	44.7
Totals	1,027,000	51.5	69.0	\$24,639,776.00	100.0

Pontiac adjusted to allow peak hour below max day

Community	Volume MCF	Maximum Day Rate (MGD)	Peak Hour Rate (MGD)	Revenue Requirement (RR)	%
Auburn Hills	203,000	10.0	12.6	\$4,809,176	20.8
Orion Township	144,000	8.5	8.5	\$3,705,400	16.1
Pontiac	310,000	12.0	3.0	\$3,551,331	15.4
Rochester Hills	370,000	21.0	35.4	\$11,012,400	47.7
Totals	1,027,000	51.5	59.5	\$23,078,307	100.0

NOCWA formed, reduced MD and PH due to variations in timing of peak usage

	Volume	MD	PH	RR	Net Savings*
NOCWA	1,020,000	50.6	56.0	\$21,530,600	\$3,109,176

*Theoretical savings. Actual savings begins in FY2016 based on rates to be calculated in January 2015.

Estimated NOCWA savings by community

Community	Current RR	Projected RR	Total Projected Savings
Auburn Hills	\$4,809,176	\$4,478,365	\$330,811
Orion Township	\$3,705,400	\$3,466,427	\$238,973
Pontiac	\$5,112,800	\$3,315,712	\$1,797,088
Rochester Hills	\$11,012,400	\$10,270,096	\$742,304
Totals	\$24,639,776	\$21,530,600	\$3,109,176