

City of Flint
Water Supply Option Analysis

Option	Interim Source	Primary Source	Back-Up Source	Cost NPV – 20yr.	Public * Health	Cost	Risk/ ** Reliability	Time (Primary Source)
1	GCDC	Flint WTP w/ WWTP residual discharge	Raw Water Reservoir; Distribution Storage	\$323M	3	4	3	3
2	GCDC	GCDC	GCDC	\$311M	2	3	2	2
3A;3B	GCDC	A.Flint WTP w/ on-site residual processing B. Flint WTP w/ WWTP residual discharge of residuals	GCDC	\$313M \$303M	3	2	2	3
4	GLWA	GLWA	GLWA (GCDC)	\$269M	1	1	1	1
5	GLWA	GLWA (until July, 2018) then GCDC	GCDC	\$335M	2	6	1	2
6A;6B	GLWA	A.Flint WTP with on-site residual processing B.Flint WTP with WWTP discharge of residuals	GLWA	\$364M \$354M	2	7	1	3
7A;7B	GLWA	A.Flint WTP with on-site residual processing B.Flint WTP with WWTP discharge of residuals	GCDC	\$337M \$327M	2	5	1	3
8	GLWA	GCDC	Flint WTP	\$456M	3	8	1	2
9	GLWA	GLWA	Flint WTP	\$482M	1	9	1	1

*reflects number of required water source changes; not indicative of the quality of any individual water source

** Indication of reliable capacity available for Flint

NPV= Net Present Value (- 20 year projection)