

Exhibit A
BLOOMINGTON AVENUE WATERMAIN EXTENSION
(EAST OF OLIVE AVENUE TO LARCH AVENUE)
CONSTRUCTION COST ESTIMATE

NO	ITEM	UNIT COST	QTY	UNITS	TOTAL
1	Mobilization (including payment, performance and 2-year warranty bonds, and insurance)	\$ 15,000.00	1	LS	\$ 15,000.00
2	Traffic Control and Plan (including all Permits and Requirements)	\$ 10,000.00	1	LS	\$ 10,000.00
3	Cut, plug and abandon existing 8-inch waterline.	\$ 2,500.00	3	EA	\$ 7,500.00
4	Furnish and install 8-inch DIP 90 degree bend on 8-inch AC waterline	\$ 2,000.00	1	EA	\$ 2,000.00
5	Furnish and install 8-inch gate valve	\$ 3,500.00	6	EA	\$ 21,000.00
6	Furnish and intall thrust block	\$ 300.00	4	EA	\$ 1,200.00
7	Furnish and install 8-inch flange tee	\$ 1,000.00	2	EA	\$ 2,000.00
8	Furnish and install 8-inch flange x MJ adaptor	\$ 250.00	7	EA	\$ 1,750.00
9	Furnish and install 8-inch mega lug restraint	\$ 150.00	7	EA	\$ 1,050.00
10	Furnish and install 8-inch flange cross	\$ 1,500.00	1	EA	\$ 1,500.00
11	Furnish and install 8-inch to 6-inch redurcer	\$ 1,000.00	1	EA	\$ 1,000.00
12	6" x 6" Steel Tapping Outlet with 6" Valve	\$ 5,000.00	1	EA	\$ 5,000.00
13	Furnish and install 1-inch air vac assembly	\$ 3,500.00	1	EA	\$ 3,500.00
14	Furnish and install 4-inch blow off	\$ 4,000.00	1	EA	\$ 4,000.00

15	8" x 8" Mueller MJ Tapping Sleeve with 8" Valve	\$ 7,000.00	1	EA	\$ 7,000.00
16	Furnish and install 8-inch DIP CL350	\$ 150.00	630	LF	\$ 94,500.00
17	Abandon existing service and furnish and install new 1-inch water service line "short side" per WVWD Std. Dwg. W-4.	\$ 2,500.00	11	EA	\$ 27,500.00
18	Abandon existing service and furnish and install new 2-inch water service line "long side" per WVWD Std. Dwg. W-5.	\$ 9,000.00	1	EA	\$ 9,000.00
19	Furnish and install meter and meter box.	\$ 400.00	11	EA	\$ 4,400.00
20	8" Fully Welded CMLC Inverted Siphon.	\$ 50,000.00	1	EA	\$ 50,000.00
21	Hydrostatic testing, chlorination and bacteria testing.	\$ 2,000.00	1	LS	\$ 2,000.00
22	Furnish and install new RHMA pavement.	\$ 25.00	1890	SF	\$ 47,250.00
23	Trench, Excavate and Backfill	\$ 15.00	1890	SF	\$ 28,350.00
24	Compaction Test and Report	\$ 750.00	8	EA	\$ 6,000.00
Estiamted Construction Costs					\$ 352,500.00
10% Contingency					\$ 35,250.00
10% Administration and Inspection					\$ 35,250.00
Total for Relocation Costs					\$ 423,000.00