

EXHIBIT C1

WATER MAIN ESTIMATED COSTS

Engineer's Cost Estimate

Mingus West Units 1-4 Transmission Line
 Engineer's Opinion of Probable Cost - MINGUS WEST UNIT 6
 November 16, 2022
 Ash-Dorn, LLC - Mingus West Units 5-9 - TSC #1154



Note: The following is an engineer's cost valuation and is for estimating purposes only. The plans entitled Improvement Plans for Mingus West Unit 6 dated 10/31/2022 were utilized in the preparation of the quantities below. This is a preliminary estimate. The engineer makes no guarantees as to accuracy or unit costs.

ONSITE QUANTITIES & COSTS - RELOCATE 6" & 10", IN-KIND

ITEM	QTY	UNIT	UNIT COST	TOTAL
10" PVC Waterline	1,429	LF	\$ 60.00	\$ 85,740.00
6" PVC Waterline	517	LF	\$ 50.00	\$ 25,850.00
10" Gate Valve	6	EA	\$ 2,475.00	\$ 14,850.00
6" Gate Valve	2	EA	\$ 1,600.00	\$ 3,200.00
10"x90° DIP Bend with Thrust Block	1	EA	\$ 425.00	\$ 425.00
10"x45° DIP Bend with Thrust Block	2	EA	\$ 425.00	\$ 850.00
10"x10" DIP Tee with Joint Restraints	2	EA	\$ 525.00	\$ 1,050.00
6"x45° DIP Bend with Thrust Block	2	EA	\$ 425.00	\$ 850.00
10"x6" DIP Reducer	1	EA	\$ 445.00	\$ 445.00
SUBTOTAL				\$ 132,815.00

ONSITE QUANTITIES & COSTS - RELOCATE & UPSIZE 8" & 12"

ITEM	QTY	UNIT	UNIT COST	TOTAL
12" DIP Waterline	1,429	LF	\$ 110.00	\$ 157,190.00
8" DIP Waterline	517	LF	\$ 71.48	\$ 36,955.16
12" Gate Valve	6	EA	\$ 3,000.00	\$ 18,000.00
8" Gate Valve	2	EA	\$ 1,722.00	\$ 3,444.00
12"x90° DIP Bend with Thrust Block	1	EA	\$ 450.00	\$ 450.00
12"x45° DIP Bend with Thrust Block	1	EA	\$ 450.00	\$ 450.00
12"x12" DIP Tee with Thrust Block	2	EA	\$ 590.00	\$ 1,180.00
10"x45° DIP Bend with Thrust Block	1	EA	\$ 425.00	\$ 425.00
8"x45° DIP Bend with Thrust Block	1	EA	\$ 425.00	\$ 425.00
6"x45° DIP Bend with Thrust Block	1	EA	\$ 425.00	\$ 425.00
8"x6" DIP Reducer	2	EA	\$ 445.00	\$ 890.00
12"x10" DIP Reducer	2	EA	\$ 445.00	\$ 890.00
SUBTOTAL				\$ 218,944.16

TOTAL WATER WORK: 6" & 10" PVC \$ 132,815.00
TOTAL WATER WORK: 12" & 8" DIP \$ 218,944.16
UPSIZING COSTS OF 12" & 8" DIP \$ 86,129.16

