



CVL Consultants of Colorado, Inc.  
 10333 E. Dry Creek Rd  
 Suite 240  
 Englewood, Colorado 80112  
 720.482.9526 Fax 720.482.9546

**TRAILS AT CROWFOOT FILING 7  
 ENGINEER'S ESTIMATE OF ANTICIPATED COSTS**

PROJECT: TRAILS AT CROWFOOT FILING 7 ACREAGE: 13.378  
 CLIENT: E5X MANAGEMENT JOB NUMBER: 283701  
 ESTIMATE PREPARED BY: CVL CONSULTANTS OF COLORADO, INC. PHASE: FILING 7  
 DATE: 3/7/2018

**SANITARY SEWER**

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	8" SEWER (PVC)	1,116	L.F.	\$48.00	\$53,568.00
	12" SEWER (PVC)	0	L.F.	\$54.00	\$0.00
	18" SEWER (PVC)	0	L.F.	\$67.00	\$0.00
	4' DIA. MANHOLE	8	EA.	\$2,850.00	\$22,800.00
	5' DIA. MANHOLE	0	EA.	\$2,850.00	\$0.00
	STANDARD CLEANOUT	0	EA.	\$300.00	\$0.00
	DROP MANHOLE	0	EA.	\$5,000.00	\$0.00
	INTERMEDIATE PLATFORM	0	EA.	\$700.00	\$0.00
	4" SEWER SERVICE	49	EA.	\$1,615.00	\$79,135.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	5	EA.	\$1,900.00	\$9,500.00
					<b>\$165,003.00</b>

**WATERLINE**

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	6" WATERPIPE (DIP)	76	L.F.	\$20.00	\$1,520.00
	8" WATERPIPE (PVC)	1,602	L.F.	\$39.00	\$62,478.00
	12" WATERPIPE (PVC)	0	L.F.	\$57.00	\$0.00
	16" WATERPIPE (DIP)	0	L.F.	\$77.60	\$0.00
	6" GATE VALVE	3	EA.	\$1,000.00	\$3,000.00
	8" GATE VALVE	1	EA.	\$1,750.00	\$1,750.00
	12" GATE VALVE	0	EA.	\$3,000.00	\$0.00
	16" BUTTERFLY VALVE	0	EA.	\$18,000.00	\$0.00
	8" MISC. FITTINGS	11	EA.	\$460.00	\$5,060.00
	12" MISC. FITTINGS	0	EA.	\$730.00	\$0.00
	16" MISC. FITTINGS	0	EA.	\$1,500.00	\$0.00
	AIR / VACUUM VALVE	2	EA.	\$6,700.00	\$13,400.00
	8" CAP WITH BLOW OFF VALVE	0	EA.	\$2,000.00	\$0.00
	2" BLOW OFF VALVE (8" LINE-LOW POINT)	0	EA.	\$2,000.00	\$0.00
	6" BLOW OFF VALVE (16" LINE-LOW POINT)	0	EA.	\$2,500.00	\$0.00
	FIRE HYDRANT WITH 6" LEAD	3	EA.	\$5,000.00	\$15,000.00
	IRRIGATION SERVICE W/ METER(2")	0	EA.	\$2,500.00	\$0.00
	DOMESTIC WATER SERVICE W/ METER	49	EA.	\$1,400.00	\$68,600.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	4	EA.	\$1,000.00	\$4,000.00
					<b>\$174,808.00</b>

CONTINGENCIES 20% OF CONSTRUCTION COSTS = \$67,962.20

Total Filing 7 Water/Sewer= **\$407,773.20**

