

**HIGH WATER PROJECT
LAKE SHAMINEAU LAKE IMPROVEMENT DISTRICT**

**Amended Preliminary Opinion of Probable Construction Cost
Alternative 2B**

September 20, 2019

Item Number	Item Description	Quantity	Unit	Unit Cost	Extended Cost
1	MOBILIZATION	1	LS	\$ 70,000.00	\$ 70,000.00
2	CLEAR & GRUB - FM ALIGNMENT & BASINS	4	AC	\$ 7,000.00	\$ 28,000.00
3	DEWATERING - PUMP STA. SITE	1	LS	\$ 100,000.00	\$ 100,000.00
4	COMMON EXCAVATION - INF BASINS	28,000	CY	\$ 8.50	\$ 238,000.00
5	COMMON EXCAVATION - PUMP STATION ROAD	440	CY	\$ 8.50	\$ 3,740.00
6	FILL AT PUMP STATION SITE	200	CY	\$ 25.00	\$ 5,000.00
7	PUMP STATION	1	LS	\$ 380,000.00	\$ 380,000.00
8	INTAKE SCREEN & PIPING	1	LS	\$ 50,000.00	\$ 50,000.00
9	PORTABLE AIR BACKWASH SYS.	1	EA	\$ 30,000.00	\$ 30,000.00
10	AIR RELEASE VALVE MANHOLE	2	EA	\$ 15,000.00	\$ 30,000.00
11	30" ROAD CROSSING - JACK & BORE	60	LF	\$ 700.00	\$ 42,000.00
12	18" PVC FORCEMAIN C905 - TRENCH	4,500	LF	\$ 125.00	\$ 562,500.00
13	18" PVC GRAVITY C905 - TRENCH	740	LF	\$ 125.00	\$ 92,500.00
14	18" HDPE FORCEMAIN - DIR. BORE	200	LF	\$ 200.00	\$ 40,000.00
15	18" INTAKE PIPE	150	LF	\$ 300.00	\$ 45,000.00
16	18" PLUG VALVE	2	EA	\$ 10,000.00	\$ 20,000.00
17	DIP FITTINGS	2,000	LBS	\$ 6.00	\$ 12,000.00
18	CONTROL STRUCTURE	1	EA	\$ 30,000.00	\$ 30,000.00
19	OUTFALL DISCHARGE PAD	2	EA	\$ 5,000.00	\$ 10,000.00
20	GRAVEL ROAD CONSTRUCTION (6" GRAVEL)	222	CY	\$ 25.00	\$ 5,555.56
21	RANDOM RIPRAP CL 3	50	CY	\$ 80.00	\$ 4,000.00
22	GEOTEXTILE FILTER TYPE III	100	SY	\$ 2.00	\$ 200.00
23	MACHINE SPLICED SILT FENCE	2,000	LF	\$ 4.00	\$ 8,000.00
24	FLOATING SILT CURTAIN	450	LF	\$ 20.00	\$ 9,000.00
25	EROSION CONTROL BIOROLL	250	LF	\$ 10.00	\$ 2,500.00
26	SCARIFY BASIN BOTTOM	5	AC	\$ 500.00	\$ 2,500.00
27	SEEDING - LAWN OR ROADWAY MIX	2	AC	\$ 2,000.00	\$ 4,000.00
28	SEEDING - NATIVE MIX	10	AC	\$ 4,000.00	\$ 40,000.00
29	MULCH & DISK ANCHOR	6	TON	\$ 500.00	\$ 2,900.00
30	EROSION CONTROL BLANKET	15,000	SY	\$ 2.00	\$ 30,000.00
31	WIRE FENCE	200	LF	\$ 15.00	\$ 3,000.00
32	VEHICLE GATE	1	EA	\$ 2,000.00	\$ 2,000.00
33	PUMP STATION/FORCEMAIN ALIGNMENT PLANTINGS	1	LS	\$ 20,000.00	\$ 20,000.00

TOTAL \$ 1,922,395.56

Item 3 Note: Includes dewatering groundwater around pump station.

Item 4 Note: Includes earth moving in the gravel pit to built the infiltration basins.

Item 7 Note: Includes the costs of pumps, electrical controls, and wet well.

Items 11-14 Note: Includes the excavation, boring, and laying of the pipe from the lake to the infiltration basins.

Total Project Costs as of September 20, 2019:

Construction	\$ 1,922,396
Contingency 13%	\$ 249,911
Construction Engineering	\$ 74,000
LSID legal, fiscal, administration	\$ 28,693

Total Project Costs as of September 20, 2019 \$ 2,275,000