

LIGHTPOINT

ENGINEERING, LLC

Date: August 13, 2023

Attention: Board of Directors

Reference: Montgomery County Fresh Water Supply District #6

LPE Job No. GCL-703-7

Dear Directors:

LightPoint Engineering (LPE) is pleased to present this Feasibility and Bond Authorization Report for Montgomery County Fresh Water Supply District #6 (the "District"). We have prepared this letter to demonstrate the engineering feasibility of the District.

A. Engineering Feasibility

Based on our preliminary examination of the District's facilities, we have concluded that it is generally feasible from an engineering standpoint for the District to construct, repair, and replace various new and existing water production and distribution facilities. Attached is a copy of estimated construction costs for the proposed water improvements.

B. Water Facilities

Planned water facilities projects include the installation of a new hydropneumatic tank No.1, the rehabilitation of ground storage tank No. 1 and No. 2, the recoating of hydropneumatic tank No. 2, the addition a Catahoula well, as well as replacement of the systems water lines. The construction costs of the proposed water facilities projects have been estimated to total \$4,243,090.00.

C. Bond Authorization

The necessary water bond authorization has been analyzed utilizing inflation adjusted costs and assessed values. Assuming 10% for future contingencies and an annual inflation rate of approximately 3% for 5 years, as well as considering the associated non-construction costs, it is our opinion that \$5,000,000.00 in District-authorized utility bonds should be authorized to cover the costs associated with the maintenance, rehabilitation, and possible replacement of the existing water facilities currently located within the District. See the attached bond authorization breakdown for a more detailed explanation of the projected costs.

D. Conclusion

It is our opinion that it is feasible to undertake the referenced projects and authorize the referenced amount of bonds.

Sincerely,



Michael Mathena, P.E.

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**Fresh Water Supply District #6 - Capital Improvement Plan
August 2023**

No.	Description	Estimated Cost
1	Hydro Tank 1 Replacement	\$ 82,000.00
2	Hydro Tank 2 Recoating	\$ 22,000.00
3	GST 1 Repairs	\$ 82,500.00
4	GST 2 Repairs	\$ 82,500.00
5	Catahoula Water Well	\$ 1,430,000.00
5	Water Line Replacement	\$ 1,540,000.00
	Subtotal Total	\$ 3,239,000.00
	Contingency (16%)	\$ 518,240.00
	Engineering/Survey (15%)	\$ 485,850.00
	Total	\$ 4,243,090.00



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