



STATE OF WEST VIRGINIA
DEPARTMENT OF HEALTH AND HUMAN RESOURCES
Bureau for Public Health
Office of Environmental Health Services

Bill J. Crouch
Cabinet Secretary

Ayne Amjad, MD, MPH
Commissioner & State Health Officer

MEMORANDUM

TO: Marie Prezioso, Chairman, Technical and Funding Committee
WV Infrastructure and Jobs Development Council

FROM: Stephanie Hickerson, P.E. *SDH*
Water Technical and Funding Committee

DATE: November 23, 2021

SUBJECT: IJDC Application- **2021C-130**
Critical Needs Application
Greater Harrison PSD
Locust Heights System Improvements
Harrison County

RECOMMENDATION:

This Critical Needs application appears technically feasible however it does not appear to meet the definition of a critical need project so the application should be returned.

PROJECT SCOPE:

The Greater Harrison Co. PSD is proposing to install a 50 gpm Hydro pneumatic booster pump station at the base of the Locust Heights development, to provide necessary pressure to the residents of Locust Heights. These residents currently have very low to no water pressure at their homes and utilize in home pumps.

The cost per customer is approximately \$23,600 per customer. The project cost is \$425,000 with a construction cost of \$328,000.

Current Rates: \$39.20 (1.07% MHI)

NEED FOR THE PROJECT:

The residents in the Locust Heights area of Harrison County are stricken will very low to no water pressure at their homes. This development of 18 customers were originally connected to the Valley of Good Hope system prior to being absorbed by Greater Harrison County PSD. This development sits above the PSD's storage tanks, and the customers currently have in home pumps. Over time, the pressure at the connection to the systems have become so low, that some residents are unable to get enough pressure to support an in home pump. The District is seeking funds to remedy this situation.

Greater Harrison PSD
Project No.: **2021C-130**
November 23, 2021
Page 2

CONCERNS:

1. This project does not appear to fit the definition of a critical need project and there are no customers currently out of service. Recommend that this work be included in a larger project.

**CRITICAL NEEDS APPLICATION SUMMARY
WEST VIRGINIA INFRASTRUCTURE AND JOBS DEVELOPMENT COUNCIL**

A. General Information

Project Sponsor:	Greater Harrison County PSD				
Project Number:	2021C-130				
Contact:	William Hoover, City				
Critical need project as defined by §31-15A-17c?					
No Service?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Customers out of service:	0	
Failure?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Failed component(s):	0	
Extension?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Number of new customers:	0	
Project Cost:	\$425,000	Revenue Fund:	Renewal & Replacement Fund:	Capital Maintenance Fund:	Other Available Funds:
		Not provided	Not provided	Not provided	Not provided
Project Description:	The residents in the Locust Heights area of Harrison County are stricken will very low to no water pressure at their homes. This development of 18 customers were originally connected to the Valley of Good Hope system prior to being absorbed by Greater Harrison County PSD. This section sits above the Districts storage tanks, and the customers have in home pumps. Over time, the pressure at the connection to the systems have become so low, that some residents are unable to get enough pressure to support an in home pump. The District is seeking funds to remedy this situation, as the PSC and a local Delegate are involved.				
Project Schedule:	If funding is approved, the District plans to permit the project by the end of the year, and be prepared to bid the project in the first quarter of 2022, and construction in the Spring of 2022.				
Remedial Action:	The District is proposing to install a Hydropneumatic BPS at the base of the development, to provide necessary pressure to the residents of Locust Heights.				

Rates (3,400-gal)	2015 Census	Notes:
Existing Rates:	\$39.20	While there is no specific failed component, service is affected by an uncorrected pressure problem since absorption of this area into the PSD.
Current MHI:	\$43,987	
Current % MHI:	1.07%	
1% MHI:	\$36.66	
1.5% MHI:	\$54.98	
2% MHI:	\$73.31	