

TO: Mayor Robert E. Simison
Members of the City Council

FROM: Dean Stacey

DATE: 27 June 2022

SUBJECT: Water Distribution System Interconnect Agreement Between City of
Meridian and Veolia On Franklin Road

REQUESTED COUNCIL DATE: 12 July, 2022

I. RECOMMENDED ACTION

A. Move to:

1. Approve the agreement with Veolia
2. Authorize the Mayor to sign the agreement

II. DEPARTMENT CONTACT PERSONS

Dean Stacey, Engineering Project Manager	208-489-0386
Kyle Radek, Assistant City Engineer	208-489-0351
Warren Stewart, City Engineer	208-489-0350
Laurelei McVey, Director of Public Works	208-985-1259

III. DESCRIPTION

A. Background

Since as early as 2006, the City of Meridian and Veolia (then United Water) have been discussing the potential for interconnections between water distribution systems. Both Meridian and Veolia operate and maintain robust water supply and distribution systems that are each independently capable of providing service during emergency conditions as required by Idaho Rules for Public Drinking Water Systems (IRPDWS). Interconnections between the two systems will provide an even higher level of redundancy and mitigation in the event of

emergency conditions worse than those prescribed by those rules. Interconnects represent the potential for additional supply equivalent to multiple wells at a fraction of the cost.

After years of proactive coordination between the two entities, development in each system has created an opportunity to accomplish this objective.

The City of Meridian has requested an interconnect with the Veolia water system just west of the Franklin Road and Cloverdale Road intersection. The interconnect would be able to provide supply in either direction at the request of either water system. The two parties have developed an agreement outlining how the interconnect will be designed, built, and operated. The agreement provides for the supplying water system to be able to meet their own demands before any obligation to provide for the requesting system, therefore, the proposed interconnect can not be an impairment to either system.

B. Proposed Project

Extend the existing 12-inch water main into the ACHD property at 4330 E Franklin Rd located where a future collector street and ACHD traffic facility will be constructed. Next, construct an 11 foot by 9 foot, in-ground interconnect valve vault that would contain parallel water mains, gate valves, flow meters, and check valves. This would allow the City of Meridian and Veolia Water systems to share water during mutual agreed emergencies for limited times and quantities.

IV. IMPACT

A. Strategic Impact:

This endeavor would allow both the City of Meridian and Veolia Water to ensure they would have an established source of water they could utilize during emergency situations.

B. Service/Delivery Impact:

Improve ability of both adjacent water systems to have redundant supply to meet customer water needs even during water emergencies.

C. Fiscal Impact:

Project Costs:

Fiscal Year 2023		\$103,850
	10% Contingency	\$20,770
	Total	\$124,620
	Total Project Cost	\$124,620

Project Funding

Fiscal Year	Account Code / Codes	\$124,620
	60-3490-96140	
	Total Funding	\$124,620

V. **ALTERNATIVES**

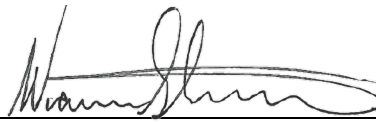
Don't approve the agreement and continue to operate existing water distribution system under current conditions.

VI. **TIME CONSTRAINTS**

This agreement needs approval in order to proceed with construction in conjunction with an ACHD project in spring 2023.

VII. **LIST OF ATTACHMENTS**

Interconnect agreement

Approved for Council Agenda: _____  _____