

**Attachment No. 5 – Final Walkthrough Punch List/  
Inspection Report**



# FINAL WALKTHROUGH PUNCH LIST

Project Name		Project Address	Project Number	Project Manager	Date
Jefferson St. WTP Chlorine Feed Improvements		2519 Jefferson St.	210163.001	James Hoelscher, P.E.	3/14/2024
Item Number	Description	Location	Action Item		Status
1	<u>Testing: Pressure Testing for pipes and Density Testing</u>				
2	<u>Flowable Fill Placement</u>				
3	<u>ARV and Isolation Valves Functionality</u>				
4	<u>Piping Connections</u>				
5	<u>Wall Penetrations at Flash Mix Building, Chlorine Room, and Filter Building</u>				
6	<u>City concurrence of system functionality</u>				

# CITY OF LAREDO UTILITIES DEPARTMENT

## JEFFERSON ST. WTP CHLORINE FEED IMPROVEMENTS

### FINAL WALKTHROUGH



#### Photo Report

**DATE:** March 14, 2024  
**CLIENT:** City of Laredo Utilities Department  
**CONTRACTOR:** J.S. Haren  
**ENGINEER:** Ardurra  
**ATTENDANCE:** Orencio Zamarripa (Ardurra), James Hoelscher (Ardurra),  
Al Martinez (Laredo), Mitchell Kouthy (J.S. Haren)

#### General Punchlist Items

- City has moved the ARV provided for the project to just outside the chlorine room. J.S. Haren has provided cut sheet to Laredo to buy and install one themselves at high point as designed in project.



Photo 1: Pipes outside of the chlorine room.



### Punchlist Items

- Insulate all above ground piping per drawing note.
  - Note: pre-construction photos show point riser at raw water injection entirely insulated before this project. Contractor to re-apply insulation to existing piping as well as new piping.



Photo 2: City, Ardurra, and J.S. Haren discussing outside piping connection at the chlorine room.





Photo 3: 3" Tee and reducer location, south view. (Refer to punch list item 3)



Photo 4: 3" Tee and reducer location, north view. (Refer to punch list item 3)





Photo 5: View of point riser. (Refer to punch list item 3)



Photo 6: Point riser. (Refer to punch list item 3)





Photo 7: Excerpt from Drawing Package Showing Piping At Raw Water Injection with Insulation Pre-Construction





**Photo 8:** Contractor to replace sidewalk pavement at chemical building that was removed during construction (Refer to punch list item 4)

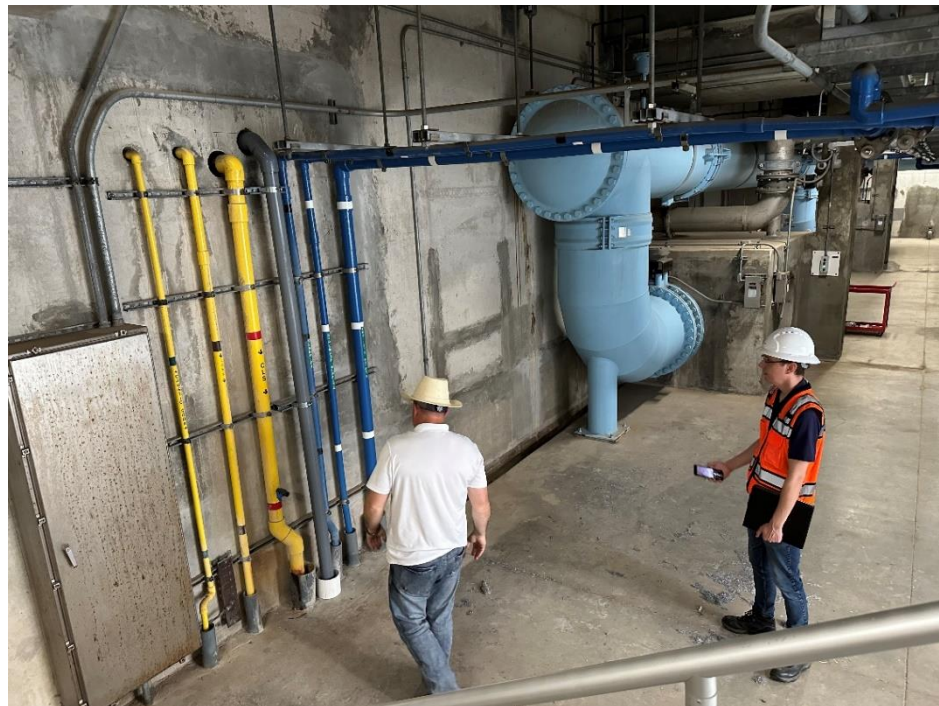


**Photo 9:** Sidewalk outside chemical building. (Refer to punch list item 4)





**Photo 10:** Line connection to chemical building, east view. (Refer to punch list item 3)



**Photo 11:** Line connection inside filters building ground level. (Refer to punch list item 5)



**Photo 12:** Line connection inside filters building lower level. (Refer to punch list item 5)



**Photos 13 and 14:** Contractor to provide labels/stickers for chemical piping inside filter building to City for placement. (Refer to punch list item 5)





Photos 15 & 16: Tank connection. (Refer to punch list item 5)