



Piedmont Water and Wastewater Improvements Progress Update to Council

7/28/2025



ENGINEERING | SURVEYING | PLANNING
SMITH ROBERTS BALDISCHWILER, LLC

1

Agenda

Review Progress Made, Upcoming Activities, and Any Discussion Items

- Water Projects
 - PMA 25-001 Water Distribution System Improvements
 - PMA 25-002 1 MG Elevated Storage Tank
 - PMA 25-003 Redrill Water Wells Design Services
 - PMA 25-004 Secondary OKC Water Connection
 - PMA 25-005 Additional Water Design Services
- Wastewater Projects
 - PMA 25-006 Sanitary Sewer Evaluation Study
 - PMA 25-007 Wastewater Master Plan and Hydraulic Model

2

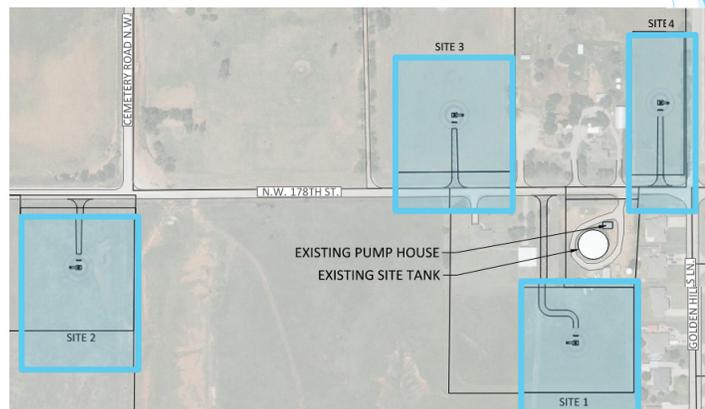
Water Projects

PMA	Progress Made	Upcoming	Discussion
25-001 Water Distribution Improvements	<ul style="list-style-type: none"> Hydraulic model setup almost complete 	<ul style="list-style-type: none"> Calibrate model Update with Most recent OKC improvements 	
25-002 1 MG Elev. Storage Tank	<ul style="list-style-type: none"> Developed conceptual site plan for 4 locations 	<ul style="list-style-type: none"> Prelim discussions with property owners 	<ul style="list-style-type: none"> Review site plans (next slides)
25-003 Redrill Water Wells Design	<ul style="list-style-type: none"> Not started yet 	<ul style="list-style-type: none"> Kickoff meeting Getting survey 	
25-004 Secondary OKC Water Connection	<ul style="list-style-type: none"> Survey 95% complete 	<ul style="list-style-type: none"> Finish survey Begin conceptual alignment design 	<ul style="list-style-type: none"> Working with OKC on MOU and Policy 1A agreement
25-005 Additional Water Design Services	<ul style="list-style-type: none"> Survey for new pump station 95% complete Conceptual site plan 	<ul style="list-style-type: none"> Finish survey Prelim discussions with property owners 	<ul style="list-style-type: none"> Review site plan (next slides)

3

Conceptual Elevated Storage Tank Site Plans

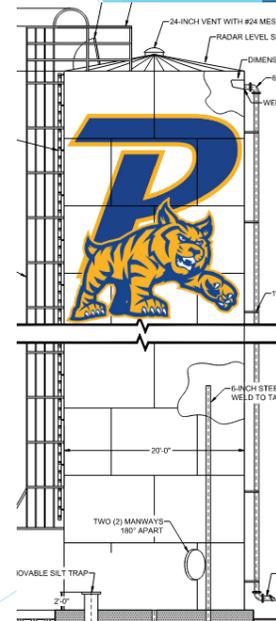
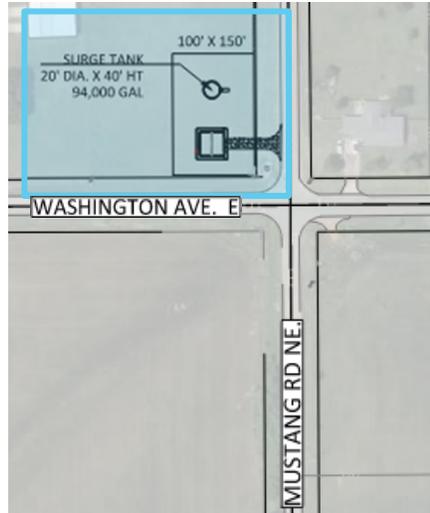
- ▶ 300'x300' (typ)
- ▶ Composite Tower:
 - ▶ 140' Tall
 - ▶ 75' diameter tank
 - ▶ 40' diameter pedestal
- ▶ Gravel access road



4

Conceptual Pump Station Site Plan

- ▶ 100'x150'
- ▶ Surge Tank
 - ▶ 20' diameter
 - ▶ 40' height
 - ▶ 94,000 gallons



5

Wastewater Projects

PMA	Progress Made	Upcoming	Discussion
25-006 Sanitary Sewer Evaluation Study	<ul style="list-style-type: none"> • Manhole inspections nearly complete 	<ul style="list-style-type: none"> • Finish manhole inspections • Begin smoke testing end of July 	
25-007 Wastewater Master Plan & Hydraulic Model	<ul style="list-style-type: none"> • Not started yet 	<ul style="list-style-type: none"> • Kickoff meeting for Master Plan 	

6