ROSWELL INFRASTRUCTURE COMMITTEE AGENDA

Monday, OCTOBER 19, 2026 AT 2:00 P.M.
City Hall - Mike Mathews Conference Room
425 N. Richardson Ave., Roswell, New Mexico 88201
Committee Chair: Darrell Johnson
Committee Vice Chair: Juan Oropesa
Committee Members: Bob Corn, Kurt Gass, and Carlos Marrujo, Jr.
Staff Coordinator: James MacCornack

CALL TO ORDER

ROLL CALL

APPROVAL OF AGENDA

APPROVAL OF MINUTES

1. Approval of the September 21, 2026, Infrastructure Committee Meeting Minutes.

REGULAR ITEMS

2. Consider recommending Resolution 26-XX for adoption of the City of Roswell 2026 Water Master Plan.

NON-ACTION ITEMS

3. Discussion regarding Purple Wave Auction.
4. Department Report - Solid Waste & Fleet
5. Department Report -Transit
6. Department Report - Streets
7. Department Report - Special Electronics
8. Department Report - Utilities
9. Department Report - Engineering
10. Department Report - Cemetery
11. Department Report - Parks
12. Department Report - Zoo
13. Department Report - Wastewater
14. Department Report - Recreation
15. Department Report - Facility Maintenance

PUBLIC PARTICIPATION

ADJOURN

Notice of this meeting has been given to the public in compliance with Sections 10-15-1 through 10-15-4 NMSA 1975 and Resolution 26-12.

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Infrastructure Committee

Meeting Date: 10/19/2026

COMMITTEE: Infrastructure

CONTACT: James MacCornack **CHAIR:** Darrell Johnson

ACTION REQUESTED:

Approval of the September 21, 2026, Infrastructure Committee Meeting Minutes.

Attachments

Draft Minutes of the September 21, 2026, Infrastructure Committee Meeting

Regular Meeting of the Infrastructure Committee
Held in the City Hall's Mike Mathews Conference Room
September 21, 2026

Notice of this meeting was given to the public in compliance with Sections 10-15-1 through 10-15-4, NMSA 1978 and Resolution 26-12.

ROLL CALL:

The meeting convened at 4:00 p.m. with Chairman Johnson, Councilor Gass, Councilor Oropesa, Councilor Corn, and Councilor Marrujo being present.

Staff Present:

Chris Moore, Becky Hicks, Debbie Reyer, Abraham Chaparro, Andrew Valadez, Naomi Steward, Valente Ruiz, Sr., David Fierro, Frank Rincon, Interim Assistant City Manager - Michael Taylor, Angela Garcia, Amalia Martinez, Mac Rogers, Bobbi Thompson, Nathaniel Mascarenas, Councilor Juliana Halvorson, Josh Nairn-Mahan, Stacey McGuigan, and Bernadette Lopez

Guest(s) Present:

Terry Harper, Alex Ross, Vicki (No last name provided), and Cody Anderson

APPROVAL OF AGENDA:

Councilor Gass moved to approve the agenda for September 21, 2026, as presented. Councilor Corn was second. A voice vote of 5-0 was unanimous, and the motion passed.

APPROVAL OF MINUTES:

1. Approval of the August 17, 2026 Minutes:

Councilor Gass moved to approve the minutes from the August 17, 2026, meeting as presented. Councilor Marrujo was second. A voice vote of 5-0 was unanimous, and the motion passed.

REGULAR ITEMS (ACTION ITEMS):

2. Consider recommending Resolution 26-XX for participation in FY 2027, TPF NMDOT Funding Program:

James MacCornack discussed Resolution 26-XX for participation in the FY 2027, TPF NMDOT Funding Program in which the city has been awarded, for pavement rehab and ADA improvement on South Atkinson, from McGaffey St. to Brasher Rd., in the amount of $2,7333,000. This is NMDOT funding of $2,596,350 and a city match of $136,650. ***Councilor Marrujo moved to consider recommending Resolution 26-XX for participation in the FY 2027, TPF NMDOT Funding Program to be placed on the Finance Committee. Councilor Gass was second. A voice vote of 5-0 was unanimous, and the motion passed.***

DRAFT

3. Consider sending to Finance Committee, approval for Change Order #1 for White Rock Construction PO# 22700384, ITB-26-011, Restroom Remodel:

Becky Hicks discussed the change order request. ***Councilor Gass moved to send to the Finance Committee for approval for Change Order #1 to White Rock Construction's PO# 22700384, ITB-26-011, restroom remodel. Councilor Marrujo was second. A voice vote of 5-0 was unanimous, and the motion passed.***

4. Consider recommending approval of a budget adjustment for flood recovery funds made available through NMFA Loan PPRF-07035:

Mac Rogers discussed the budget adjustment for this item. Councilor Corn requested a breakdown of costs for the projects listed. James MacCornack responded they have that information in "excruciating detail." Councilor Corn stated he would like the "Reader's Digest" version. James MacCornack and Mac Rogers will work on getting that information to Councilor Corn. ***Councilor Gass moved to consider a recommendation for approval of a budget adjustment for flood recovery funds made available through the NMFA Loan, PPRF-07035, to be sent to the Finance Committee with a detailed list showing each individual cost and amount as requested from Councilor Corn. Councilor Marrujo was second. A voice vote of 5-0 was unanimous, and the motion passed.***

Councilor Corn suggested that all the departments within the Infrastructure Committee should start thinking about their 5-year plans. Councilor Corn would like their plans no later than November, 2026.

Abraham Chaparro stated they conceded with the state to leave the original design with the Cell 5B, which would save the city $1.2 million.

Discussion took place for the following department report(s):

NON-ACTION ITEMS:

5. Special Electronics Report:

6. Streets Report:

Discussion on Hot-In-Place Recycling Project done by Dustrol took place in regards to the selection of streets and quality of work.

7. Roswell Transit Report:

8. Solid Waste & Fleet Report:

Debbie Reyer discussed the 20 Vehicles to Replace list, and possible plan to get vehicle replacement every 10 years. Abraham Chaparro stated they are currently working on a full-blown analysis of the vehicles to replace. He further stated he has been working along with Mac Rogers and James MacCornack for the FEMA funding tied to these vehicles.

9. Facility Maintenance Report:

10. Utilities Report:

Andrew Valadez stated they are starting a line replacement on Virginia and Poe Streets.

11. Engineering Report:

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James MacCornack stated for the Edgewood Project, it was submitted to CDBG and they are doing a presentation on that tomorrow. He stated they also have the Water Trust Board that will be targeted for January. James MacCornack discussed the leaks in the water tank and reached out to the consultants and gave them some specs on the repairs, and are reaching out to on-call utility vendors for pricing to repair those leaks.

12. Cemetery Report:

13. Parks Report***:***

14. Recreation Report:

15. Zoo Report:

TABLED ITEM:

16. Recommend Resolution 26-XX regarding a New Multi-Generational Area, The Spring River Zoo, Roswell Adult Center, and Peppermint Park:

No discussion was held. ***Councilor Corn moved to take from the Table, Resolution 26-XX regarding a New Mult-Generational Area, The Spring River Zoo, Roswell Adult Center, and Peppermint Park that was laid on the Table on the August 17, 2026, Infrastructure Committee Meeting. Councilor Gass was second. A voice vote of 5-0 was unanimous, and the motion passed.***

Councilor Corn moved to move Resolution 26-XX, regarding a New Multi-Generational Area, The Spring River Zoo, Roswell Adult Center, and Peppermint Park to the Public Meeting on October 15, 2026, at 5:30 p.m. at the Roswell Public Library's Bondurant Room. Councilor Gass was second. A voice vote of 5-0 was unanimous, and the motion passed. Amalia Martinez stated they are finalizing a survey for public input on this resolution.

PUBLIC PARTICIPATION:

None.

ADJOURN:

The meeting adjourned at 5:14 p.m.

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Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

ACTION REQUESTED:
Consider recommending Resolution 26-XX for adoption of the City of Roswell 2026 Water Master Plan.

BACKGROUND:
Initiated by Andrew Valadez

In 2024 the City began the process of updating the 2012 Water Master Plan. Freese & Nichols was retained to updated the plan.

The Water Master Plan addresses the current condition of the City of Roswell water system, water supply, and identifies recommended improvement projects. Adoption of this updated plan also allows City to pursue funding to complete the improvement projects listed.

FINANCIAL CONSIDERATION:
Not applicable for this agenda item.

LEGAL REVIEW:
Resolution has been submitted to City Attorney for review

BOARD AND COMMITTEE ACTION:
Consider recommending Resolution 26-XX for adoption of the City of Roswell 2026 Water Master Plan.

Attachments
Draft Resolution 26-XX Adoption of 2026 Water Master Plan
Exhibit A Draft 2026 Water Master Plan

RESOLUTION 26-XX

A RESOLUTION ADOPTING A WATER MASTER PLAN FOR THE CITY OF ROSWELL

WHEREAS, the City of Roswell has a Water Master Plan that was last updated and adopted in 2012; and

WHEREAS, updating the Water Master Plan is necessary to address current and projected growth, ensure adequate water supply, and guide infrastructure improvement investments; and

WHEREAS, the City Council of the City of Roswell has reviewed the 2026 Water Master Plan prepared by Freese & Nichols, Inc.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL AS THE GOVERNING BODY OF THE CITY OF ROSWELL, NEW MEXICO, that:

1. The City Council of the City of Roswell hereby adopts the updated 2026 City of Roswell Water Master Plan, attached hereto as Exhibit A and this Plan shall be the governing plan for the City's water system.

2. This resolution shall become effective immediately upon passage by the City Council and signature of the Mayor.

3. The City Manager is authorized to implement the provisions of the adopted plan and to take necessary steps to ensure compliance with its provisions.

PASSED, ADOPTED, SIGNED and APPROVED _____, _____.

CITY SEAL

_____
Timothy Z. Jennings, Mayor

ATTEST

_____
Amalia Martinez, City Clerk

DRAFT

Innovative approaches
Practical results
Outstanding service

DRAFT

WATER UTILITY MASTER PLAN

Prepared for:

City of Roswell

October 9, 2026

Prepared by:

FREESE AND NICHOLS, INC.
10431 Morado Circle, Suite 300
Austin, Texas 78759
512-617-3100

Innovative approaches
Practical results
Outstanding service

DRAFT
WATER UTILITY MASTER PLAN

Prepared for:

City of Roswell

DRAFT

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF **STEPHANIE NEISES**, P.E., NEW MEXICO NO. **29523** ON **OCTOBER 9, 2026** IT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.

Prepared by:

FREESE AND NICHOLS, INC.
10431 Morado Circle, Suite 300
Austin, Texas 78759
512-617-3100

FNI Project Number: RNM24817

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Appendix C – Future Water System Modeling Results
Appendix D – Water Capital Improvement Plan Cost Estimates

EXECUTIVE SUMMARY

1.0 INTRODUCTION

The City of Roswell (Roswell) contracted with Freese and Nichols, Inc. (FNI) in 2024 to provide an update to the Water Utility Master Plan. The goals of this study were to evaluate the capacity of the existing water distribution system and to recommend water infrastructure capital improvement plans. Growth projections were developed based on the 2025 Comprehensive Plan and in coordination with Roswell staff. The growth projections were utilized to project future water demand. The water distribution system hydraulic model was updated using geographic information system (GIS) data. The recommended improvements will serve as a basis for the design, construction, and financing of facilities required to meet Roswell's water capacity needs as a result of the projected growth and development.

2.0 GROWTH PROJECTIONS

For this study, growth in population was determined by evaluating the historical population trend and estimating a reasonable yet conservative growth rate for future planning years. Four planning periods are identified for the purposes of this study: existing (2025), 5-year (2030), 15-year (2040) and buildout. **Table ES-1** summarizes the projected population through the planning periods. The anticipated annual growth rate of the residential population is 0.75%

Table ES-1: Projected Population

Year	Population
2025	47,886
2030	49,709
2040	53,566
Buildout	81,180

Roswell serves both residential and non-residential customers. Non-residential growth was projected within the service area, measured by the acreage of land covered. The buildout acreage was estimated based on the 2016 Comprehensive Plan future land plan and accounting for commercial, institutional, and industrial land use. With an estimated buildout year of 2096, the average annual growth rate of non-residential development is approximately 0.45%. Using this growth rate, the non-residential acreage in

the 2030 and 2040 projection phases were interpolated. The projected future non-residential acreage in Roswell is shown in **Table ES-2**.

Tables ES-2: Projected Non-Residential Acreage

Year	Non-Residential Land (Acres)
2025	7,310
2030	7,476
2040	7,819
Buildout	10,039

3.0 EXISTING WATER SYSTEM

The existing water distribution system consists of a network of water lines, 22 groundwater wells, two booster pump stations (PS), two elevated storage tanks (EST), and five ground storage tanks (GST), three of which act as elevated storage. **Tables ES-3** through **ES-5** show the pump station, ground storage tank, and elevated storage tank information.

Table ES-3: Pump Station Summary

Pump Station	Pump No.	Pump Capacity (gpm)	TDH (ft)	Firm Pumping Capacity (gpm)
RIAC Booster Pumping Station	RIAC BPS #1	1,500	145	2,500
	RIAC BPS #2	1,500	145	
	RIAC BPS #3	1,000	145	
Kerr Booster Pumping Station	Kerr BPS #1	4,000	1,000	18,500
	Kerr BPS #2	4,000	1,000	
	Kerr BPS #3	6,000	1,000	
	Kerr BPS #4	4,500	1,000	
	Kerr BPS #5	6,000	1,000	

Table ES-4: Ground Storage Summary

Tank	Diameter (ft)	Base Elevation (ft)	Overflow Elevation (ft)	Height (ft)	Capacity (MGD)
Trigg Reservoir	25	3,786	3,814	28	0.10
Kerr Reservoir	158	3,650	3,678	28	3.52
Third St Reservoir	188	3,720	3,744	24	4.98
Country Club Reservoir (N)	231	3,720	3,744	24	7.52
Country Club Reservoir (S)	231	3,720	3,744	24	7.52

Table ES-5: Elevated Storage Summary

Tank	Pressure Zone	Diameter (ft)	Base Elevation (ft)	Overflow Elevation (ft)	Height (ft)	Capacity (MGD)
RIAC West Elevated Storage	RIAC	60	3,631	3,802	40	0.75
RIAC East Elevated Storage	RIAC	60	3,631	3,802	40	0.75

4.0 WATER DEMAND

Reviewing historical water demands provides insight into selecting design criteria used to project future water demands. The water usage parameters consist of the average per-capita water use, maximum day peaking factor, and peak hour peaking factor**. Table ES-6** summarizes the total projected water demands for the City of Roswell.

Table ES-6: Projected Total Water Demands

Year	Average Day Demand (MGD)	Maximum Day Demand (MGD)	Peak Hour Demand (MGD)
2025	11.40	20.51	35.90
2030	11.78	21.21	37.12
2040	12.60	22.68	39.69
Buildout	18.53	33.36	58.37

5.0 HYDRAULIC MODEL UPDATE AND VALIDATION

As part of this study, the City's existing GIS data was used to update a water model in Bentley's WaterGEMS© software package. Temporary pressure testing was conducted to collect data for use in

model validation. Temporary pressure recorder locations were selected with the intention of capturing pressure fluctuations during high demand days. During the extended period simulation (EPS) validation, adjustments were made to the model in order to match the known pressure conditions of August 6, 2025. FNI utilized EPS modeling to evaluate the range of pressures, the turnover of tanks, and cycling of pumps over a 24-hour period. Generally, the model predicted pressures are similar to those observed.

6.0 WATER SYSTEM HYDRAULIC ANALYSIS

The water system was evaluated utilizing the hydraulic water model to identify any deficiencies and to establish a capital improvements plan to meet projected water demands through buildout. Parameters used in developing the capital improvements plan included increasing system reliability, simplifying system operations, meeting required fire flows, and maintaining proper residual pressures.

This analysis is performed to determine if there are any existing or future system deficiencies and to provide a baseline for the current level of service. The results of the analysis are summarized below:

- The City's infrastructure meets recommended planning criteria for storage, production, and pumping capacity through the planning year 2040.
- A review of existing pressures throughout the system revealed most pressures are above 35 pounds per square inch (psi) range. Minimum pressures remain above 35 psi through the buildout system analysis.
- The majority of the water system can meet a fire flow demand of at least 1,500 gpm while maintaining a residual pressure of 20 psi. This is a typical residential fire flow demand. Available fire flows below 1,500 gpm are due to small diameter lines in isolated areas.

7.0 WATER SYSTEM CONDITION ASSESSMENT

In March 2024, FNI and City staff conducted field assessments of every facility in the existing water system, with the exception of the RIAC #4 Well. The assessment included site visits and visual inspections of the facilities to determine the overall condition of the station and specific condition of major components including pumps and motors, tank coating, electrical equipment, instrumentation, piping and valves, structure, and site. The results of the facility condition assessment were incorporated into recommended improvements that help mitigate the risk of asset failure and proactively manage system degradation.

FNI subcontracted with ASTERRA to perform a leak detection analysis. ASTERRA's satellite leak detection technology has the capability to identify areas having a high probability of subsurface leakage. Points of

interest throughout the system were identified, then ASTERRA performed two field inspections to identify specific locations of leaks and estimate the quantity of water loss. This data was incorporated into recommended pipeline replacement projects that help mitigate the risk of water loss through the distribution system.

8.0 CAPITAL IMPROVEMENT PLANS

FNI developed a phased water system capital improvements plan for the City of Roswell. The recommended improvements will provide the required capacity and reliability to meet projected water demands through buildout. It is recommended that these projects be constructed generally in the order listed; however, development patterns may make it necessary to construct some projects sooner or later than anticipated. **Table ES-7** summarizes the costs of the recommended water system capital improvements plan for the City of Roswell.

Table ES-7: Summary of Water Capital Improvement Costs

Project Number	Project Name	Cost
Short Term Projects		
1	SCADA System Update	$312,000
2	Kerr #6 Well Rehabilitation	$23,400
3	Kerr #1 Well Rehabilitation	$85,800
4	Kerr #2 Well Rehabilitation	$85,800
5	RIAC Booster Pump Station Rehabilitation	$358,800
6	8-inch Montana Avenue Pipeline Replacement	$5,833,500
7	8-inch Kelly Place Pipeline Replacement	$3,384,600
8	12-inch North Main Street Pipeline Replacement	$3,260,000
9	10-inch Hobbs Street Pipeline Replacement	$7,590,200
	Short Term Total	**$20,934,100**
Intermediate Projects		
10	Trigg Reservoir Rehabilitation	$156,000
11	Third Street Reservoir Rehabilitation	$546,000
12	RIAC #5 Well Rehabilitation	$62,400
13	8-inch Union Avenue Pipeline Replacement	$1,533,800
14	8-inch Vista Parkway Pipeline Replacement	$4,648,700
15	8-inch Garden Avenue Pipeline Replacement	$7,236,600
16	8-inch S Grand Avenue Pipeline Replacement	$4,936,200
	Intermediate Total	**$19,119,700**
Long Term Projects		
17	8-inch Chrysler Place Pipeline Replacement	$916,700
18	8-inch College Boulevard Pipeline Replacement	$988,500
19	8-inch Petro Drive Pipeline Replacement	$1,665,500
20	8-inch W 8th Street Pipeline Replacement	$6,475,800
21	8-inch Hendricks Street Pipeline Replacement	$1,875,200
23	Trigg Reservoir Demolition	$117,000
	Long Term Total	**$12,038,700**
	CIP Total	**$52,092,500**

1.0 INTRODUCTION

The City of Roswell (City) contracted with Freese and Nichols, Inc. (FNI) to provide an update to the Water Utility Master Plan. The goals of this study were to evaluate the capacity of the existing water distribution system and to recommend a water infrastructure capital improvement plan. Growth projections were developed based on the City's 2016 Comprehensive Plan and in coordination with Roswell staff. The growth projects were utilized to estimate future water demand. The water distribution system hydraulic model was updated using geographic information system (GIS) data. The recommended improvements will serve as a basis for the design, construction, and financing of facilities required to meet Roswell's water capacity needs as a result of the projected growth and development.

1.1 SCOPE OF WORK

The major elements of the scope of this project include:

- Data Collection and System Inventory
- Evaluating Water Requirements
- Model Update and Calibration
- Current System Evaluation and Critical Needs
- Buildout System Evaluation
- Cost Estimates and Improvements Phasing
- Satellite Leak Detection

1.2 ACRONYMS

Table 1-1 presents a list of acronyms that appear throughout the report.

Table 1-1: List of Abbreviations

Abbreviation	Full Nomenclature
AD	Average Day
BPS	Booster Pump Station
CIP	Capital Improvements Plan
EPS	Extended Period Simulation
ETJ	Extra-territorial Jurisdiction
FNI	Freese and Nichols, Inc.
gpm	gallons per minute
GST	Ground Storage Tank
HGL	Hydraulic Grade Line
MD	Maximum Day
MG	Million Gallons
MGD	million gallons per day
NRW	Non-revenue Water
PH	Peak Hour Demand
PRV	Pressure Reducing Valve
PS	Pump Station
psi	pounds per square inch
PZ	Pressure Zone
SCADA	Supervisory Control and Data Acquisition
TDH	Total Dynamic Head

1.3 KEY DEFINITIONS

The following is a list of key definitions utilized in the Report.

- Average Day Demand – the total annual water use divided by the number of days in the year.
- Capacity Improvement – general project to improve the ability of the water system to convey projected water demands.
- Maximum Day Demand – the maximum quantity of water used system-wide on any one day of the year.
- Diurnal Pattern – a typical pattern of water demand that occurs every 24 hours, dependent on the demographics of the area.

- Elevated Storage Tank – a water storage tank that sets the hydraulic grade of the pressure zone in which it operates. Tank can be either a true elevated tank (i.e., raised on a structure, typically 50-200 feet in the air) or a ground tank located at an elevation high enough to provide adequate pressure.
- Firm Pumping Capacity – the pumping capacity of a pump station or lift station with the largest pump offline and all other pumps running, based on recorded flows at the best efficiency point or rated capacity of each pump.
- Peak Hour Demand – the water system's maximum hourly usage rate at any point in the year, or during a maximum day demand.
- Pressure – a measure of energy at a given location and time in the water/wastewater system, typically measured in pounds per square inch (psi).
- Pressure Zone – an area of the water system that operates at a particular hydraulic grade.
- Hydraulic Grade Line (HGL) – Energy of water or wastewater flow expressed in feet above mean sea level (i.e., head). Wastewater surface elevation in a partially full pipe or manhole. Under pressure (full pipe) conditions the HGL is what the water surface elevation would be if unconfined.
- Risk Based Analysis – An analysis method utilizing results of condition assessments to score water facilities and linear assets. Data from facility site visits and recorded linear asset maintenance history are used to determine condition.

2.0 GROWTH PROJECTIONS

Growth projections are an important component of the water and wastewater master planning process. The magnitude and distribution of the growth in population and non-residential development will dictate where future infrastructure is required. FNI coordinated with Roswell staff and reviewed historical data to determine anticipated growth rates for the water system. Proposed developments were identified and phased through the buildout planning period. The following sections describe the process used to develop population and non-residential growth projections.

2.1 SERVICE AREA

Roswell is a community located in southeastern New Mexico, within Chaves County. The City currently provides water service to over 47,000 people. A future water service area boundary was identified as the existing Roswell city limits and potential annexation areas identified in the 2016 Comprehensive Plan. For this study, the water service area boundary was used when projecting future growth through the buildout planning period. **Figure 2-1** shows the extents of the water service area.

2.2 HISTORICAL POPULATION

Historical population was evaluated to identify recent growth rates for Roswell. An analysis of recent growth trends provides a basis for determining expected growth. **Table 2-1** shows the historical population of the City of Roswell from 2010 through 2023, sourced from the American Community Survey, conducted by the United States Census Bureau. The population over the last 12 years has remained steady, with years of modest negative and positive growth, resulting in an average annual growth rate of less than 1%.

Created By Freese and Nichols, Inc.
Job No.: RNM24817
Location: H:\W_WW_PLANNING\01_DELIVERABLES\00_DRAFT_REPORT\Draft_Report_PRO\Draft_Report_PRO.aprx\(Figure_2-1)-Water_Service_Area
Updated: Tuesday, September 22, 2026 11:15 AM
User Name: 04390

DRAFT FIGURE 2-1

CITY OF ROSWELL

WATER SERVICE AREA

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- Booster Pump Station (PS)
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- Road
- City Limit
- Extra Territorial Zone
- Water Service Area

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ROSWELL New Mexico

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Table 2-1: Historical City of Roswell Population

Year	Census Population	Annual Growth Rate
2010	47,414	--
2011	47,881	0.98%
2012	48,167	0.60%
2013	48,423	0.53%
2014	48,568	0.30%
2015	48,553	-0.03%
2016	48,407	-0.30%
2017	48,163	-0.50%
2018	48,186	0.05%
2019	47,941	-0.51%
2020	47,751	-0.40%
2021	48,347	1.25%
2022	48,035	-0.65%
2023	47,823	-0.44%
Average		**0.07%**

2.3 GROWTH PROJECTIONS

FNI met with the Roswell Community Development team and the Comprehensive Plan Update team to discuss future growth assumptions. At the time that FNI met with the City to discuss future growth assumptions, the 2025 Comprehensive Plan was in the process of being updated. Therefore, FNI utilized the 2016 Comprehensive Plan future land use assumptions to help project future growth. The future land use from the 2016 Comprehensive Plan is shown on **Figure 2-2**. The City staff also provided information on currently proposed or planned developments to be incorporated into future projections. There is currently one planned development in the city, the Oaks Subdivision, which is expected to add approximately 700 housing units to the City.

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DRAFT FIGURE 2-2
CITY OF ROSWELL
FUTURE LAND USE

LEGEND

Future Land Use

- Commercial
- Downtown
- High Density Residential
- Industrial
- Institutional
- Light Industrial
- Low Density Residential/ Agriculture
- Mixed Use
- Parks and Open Space
- Residential

- City Limit
- Extra Territorial Zone
- Road

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Four planning periods are identified for the purposes of this study: existing (2025), 5-year (2030), 15-year (2040) and buildout. FNI projected both residential and non-residential growth within the service area across these four planning periods.

2.3.1 Residential Population

While the population in Roswell has remained relatively constant since 2010, a small amount of annual growth is included in this study to provide a conservative estimate of potential future water demands. An average annual growth rate of 0.75% was selected to project future population. The projected future population in Roswell is shown in **Table 2-2**. The future population growth was spatially allocated across the service area based on known developments, the future land use plan, and potential annexation areas. The anticipated growth is illustrated by Census block group on **Figure 2-3**. To determine the buildout population, the 2016 Comprehensive Plan future land use was used to identify the land use type across the service area. Densities associated with each of the land uses were then applied to the total area, to estimate the number of dwelling units and population. The dwelling units associated with the low density residential and residential land use types were converted to population using a ratio of 2.7 people per household, based on data from the Roswell-Chaves County Economic Development Corporation. Low density residential and residential dwellings are anticipated to house primarily single families. The dwelling units associated with the high density residential, downtown, and mixed use land use types were converted to population using a ratio of 1.3 people per household, anticipating that these dwelling units will be primarily single-resident households. The land uses, respective densities, and resulting buildout population are shown in **Table 2-3**. Based on the projected future population and selected average annual growth rate, buildout of the City is anticipated to occur in the year 2096.

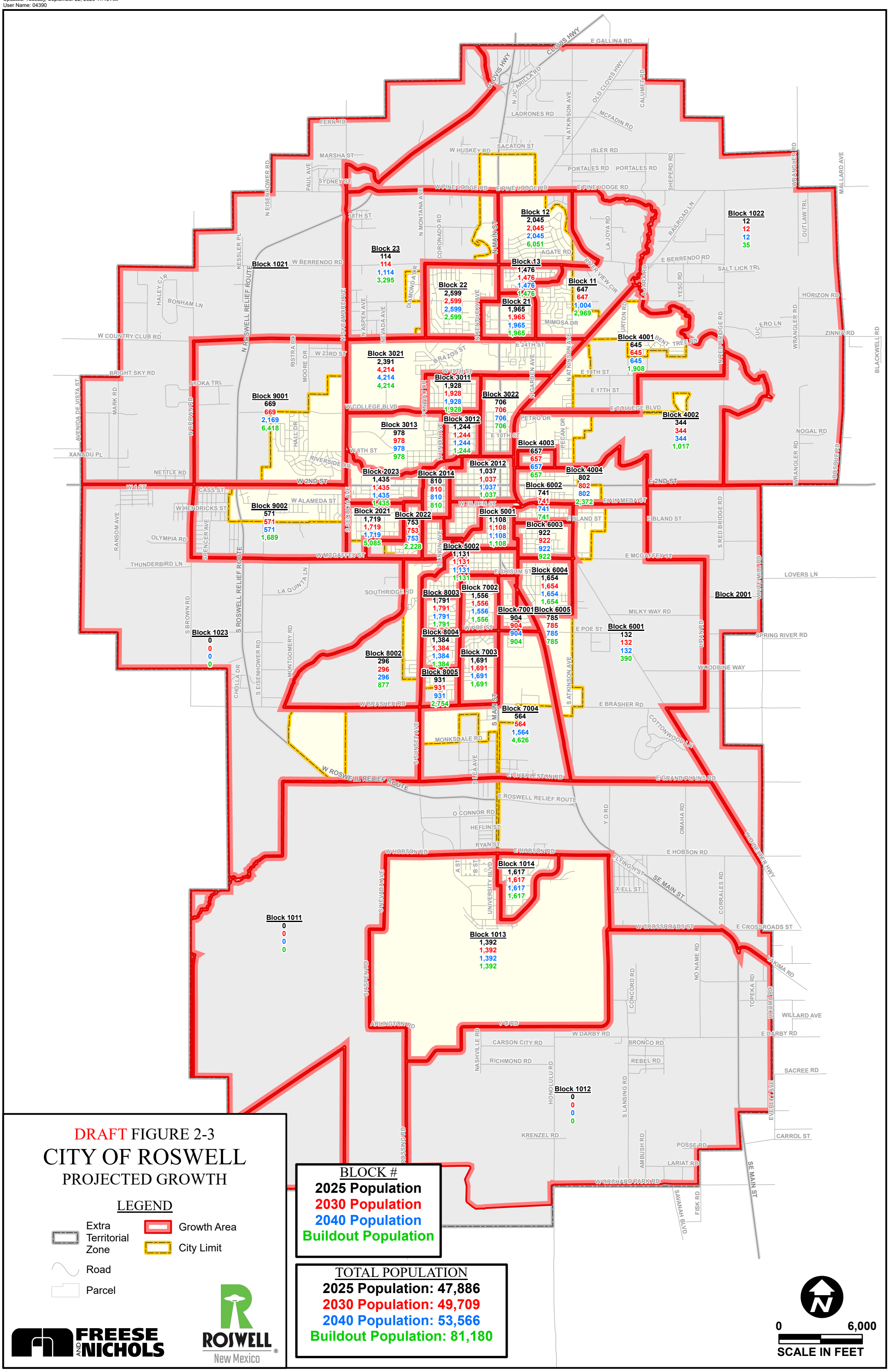
Table 2-2: Projected Population

Year	Population
2025	47,886
2030	49,709
2040	53,566
Buildout	81,180

Table 2-3: Buildout Residential Land Use and Population

Land Use	Density (Dwelling Unit/Acre)	Total Area (Acres)	Number of Dwelling Units	Buildout Population
Low Density Residential/Agricultural	0.4	5,027	2,011	5,430
Residential	4	1,632	6,528	17,626
High Density Residential	20	1,511	30,212	39,276
Downtown	10	122	1,221	1,587
Mixed Use	15	885	13,278	17,261
Total	**-**	**9,177**	**53,250**	**81,180**

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2.3.2 Non-Residential Land Use

Roswell serves both residential and non-residential customers. Non-residential growth was projected within the service area, measured by the acreage of land covered. The existing non-residential acreage was estimated to be approximately 7,310 acres, based on existing zoning data. The buildout acreage was estimated to be approximately 10,039 acres, based on the 2016 Comprehensive Plan future land plan and accounting for commercial, institutional, and industrial land use. With an estimated buildout year of 2096, the average annual growth rate of non-residential development is approximately 0.45%. Using this growth rate, the non-residential acreage in the 2030 and 2040 projection phases were interpolated. The projected future non-residential acreage in Roswell is shown in **Table 2-4.**

Table 2-4: Projected Non-Residential Acreage

Year	Non-Residential Land (Acres)
2025	7,310
2030	7,476
2040	7,819
Buildout	10,039

3.0 EXISTING WATER SYSTEM

The existing water system consists of a network of lines ranging in size from 1 inch to 48 inches in diameter, 22 groundwater wells, two booster pump stations (PS), two elevated storage tanks (EST), and five ground storage tanks (GST), three of which act as elevated storage. The existing water distribution system is shown on **Figure 3-1. Figure 3-2** shows the water system in schematic form.

3.1 PRESSURE ZONES

The water system is separated into three main pressure zones (PZ): Trigg/Kerr, Roswell, and RIAC. The Trigg/Kerr PZ serves no customers but rather transfers groundwater from the Trigg and Kerr well fields into the main distribution system. The Roswell PZ serves the main portion of the City with the boundary consisting of Hobson Road to the south, West Huskey Road to the north, Wooldridge-Margaret Road to the west, and Roswell Wastewater Treatment Plant at the furthest point to the east. Ground elevations generally range from 3,531 feet to 3,661 feet. The Roswell PZ is the largest pressure zone, accounting for approximately 78% of the City's total water usage. The RIAC PZ serves the southern portion of the City, with the boundary consisting of Y O Road to the south and east, Hobson Road to the north, and South Aspen Road to the west. Ground elevations generally range from 3,610 to 3,660.

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Country Club Reservoirs
Third St Reservoir
Trigg Reservoir
Kerr Reservoir
Mathis Reservoir / Elevated Storage
RIAC Elevated Storage

DRAFT FIGURE 3-1

CITY OF ROSWELL

EXISTING WATER SYSTEM

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- Road
- Parcel
- City Limit
- Extra Territorial Zone

PRESSURE ZONES

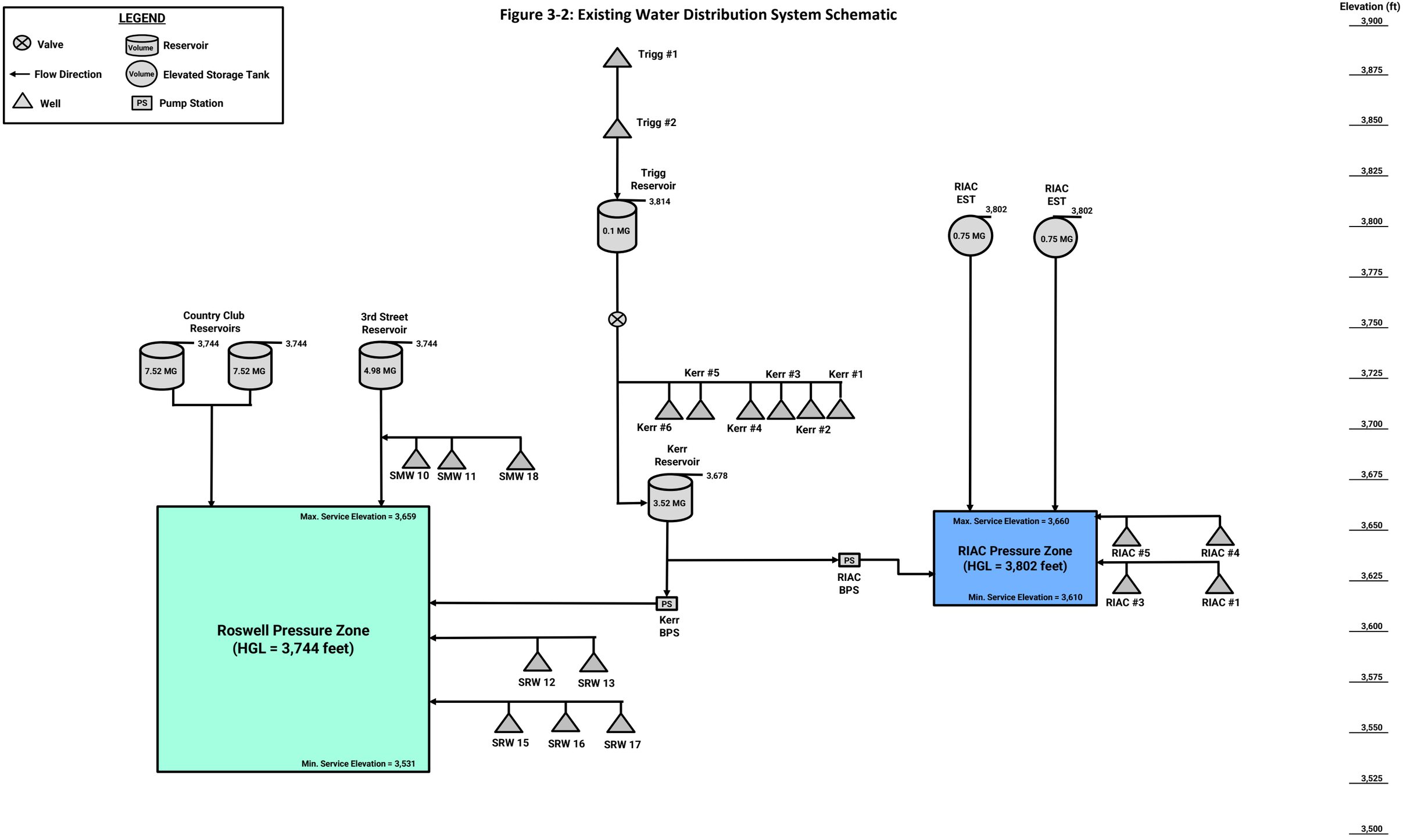
- RIAC
- Roswell
- Trigg/Kerr

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ROSWELL New Mexico

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SCALE IN FEET

Figure 3-2: Existing Water Distribution System Schematic



3.2 DISTRIBUTION PUMPING FACILITIES

There are two booster pump stations (BPS), the RIAC BPS and the Kerr BPS. The RIAC BPS serves the RIAC PZ and the Kerr BPS serves the Roswell PZ. Both BPS are supplied by the Kerr Reservoir and the firm pumping capacity of each facility is shown in **Table 3-1**.

Table 3-1: Summary of Booster Pump Station Facilities

Pump Station	Pump No.	Pump Capacity (gpm)	TDH (ft)	Firm Pumping Capacity (gpm)
RIAC Booster Pumping Station	RIAC BPS #1	1,500	145	2,500
	RIAC BPS #2	1,500	145	
	RIAC BPS #3	1,000	145	
Kerr Booster Pumping Station	Kerr BPS #1	4,000	1,000	18,500
	Kerr BPS #2	4,000	1,000	
	Kerr BPS #3	6,000	1,000	
	Kerr BPS #4	4,500	1,000	
	Kerr BPS #5	6,000	1,000	

3.3 STORAGE TANKS

There are a total of seven storage tanks in the system. Two elevated storage tanks, the RIAC West EST and the RIAC East EST, are located in the RIAC PZ. There are five ground storage tanks across the water system. The Trigg reservoir is located in the Trigg PZ and it is primarily used to store water from the Trigg wellfield. The Kerr Reservoir is located in the Kerr PZ and stores groundwater that is pumped to the water distribution system through the Kerr BPS. The Third Street, Country Club North, and Country Club South reservoirs are ground storage tanks that act as elevated storage in the Roswell PZ. **Table 3-2** and **Table 3-3** summarize the facility information of the seven storage tanks.

Table 3-2: Summary of Ground Storage Facilities

Tank	Diameter (ft)	Base Elevation (ft)	Overflow Elevation (ft)	Height (ft)	Capacity (MG)
Trigg Reservoir	25	3,786	3,814	28	0.10
Kerr Reservoir	158	3,650	3,678	28	3.52

Table 3-3: Summary of Elevated Storage Facilities

Tank	Pressure Zone	Diameter (ft)	Base Elevation (ft)	Overflow Elevation (ft)	Height (ft)	Capacity (MG)
RIAC West Elevated Storage	RIAC	60	3,631	3,802	40	0.75
RIAC East Elevated Storage	RIAC	60	3,631	3,802	40	0.75
Third St Reservoir	Roswell	188	3,720	3,744	24	4.98
Country Club Reservoir (N)	Roswell	231	3,720	3,744	24	7.52
Country Club Reservoirs (S)	Roswell	231	3,720	3,744	24	7.52

3.4 PRODUCTION FACILITIES

There are a total of five well fields throughout the system. The Six Mile Hill and South Roswell Well Fields supply the Roswell PZ. The RIAC Well Field supplies the RIAC PZ. The Trigg and Kerr Well Fields supply the Kerr Reservoir, which supplies both the Kerr BPS and the RIAC BPS to serve the Roswell PZ and the RIAC PZ, respectively. **Table 3-4** provides a summary of the existing groundwater rights, overseen by the New Mexico Office of the State Engineer, and **Table 3-5** provides a summary of the well capacities at each well field.

Table 3-4: Summary of Existing Groundwater Rights

Well Field	Capacity	
	(Acre-Ft/Yr)	(MGD)
Kerr	4,909	4.4
Trigg	1,974	1.8
Six Mile Hill	8,065	7.2
South of Roswell	9,400	8.4
RIAC	2,500	2.2
Total	**26,848**	**24.0**

Table 3-5: Existing Well Capacities

Well Name	Well Capacity (gpm)
Kerr #1	1,700
Kerr #2	1,325
Kerr #3	1,025
Kerr #4	1,600
Kerr #5	1,900
Kerr #6	1,900
Trigg #1	1,350
Trigg #2	1,275
Six Mile Hill No. 10	1,750
Six Mile Hill No. 11	1,550
Six Mile Hill No. 18	1,000
South Roswell No. 4*	1,350
South Roswell No. 8*	2,000
South Roswell No. 12	600
South Roswell No. 13	1,550
South Roswell No. 15	1,650
South Roswell No. 16	2,500
South Roswell No. 17	2,475
RIAC 1	1,350
RIAC 3	875
RIAC 4	800
RIAC 5	900

*Used for irrigation only

3.5 WATER DISTRIBUTION SYSTEM

The City of Roswell's water system consists of 377 miles of water lines. Pipelines range in size from 1 to 48 inches in diameter. **Figure 3-3** illustrates the percentage of pipe length by diameter. The City's water distribution system is mostly comprised of cast iron (38%), steel (16%), and PVC (16%) water mains. Almost 20% of the water lines are not labeled in Roswell's GIS system and are listed as unknown. **Figure 3-4** shows a summary of the recorded pipe material.

Figure 3-3: Percentage of Pipe Length by Diameter

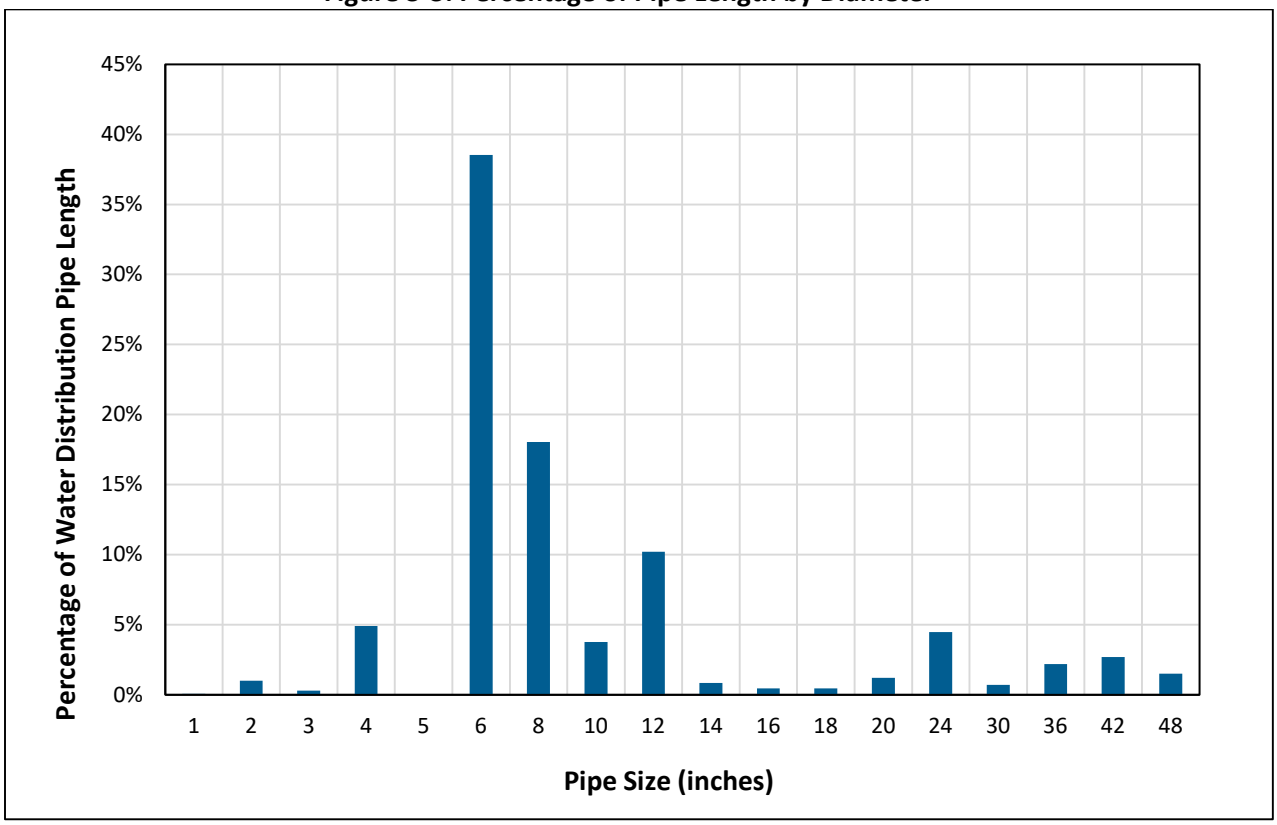
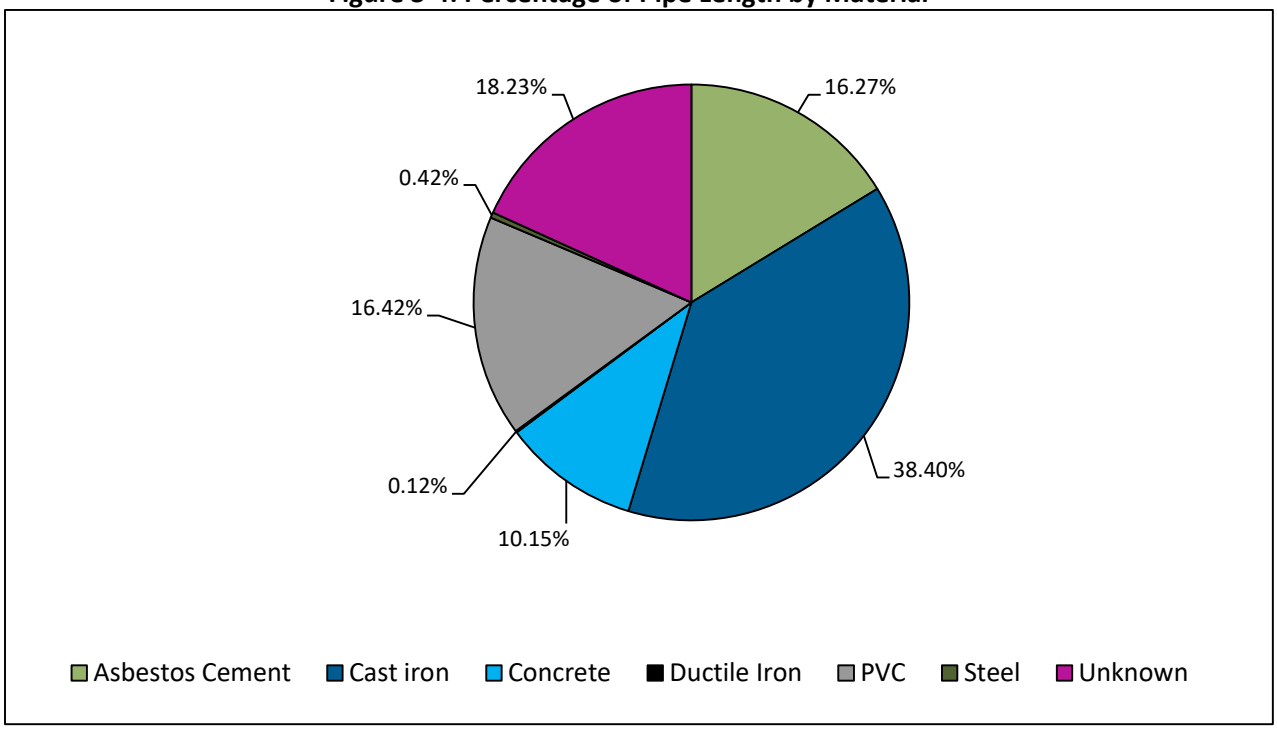


Figure 3-4: Percentage of Pipe Length by Material



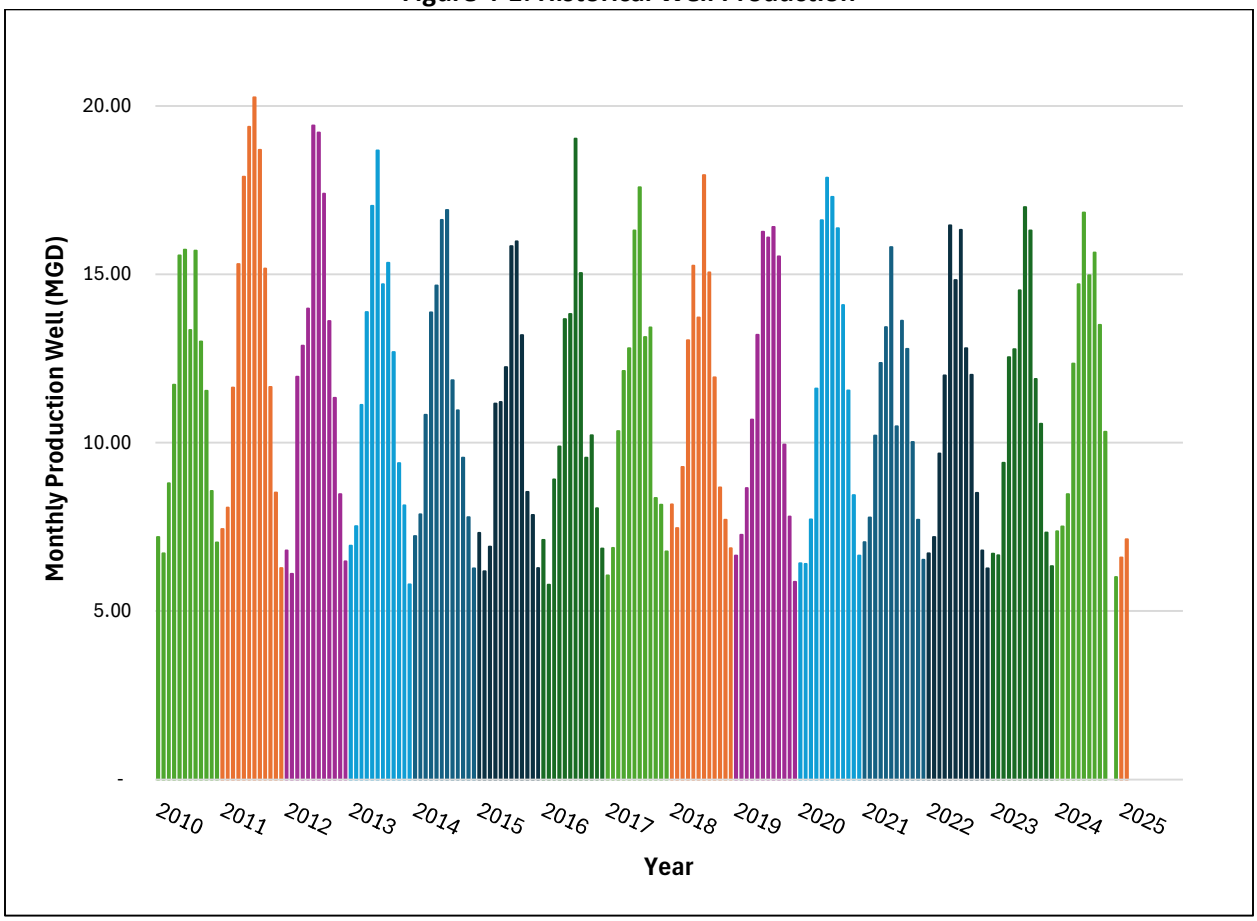
4.0 WATER DEMAND

A water utility must be able to supply water at rates that fluctuate over time. Yearly, monthly, daily, and hourly variations in water use occur, with higher use during dry years and in hot months. Water use also typically follows a diurnal pattern, being low at night and peaking in the early morning and late afternoon. Demand rates most important to the hydraulic design and operation of a water system are average day, maximum day, and peak hour demands. Average day demand is the total annual water use divided by the number of days in the year and is typically used in water supply planning. Maximum day demand is the maximum quantity of water used on any one day of the year. Water production facilities are typically designed based on the maximum day demand. Peak hour demand is the peak rate at which water is required during any one hour of the year. Since minimum distribution pressures are usually experienced during peak hour, the sizes and locations of distribution facilities are generally determined based on this condition.

4.1 HISTORICAL WATER DEMANDS

Well production data was available for the years 2010 through February 2025 and is illustrated on **Figure 4-1.** Monthly well production is reported in million gallons per day (MGD). Overall, water production rates have remained fairly consistent across the past 14 years.

Figure 4-1: Historical Well Production



Billing data from 2022 and 2023 was available to determine the average daily water per capita of the Roswell residents. Per-capita water use, expressed in gallons per capita per day (gpcd), is the average daily water use divided by the population. Available data included the monthly residential consumption and monthly non-residential consumption. Data from 2024 was not available due to billing system changes. The recorded average day residential consumption and resulting average daily per capita are shown in **Table 4-1**.

Table 4-1: Historical Residential Consumption

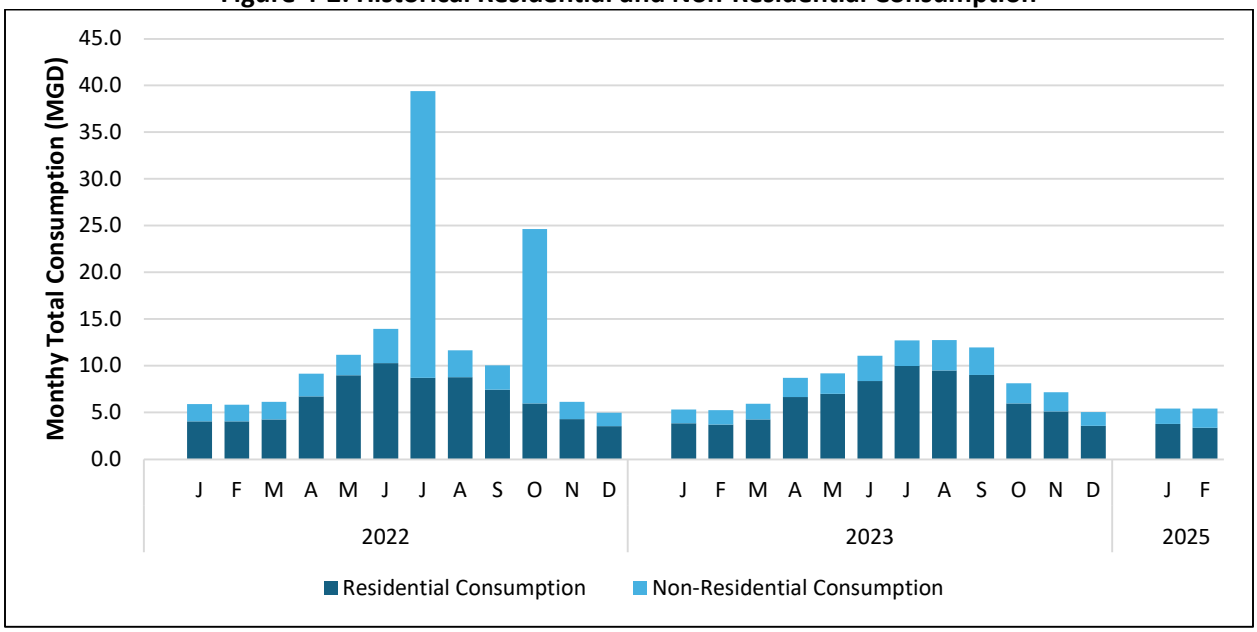
Year	Population	Average Day Residential Consumption (MGD)	Average Daily Demand per Person (gpcd)
2022	47,389	6.43	136
2023	47,109	6.42	136

The recorded average day non-residential consumption and resulting average daily demand rates, expressed in gallons per acre per day (gpAd), are shown in **Table 4-2**. The historical consumption data for non-residential land varied significantly, primarily due to large spikes in non-residential consumption in July 2022 and October 2022. Removing those outliers, the average day non-residential demand in 2022 is 2.3 MGD (315 gpAd). The total historical residential and non-residential consumption through 2022 and 2023 are shown on **Figure 4-2**.

Table 4-2: Historical Non-Residential Consumption

Year	Non-Residential Acreage	Average Day Non-Residential Consumption (MGD)	Average Daily Demand per Acre (gpAd)
2022	7,310	6.06	829
2023	7,310	2.19	300

Figure 4-2: Historical Residential and Non-Residential Consumption



Non-revenue water (NRW) is generally defined as the difference between the amount of water that is produced versus the amount of water that reaches customers. NRW can occur through leaking and broken pipes, inaccurate customer meter readings, or theft through illegal connections. Production and billing data from 2022 and 2023 were available to determine the NRW recently experienced by the City. The 2021 Roswell Water Conservation Plan reported an average annual loss of about 13%, but in recent years

that percentage of NRW has increased, likely due to aging infrastructure. **Table 4-3** summarizes the available NRW data from billing records and the 2021 Water Conservation Plan.

Table 4-3: Historical Non-Revenue Water

Year	Water Billed (MG)	Water Produced (MG)	Non-Revenue Water (MG)	Non-Revenue Water (%)
2018	1,744	1,971	227	12%
2019	3,295	3,819	524	14%
2020	3,431	3,957	526	13%
2021*	--	--	--	--
2022	3,181	4,064	883	22%
2023	3,142	4,227	1,084	26%

*data was not available for year 2021

4.2 PROJECTED WATER DEMANDS

In order to estimate future water demands for the City, a set of water usage parameters were developed and then applied to the projected residential and non-residential growth. The water usage parameters consist of the average daily water use, maximum day peaking factor, and peak hour peaking factor. A residential per-capita rate of 140 gpcd and a non-residential rate of 330 gpAd was selected based on recent billing data.

No information was available to evaluate the maximum day to average day peaking factor, as historical water production and consumption data was only available in monthly totals. The average month to maximum month peaking factor across 2022 and 2023 ranged from 1.54 to 1.62. A 1.8 peaking factor was selected for maximum day demand projections to account for additional daily spikes in demand within the higher demand months. No information was available to evaluate hourly demand data, as the Roswell SCADA system was inoperable during this study. Industry standard hourly peaking factors typically range from 1.2 to 2.0, with higher factors in heavily irrigated areas and/or when systems have large water users with specific time of day demands. Since Roswell has both agricultural and industrial customers, a 1.75 peaking factor was selected for water system planning. **Table 4-4** shows the resulting residential water demand projections for each planning period, **Table 4-5** shows the resulting non-residential water demand projections for each planning period.

Table 4-4: Projected Residential Water Demands

Year	Population	Average Day Demand (MGD)	Maximum Day Demand (MGD)	Peak Hour Demand (MGD)
2025	47,886	6.70	12.07	21.12
2030	49,709	6.96	12.53	21.92
2040	53,566	7.50	13.50	23.62
Buildout	82,227	11.51	20.72	36.26

Table 4-5: Projected Non-Residential Water Demands

Year	Acres	Average Day Demand (MGD)	Maximum Day Demand (MGD)	Peak Hour Demand (MGD)
2025	7,310	2.41	4.34	7.60
2030	7,476	2.47	4.44	7.77
2040	7,819	2.58	4.64	8.13
Buildout	10,039	3.31	5.96	10.44

Table 4-6: Projected Total Water Demands

Year	Average Day Demand (MGD)	Maximum Day Demand (MGD)	Peak Hour Demand (MGD)
2025	11.40	20.51	35.90
2030	11.78	21.21	37.12
2040	12.60	22.68	39.69
Buildout	18.53	33.36	58.37

A NRW rate was applied to the total projected water demands, to account for the water lost in the system. A NRW rate of 20% was selected, based on the recent reported NRW rates. The total average day demand and corresponding NRW for each planning phase is shown in **Table 4-7.**

Table 4-7: Projected Non-Revenue Water Demands

Year	Average Day Demand (MGD)	Non-Revenue Water (MGD)	Total Average Day Demand (MGD)
2025	9.12	2.28	11.40
2030	9.43	2.36	11.78
2040	10.08	2.52	12.60
Buildout	14.82	3.71	18.53

5.0 HYDRAULIC MODEL UPDATE AND VALIDATION

FNI updated and validated the existing Roswell hydraulic model to digitally represent and assess real world infrastructure. Model validation involves the process of rectifying parameters within the hydraulic model until the model generates results in a similar manner as observed in the existing system. The project team also conducted temporary pressure testing to observe water system operations and as the basis for validation. This section details the pressure testing analysis, model development, and validation of the City's water system.

5.1 PRESSURE TESTING

Temporary pressure testing was conducted to collect data for use in model validation. Sixteen pressure recorders were installed throughout Roswell's service area in the Roswell and RIAC PZs from July 31, 2025 to August 18, 2025**.** The pressure recorder installation locations are shown on **Figure 5-1**. Temporary pressure recorder locations were selected with the intention of capturing pressure fluctuations during high demand days in each pressure zone that serves customers. A summary of the pressure recording data is shown on **Figure 5-2** and **Figure 5-3** for the Roswell and RIAC PZs, respectively. Pressures are shown in pound per square inch (psi). Most of the pressures are within the 30-psi to 90-psi range, and daily pressures were steady throughout the Roswell and RIAC PZs.

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PR# 1
HYD# 1094

PR# 2
HYD# 1027

PR# 3
HYD# 1832

PR# 4
HYD# 200

PR# 5
HYD# 1783

PR# 6
HYD# 560

PR# 7
HYD# 1407

PR# 8
HYD# 1507

PR# 9
HYD# 1517

PR# 10
HYD# 674

PR# 11
HYD# 1353

PR# 12
HYD# 1350

PR# 13
HYD# 1126

PR# 14
HYD# 1369

PR# 15
HYD# 1181

PR# 16
HYD# 1264

DRAFT FIGURE 5-1
CITY OF ROSWELL
PRESSURE RECORDERS

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- Pressure Recorder
- Road
- Parcel
- City Limit
- Extra Territorial Zone

PRESSURE ZONES

- RIAC
- Roswell
- Trigg/Kerr

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ROSWELL New Mexico

0 5,000
SCALE IN FEET

Figure 5-2: Pressure Recording Data for Roswell Pressure Zone

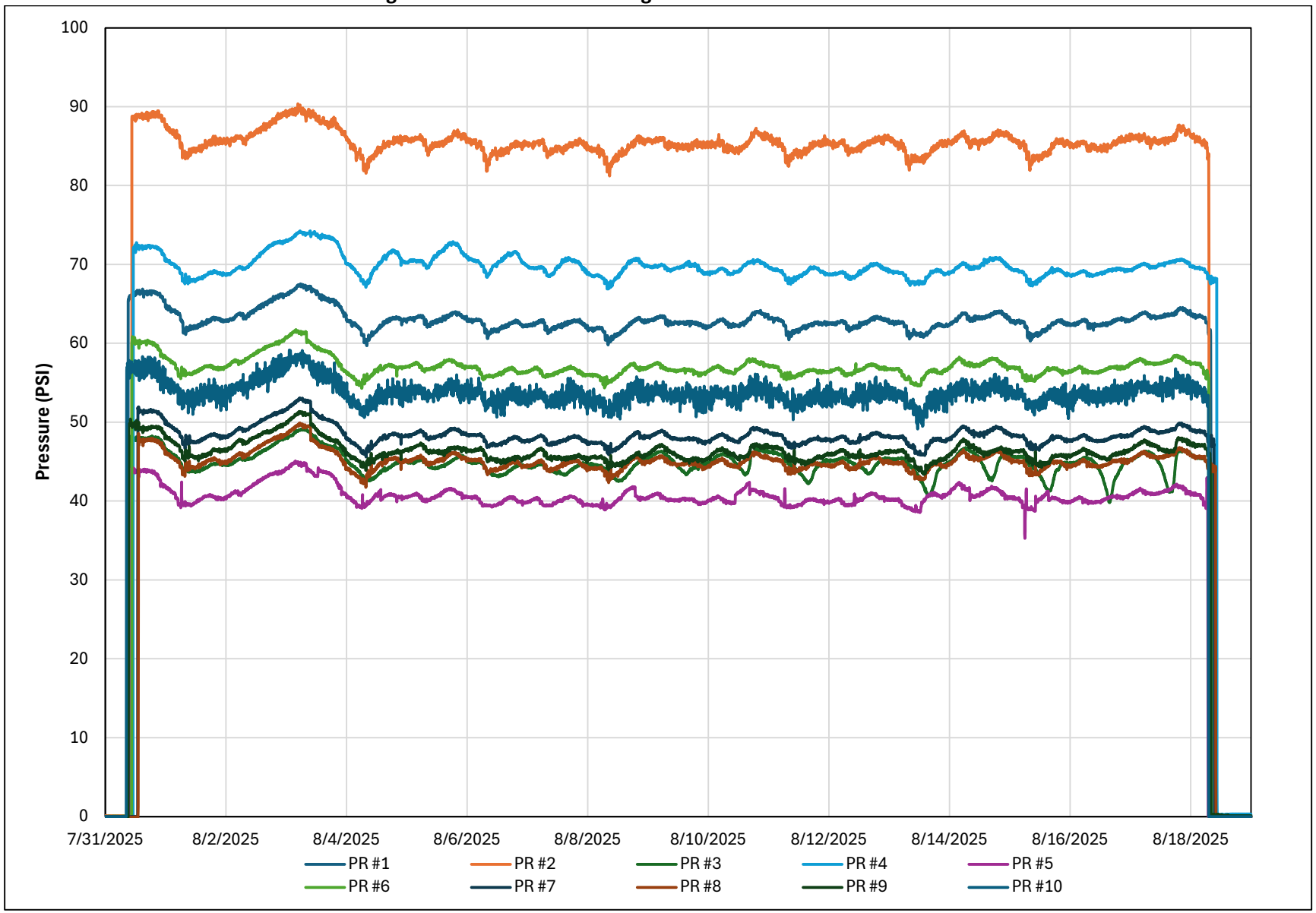
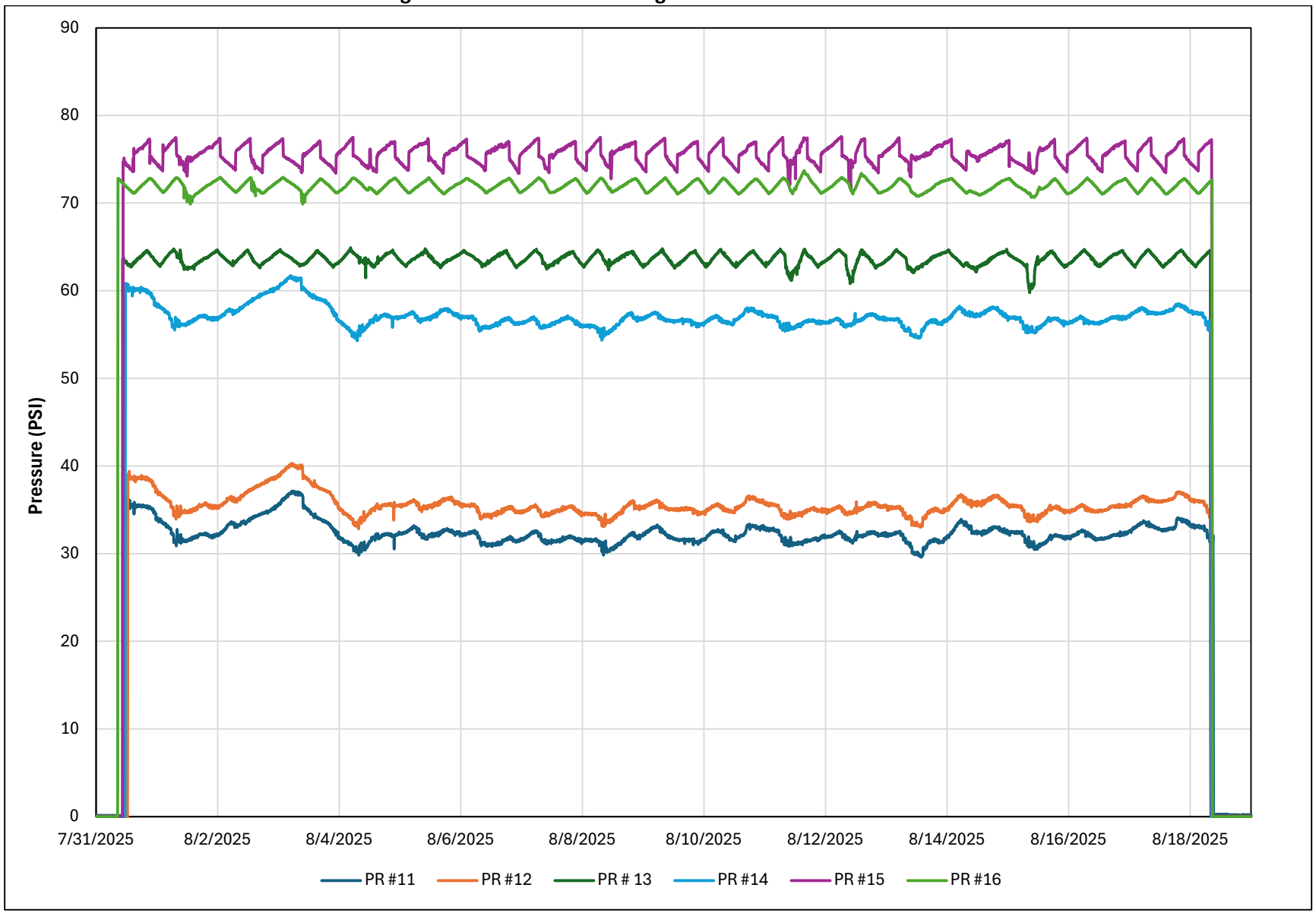


Figure 5-3: Pressure Recording Data for RIAC Pressure Zone



5.2 WATER MODEL DEVELOPMENT

As part of the City's previous Water Master Plan, a water model was developed by HDR in Bentley's WaterGEMS© software package. FNI received this model and the City's current GIS data was used to update the water model. As-built drawings and operational data provided by the City were reviewed and input into the model to accurately represent distribution system assets. Attribute data, including pipe diameter, pump capacity, tank geometry, elevations, etc. were assigned based on the available information provided by the City. FNI inferred data based on best engineering judgement when data could not be collected or did not exist. The model includes all distribution pipes, pump stations, elevated storage tanks, and ground storage tanks. Wells were modeled using fixed-head reservoirs to simulate the aquifer with pumps that supply water to the system.

The City provided a summary of water produced, water billed, and number of customers. No customer addresses were available to geocode the meter data or update the spatial allocation of demand, so the previous model spatial demand allocation was utilized.

5.3 WATER MODEL VALIDATION

In order to verify that the existing hydraulic model accurately represented the actual distribution system, a model validation was performed. The validation process involves adjusting system operation, demand allocation, and diurnal patterns to match observed conditions. Validation is an important component of updating and using a hydraulic model to confirm that the model still produces results similar to the observed condition of the water system.

The City provided hourly historical tank records taken during the pressure recording period that FNI utilized to estimate tank levels in the model. No historical pump records were available. The previous model diurnal patterns were used as a base, edited to reflect updated peak hour demand factors, and applied in the model for the 24-hour period occurring on August 6, 2025, which was selected for validation.

During the extended period simulation (EPS) validation, adjustments were made to the model in order to match the known conditions of August 6, 2025. FNI utilized EPS modeling to evaluate the range of pressures, the turnover of tanks, and cycling of pumps over a 24-hour period. Generally, the model-predicted pressures are similar to those observed.

Full validation results, found in **Appendix A**, include graphs showing the relationship between modeled data points versus pressure recorder data points. The results demonstrate a good correlation between recorded and modeled values and provide confidence in the accuracy of the model for master planning purposes.

6.0 WATER SYSTEM HYDRAULIC ANALYSIS

Hydraulic analyses were conducted utilizing a hydraulic water model of the City's water distribution system. The water system was evaluated to identify any existing deficiencies and to establish capacity improvements to meet projected water demands through buildout. Various combinations of improvements and system modifications were investigated to determine the most appropriate approach for meeting projected demands. Parameters used in developing the improvements included increasing system reliability, simplifying system operations, meeting required fire flows, and maintaining proper residual pressures.

6.1 EXISTING WATER SYSTEM ANALYSIS

The calibrated water model was utilized to evaluate the existing water system to determine if there are any existing system deficiencies and to provide a baseline for the current level of service. A 24-hour EPS run was performed with 2025 maximum day demands. EPS modeling provides a means to evaluate the system over time to assess response to hourly changes in demand, pump cycling, and tanks filling or draining. During a maximum day EPS analysis, the peak hour demand is also simulated using hourly peaking factors based on the typical diurnal demand pattern. Peak hour simulations are used to assess the ability of the distribution system to maintain residual pressures because the highest demand period typically induces the lowest pressure due to increased headloss throughout the system. **Figure 6-1** shows the minimum pressures observed in the model under existing demand conditions. The New Mexico Administrative Code requires water systems to maintain at least 30 psi under normal conditions, which includes expected peak demands. Recommended standards for Water Facilities by the New Mexico Engineering Department states "minimum working pressures in the distribution system should be at least 35 psi". Generally, modeled pressure within the system ranged from 40 psi to 80 psi, performing above the minimum requirements recommended by New Mexico guidelines.

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User Name: 04390

Country Club Reservoirs
Third St Reservoir
Kerr Reservoir
Mathis Elevated Storage
RIAC Elevated Storage

DRAFT FIGURE 6-1

CITY OF ROSWELL

2025 MINIMUM PRESSURES

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- Booster Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- Road
- Parcel
- City Limit
- Extra Territorial Zone

MINIMUM PRESSURES

- Less than 35 psi
- 35 - 50 psi
- 50 - 80 psi
- 80 - 100 psi
- Greater than 100 psi

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ROSWELL New Mexico

0 3,500
SCALE IN FEET

To evaluate the fire fighting capabilities of the system, a fire flow analysis was conducted under existing maximum day demand conditions. For this analysis, a steady-state model run was utilized to calculate the available fire flow at each node in the system at a pressure of 20 psi. **Figure 6-2** shows the results of the fire flow simulation. The majority of the water system can provide at least 1,500 gpm, which is a typical residential fire flow demand. Available fire flows below 1,500 gpm are due to small diameter lines in isolated areas. Upsizing of smaller lines and creating looped water lines are two methods to improve low fire flow. Available fire flow for commercial, multi-family, and industrial land use should be evaluated on a case by case basis.

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Country Club Reservoirs
Third St Reservoir
Kerr Reservoir
Mathis Elevated Storage
RIAC Elevated Storage

DRAFT FIGURE 6-2

CITY OF ROSWELL

2025 AVAILABLE FIREFLOW

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- Booster Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- City Limit
- Highway
- Road
- Parcel
- Extra Territorial Zone

AVAILABLE FIREFLOW

- Less than 500 gpm
- 500 - 1,500 gpm
- 1,500 - 2,500 gpm
- 2,500 - 3,500 gpm
- Greater than 3,500 gpm

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ROSWELL New Mexico

0 3,500
SCALE IN FEET

6.2 FUTURE WATER SYSTEM ANALYSIS

Hydraulic analyses were performed on the distribution system under future demand conditions. Model simulations were performed for maximum day and peak hour demand conditions for each planning period to understand the impact of growth on the existing system. Water system improvements were developed to accommodate the growth anticipated in 2030, 2040 and buildout years, including additional production capacity, storage capacity, and distribution capacity. Key observations and recommendations resulting from evaluation of the distribution system are discussed in the following sections. Modeling results documenting system pressure and available fire flow are included in **Appendix C**.

Water Production

Daily water production capacity is recommended to meet or exceed maximum day demand projections in order for the water system to adequately supply water to customers. To evaluate the City's production capacity, the projected maximum day demand in each planning year was compared to the sustainable groundwater well capacity available to the system. It is not feasible to assume that all wells can pump 24 hours per day, 7 days per week during peak demand periods, so through discussions with City staff, it was determined that the sustainable well capacity would consider the largest well pump off at each well field. **Table 6-1** shows the recommended production capacity, equal to the projected maximum day demand, and the sustainable well capacity for the system. There is adequate sustainable well capacity through the 2040 planning scenario. In the buildout planning scenario, the maximum day demand exceeds the sustainable well capacity, so FNI recommends monitoring water demands in the future and make continuous updates to the master plan to evaluate when a new well may be needed.

Table 6-1: Recommended Water Production Capacity

Year	Existing Sustainable Well Capacity (MGD)	Recommended Production Capacity (MGD)
2025	29.12	20.51
2030	29.12	21.21
2040	29.12	22.68
Buildout	29.12	33.03

Distribution Pumping

Not only does the system need sufficient well capacity to produce enough water to meet the projected maximum day demand, but the pump stations also need to have sufficient capacity to pump the water into the distribution system. 125% of the projected maximum day demand in each planning year was compared to the firm pumping capacity in each pressure zone, to assure that the pumping facilities could provide reliable service. Firm capacity is defined as the total pumping capacity with the largest pump out of service in each pressure zone. **Table 6-2** display the results of the pumping analysis in each pressure zone. Both pressure zones have adequate firm capacity to meet the maximum day demand in each planning year.

Table 6-2: Recommended Distribution Pumping Capacity

Pressure Zone	Existing Firm Capacity (MGD)	Recommended Capacity (MGD)			
		2025	2030	2040	Buildout
RIAC	7.31	5.45	5.45	5.45	5.70
Roswell	39.35	20.18	21.06	22.90	35.58

Elevated Storage Capacity

ESTs serve several functions in a water system, including:

- *Pressure Maintenance*: Elevated tanks use gravity to maintain consistent water pressure throughout the distribution system. The overflow elevation of ESTs establish the hydraulic grade line of a pressure zone and therefore determine system pressure.
- *Emergency Supply*: ESTs provide a reserve of water that can be used during emergencies, such as power outages or fires.
- *Demand Management*: ESTs help manage fluctuations in water demand. During periods of low demand, water is stored in the tank, and during peak demand, the stored water is released to meet the demands in the system.

To determine the elevated storage volume needed, the emergency supply and demand management, or equalization storage, is evaluated. It is generally recommended that the equalization volume is stored in the top half of the tank and the emergency volume is stored in the bottom half. This allows the equalization volume to be utilized during normal operation to influence system pressures. During emergency conditions, the system pressure is allowed to drop to 20 psi so the lower volume of water can be utilized. Therefore, the recommended elevated storage capacity is the greater of either twice the equalization storage or the equalization storage plus emergency volume. The equalization storage volume is equivalent to four hours of peak demand. Emergency volume is the maximum fire flow of 3,500 gpm for 3 hours. **Table 6-3** shows the recommended elevated storage capacity for each pressure zones.

Table 6-3: Recommended Elevated Storage Capacity

Pressure Zone	Existing Capacity (MG)	Recommended Capacity (MG)			
		2025	2030	2040	Buildout
RIAC	1.50	1.18	1.18	1.18	1.20
Roswell	20.03	4.04	4.21	4.58	7.12

Ground Storage Capacity

Ground storage tanks provide consistent suction pressure for pump stations and also function as a buffer between the groundwater being pumped by wells and the pump stations pumping the water into the distribution system. Having stored water can be beneficial if there is an interruption in water being supplied to the pump station and helps maintain consistent operations of pumps by not having to exactly match pumping rates of wells and booster pumps. FNI recommends that system wide there is approximately eight hours of storage based on the firm pumping capacity of the booster pump stations. This allows some response time if there is an issue with the water being supplied to the tank and also provides sufficient storage to limit pump cycling. The existing ground storage at the Kerr Reservoir does not provide a storage volume equivalent to 8 hours of firm pumping capacity. However, the water system has a surplus of elevated storage, resulting in a total storage volume greater than the equivalent of 24 hours of maximum day demand through the 2040 planning phase. Due to this additional elevated storage volume, no ground storage expansion projects were recommended.

7.0 WATER SYSTEM CONDITION ASSESSMENT

In March 2024, FNI and City staff conducted field assessments of every facility in the existing water system, with the exception of the RIAC #4 Well. The well was undergoing rehab and construction and was not available to visit. The assessment included site visits and visual inspections of the facilities to determine the overall condition of the station and specific condition of major components including pumps and motors, tank coating, electrical equipment, instrumentation, piping and valves, structure, and site. Condition scoring parameters and weighting for pump stations and well sites are shown in **Table 7-1**. Condition scoring parameters and weighting for tank sites are shown in **Table 7-2**. Notes and photographs were taken for each inspection site to document existing condition and develop a condition score for all major components on a scale of 1 to 5, as shown in **Table 7-3**. A score of 1 is considered "new" condition with no steps recommended to maintain condition, while a score of 5 is considered "very poor" condition and the asset has probable or eminent failure unless rehabilitation steps are taken. General facility information was also noted as well as any comments from City staff. Inspection sheets for all inspected facilities can be found in **Appendix B**. The results of the facility condition assessment were incorporated into recommended improvements that help mitigate the risk of asset failure and proactively manage system degradation.

Table 7-1: Pump Station Facility Inspection Scoring Parameters

Component Group	Weight Factor
Pumps and Motors	20%
Electrical – MCC, Back-up Power, Cables	25%
Instrumentation - SCADA, Alarms, Controls	15%
Structure - Hatches, Corrosion, Cracks, Leaking	15%
Piping and Valves	15%
Site - Drainage, Access Drive, Security, Fencing	10%

Table 7-2: Tank Facility Inspection Scoring Parameters

Component Group	Weight Factor
Coating	25%
Electrical – MCC, Back-up Power, Cables	10%
Instrumentation - SCADA, Alarms, Controls	10%
Structure - Hatches, Corrosion, Cracks, Leaking	25%
Piping and Valves	20%
Site - Drainage, Access Drive, Security, Fencing	10%

Table 7-3: Facility Inspection Scoring Guidelines

Score	Guidelines
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Very poor condition, rehabilitation or replacement required

The results of the water system field assessment were compiled, and the major component scores were weighted to generate an overall condition score for each facility. A summary of the inspection results is shown in **Table 7-4.** The majority of inspected pump stations and wells were found to be in "good" to "fair" condition with scores ranging from 1.10 to 4.0. Trigg Reservoir was determined to be in the worst condition of the water facilities due to interior lining corrosion. Higher condition scores typically resulted from corroded valves and pipes, lack of electrical equipment protection, and site conditions. Detailed recommendations for rehabilitation are discussed in detail in **Section 8.0**. General recommendations include replacing gaseous chlorine with liquid bleach, constructing appropriate buildings to protect production well pumps and piping, provide lighted canopies over exposed electrical boxes, conducting electrical power system study, and re-coating exposed piping and valves.

Table 7-4: Water Facility Scoring Results

Facility Name	Pumps and Motors/ Tank Coating	Electrical	Instrumentation	Structure	Piping and Valves	Site	Condition Rating
Trigg Reservoir	5	2	2	5	4	3	**4.00**
Trigg #1	3	3	2	2	3	3	**2.70**
Trigg #2	3	3	2	2	3	3	**2.70**
Kerr #6	3	4	2	3	3	3	**3.10**
Kerr #5	3	3	2	2	3	3	**2.70**
Kerr #1	4	4	3	4	3	3	**3.60**
Kerr #2	5	5	3	4	3	2	**3.95**
Kerr #3	3	3	2	4	2	2	**2.75**
Kerr #4	2	3	2	4	2	2	**2.55**
Kerr Reservoir	2	2	2	1	1	1	**1.45**
Kerr Booster Pump Station	3	3	2	1	2	1	**2.20**
RIAC Booster Pump Station	5	4	2	3	4	3	**3.65**
RIAC #5	4	4	2	3	2	2	**3.05**
RIAC #1	2	2	2	2	3	2	**2.15**
RIAC #3	2	2	2	2	2	2	**2.00**
RIAC West EST	1	1	2	1	1	1	**1.10**
RIAC East EST	1	1	2	1	1	1	**1.10**
South of Roswell Well 12	2	2	2	2	2	2	**2.00**
South of Roswell Well 15	2	2	2	2	2	4	**2.20**
South of Roswell Well 16	2	2	2	4	2	3	**2.40**
South of Roswell Well 17	2	2	2	2	2	2	**2.00**
South of Roswell Well 13	2	3	2	2	2	3	**2.35**
Six Mile Hill Well 18	2	3	2	3	3	2	**2.55**
Six Mile Hill Well 10	2	2	2	2	2	1	**1.90**
Six Mile Hill Well 11	2	3	2	2	3	1	**2.30**
Third St Reservoir	5	3	2	5	3	2	**3.80**
Country Club Reservoir (N)	3	3	2	3	3	3	**2.90**
Country Club Reservoir (S)	1	2	2	1	1	1	**1.20**

7.1 SATELLITE LEAK DETECTION ANALYSIS

FNI subcontracted with ASTERRA to perform a leak detection analysis. ASTERRA's satellite leak detection technology has the capability to identify areas having a high probability of subsurface leakage. Points of interest throughout the system were identified, then ASTERRA performed two field inspections to identify specific locations of leaks and estimate the quantity of water loss. The following subsections summarize the results of this analysis.

First Round

After completion of the satellite-based leak detection, ASTERRA identified over 120 points of interest. Leak detection types were split into three categories: Main Leak, Service Leak, and Customer-Side Leak. Over 70 leak locations were identified after this analysis, with a majority of the leaks located in the Roswell Pressure Zone. **Figure 7-1** illustrates field verified leak locations within the system.

Second Round

After the second round of satellite-based leak detection, ASTERRA identified over sixty additional points of interest to investigate in the field. **Figure 7-2** illustrates the field verified leak locations within the system. Forty leak locations were identified, the majority again located within the Roswell PZ. FNI utilized both rounds of data to propose recommended pipeline replacement projects, which will be discussed further in **Section 8.0**. Areas of the distribution system that had a high concentration of leaks were selected for further analysis. Pipelines that were over 50-years old and were constructed of cast iron pipe were also highlighted as areas of concern, due to the anticipated service life of cast iron waterlines. Cast iron pipelines constructed prior to 1975 that had a high concentration of detected leaks were selected for pipeline replacement projects. The type of leak detected, diameter of the waterline, and flow through the waterline were all variables used to prioritize the projects throughout the planning phases.

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DRAFT FIGURE 7-1
CITY OF ROSWELL
FIELD VERIFIED
LEAK LOCATIONS - ROUND 1

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- PS — Booster Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- Road
- Parcel
- City Limit
- Extra Territorial Zone

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LEAK DETECTIONS

- Main Leak
- Service Leak
- Customer-Side Leak

Kerr Reservoir

Mathis Elevated Storage

RIAC Elevated Storage

0 3,500

SCALE IN FEET

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DRAFT FIGURE 7-2

CITY OF ROSWELL

FIELD VERIFIED
LEAK LOCATIONS - ROUND 2

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- PS — Booster Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- Road
- Parcel
- City Limit
- Extra Territorial Zone

FREESE AND NICHOLS

ROSWELL New Mexico

LEAK DETECTIONS

- Main Leak
- Service Leak
- Customer-Side Leak

Kerr Reservoir

Mathis Elevated Storage

RIAC Elevated Storage

0 3,500

SCALE IN FEET

8.0 CAPITAL IMPROVEMENT PLANS

A capital improvements plan (CIP) was developed for the City of Roswell to ensure high quality water service to customers. The recommended improvements will provide reliability to meet projected water demands through buildout. The recommended projects for the water system are presented on **Figure 8-1.** Locations shown for new mains and other recommended improvements were generalized for hydraulic analyses. Specific alignments and sites will be determined as part of the design process.

Planning-level cost estimates were developed for the recommended improvements and do not include individual service connections. The costs are in 2026 dollars and include an allowance for engineering, surveying, and contingencies. Costs for land acquisition or easements are not included. **Table 8-1** summarizes the costs of the water system CIP. Detailed descriptions of the projects and costs are included in **Appendix D**. Improvements were phased into the three planning periods based on system needs and infrastructure condition. It is recommended that these projects be constructed generally in the order listed; however, asset condition may make it necessary to construct some projects sooner or later than anticipated. The following sections list the projects by phase and provide a description and driver for each project.

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DRAFT FIGURE 8-1
CITY OF ROSWELL
WATER SYSTEM IMPROVEMENTS
LEGEND

Short-Term Projects
- Well
- Pump Station
- Water Line

Intermediate Term
- Well
- Reservoir
- Water Line

Long-Term
- Reservoir
- Water Line
- Highway

- Ground Storage Tank
- Elevated Storage Tank
- Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- City Limit

FREESE AND NICHOLS

ROSWELL New Mexico

0 6,500
SCALE IN FEET

Table 8-1: Water Capital Improvement Plan Summary

Project Number	Project Name	Cost
Short Term Projects		
1	SCADA System Update	$312,000
2	Kerr #6 Well Rehabilitation	$23,400
3	Kerr #1 Well Rehabilitation	$85,800
4	Kerr #2 Well Rehabilitation	$85,800
5	RIAC Booster Pump Station Rehabilitation	$358,800
6	8-inch Montana Avenue Pipeline Replacement	$5,833,500
7	8-inch Kelly Place Pipeline Replacement	$3,384,600
8	12-inch North Main Street Pipeline Replacement	$3,260,000
9	10-inch Hobbs Street Pipeline Replacement	$7,590,200
	Short Term Total	**$20,934,100**
Intermediate Projects		
10	Trigg Reservoir Rehabilitation	$156,000
11	Third Street Reservoir Rehabilitation	$546,000
12	RIAC #5 Well Rehabilitation	$62,400
13	8-inch Union Avenue Pipeline Replacement	$1,533,800
14	8-inch Vista Parkway Pipeline Replacement	$4,648,700
15	8-inch Garden Avenue Pipeline Replacement	$7,236,600
16	8-inch S Grand Avenue Pipeline Replacement	$4,936,200
	Intermediate Total	**$19,119,700**
Long Term Projects		
17	8-inch Chrysler Place Pipeline Replacement	$916,700
18	8-inch College Boulevard Pipeline Replacement	$988,500
19	8-inch Petro Drive Pipeline Replacement	$1,665,500
20	8-inch W 8th Street Pipeline Replacement	$6,475,800
21	8-inch Hendricks Street Pipeline Replacement	$1,875,200
23	Trigg Reservoir Demolition	$117,000
	Long Term Total	**$12,038,700**
	CIP Total	**$52,092,500**

8.1 SHORT-TERM WATER PROJECTS

Projects recommended within the first 5-year phase are the most critical to the system. These projects resolve existing deficiencies or accommodate near-term projected growth. A detailed description of each project is provided below.

Project 1: SCADA System Update

This project is to update and repair the water SCADA system. The SCADA system has been non-operational, and the system is currently monitored and operated manually. This project is needed to collect historical operational data and assist in remote operations of the water system.

Project 2: Kerr #6 Well Rehabilitation

The Kerr #6 Well operates with a VFD, however the existing VFD needs to be replaced. This project replaces the VFD at the Kerr #6 Well, which is needed to operate the well pump.

Project 3: Kerr #1 Well Rehabilitation

This project updates the Kerr #1 Well motor and replaces the current soft start control with a VFD. This project is needed to operate the Kerr #1 Well.

Project 4: Kerr #2 Well Rehabilitation

This project updates the Kerr #2 Well motor and replaces the VFD. The pump is currently turned off due to the motor issues. This project is needed to operate the Kerr #2 Well.

Project 5: RIAC Booster Pump Station Rehabilitation

This project repairs the pump seals to prevent leaking on the RIAC Booster Pump Station pumps. All pumps at the RIAC Booster Pump Station are leaking and need replacement seals.

Project 6: 8-inch Montana Avenue Pipeline Replacement

This project replaces approximately 9,000 lf of existing 6- and 8-inch water lines along West 1st Street, West Walnut Street, West Tilden Street, West Alameda Street, West Hendricks Street, and West Albuquerque Street. This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers. This project also includes additional water line looping, to improve available fire flow.

Project 7: 8-inch Kelly Place Pipeline Replacement

This project replaces approximately 5,700 lf of existing 6-inch water lines along Hollowan Place, Kelly Place, and B Street. This project is recommended to address leaks detected within the water distribution

system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers. This project also includes additional water line looping, to improve available fire flow.

Project 8: 12-inch North Main Street Pipeline Replacement

This project replaces approximately 4,400 lf of existing 10- and 8-inch water lines along North Main Street from East 8th Street to East Alameda Street. This project is recommended to address leaks detected within the water distribution system, detected as part of the satellite leak detection analysis. This project replaces pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Project 12: 10-inch Hobbs Street Pipeline Replacement

This project replaces approximately 10,000 lf of existing 10- and 8-inch water lines along North Garden Avenue, from Tierra Berrenda Drive to East Berrendo Road, as well as water lines along Mission Arch Drive, Sunrise Road, Twin Diamond Road, Swinging Spear Road, and Broken Arrow Road. This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers. This project also includes additional water line looping, to improve available fire flow.

8.2 INTERMEDIATE-TERM WATER PROJECTS

Project 10: Trigg Reservoir Rehabilitation

The 0.1 MG Trigg Reservoir is in poor condition, due to the highly corroded nature of the interior lining. The structure has experienced corrosion due to historical high chlorine usage, though chlorine is no longer injected at the Trigg Well sites. This project involves recoating the interior of the Trigg Reservoir and associated site improvements. Hydraulic analysis has indicated that the Trigg Reservoir may not be necessary to convey water from the Trigg wellfield to the Kerr Reservoir. Further analysis is recommended prior to taking the Trigg Reservoir offline.

Project 11: Third Street Reservoir Rehabilitation

This project is to re-coat the Third Street Reservoir. The exterior coating needs sandblasting and re-coating. The current coating appears to be too thin and rusting in some areas.

Project 12: RIAC #5 Well Rehabilitation

This project replaces the RIAC #5 Well motor, which is needed to operate the RIAC #5 well.

Project 13: 8-inch Union Avenue Pipeline Replacement

This project replaces approximately 2,500 lf of existing 8-inch water lines along South Union Avenue. This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers. This project also includes additional water line looping, to improve available fire flow.

Project 14: 8-inch Vista Parkway Pipeline Replacement

This project replaces approximately 7,800 lf of existing 8-inch water lines along North Delicado Drive, Encanto Drive, Futura Drive, and North Garden Avenue. This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers. This project also includes additional water line looping, to improve available fire flow.

Project 15: 8-inch Garden Avenue Pipeline Replacement

This project replaces approximately 12,000 lf of existing 8-inch water lines along East Hobbs Street, South Monroe Avenue, Stanton Avenue, and Jackson Avenue, and South Garden Avenue. This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers. This project also includes additional water line looping, to improve available fire flow.

Project 16: 8-inch S Grand Avenue Pipeline Replacement

This project replaces approximately 8,200 lf of existing 8-inch water lines along South Grand Avenue, East Bonney Street, East Lewis Street, and East Hervey Street. This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers. This project also includes additional water line looping, to improve available fire flow.

8.3 LONG-TERM WATER PROJECTS

Project 17: 8-inch Chrysler Place Pipeline Replacement

This project replaces approximately 500 lf of existing 8-inch water lines along Chrysler Place. This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers. This project also includes additional water line looping, to improve available fire flow.

Project 18: 8-inch College Boulevard Pipeline Replacement

This project replaces approximately 1,600 lf of existing 8-inch water lines along North Pennsylvania Avenue from West College Boulevard to West 11th Street. This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Project 19: 8-inch Petro Drive Pipeline Replacement

This project replaces approximately 2,800 lf of existing 8-inch water lines along East College Boulevard from North Grand Avenue to North Garden Avenue. This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Project 20: 8-inch W 8th Street Pipeline Replacement

This project replaces approximately 10,800 lf of existing 6-inch water lines along West 8th Street, Mullis Avenue, Hall Drive, and Moore Avenue. This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Project 21: 8-inch Hendricks Street Pipeline Replacement

This project replaces approximately 3,100 lf of existing 8-inch water lines along Hinkle Street, East Hendricks Street, and East Tilden Street. This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Project 22: Trigg Reservoir Demolition

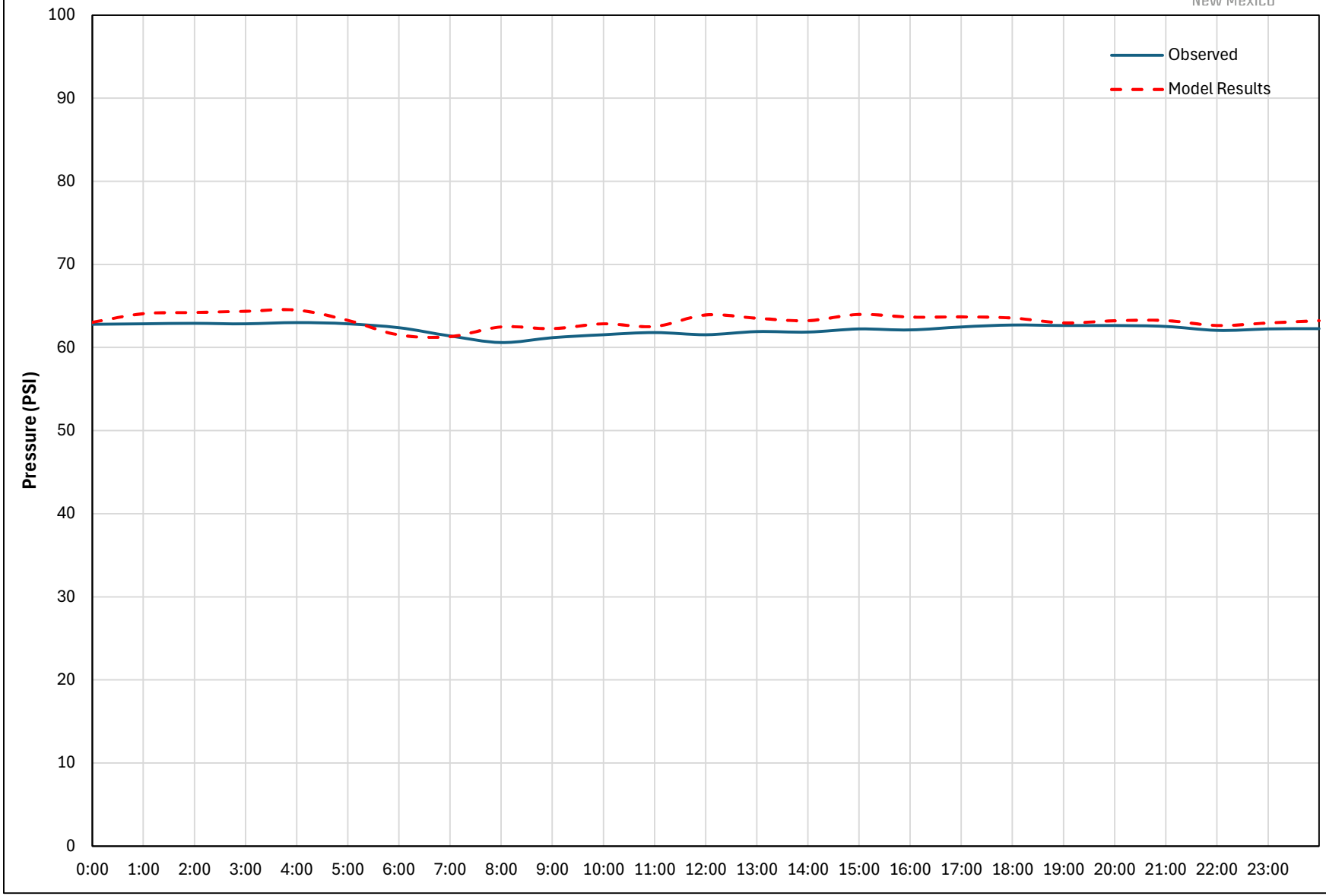
This project demolishes the existing Trigg Reservoir. Preliminary hydraulic analysis has indicated that the 0.1 MG Trigg Reservoir is not required to convey water from the Trigg wells to the Kerr reservoir.

APPENDIX A
WATER MODEL CALIBRATION RESULTS

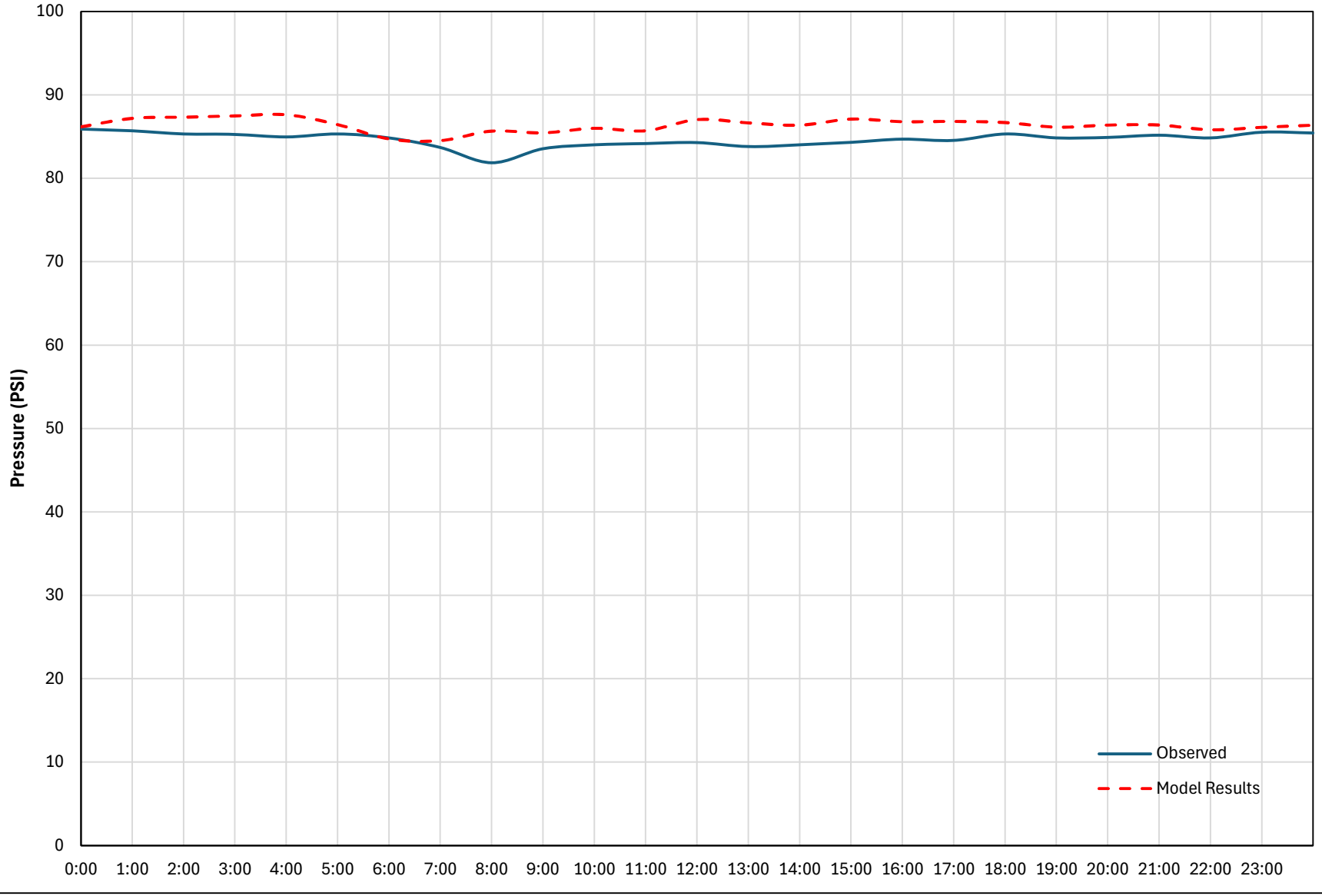
PR #1: 49202343

4507 North Main Street

August 6th, 2025



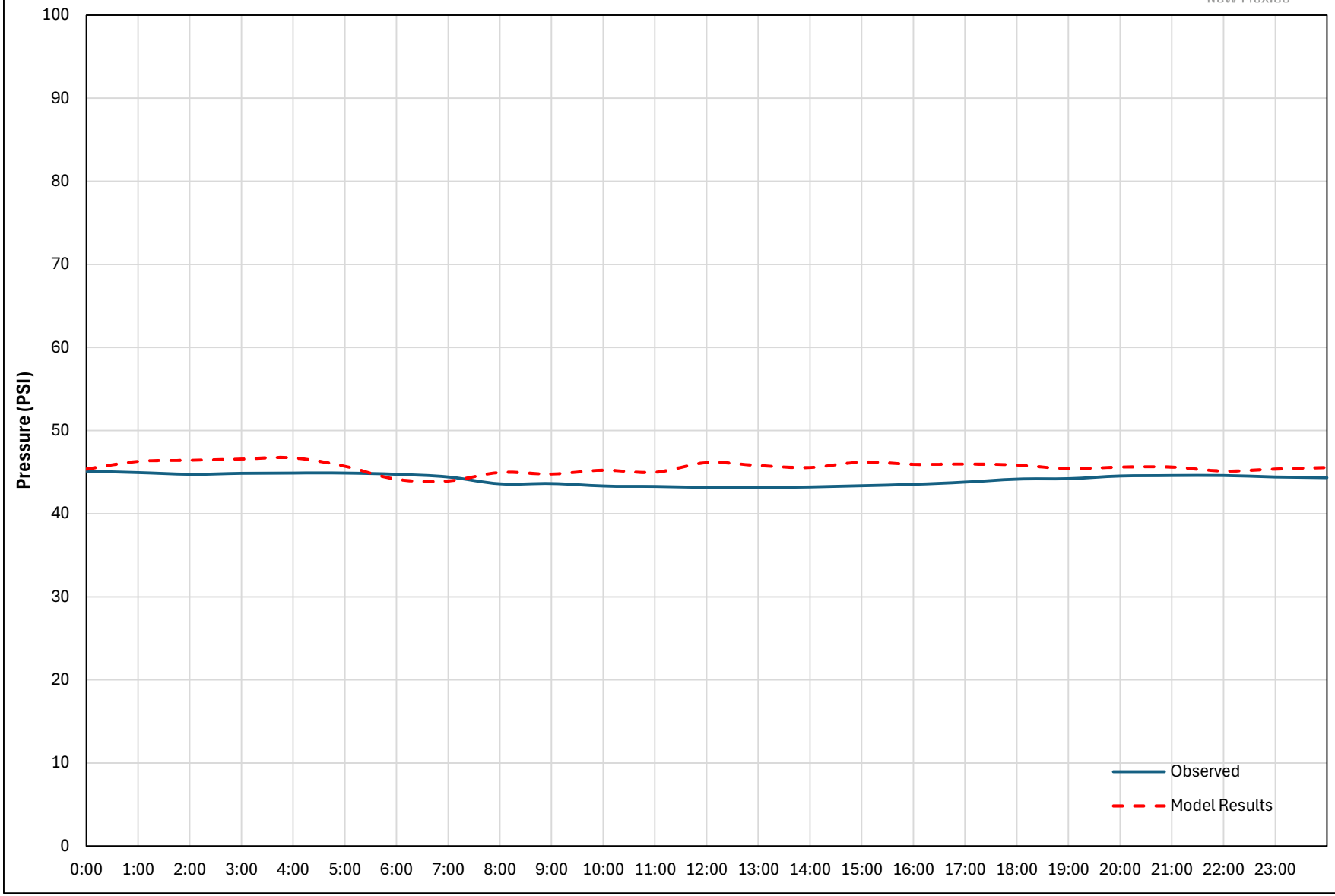
PR #2: 44201851
107 Bent Tree Road
August 6th, 2025



PR #3: 49202344

2300 North Sycamore Avenue

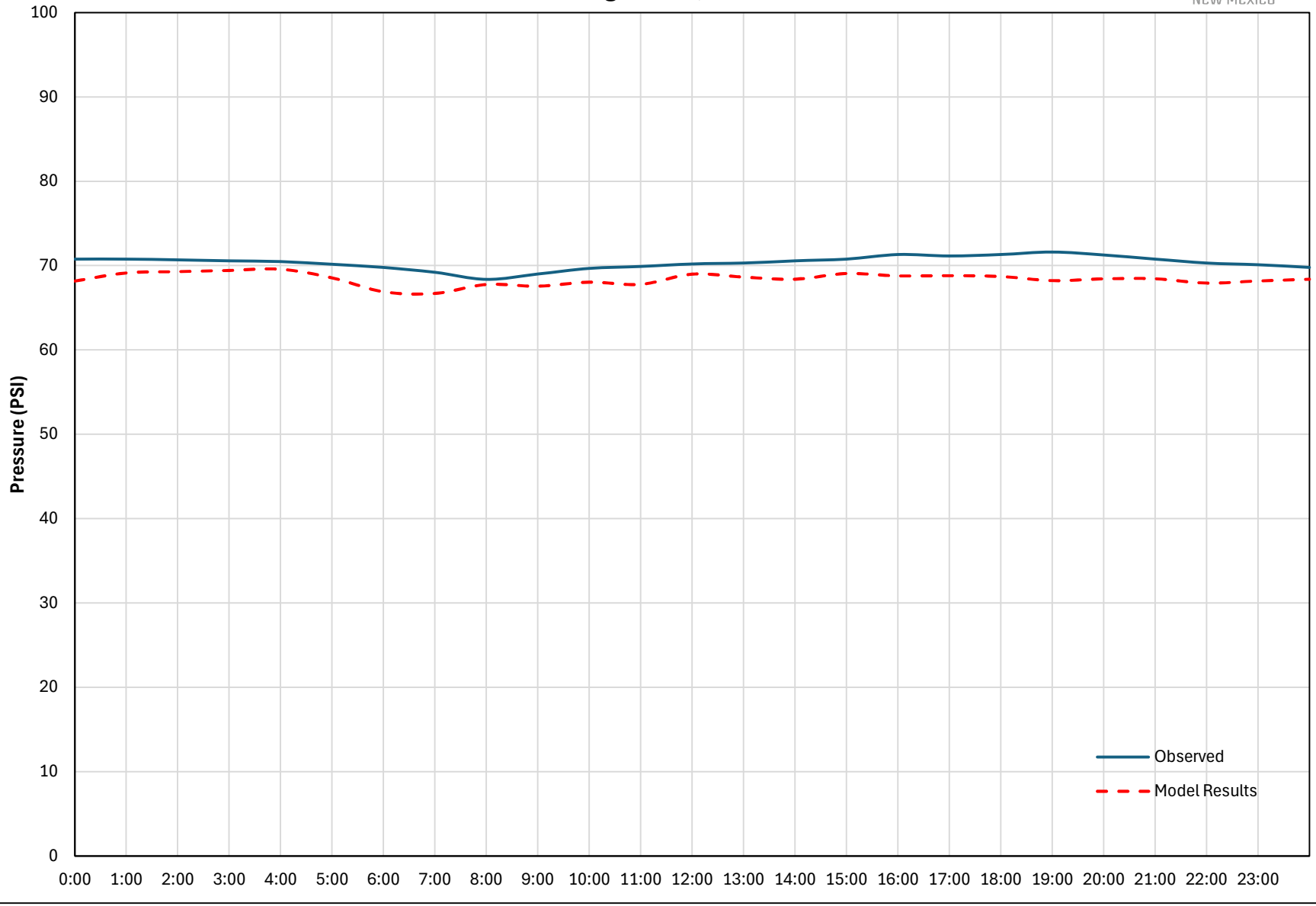
August 6th, 2025



PR #4: 44201850

120 South Main Street

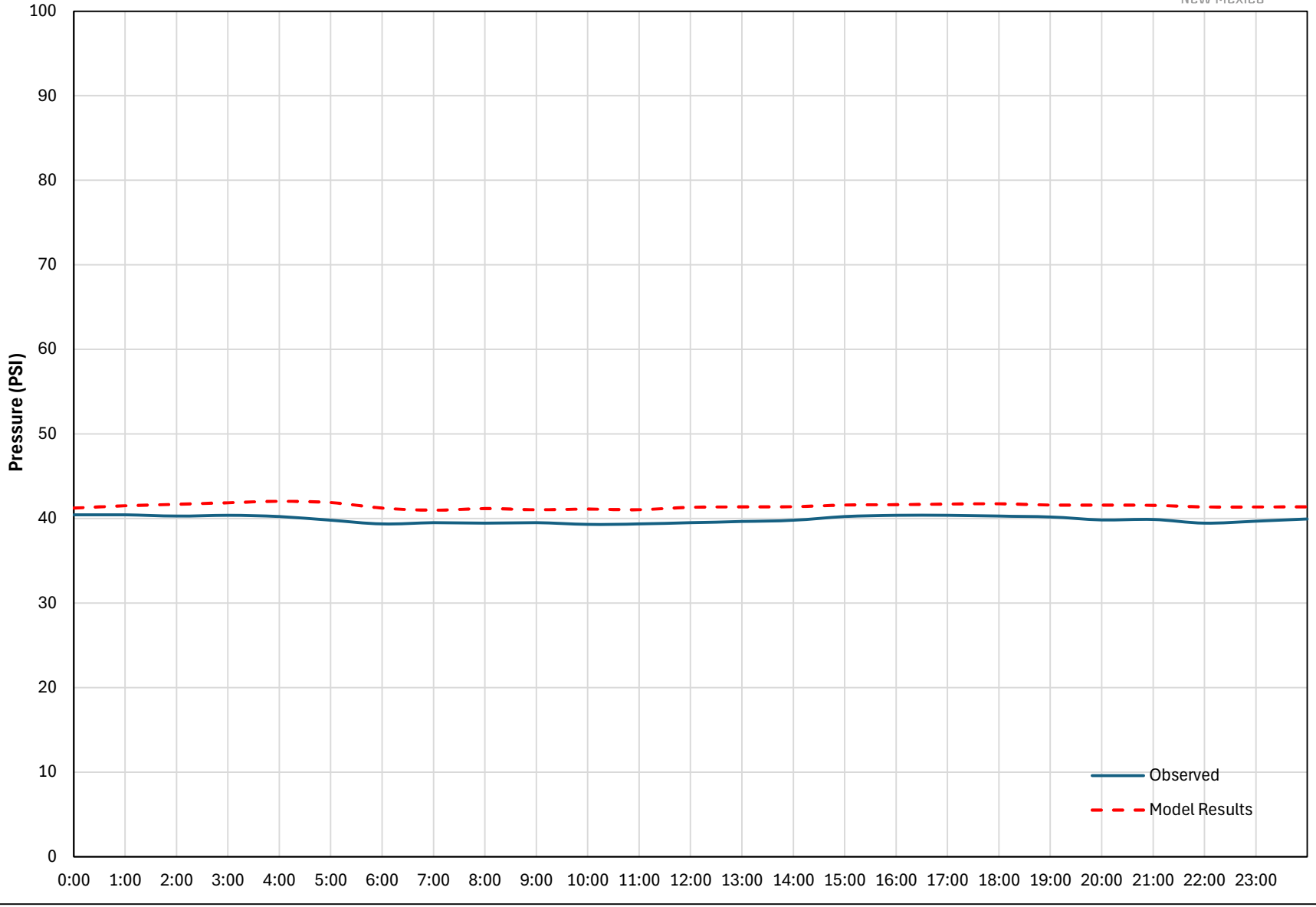
August 6th, 2025



PR #5: 24200203

Pima Drive & West Alameda Street

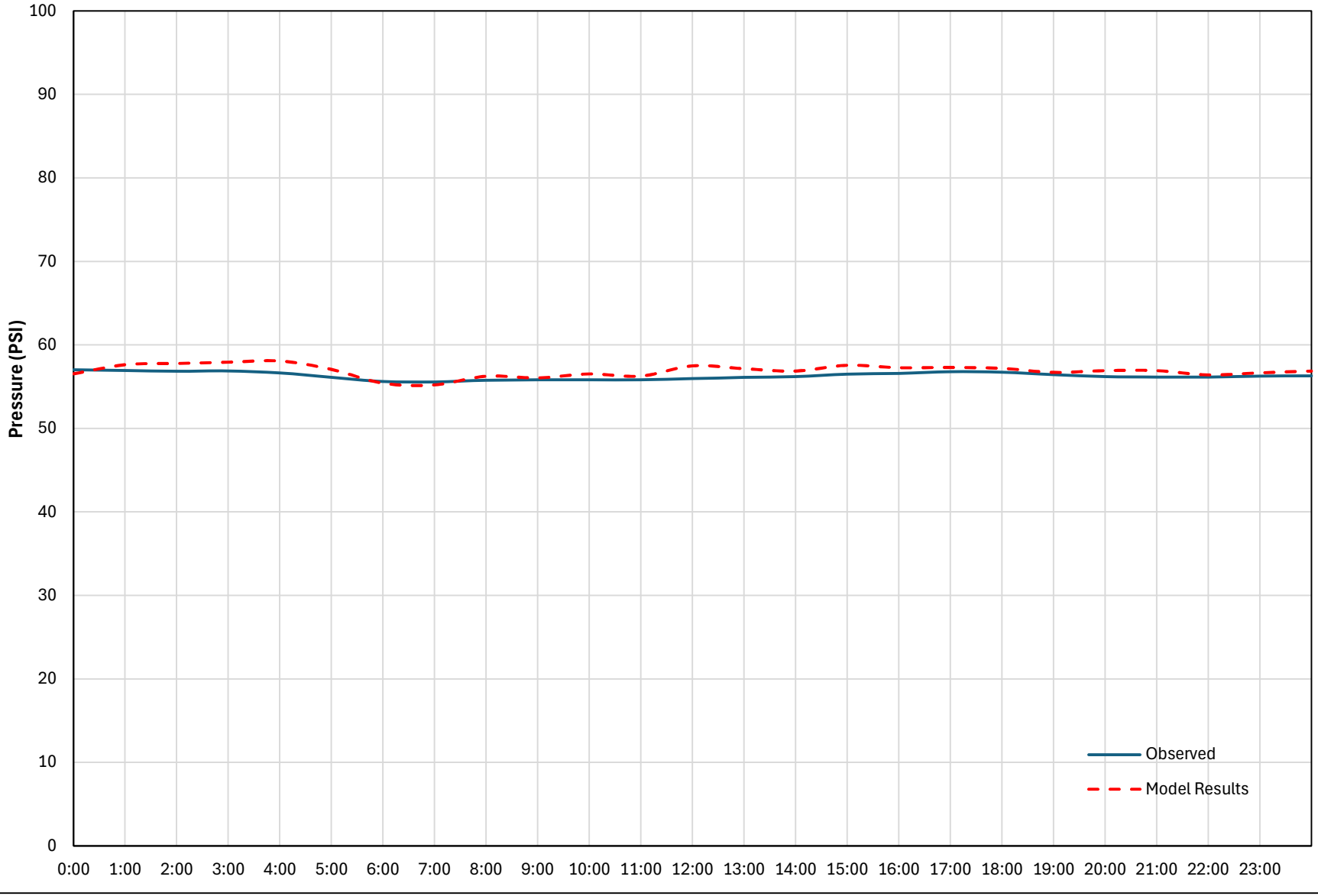
August 6th, 2025



PR #6: 32200858

1208 South Washington Avenue

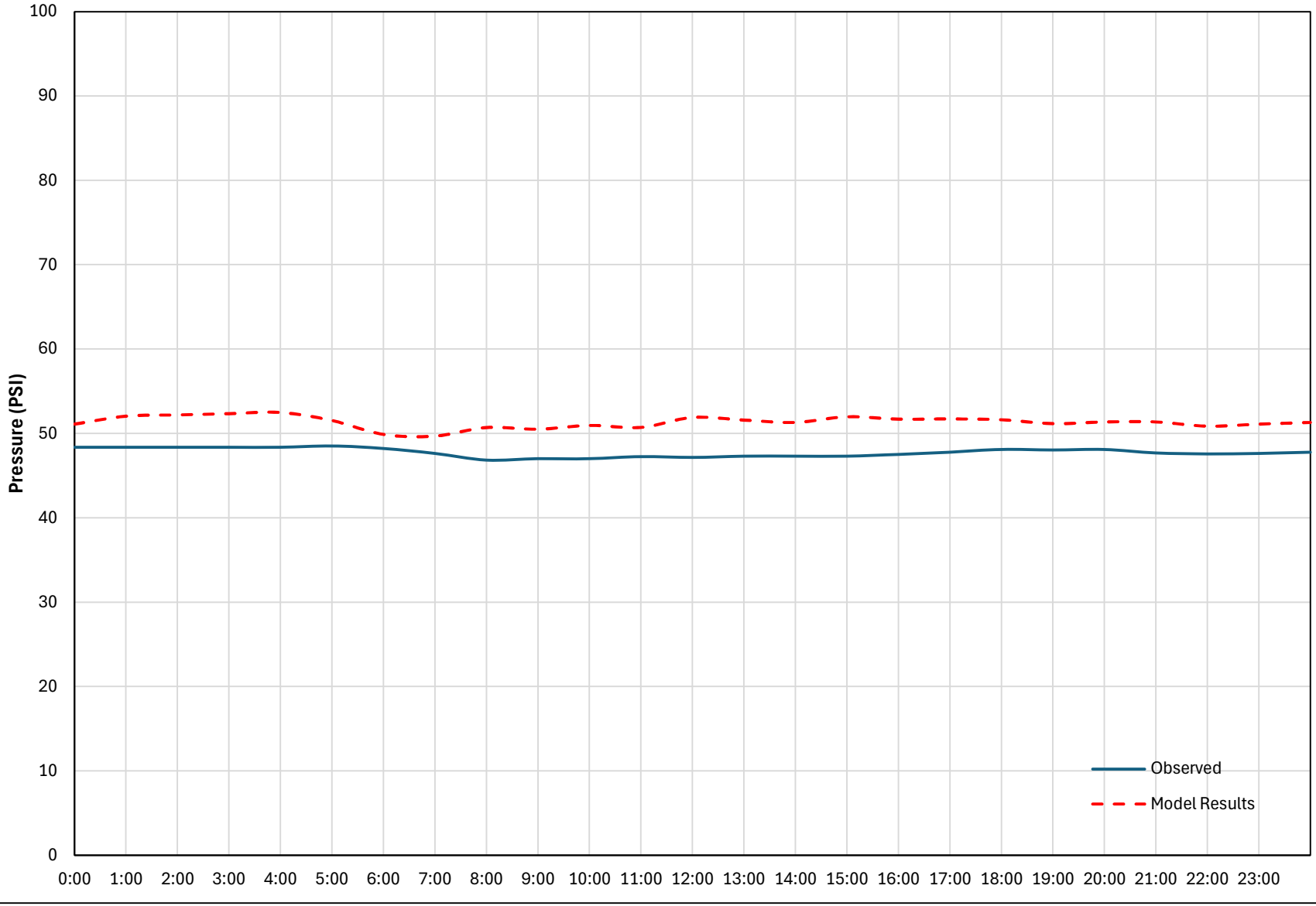
August 6th, 2025



PR #7: 49202323

1900 South Sunset Avenue

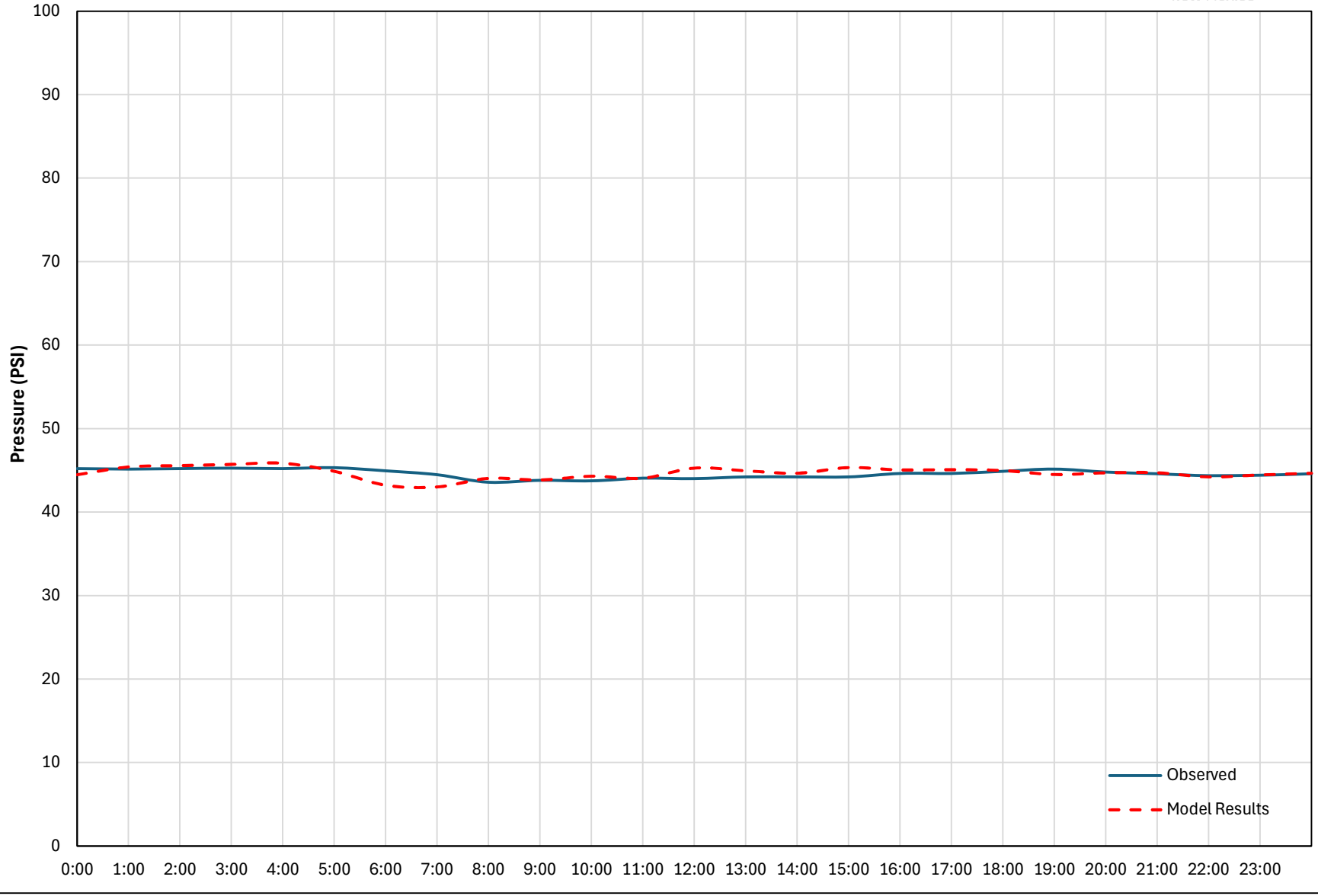
August 6th, 2025



PR #8: 50202413

1301 Sunset Place

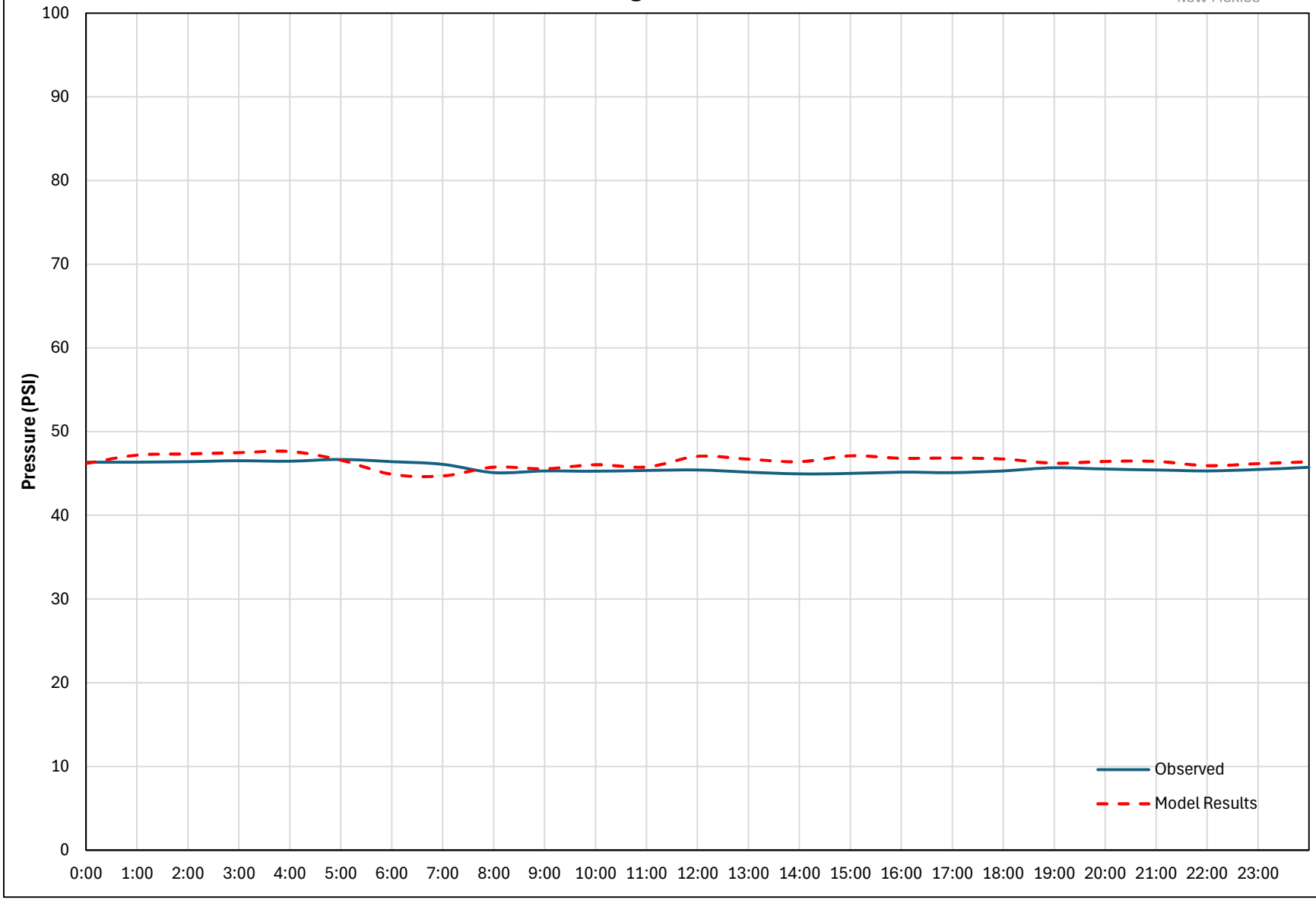
August 6th, 2025

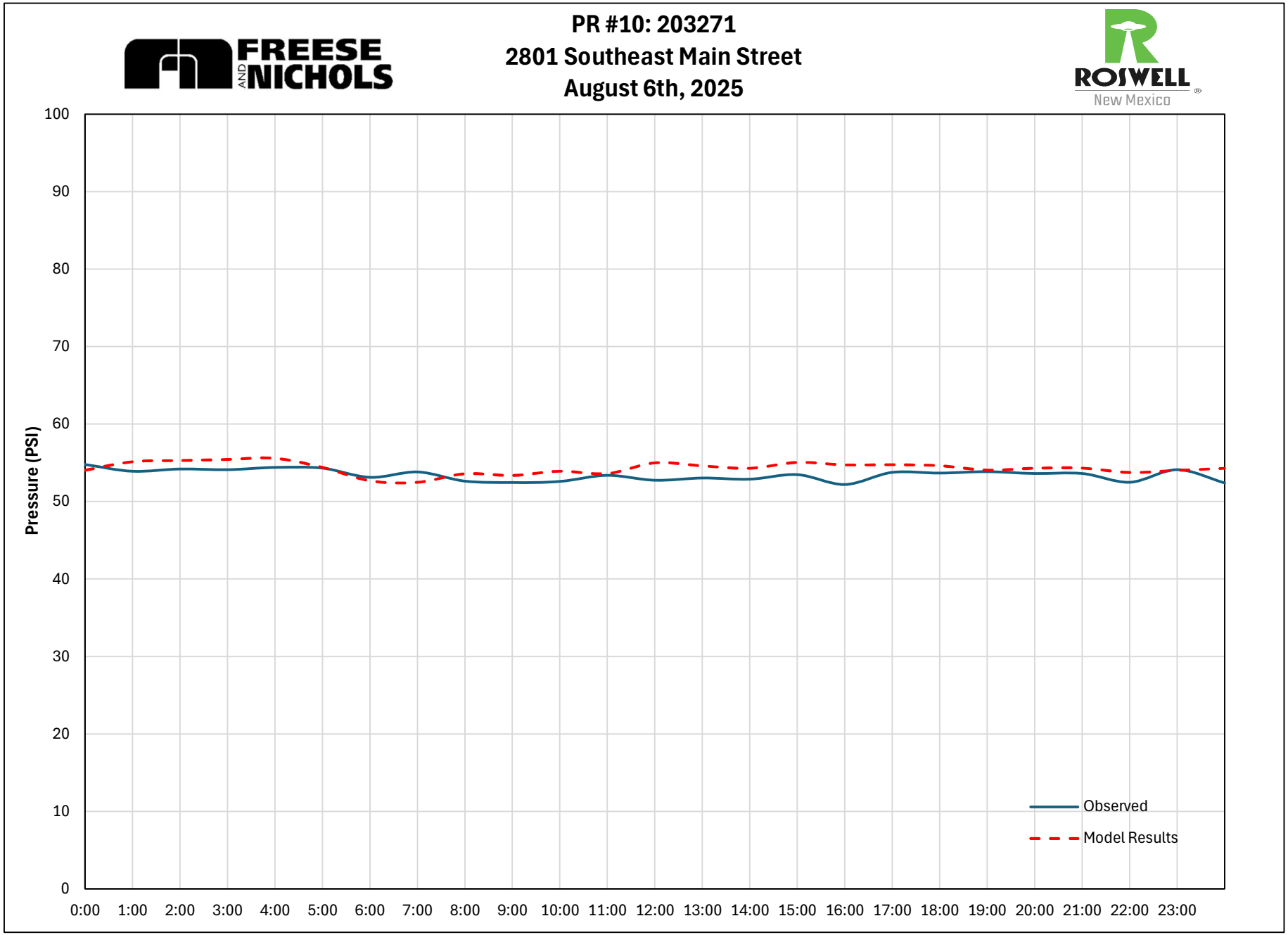


PR #9: 50202412

Lusk Drive and South Washington Avenue

August 6th, 2025

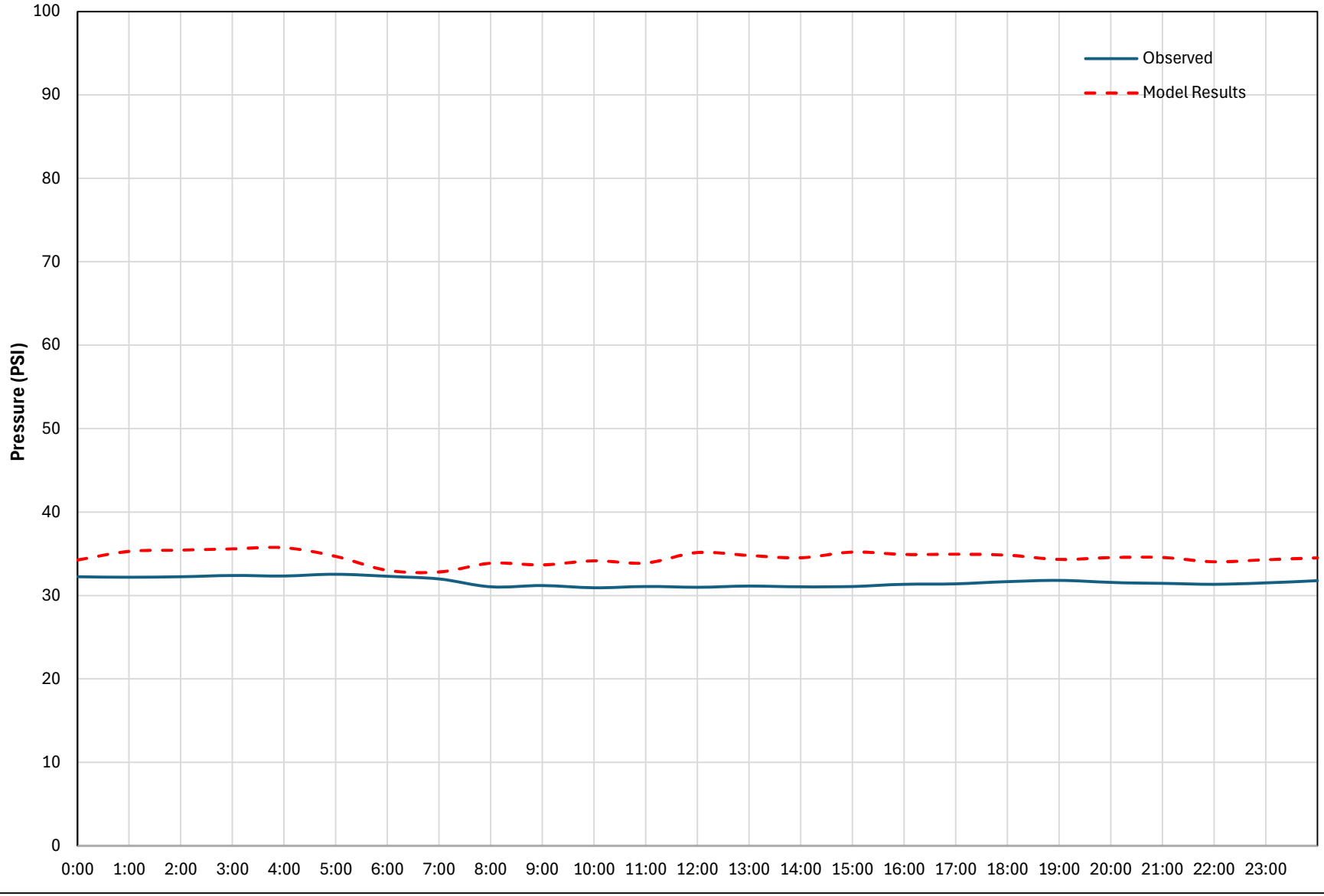



PR #10: 203271
2801 Southeast Main Street
August 6th, 2025
FREESE AND NICHOLS
ROSWELL New Mexico
Pressure (PSI)
100
90
80
70
60
50
40
30
20
10
0
0:00
1:00
2:00
3:00
4:00
5:00
6:00
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
Observed
Model Results

PR #11: 48202320

1200 W Hobbson Road

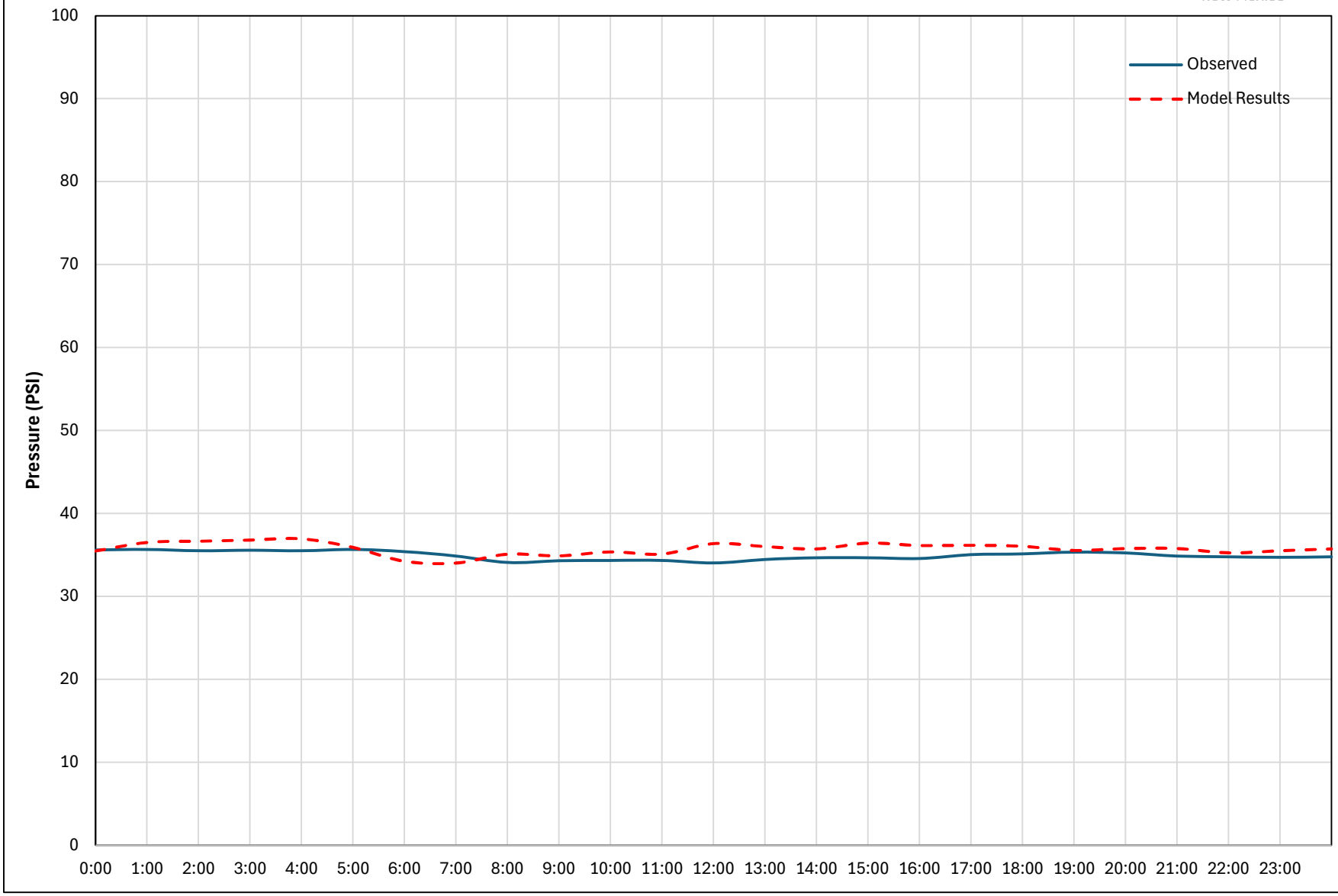
August 6th, 2025



PR #12: 44201849

903 West Hobbson Road

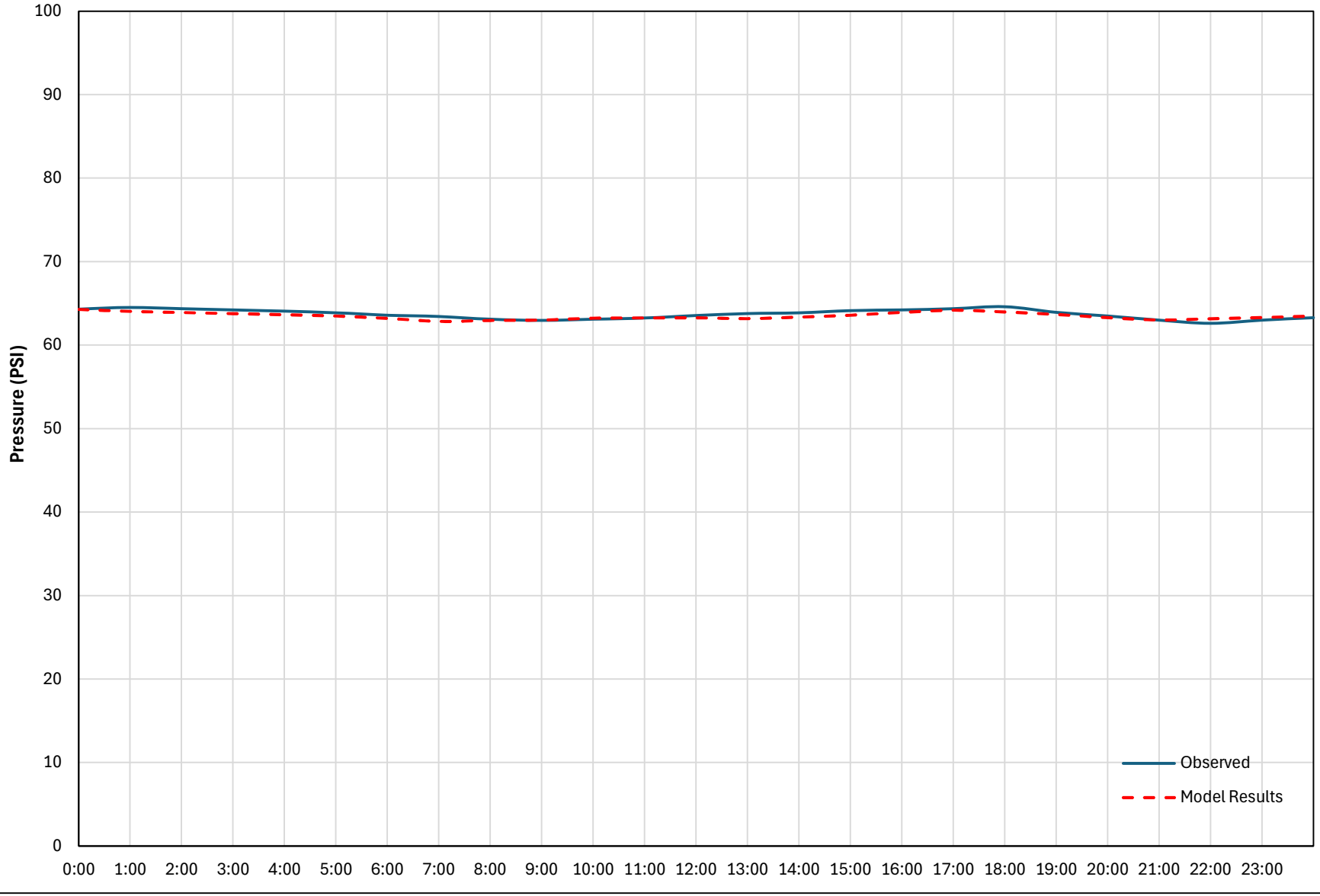
August 6th, 2025



PR # 13: 40201519

West Earl Cummings Loop

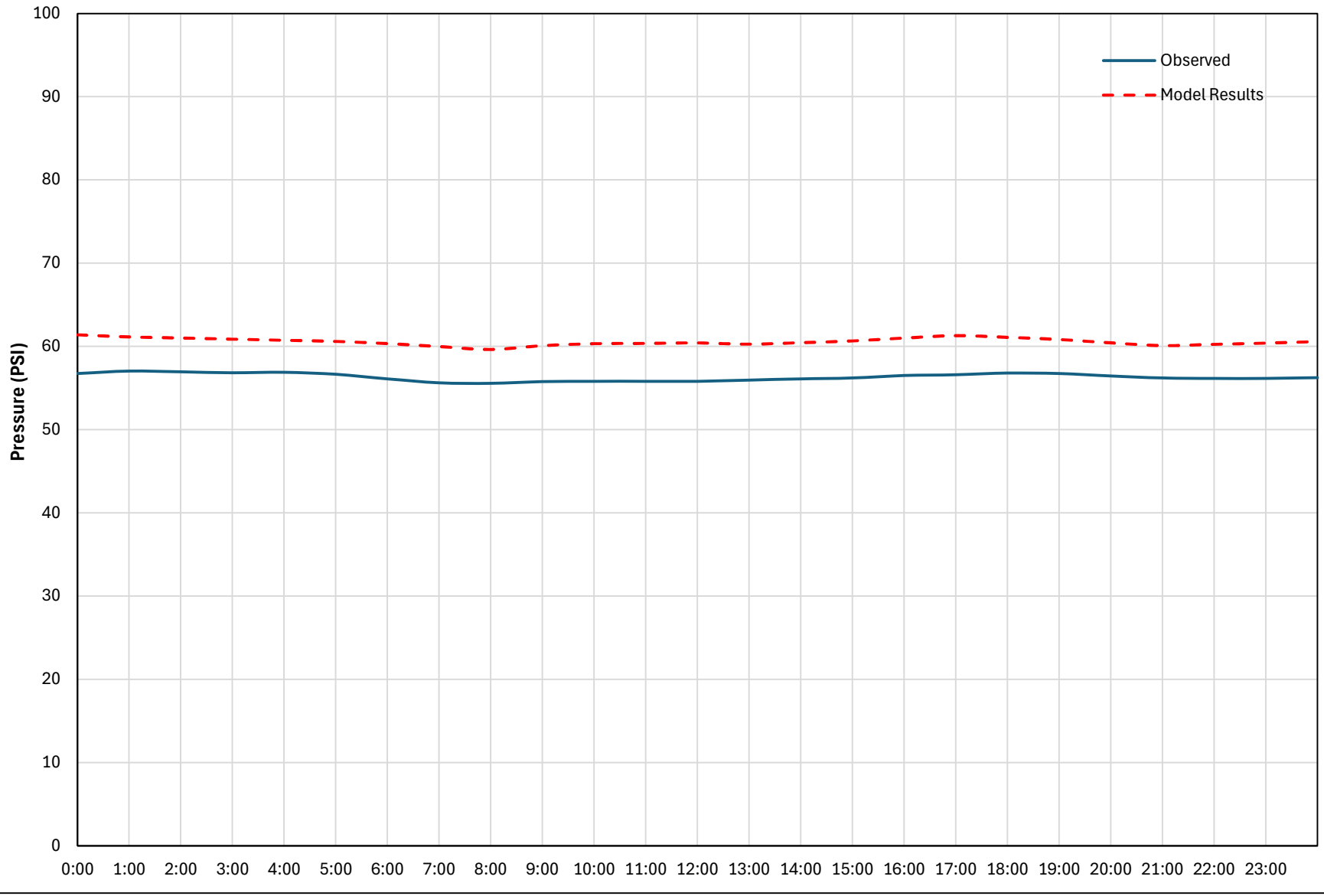
August 6th, 2025



PR #14: 32200836

42 West Earl Cummings Road

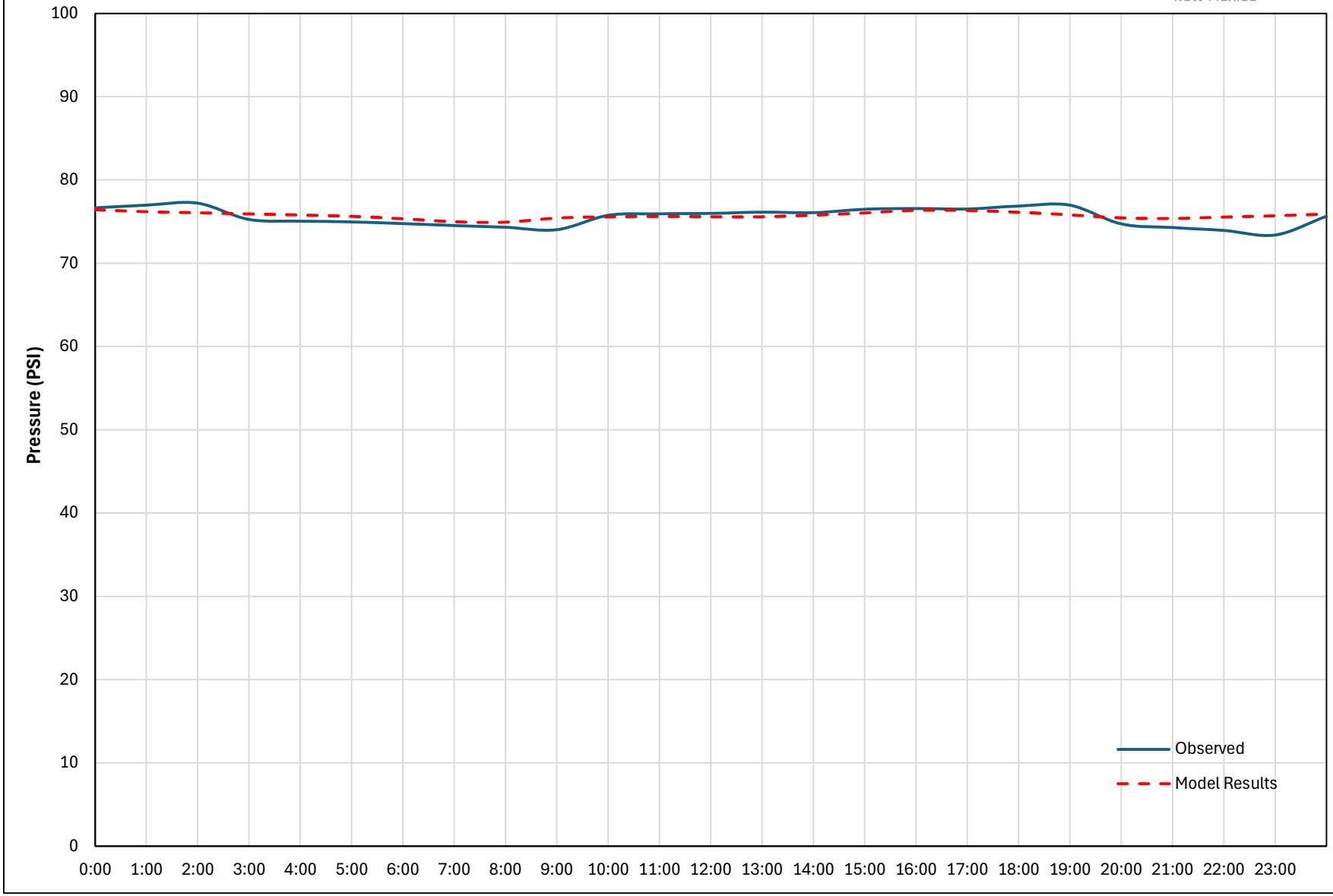
August 6th, 2025



PR #15: 206052

East Byrne Street & I Street

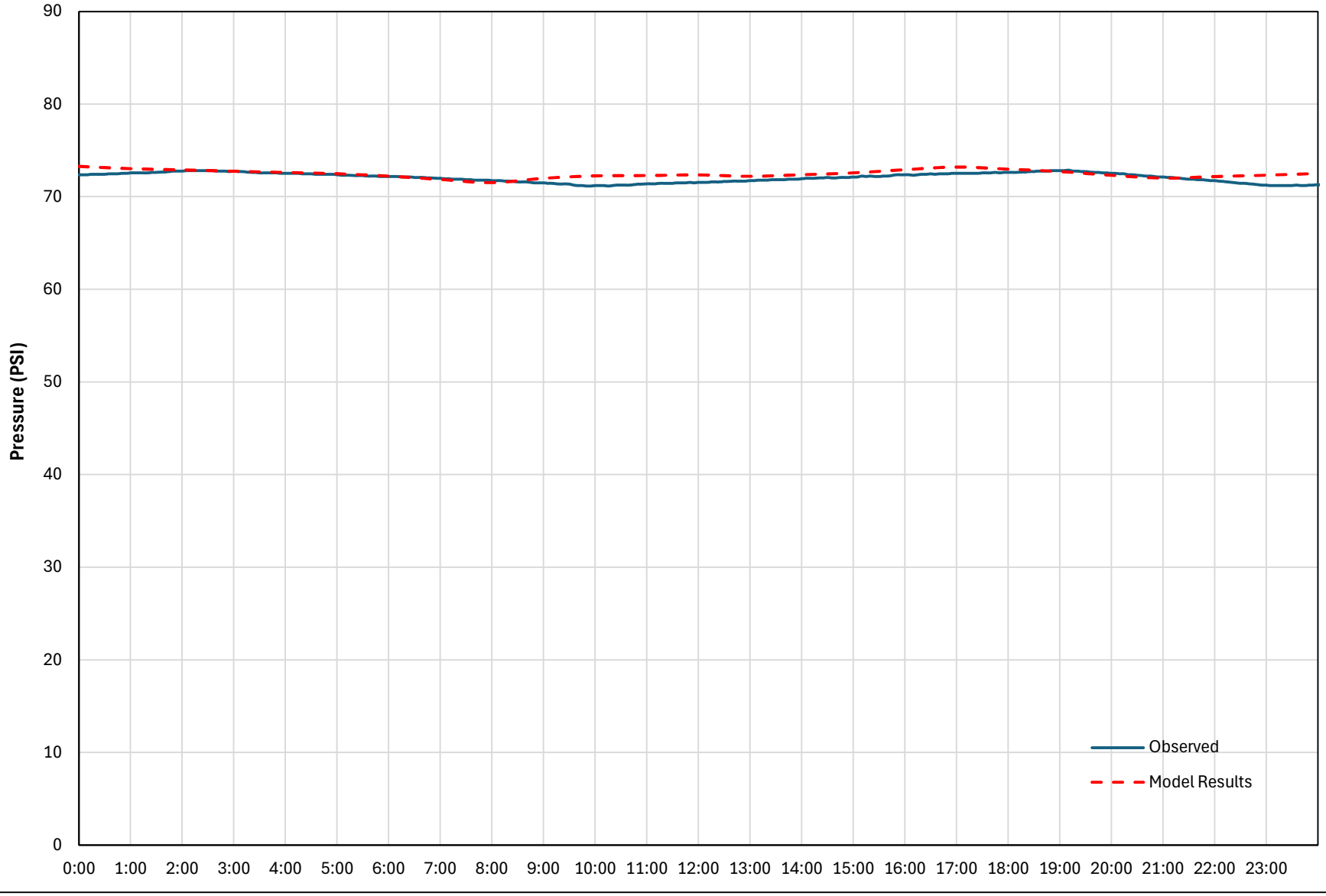
August 6th, 2025



PR #16: 203018

Earl Cummings Loop & East Gillis Street

August 6th, 2025



APPENDIX B
SITE VISIT INSPECTION SHEETS

Trigg Reservoir

Inspection Date: 3/4/2025-3/6/2025

Address: East of Old Hondo Channel Rd

Facility Information			
Install Year:	1979, Updated in 2019	Rated Pump Capacity (gpm):	-
Pressure Zone:	Trigg/Kerr	Total Pumping Capacity (gpm):	-
Force/Transmission Main Diameter (in):		Storage Capacity (MG):	0.1
Number of Pumps:	-	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Coating	5	25%	1.25	Exterior tank coating is in good condition. Interior coating is highly corroded and needs replacement.
Electrical – MCC, Back-up Power, Cables	2	10%	0.20	
Instrumentation - SCADA, Alarms, Controls	2	10%	0.20	
Structure - Hatches, Corrosion, Cracks, Leaking	5	25%	1.25	Structure has experienced corrosion due to historical high chlorine usage. Wells no longer inject chlorine at well site,
Piping and Valves	4	20%	0.80	
Site - Drainage, Access Drive, Security, Fencing	3	10%	0.30	Site location is in good condition. Drive to facilities is difficult and requires 4-wheel drive.
Condition Rating	-	100%	**4.00**	

Additional Notes:

TIC inspected the tank and found the inside to be corroded. It was recommende to the City by TIC the tank be drained and the inside be relined. Chlorine is no longer injected at the wells and is instead added at booster pump station.

Trigg #1 Production Well

Inspection Date: 3/4/2025-3/6/2025

Address: East of Old Hondo Channel Rd

Facility Information			
Install Year:	1980, Updated in 1993	Rated Pump Capacity (gpm):	1,350
Pressure Zone:	Trigg/Kerr	Total Pumping Capacity (gpm):	1,350
Force/Transmission Main Diameter (in):		Water Rights (gpm):	1,224
Number of Pumps:	1	Monitoring/SCADA:	
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	3	20%	0.60	Uses an oil feed for motor, oil lubed.
Electrical – MCC, Back-up Power, Cables	3	25%	0.75	No backup generator.
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	
Structure - Hatches, Corrosion, Cracks, Leaking	2	15%	0.30	
Piping and Valves	3	15%	0.45	
Site - Drainage, Access Drive, Security, Fencing	3	10%	0.30	
Condition Rating	-	100%	**2.70**	

Additional Notes:

Chlorine not injected at this well site, instead added at booster pump station.

Trigg #2 Production Well

Inspection Date: 3/4/2025-3/6/2025

Address: East of Old Hondo Channel Rd

Facility Information			
Install Year:	1978, Updated in 2005	Rated Pump Capacity (gpm):	1,275
Pressure Zone:	Trigg/Kerr	Total Pumping Capacity (gpm):	1,275
Force/Transmission Main Diameter (in):		Water Rights (gpm):	1,224
Number of Pumps:	1	Monitoring/SCADA:	
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	3	20%	0.60	
Electrical – MCC, Back-up Power, Cables	3	25%	0.75	No backup generator.
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	
Structure - Hatches, Corrosion, Cracks, Leaking	2	15%	0.30	
Piping and Valves	3	15%	0.45	
Site - Drainage, Access Drive, Security, Fencing	3	10%	0.30	
Condition Rating	-	100%	**2.70**	

Additional Notes:

Chlorine not injected at this well site, instead added at booster pump station.

Kerr #6 Production Well

Inspection Date: 3/4/2025-3/6/2025

Address: South Aspen Rd & Roswell In Air Center

Facility Information			
Install Year:	1972, Updated in 2011	Rated Pump Capacity (gpm):	1,900
Pressure Zone:	Trigg/Kerr	Total Pumping Capacity (gpm):	1,900
Force/Transmission Main Diameter (in):		Water Rights (gpm):	3,043
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	3	20%	0.60	No notable issues with pumps or motors.
Electrical – MCC, Back-up Power, Cables	4	25%	1.00	VFD planned for replacement. VFD burned up and is planned to be replaced.
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	
Structure - Hatches, Corrosion, Cracks, Leaking	3	15%	0.45	
Piping and Valves	3	15%	0.45	
Site - Drainage, Access Drive, Security, Fencing	3	10%	0.30	
Condition Rating	-	100%	**3.10**	

Additional Notes:

The valve to the Trigg Reservoir is located at this facility. Chlorine is not injected at this well site, instead added at booster pump station. Kerr #6 Well feeds to the Kerr Reservoir and is not pumped directly into the system.

Kerr #5 Production Well

Inspection Date: 3/4/2025-3/6/2025

Address: South Aspen Rd & Roswell In Air Center

Facility Information			
Install Year:	1970, Updated in 2001	Rated Pump Capacity (gpm):	1,900
Pressure Zone:	Trigg/Kerr	Total Pumping Capacity (gpm):	1,900
Force/Transmission Main Diameter (in):		Water Rights (gpm):	3,043
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	3	20%	0.60	No notable issues with pumps or motors.
Electrical – MCC, Back-up Power, Cables	3	25%	0.75	
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	
Structure - Hatches, Corrosion, Cracks, Leaking	2	15%	0.30	No leaks in structure, appears to be in good condition.
Piping and Valves	3	15%	0.45	
Site - Drainage, Access Drive, Security, Fencing	3	10%	0.30	Property maintained by airport and it located within the airport security gates.
Condition Rating	-	100%	**2.70**	

Additional Notes:

Kerr #1 Production Well

Inspection Date: 3/4/2025-3/6/2025

Address: East of Old Y O Crossing Rd

Facility Information			
Install Year:	1970, Updated in 1990	Rated Pump Capacity (gpm):	1,700
Pressure Zone:	Trigg/Kerr	Total Pumping Capacity (gpm):	1,700
Force/Transmission Main Diameter (in):		Water Rights (gpm):	3,043
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	4	20%	0.80	Motors have not been upgraded recently. Motors are not equipped with VFDs.
Electrical – MCC, Back-up Power, Cables	4	25%	1.00	Planning to replace soft start with VFD. No backup generator.
Instrumentation - SCADA, Alarms, Controls	3	15%	0.45	
Structure - Hatches, Corrosion, Cracks, Leaking	4	15%	0.60	Interior drains are clogged and don't properly drain for Kerr Wells #1 - #4.
Piping and Valves	3	15%	0.45	
Site - Drainage, Access Drive, Security, Fencing	3	10%	0.30	Site is gated, not on airport property.
Condition Rating	-	100%	**3.60**	

Additional Notes:

Kerr #2 Production Well

Inspection Date: 3/4/2025-3/6/2025

Address: East of Old Y O Crossing Rd

Facility Information			
Install Year:	1970, Updated in 1990	Rated Pump Capacity (gpm):	1,325
Pressure Zone:	Trigg/Kerr	Total Pumping Capacity (gpm):	1,325
Force/Transmission Main Diameter (in):		Water Rights (gpm):	3,043
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	5	20%	1.00	Pump has been turned off because motor needs to be replaced.
Electrical – MCC, Back-up Power, Cables	5	25%	1.25	VFD needs repair. VFD burned up and needs to be replaced. No backup generator
Instrumentation - SCADA, Alarms, Controls	3	15%	0.45	
Structure - Hatches, Corrosion, Cracks, Leaking	4	15%	0.60	Interior drains are clogged and don't properly drain for Kerr Wells #1 - #4.
Piping and Valves	3	15%	0.45	
Site - Drainage, Access Drive, Security, Fencing	2	10%	0.20	Extra electrified wire added around security fence to protect from animals.
Condition Rating	-	100%	**3.95**	

Additional Notes:

Chlorine tanks were removed due to pump being turned off.

Kerr #3 Production Well

Inspection Date: 3/4/2025-3/6/2025

Address: East of Old Y O Crossing Rd

Facility Information			
Install Year:	1970, Updated in 1997	Rated Pump Capacity (gpm):	1,025
Pressure Zone:	Trigg/Kerr	Total Pumping Capacity (gpm):	1,025
Force/Transmission Main Diameter (in):		Water Rights (gpm):	3,043
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	3	20%	0.60	No notable issues with pumps or motors.
Electrical – MCC, Back-up Power, Cables	3	25%	0.75	Planning to replace soft start with VFD. No backup generator.
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	
Structure - Hatches, Corrosion, Cracks, Leaking	4	15%	0.60	Interior drains are clogged and don't properly drain for Kerr Wells #1 - #4. Appears to be wood rot near roof vent.
Piping and Valves	2	15%	0.30	
Site - Drainage, Access Drive, Security, Fencing	2	10%	0.20	
Condition Rating	-	100%	**2.75**	

Additional Notes:

Facilities include a wellhead desander.

Kerr #4 Production Well

Inspection Date: 3/4/2025-3/6/2025

Address: East of Old Y O Crossing Rd

Facility Information			
Install Year:	1970, Updated in 2006	Rated Pump Capacity (gpm):	1,600
Pressure Zone:	Trigg/Kerr	Total Pumping Capacity (gpm):	1,600
Force/Transmission Main Diameter (in):		Water Rights (gpm):	3,043
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	2	20%	0.40	No VFD.
Electrical – MCC, Back-up Power, Cables	3	25%	0.75	Soft start. No backup generator
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	
Structure - Hatches, Corrosion, Cracks, Leaking	4	15%	0.60	Interior drains are clogged and don't properly drain for Kerr Wells #1 - #4.
Piping and Valves	2	15%	0.30	
Site - Drainage, Access Drive, Security, Fencing	2	10%	0.20	
Condition Rating	-	100%	**2.55**	

Additional Notes:

Kerr Reservoir

Inspection Date: 3/4/2025-3/6/2025 Address: 1200 W Hobson Road

Facility Information			
Install Year:	1979, Updated in 2020	Rated Pump Capacity (gpm):	-
Pressure Zone:	Trigg/Kerr	Total Pumping Capacity (gpm):	-
Force/Transmission Main Diameter (in):		Storage Capacity (MG):	3.52
Number of Pumps:	-	Monitoring/SCADA:	Level sensor
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Coating	2	25%	0.50	Exterior coating is 10 years old. Some rust observed on exterior coating.
Electrical – MCC, Back-up Power, Cables	2	10%	0.20	
Instrumentation - SCADA, Alarms, Controls	2	10%	0.20	SCADA is undergoing update
Structure - Hatches, Corrosion, Cracks, Leaking	1	25%	0.25	
Piping and Valves	1	20%	0.20	
Site - Drainage, Access Drive, Security, Fencing	1	10%	0.10	
Condition Rating	-	100%	**1.45**	

Additional Notes:

No sump pump in valve vault, need to drop in pump. Louis has TIC visual inspection of tank. Receives annual inspection and no issues reported with cathodic protection.

Kerr Booster Pump Station

Inspection Date: 3/4/2025-3/6/2025 Address: 1200 W Hobson Road

Facility Information			
Install Year:	6/1/1905	Rated Pump Capacity (gpm):	24,500
Pressure Zone:	Trigg/Kerr	Total Pumping Capacity (gpm):	24,500
Force/Transmission Main Diameter (in):		Storage Capacity (MG):	-
Number of Pumps:	5	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	One back up generator that powers central only.

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	3	20%	0.60	Five pumps total with three spare pumps.
Electrical – MCC, Back-up Power, Cables	3	25%	0.75	There is no backup power . There are filters on the electrical. Electircal is on a platform about one foot
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	Experiencing issue with SCADA after October 2024 flood event.
Structure - Hatches, Corrosion, Cracks, Leaking	1	15%	0.15	The structure/building is good and does not experience water infiltration during a rain event.
Piping and Valves	2	15%	0.30	
Site - Drainage, Access Drive, Security, Fencing	1	10%	0.10	The site is hot in the summer, but has coolers and it's secured by fence and gate.
Condition Rating	-	100%	**2.20**	

Additional Notes:

The bridge crane is broken. No back up power generation present at this site. Ask for pump data. City has a work order history of wells and pumps.

RIAC Booster Pump Station

Inspection Date: 3/4/2025-3/6/2025 Address: 106 W Byrne St

Facility Information			
Install Year:	4/23/1905	Rated Pump Capacity (gpm):	4,500
Pressure Zone:	RIAC	Total Pumping Capacity (gpm):	4,500
Force/Transmission Main Diameter (in):		Storage Capacity (MG):	-
Number of Pumps:	3	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No backup generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	5	20%	1.00	Seals are blown on all the pumps and all leak.
Electrical – MCC, Back-up Power, Cables	4	25%	1.00	Electircal is old, no backup generator.
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	SCADA is being worked on
Structure - Hatches, Corrosion, Cracks, Leaking	3	15%	0.45	Flat roof on the structure, no cuurent leaks. Room had water from larger rain event.
Piping and Valves	4	15%	0.60	
Site - Drainage, Access Drive, Security, Fencing	3	10%	0.30	
Condition Rating	-	100%	**3.65**	

Additional Notes:

There is room for one more pump at station. Stations feeds EST and base, and site is fenced and locked. There was a rain event in October of 2024 and some water got inside.

RIAC #4 Production Well

Inspection Date: 3/4/2025-3/6/2025

Address: 82 W Earl Cummings Loop

Facility Information			
Install Year:	1940, Updated in 2024	Rated Pump Capacity (gpm):	800
Pressure Zone:	RIAC	Total Pumping Capacity (gpm):	800
Force/Transmission Main Diameter (in):		Water Rights (gpm):	1,550
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors		20%		
Electrical – MCC, Back-up Power, Cables		25%		
Instrumentation - SCADA, Alarms, Controls		15%		
Structure - Hatches, Corrosion, Cracks, Leaking		15%		
Piping and Valves		15%		
Site - Drainage, Access Drive, Security, Fencing		10%		
Condition Rating	-	100%		

Additional Notes:

Currently being replaced with an entire rebuild. Cost of rebuild is around $460,000.

RIAC #4 Production Well

Inspection Date: 3/4/2025-3/6/2025

Address: 82 W Earl Cummings Loop

Facility Information			
Install Year:	1940, Updated in 2024	Rated Pump Capacity (gpm):	800
Pressure Zone:	RIAC	Total Pumping Capacity (gpm):	800
Force/Transmission Main Diameter (in):		Water Rights (gpm):	1,550
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors		20%		
Electrical – MCC, Back-up Power, Cables		25%		
Instrumentation - SCADA, Alarms, Controls		15%		
Structure - Hatches, Corrosion, Cracks, Leaking		15%		
Piping and Valves		15%		
Site - Drainage, Access Drive, Security, Fencing		10%		
Condition Rating	-	100%		

Additional Notes:

Currently being replaced with an entire rebuild. Cost of rebuild is around $460,000.

RIAC #1 Production Well

Inspection Date: 3/4/2025-3/6/2025 Address: 6005 E Challenger St

Facility Information			
Install Year:	7/13/1905	Rated Pump Capacity (gpm):	1,350
Pressure Zone:	RIAC	Total Pumping Capacity (gpm):	1,350
Force/Transmission Main Diameter (in):		Water Rights (gpm):	1,550
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	Has a generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	2	20%	0.40	Pumps, motors, etc installed in 2021.
Electrical – MCC, Back-up Power, Cables	2	25%	0.50	
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	Radio is working.
Structure - Hatches, Corrosion, Cracks, Leaking	2	15%	0.30	There is a chlorine room.
Piping and Valves	3	15%	0.45	Outside chlorine pipes froze last winter. There is usually heated wires.
Site - Drainage, Access Drive, Security, Fencing	2	10%	0.20	No leaks. Build on site structure.
Condition Rating	-	100%	**2.15**	

Additional Notes:

Disinfects with chlorine gas. Building and well were replaced. The generator is Cummins brand.

RIAC #3 Production Well

Inspection Date: 3/4/2025-3/6/2025 Address: 102 E Eyman St

Facility Information			
Install Year:	7/11/1905	Rated Pump Capacity (gpm):	875
Pressure Zone:	RIAC	Total Pumping Capacity (gpm):	875
Force/Transmission Main Diameter (in):		Water Rights (gpm):	1,550
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	2	20%	0.40	
Electrical – MCC, Back-up Power, Cables	2	25%	0.50	No backup generator.
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	
Structure - Hatches, Corrosion, Cracks, Leaking	2	15%	0.30	No freezing issues present. The hatch is the exhaust fan.
Piping and Valves	2	15%	0.30	
Site - Drainage, Access Drive, Security, Fencing	2	10%	0.20	Site has a low fence. A portion of the fence needs barbed wire after it was damaged during building and well
Condition Rating	-	100%	**2.00**	

Additional Notes:

Building and well were replaced. Located near Aersale. Jason at alpha southwest. Rich and urban?

RIAC Elevated Storage Tank

Inspection Date: 3/4/2025-3/6/2025 Address: 91 W Martin St

Facility Information			
Install Year:	May 2021	Rated Pump Capacity (gpm):	-
Pressure Zone:	RIAC	Total Pumping Capacity (gpm):	-
Force/Transmission Main Diameter (in):		Storage Capacity (MG):	0.8
Number of Pumps:	-	Monitoring/SCADA:	-
Pump Brand:	RIAC West	Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Coating	1	25%	0.25	
Electrical – MCC, Back-up Power, Cables	1	10%	0.10	
Instrumentation - SCADA, Alarms, Controls	2	10%	0.20	
Structure - Hatches, Corrosion, Cracks, Leaking	1	25%	0.25	
Piping and Valves	1	20%	0.20	Same as west (Mathis?).
Site - Drainage, Access Drive, Security, Fencing	1	10%	0.10	
Condition Rating	-	100%	**1.10**	

Additional Notes:

Built in 2021. Landmark tank. Once pit is full, overflows to the road.

Mathis Elevated Storage Tank

Inspection Date: 3/4/2025-3/6/2025 Address: 91 E Earl Cummings Loop

Facility Information			
Install Year:	7/13/1905	Rated Pump Capacity (gpm):	-
Pressure Zone:	RIAC East	Total Pumping Capacity (gpm):	-
Force/Transmission Main Diameter (in):		Storage Capacity (MG):	0.8
Number of Pumps:	-	Monitoring/SCADA:	
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Coating	1	25%	0.25	Concrete is painted.
Electrical – MCC, Back-up Power, Cables	1	10%	0.10	
Instrumentation - SCADA, Alarms, Controls	2	10%	0.20	SCADA goes to RIAC booster pump station and then goes to central to turn off and on.
Structure - Hatches, Corrosion, Cracks, Leaking	1	25%	0.25	
Piping and Valves	1	20%	0.20	
Site - Drainage, Access Drive, Security, Fencing	1	10%	0.10	
Condition Rating	-	100%	**1.10**	

Additional Notes:

In service May 2021. Landmark tank.

South of Roswell Well 12 Production Well

Inspection Date: 3/4/2025-3/6/2025 Address: 316 E Conner St

Facility Information			
Install Year:	1980, Updated in 2020	Rated Pump Capacity (gpm):	600
Pressure Zone:	Roswell	Total Pumping Capacity (gpm):	600
Force/Transmission Main Diameter (in):		Water Rights (gpm):	5,604
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:	Big ol pipe and valves	Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	2	20%	0.40	New-ish motors, VFD.
Electrical – MCC, Back-up Power, Cables	2	25%	0.50	
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	
Structure - Hatches, Corrosion, Cracks, Leaking	2	15%	0.30	Nice finished roof (internal).
Piping and Valves	2	15%	0.30	
Site - Drainage, Access Drive, Security, Fencing	2	10%	0.20	
Condition Rating	-	100%	**2.00**	

Additional Notes:

Well does house another pump for the cemetery sprinkler system.

South of Roswell Well 15 Production Well

Inspection Date: 3/4/2025-3/6/2025

Address: 2904 W Fruitland St

Facility Information			
Install Year:	1980, Updated in 2020	Rated Pump Capacity (gpm):	1,650
Pressure Zone:	Roswell	Total Pumping Capacity (gpm):	1,650
Force/Transmission Main Diameter (in):		Water Rights (gpm):	5,604
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	2	20%	0.40	
Electrical – MCC, Back-up Power, Cables	2	25%	0.50	Radio and control valves.
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	
Structure - Hatches, Corrosion, Cracks, Leaking	2	15%	0.30	Roof was rotted out. Continue to line roof and insulate.
Piping and Valves	2	15%	0.30	Pipe is not buried on discharge of injection. Lots of dirt in pipe vault, injection is inside gate.
Site - Drainage, Access Drive, Security, Fencing	4	10%	0.40	Lots of dirt in pipe vault, injection is inside gate.
Condition Rating	-	100%	**2.20**	

Additional Notes:

Site is dusty. Membrane/vinyl covering the roof which keeps out water.

South of Roswell Well 16 Production Well

Inspection Date: 3/4/2025-3/6/2025 Address: 2700 S Sunset Ave

Facility Information			
Install Year:	1980, Updated in 2014	Rated Pump Capacity (gpm):	2,500
Pressure Zone:	Roswell	Total Pumping Capacity (gpm):	2,500
Force/Transmission Main Diameter (in):		Water Rights (gpm):	5,604
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:	Nema Premium	Electrical Service:	
Horsepower:	200	Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	2	20%	0.40	
Electrical – MCC, Back-up Power, Cables	2	25%	0.50	Old but Good electrical.
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	Radio control works.
Structure - Hatches, Corrosion, Cracks, Leaking	4	15%	0.60	The dirtiest structure yet.
Piping and Valves	2	15%	0.30	
Site - Drainage, Access Drive, Security, Fencing	3	10%	0.30	Replace part of fence where broken. Good overall access.
Condition Rating	-	100%	**2.40**	

Additional Notes:

Site would benefit from spray foam to keep dirt out.

South of Roswell Well 17 Production Well

Inspection Date: 3/4/2025-3/6/2025 Address: 1900 S Sunset Ave

Facility Information			
Install Year:	1980, Updated in 2018	Rated Pump Capacity (gpm):	2,475
Pressure Zone:	Roswell	Total Pumping Capacity (gpm):	2,475
Force/Transmission Main Diameter (in):		Water Rights (gpm):	5,604
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	Has a generator- diesel

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	2	20%	0.40	Has VFD. Need to clean screen on motor.
Electrical – MCC, Back-up Power, Cables	2	25%	0.50	
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	
Structure - Hatches, Corrosion, Cracks, Leaking	2	15%	0.30	Insulation needed to help with the exhaust not running 24/7.
Piping and Valves	2	15%	0.30	
Site - Drainage, Access Drive, Security, Fencing	2	10%	0.20	
Condition Rating	-	100%	**2.00**	

Additional Notes:

Runs 24/7

South of Roswell Well 13 Production Well

Inspection Date: 3/4/2025-3/6/2025 Address: 900 W Wildy St

Facility Information			
Install Year:	1980, Updated in 2020	Rated Pump Capacity (gpm):	1,550
Pressure Zone:	Roswell	Total Pumping Capacity (gpm):	1,550
Force/Transmission Main Diameter (in):		Water Rights (gpm):	5,604
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	2	20%	0.40	Pretty new looking pump.
Electrical – MCC, Back-up Power, Cables	3	25%	0.75	No issues with electrical other than age.
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	Antenna works well.
Structure - Hatches, Corrosion, Cracks, Leaking	2	15%	0.30	There have been additions to the structure. Potentially add insultation? The ventilation doubles as a hatch
Piping and Valves	2	15%	0.30	Good, new.
Site - Drainage, Access Drive, Security, Fencing	3	10%	0.30	
Condition Rating	-	100%	**2.35**	

Additional Notes:

Some wood rot on old part of roof. Located near Valley View Elementary School.

Six Mile Hill Well 18 Production Well

Inspection Date: 3/4/2025-3/6/2025 Address: US-70 Truck Rd

Facility Information			
Install Year:	1980, Updated in 2020	Rated Pump Capacity (gpm):	1,000
Pressure Zone:	Roswell	Total Pumping Capacity (gpm):	1,000
Force/Transmission Main Diameter (in):		Water Rights (gpm):	5,000
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	2	20%	0.40	VFD on pump, there is blubber for well. Pump runs nonstop because radio alarm doesn't work.
Electrical – MCC, Back-up Power, Cables	3	25%	0.75	Motor leak at some point.
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	Radio does not work so pump runs nonstop. Antenna needs to be higher to reach signal.
Structure - Hatches, Corrosion, Cracks, Leaking	3	15%	0.45	Manual, don't shut it off.
Piping and Valves	3	15%	0.45	
Site - Drainage, Access Drive, Security, Fencing	2	10%	0.20	
Condition Rating	-	100%	**2.55**	

Additional Notes:

Trying to go to a digital gauge. Advance/denora instead of regal, prefer regal.

Six Mile Hill Well 10 Production Well

Inspection Date: 3/4/2025-3/6/2025 Address: 5005 Nettle Rd

Facility Information			
Install Year:	1970, Updated in 2020	Rated Pump Capacity (gpm):	1,750
Pressure Zone:	Roswell	Total Pumping Capacity (gpm):	1,750
Force/Transmission Main Diameter (in):		Water Rights (gpm):	5,000
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	Has a generator-diesel

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	2	20%	0.40	Has VFD
Electrical – MCC, Back-up Power, Cables	2	25%	0.50	
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	Radio control on top of control building.
Structure - Hatches, Corrosion, Cracks, Leaking	2	15%	0.30	
Piping and Valves	2	15%	0.30	
Site - Drainage, Access Drive, Security, Fencing	1	10%	0.10	
Condition Rating	-	100%	**1.90**	

Additional Notes:

Pumps are located outside, but chlorine is located inside. Pumps will likely be left outside. Generator powers wells 10, 11 and the tanks (alarms and such). A hotbox was added to keep the generator from freezing.

Six Mile Hill Well 11 Production Well

Inspection Date: 3/4/2025-3/6/2025 Address:

Facility Information			
Install Year:	1980, Updated in 2020	Rated Pump Capacity (gpm):	1,550
Pressure Zone:	Roswell	Total Pumping Capacity (gpm):	1,550
Force/Transmission Main Diameter (in):		Water Rights (gpm):	5,000
Number of Pumps:	1	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	Has a generator-diesel

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Pumps and Motors	2	20%	0.40	Has VFD, newish motors.
Electrical – MCC, Back-up Power, Cables	3	25%	0.75	
Instrumentation - SCADA, Alarms, Controls	2	15%	0.30	
Structure - Hatches, Corrosion, Cracks, Leaking	2	15%	0.30	
Piping and Valves	3	15%	0.45	Valve seal is leaking.
Site - Drainage, Access Drive, Security, Fencing	1	10%	0.10	City has not touched coating on pipe but it looks very good.
Condition Rating	-	100%	**2.30**	

Additional Notes:

Pumps are located outside, but chlorine is located inside. Pumps will likely be left outside. Generator powers wells 10, 11 and the tanks (alarms and such). A hotbox was added to keep the generator from freezing.

Third St Reservoir

Inspection Date: 3/4/2025-3/6/2025 Address: 5005 Nettle Rd

Facility Information			
Install Year:	1950, Updated in 2019	Rated Pump Capacity (gpm):	-
Pressure Zone:	Roswell	Total Pumping Capacity (gpm):	-
Force/Transmission Main Diameter (in):		Storage Capacity (MG):	3.50
Number of Pumps:	-	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Coating	5	25%	1.25	Coating needs sandblasting and recoating. Current coating may be too thin. Paint chipping on roof and rust on
Electrical – MCC, Back-up Power, Cables	3	10%	0.30	Has generator to power alarms.
Instrumentation - SCADA, Alarms, Controls	2	10%	0.20	Good.
Structure - Hatches, Corrosion, Cracks, Leaking	5	25%	1.25	
Piping and Valves	3	20%	0.60	Valve has never been utilized. May or may not work.
Site - Drainage, Access Drive, Security, Fencing	2	10%	0.20	
Condition Rating	-	100%	**3.80**	

Additional Notes:

On the top of the tank there is paint chippings and rust. Facility was built in 1950, there is lead potentially in paint. New Mexico Water performs safety inspections, not structural, OSHA compliant.

Country Club Reservoir (N) Reservoir

Inspection Date: 3/4/2025-3/6/2025 Address: 5018 Country Club Road

Facility Information			
Install Year:	1965, Updated in 1968	Rated Pump Capacity (gpm):	-
Pressure Zone:	Roswell	Total Pumping Capacity (gpm):	-
Force/Transmission Main Diameter (in):		Storage Capacity (MG):	7.52
Number of Pumps:	-	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Coating	3	25%	0.75	
Electrical – MCC, Back-up Power, Cables	3	10%	0.30	
Instrumentation - SCADA, Alarms, Controls	2	10%	0.20	
Structure - Hatches, Corrosion, Cracks, Leaking	3	25%	0.75	Cracks and mud dauber nests present, leaking.
Piping and Valves	3	20%	0.60	
Site - Drainage, Access Drive, Security, Fencing	3	10%	0.30	
Condition Rating	-	100%	**2.90**	

Additional Notes:

Site has concrete tanks. Site is shared between both country club reservoirs. South Country club reservoirs is currently being redone, north will follow after likely in November. Brown Rd marks the end of water service units. Project cost is around 8 million dollars.

Country Club Reservoir (S) Reservoir

Inspection Date: 3/4/2025-3/6/2025 Address: 5018 Country Club Road

Facility Information			
Install Year:	1965, Updated in 1968	Rated Pump Capacity (gpm):	-
Pressure Zone:	Roswell	Total Pumping Capacity (gpm):	-
Force/Transmission Main Diameter (in):		Storage Capacity (MG):	7.52
Number of Pumps:	-	Monitoring/SCADA:	-
Pump Brand:		Electrical Service:	
Horsepower:		Generator/Quick Connect:	No generator

City Score:

Scoring Guidelines	
1	New condition, no improvements recommended to maintain function
2	Good condition, minor improvements recommended to enhance performance
3	Fair condition, improvements recommended to improve performance or efficiency
4	Poor condition, improvements recommended to maintain reliability
5	Eminent failure, rehabilitation or replacement required

CONDITION ASSESSMENT

Component Group	Component Condition Rating	Weight Factor	Weighted Component Rating	Comments
Coating	1	25%	0.25	
Electrical – MCC, Back-up Power, Cables	2	10%	0.20	
Instrumentation - SCADA, Alarms, Controls	2	10%	0.20	
Structure - Hatches, Corrosion, Cracks, Leaking	1	25%	0.25	Surface cracks, but are being repaired on the inside. No leaks present during storm events.
Piping and Valves	1	20%	0.20	
Site - Drainage, Access Drive, Security, Fencing	1	10%	0.10	
Condition Rating	-	100%	**1.20**	

Additional Notes:

Facility is being refurbished on the inside, TMI coatings. Tanks are concrete, there are no pumps present.

APPENDIX C
FUTURE WATER SYSTEM MODELING RESULTS

Created By Freese and Nichols, Inc.
Job No.: RNM24817
Location: H:\W_WW_PLANNING\01_DELIVERABLES\00_DRAFT_REPORT\Draft_Report_PRO\Draft_Report_PRO.aprx\(Figure_6-3)-2030_Minimum_Pressures
Updated: Tuesday, September 22, 2026 11:15 AM
User Name: 04390

DRAFT FIGURE 6-3
CITY OF ROSWELL
2030 MINIMUM PRESSURES

Country Club Reservoirs
Third St Reservoir
Kerr Reservoir
Mathis Elevated Storage
RIAC Elevated Storage

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- PS Booster Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- Road
- Parcel
- City Limit
- Extra Territorial Zone

MINIMUM PRESSURES

- Less than 35 psi
- 35 - 55 psi
- 55 - 70 psi
- 70 - 85 psi
- Greater than 85 psi

FREESE AND NICHOLS

ROSWELL New Mexico

0 3,500
SCALE IN FEET

Created By Freese and Nichols, Inc.
Job No.: RNM24817
Location: H:\W_WW_PLANNING\01_DELIVERABLES\00_DRAFT_REPORT\Draft_Report_PRO\Draft_Report_PRO.aprx\(Figure_6-4)-2040_Minimum_Pressures
Updated: Tuesday, September 22, 2026 11:15 AM
User Name: 04390

DRAFT FIGURE 6-4
CITY OF ROSWELL
2040 MINIMUM PRESSURES

Country Club Reservoirs
Third St Reservoir
Kerr Reservoir
Mathis Elevated Storage
RIAC Elevated Storage

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- PS Booster Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- Road
- Parcel
- City Limit
- Extra Territorial Zone

MINIMUM PRESSURES

- Less than 35 psi
- 35 - 55 psi
- 55 - 70 psi
- 70 - 85 psi
- Greater than 85 psi

FREESE AND NICHOLS

ROSWELL New Mexico

0 3,500
SCALE IN FEET

Created By Freese and Nichols, Inc.
Job No.: RNM24817
Location: H:\W_WW_PLANNING\01_DELIVERABLES\00_DRAFT_REPORT\Draft_Report_PRO\Draft_Report_PRO.aprx\(Figure_6-5)-Buildout_Minimum_Pressures
Updated: Tuesday, September 22, 2026 11:15 AM
User Name: 04390

DRAFT FIGURE 6-5
CITY OF ROSWELL
BUILDOUT MINIMUM PRESSURES

Country Club Reservoirs
Third St Reservoir
Kerr Reservoir
Mathis Elevated Storage
RIAC Elevated Storage

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- PS Booster Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- Road
- Parcel
- City Limit
- Extra Territorial Zone

MINIMUM PRESSURES

- Less than 35 psi
- 35 - 55 psi
- 55 - 70 psi
- 70 - 80 psi
- Greater than 80 psi

FREESE AND NICHOLS

ROSWELL New Mexico

0 3,500
SCALE IN FEET

Created By Freese and Nichols, Inc.
Job No.: RNM24817
Location: H:\W_WW_PLANNING\01_DELIVERABLES\00_DRAFT_REPORT\Draft_Report_PRO\Draft_Report_PRO.aprx\(Figure_6-6)-2030_Available_FF
Updated: Tuesday, September 22, 2026 11:16 AM
User Name: 04390

Country Club Reservoirs
Third St Reservoir
Kerr Reservoir
Mathis Elevated Storage
RIAC Elevated Storage

DRAFT FIGURE 6-6

CITY OF ROSWELL

2030 AVAILABLE FIREFLOW

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- Booster Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- City Limit
- Highway
- Road
- Parcel
- Extra Territorial Zone

AVAILABLE FIREFLOW

- Less than 500 gpm
- 500 - 1,500 gpm
- 1,500 - 2,500 gpm
- 2,500 - 3,500 gpm
- Greater than 3,500 gpm

FREESE AND NICHOLS

ROSWELL New Mexico

0 3,500
SCALE IN FEET

Created By Freese and Nichols, Inc.
Job No.: RNM24817
Location: H:\W_WW_PLANNING\01_DELIVERABLES\00_DRAFT_REPORT\Draft_Report_PRO\Draft_Report_PRO.aprx\(Figure_6-7)-2040_Available_FF
Updated: Tuesday, September 22, 2026 11:17 AM
User Name: 04390

Country Club Reservoirs
Third St Reservoir
Kerr Reservoir
Mathis Elevated Storage
RIAC Elevated Storage

DRAFT FIGURE 6-7

CITY OF ROSWELL

2040 AVAILABLE FIREFLOW

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- Booster Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- City Limit
- Highway
- Road
- Parcel
- Extra Territorial Zone

AVAILABLE FIREFLOW

- Less than 500 gpm
- 500 - 1,500 gpm
- 1,500 - 2,500 gpm
- 2,500 - 3,500 gpm
- Greater than 3,500 gpm

FREESE AND NICHOLS

ROSWELL New Mexico

0 3,500
SCALE IN FEET

Created By Freese and Nichols, Inc.
Job No.: RNM24817
Location: H:\W_WW_PLANNING\01_DELIVERABLES\00_DRAFT_REPORT\Draft_Report_PRO\Draft_Report_PRO.aprx\(Figure_6-8)-Buildout_Available_FF
Updated: Tuesday, September 22, 2026 11:18 AM
User Name: 04390

DRAFT FIGURE 6-8
CITY OF ROSWELL
BUILDOUT AVAILABLE FIREFLOW

Country Club Reservoirs
Third St Reservoir
Kerr Reservoir
Mathis Elevated Storage
RIAC Elevated Storage

LEGEND

- Ground Storage Tank
- Elevated Storage Tank
- Booster Pump Station
- Well
- 10" and Smaller Water Line
- 12" and Larger Water Line
- City Limit
- Highway
- Road
- Parcel
- Extra Territorial Zone

AVAILABLE FIREFLOW

- Less than 500 gpm
- 500 - 1,500 gpm
- 1,500 - 2,500 gpm
- 2,500 - 3,500 gpm
- Greater than 3,500 gpm

FREESE AND NICHOLS

ROSWELL New Mexico

0 3,500
SCALE IN FEET

APPENDIX D
WATER CAPITAL IMPROVEMENT PLAN COST ESTIMATES

DRAFT

City of Roswell
CIP Cost Summary

Project Number	Project Name	Cost
Short Term Projects		
1	SCADA System Update	$ 312,000
2	Kerr #6 Well Rehabilitation	$ 23,400
3	Kerr #1 Well Rehabilitation	$ 85,800
4	Kerr #2 Well Rehabilitation	$ 85,800
5	RIAC Booster Pump Station Rehabilitation	$ 358,800
6	8-inch Montana Avenue Pipeline Replacement	$ 5,833,500
7	8-inch Kelly Place Pipeline Replacement	$ 3,384,600
8	12-inch North Main Street Pipeline Replacement	$ 3,260,000
9	10-inch Hobbs Street Pipeline Replacement	$ 7,590,200
	Short Term Total	**$ 20,934,100**
Intermediate Projects		
10	Trigg Reservoir Rehabilitation	$ 156,000
11	Third Street Reservoir Rehabilitation	$ 546,000
12	RIAC #5 Well Rehabilitation	$ 62,400
13	8-inch Union Avenue Pipeline Replacement	$ 1,533,800
14	8-inch Vista Parkway Pipeline Replacement	$ 4,648,700
15	8-inch Garden Avenue Pipeline Replacement	$ 7,236,600
16	8-inch S Grand Avenue Pipeline Replacement	$ 4,936,200
	Intermediate Total	**$ 19,119,700**
Long Term Projects		
17	8-inch Chrysler Place Pipeline Replacement	$ 916,700
18	8-inch College Boulevard Pipeline Replacement	$ 988,500
19	8-inch Petro Drive Pipeline Replacement	$ 1,665,500
20	8-inch W 8th Street Pipeline Replacement	$ 6,475,800
21	8-inch Hendricks Street Pipeline Replacement	$ 1,875,200
22	Trigg Reservoir Demolition	$ 117,000
	Long Term Total	**$ 12,038,700**
	CIP Total	**$ 52,092,500**

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 1 — **Phase:** short

Project Name: SCADA System Update

Project Description:

This project is to update and repair the water SCADA system.

Project Drivers:

The SCADA system has been non-operational and the system is currently monitored and operated manually. This project is needed to collect historical operational data and assist in remote operations of the water system.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	SCADA System Improvements	1	LS	$ 200,000	$ 200,000
				SUBTOTAL:	**$ 200,000**
				CONTINGENCY 30%	$ 60,000
				SUBTOTAL:	**$ 260,000**
				ENG/SURVEY 20%	$ 52,000
				SUBTOTAL:	**$ 312,000**
				Estimated Project Total:	**$ 312,000**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 2 — **Phase:** short

Project Name: Kerr #6 Well Rehabilitation

Project Description:

This project replaces the VFD at the Kerr #6 Well.

Project Drivers:

The Kerr #6 Well operates with a VFD, however the VFD needs to be replaced. This project is needed to operate the Kerr #6 Well.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	New Variable Frequency Drive	1	LS	$ 15,000	$ 15,000
				SUBTOTAL:	**$ 15,000**
		CONTINGENCY		30%	$ 4,500
				SUBTOTAL:	**$ 19,500**
		ENG/SURVEY		20%	$ 3,900
				SUBTOTAL:	**$ 23,400**
				Estimated Project Total:	**$ 23,400**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 3 — **Phase:** short

Project Name: Kerr #1 Well Rehabilitation

Project Description:

This project updates the Kerr #1 Well motor and replaces the current soft start control with a VFD.

Project Drivers:

The Kerr #1 Well motor needs to be upgraded, with a VFD installed. This project is needed to operate the Kerr #1 Well.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	New Pump Motor	1	LS	$ 40,000	$ 40,000
2	New Variable Frequency Drive	1	LS	$ 15,000	$ 15,000
				SUBTOTAL:	**$ 55,000**
			CONTINGENCY	30%	$ 16,500
				SUBTOTAL:	**$ 71,500**
			ENG/SURVEY	20%	$ 14,300
				SUBTOTAL:	**$ 85,800**
				Estimated Project Total:	**$ 85,800**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 4 — **Phase:** short

Project Name: Kerr #2 Well Rehabilitation

Project Description:

This project updates the Kerr #2 Well motor and replaces the VFD.

Project Drivers:

The Kerr #2 Well motor needs to be replaced, as well as the VFD. The pump is currently turned off due to the motor issues. This project is needed to operate the Kerr #2 Well.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	New Pump Motor	1	LS	$ 40,000	$ 40,000
2	New Variable Frequency Drive	1	LS	$ 15,000	$ 15,000
				SUBTOTAL:	**$ 55,000**
		CONTINGENCY		30%	$ 16,500
				SUBTOTAL:	**$ 71,500**
		ENG/SURVEY		20%	$ 14,300
				SUBTOTAL:	**$ 85,800**
				Estimated Project Total:	**$ 85,800**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 5 — **Phase:** short

Project Name: RIAC Booster Pump Station Rehabilitation

Project Description:

This project repairs the pump seals to prevent leaking on the RIAC Booster Pump Station pumps.

Project Drivers:

All pumps at the RIAC Booster Pump Station are leaking and need replacement seals.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Pump Improvements (Pump Seals, Site Improvements)	3	LS	$ 10,000	$ 30,000
2	Misc. Electrical Improvements	1	LS	$ 200,000	$ 200,000
				SUBTOTAL:	**$ 230,000**
		CONTINGENCY		30%	$ 69,000
				SUBTOTAL:	**$ 299,000**
		ENG/SURVEY		20%	$ 59,800
				SUBTOTAL:	**$ 358,800**
				Estimated Project Total:	**$ 358,800**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 6 — **Phase:** short

Project Name: 8-inch Montana Avenue Pipeline Replacement

Project Description:

This project replaces the existing water lines along West 1st Street, West Walnut Street, West Tilden Street, West Alameda Street, West Hendricks Street, and West Albuquerque Street.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	12" WL & Appurtenances	3,330	LF	$ 276	$ 919,080
2	8" WL & Appurtenances	5,610	LF	$ 184	$ 1,032,240
3	Asphalt Pavement Repair	8,940	LF	$ 200	$ 1,788,000
				SUBTOTAL:	**$ 3,739,400**
		CONTINGENCY		30%	$ 1,121,900
				SUBTOTAL:	**$ 4,861,300**
		ENG/SURVEY		20%	$ 972,300
				SUBTOTAL:	**$ 5,833,600**
				Estimated Project Total:	**$ 5,833,600**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 7 — **Phase:** short

Project Name: 8-inch Kelly Place Pipeline Replacement

Project Description:

This project replaces the existing water lines along Hollowan Place, Kelly Place, and B Street.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	8" WL & Appurtenances	5,650	LF	$ 184	$ 1,039,600
2	Asphalt Pavement Repair	5,650	LF	$ 200	$ 1,130,000
				SUBTOTAL:	**$ 2,169,600**
				CONTINGENCY 30%	$ 650,900
				SUBTOTAL:	**$ 2,820,500**
				ENG/SURVEY 20%	$ 564,100
				SUBTOTAL:	**$ 3,384,600**
				Estimated Project Total:	**$ 3,384,600**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 8 — **Phase:** short

Project Name: 12-inch North Main Street Pipeline Replacement

Project Description:

This project replaces the existing water lines along North Main Street from East 8th Street to East Alameda Street.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	12" WL & Appurtenances	4,390	LF	$ 276	$ 1,211,640
2	Asphalt Pavement Repair	4,390	LF	$ 200	$ 878,000
				SUBTOTAL:	**$ 2,089,700**
				CONTINGENCY 30%	$ 627,000
				SUBTOTAL:	**$ 2,716,700**
				ENG/SURVEY 20%	$ 543,400
				SUBTOTAL:	**$ 3,260,100**
				Estimated Project Total:	**$ 3,260,100**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 9 — **Phase:** short

Project Name: 10-inch Hobbs Street Pipeline Replacement

Project Description:

This project replaces the existing water lines along North Garden Avenue, from Tierra Berrenda Drive to East Berrendo Road, as well as water lines along Mission Arch Drive, Sunrise Road, Twin Diamond Road, Swinging Spear Road, and Broken Arrow Road.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	12" WL & Appurtenances	1,170	LF	$ 276	$ 322,920
2	8" WL & Appurtenances	11,220	LF	$ 184	$ 2,064,480
3	Asphalt Pavement Repair	12,390	LF	$ 200	$ 2,478,000
				SUBTOTAL:	**$ 4,865,400**
		CONTINGENCY		30%	$ 1,459,700
				SUBTOTAL:	**$ 6,325,100**
		ENG/SURVEY		20%	$ 1,265,100
				SUBTOTAL:	**$ 7,590,200**
				Estimated Project Total:	**$ 7,590,200**

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 10 — **Phase: medium**

Project Name: Trigg Reservoir Rehabilitation

Project Description:

This project involves recoating the interior of the Trigg Reservoir and associated site improvements.

Project Drivers:

The 0.1 MG Trigg Reservoir is in poor condition. The interior coating is reportedly highly corroded. The structure has experienced corrosion due to historical high chlorine usage, though chlorine is no longer injected at the Trigg Well sites.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Interior Recoating, Misc. Tank Improvements	1	LS	$ 100,000	$ 100,000
				SUBTOTAL:	**$ 100,000**
				CONTINGENCY 30%	$ 30,000
				SUBTOTAL:	**$ 130,000**
				ENG/SURVEY 20%	$ 26,000
				SUBTOTAL:	**$ 156,000**
				Estimated Project Total:	**$ 156,000**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 11 — **Phase:** medium

Project Name: Third Street Reservoir Rehabilitation

Project Description:

This project is to re-coat the Third Street Reservoir.

Project Drivers:

The exterior coating needs sandblasting and re-coating. Current coating appears to be too thin and rusting in some areas.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Sandblasting, Recoating, Misc. Tank Improvements	1	LS	$ 350,000	$ 350,000
				SUBTOTAL:	**$ 350,000**
				CONTINGENCY 30%	$ 105,000
				SUBTOTAL:	**$ 455,000**
				ENG/SURVEY 20%	$ 91,000
				SUBTOTAL:	**$ 546,000**
				Estimated Project Total:	**$ 546,000**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 12 — **Phase:** medium

Project Name: RIAC #5 Well Rehabilitation

Project Description:

This project replaces the RIAC #5 Well motor.

Project Drivers:

The Kerr #5 Well motor needs to be replaced to operate the RIAC #5 well.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	New Pump Motor	1	LS	$ 40,000	$ 40,000
				SUBTOTAL:	**$ 40,000**
				CONTINGENCY 30%	$ 12,000
				SUBTOTAL:	**$ 52,000**
				ENG/SURVEY 20%	$ 10,400
				SUBTOTAL:	**$ 62,400**
				Estimated Project Total:	**$ 62,400**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 13 — **Phase: medium**

Project Name: **8-inch Union Avenue Pipeline Replacement**

Project Description:

This project replaces the existing water lines along South Union Avenue.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	8" WL & Appurtenances	2,560	LF	$ 184	$ 471,040
2	Asphalt Pavement Repair	2,560	LF	$ 200	$ 512,000
				SUBTOTAL:	**$ 983,100**
				CONTINGENCY 30%	$ 295,000
				SUBTOTAL:	**$ 1,278,100**
				ENG/SURVEY 20%	$ 255,700
				SUBTOTAL:	**$ 1,533,800**
				Estimated Project Total:	**$ 1,533,800**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 14 — **Phase:** medium

Project Name: 8-inch Vista Parkway Pipeline Replacement

Project Description:

This project replaces the existing water lines along North Delicado Drive, Encanto Drive, Futura Drive, and North Garden Avenue.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	8" WL & Appurtenances	7,760	LF	$ 184	$ 1,427,840
2	Asphalt Pavement Repair	7,760	LF	$ 200	$ 1,552,000
				SUBTOTAL:	**$ 2,979,900**
				CONTINGENCY 30%	$ 894,000
				SUBTOTAL:	**$ 3,873,900**
				ENG/SURVEY 20%	$ 774,800
				SUBTOTAL:	**$ 4,648,700**
				Estimated Project Total:	**$ 4,648,700**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 15 — **Phase:** medium

Project Name: 8-inch Garden Avenue Pipeline Replacement

Project Description:

This project replaces the existing water lines along East Hobbs Street, South Monroe Aveneue, Stanton Avenue, and Jackson Avenue, and South Garden Avenue.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	8" WL & Appurtenances	12,080	LF	$ 184	$ 2,222,720
2	Asphalt Pavement Repair	12,080	LF	$ 200	$ 2,416,000
				SUBTOTAL:	**$ 4,638,800**
				CONTINGENCY 30%	$ 1,391,700
				SUBTOTAL:	**$ 6,030,500**
				ENG/SURVEY 20%	$ 1,206,100
				SUBTOTAL:	**$ 7,236,600**
				Estimated Project Total:	**$ 7,236,600**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 16 — **Phase:** medium

Project Name: 8-inch S Grand Avenue Pipeline Replacement

Project Description:

This project replaces the existing water lines along South Grand Avenue, East Bonney Street, East Lewis Street, and East Hervey Street.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	8" WL & Appurtenances	8,240	LF	$ 184	$ 1,516,160
2	Asphalt Pavement Repair	8,240	LF	$ 200	$ 1,648,000
				SUBTOTAL:	**$ 3,164,200**
				CONTINGENCY 30%	$ 949,300
				SUBTOTAL:	**$ 4,113,500**
				ENG/SURVEY 20%	$ 822,700
				SUBTOTAL:	**$ 4,936,200**
				Estimated Project Total:	**$ 4,936,200**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 17 — **Phase:** medium

Project Name: 8-inch Chrysler Place Pipeline Replacement

Project Description:

This project replaces the existing water lines along Chrysler Place.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Vicinity Map

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	8" WL & Appurtenances	1,530	LF	$ 184	$ 281,520
2	Asphalt Pavement Repair	1,530	LF	$ 200	$ 306,000
				SUBTOTAL:	**$ 587,600**
				CONTINGENCY 30%	$ 176,300
				SUBTOTAL:	**$ 763,900**
				ENG/SURVEY 20%	$ 152,800
				SUBTOTAL:	**$ 916,700**
				Estimated Project Total:	**$ 916,700**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 18 — **Phase:** long

Project Name: 8-inch College Boulevard Pipeline Replacement

Project Description:

This project replaces the existing water lines along North Pennsylvania Avenue from West College Bulevard to West 11th Street.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	8" WL & Appurtenances	1,650	LF	$ 184	$ 303,600
2	Asphalt Pavement Repair	1,650	LF	$ 200	$ 330,000
				SUBTOTAL:	**$ 633,600**
		CONTINGENCY		30%	$ 190,100
				SUBTOTAL:	**$ 823,700**
		ENG/SURVEY		20%	$ 164,800
				SUBTOTAL:	**$ 988,500**
				Estimated Project Total:	**$ 988,500**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 19 — **Phase:** long

Project Name: 8-inch Petro Drive Pipeline Replacement

Project Description:

This project replaces the existing water lines along East College Bulevard from North Grand Avenue to North Garden Avenue.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	8" WL & Appurtenances	2,780	LF	$ 184	$ 511,520
2	Asphalt Pavement Repair	2,780	LF	$ 200	$ 556,000
				SUBTOTAL:	**$ 1,067,600**
				CONTINGENCY 30%	$ 320,300
				SUBTOTAL:	**$ 1,387,900**
				ENG/SURVEY 20%	$ 277,600
				SUBTOTAL:	**$ 1,665,500**
				Estimated Project Total:	**$ 1,665,500**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 20 — **Phase:** long

Project Name: 8-inch W 8th Street Pipeline Replacement

Project Description:

This project replaces the existing water lines along West 8th Street, Mullis Avenue, Hall Drive, and Moore Avenue.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	8" WL & Appurtenances	10,810	LF	$ 184	$ 1,989,040
2	Asphalt Pavement Repair	10,810	LF	$ 200	$ 2,162,000
				SUBTOTAL:	**$ 4,151,100**
				CONTINGENCY 30%	$ 1,245,400
				SUBTOTAL:	**$ 5,396,500**
				ENG/SURVEY 20%	$ 1,079,300
				SUBTOTAL:	**$ 6,475,800**
				Estimated Project Total:	**$ 6,475,800**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 21 — **Phase:** long

Project Name: 8-inch Hendricks Street Pipeline Replacement

Project Description:

This project replaces the existing water lines along Hinkle Street, East Hendricks Street, and East Tilden Street.

Project Drivers:

This project is recommended to address leaks detected within the water distribution system. This project repairs pipe that is suspected to have aged past its useful service life and is necessary to provide safe, reliable water service to customers.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	8" WL & Appurtenances	3,130	LF	$ 184	$ 575,920
2	Asphalt Pavement Repair	3,130	LF	$ 200	$ 626,000
				SUBTOTAL:	**$ 1,202,000**
				CONTINGENCY 30%	$ 360,600
				SUBTOTAL:	**$ 1,562,600**
				ENG/SURVEY 20%	$ 312,600
				SUBTOTAL:	**$ 1,875,200**
				Estimated Project Total:	**$ 1,875,200**

Comments:

City of Roswell

DRAFT Capital Improvement Cost Estimate — **October 8, 2026**

Construction Project Number: 22 — **Phase:** long

Project Name: Trigg Reservoir Demolition

Project Description:

This project demolishes the existing Trigg Reservoir.

Project Drivers:

Preliminary hydraulic analysis has indicated that the 0.1 MG Trigg Reservoir is not required to convey water from the Trigg wells to the Kerr reservoir.

Opinion of Probable Construction Cost

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Decommission Trigg Reservoir	1	LS	$ 50,000	$ 50,000
2	Misc. Site Work	1	LS	$ 25,000	$ 25,000
				SUBTOTAL:	**$ 75,000**
				CONTINGENCY 30%	$ 22,500
				SUBTOTAL:	**$ 97,500**
				ENG/SURVEY 20%	$ 19,500
				SUBTOTAL:	**$ 117,000**
				Estimated Project Total:	**$ 117,000**

Comments:

Infrastructure Committee

Meeting Date: 10/19/2026

COMMITTEE: Infrastructure

CONTACT: James MacCornack **CHAIR:** Darrell Johnson

ACTION REQUESTED:

Discussion regarding Purple Wave Auction.

STAFF RECOMMENDATION:

Change online auction companies from Public Surplus to Purple Wave Auction.

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 4.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:

Department Report - Solid Waste & Fleet

Attachments

Fleet Monthly Report - September
Solid Waste Monthly Report - September

ROSWELL
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Fleet Monthly Report

Sanitation

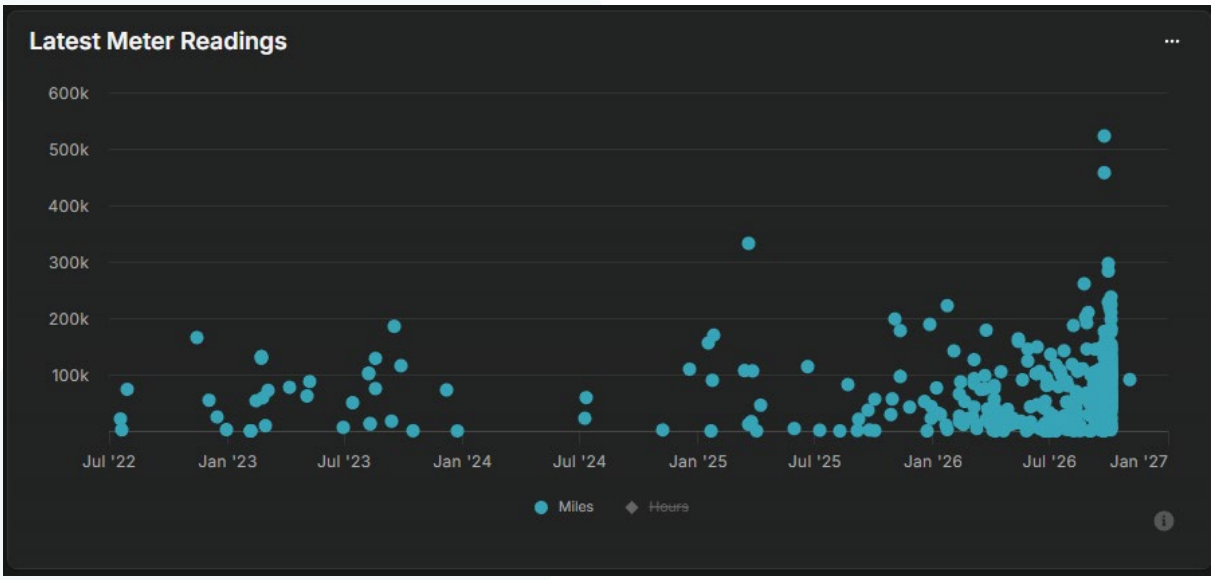
The City of Roswell has 669 vehicles, and equipment registered in Fleetio. Of those vehicles approximately 300 are over 15 years old. We are recommending replacement of 20 vehicles ASAP. These vehicles are not only old but have excessive miles on them. They have high maintenance costs citywide.

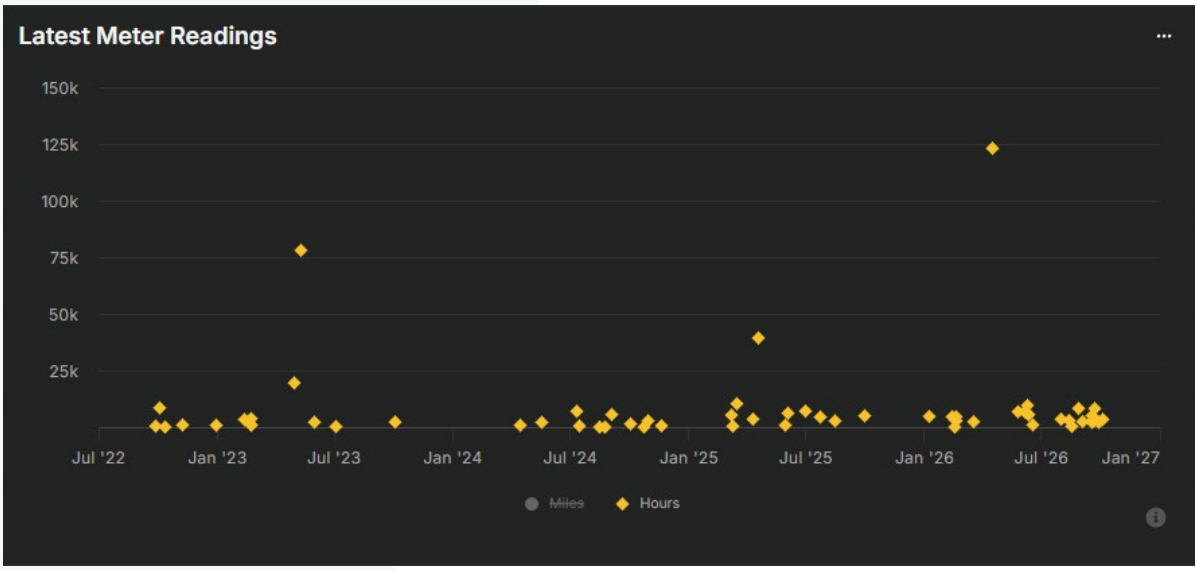
Highest Meter Reading (Hours)					
Name	**Group**	**Year**	**Make**	**Type**	**Meter (Hours)**
361-252	Solid Waste	2007	Caterpillar	Scraper	123092.0
1341	Streets		John Deere	Tractor	78004.0
536-254	Solid Waste	2019	Caterpillar	Loader	39310.0
9630-1164	Zoo	2017	Kawasaki	UTV	19533.0
14667-845	Air Center		Kubota	Tractor	10266.0
298-250	Solid Waste	2020	Caterpillar	Compactor	9550.0
1281	WWTP		Redmax	Mower	8416.0
11922-256	Solid Waste	2007	John Deere	Motor Grader	8261.0
7709-584	Cemetery	2008	John Deere	Tractor	8234.0
33960-1304	Streets		John Deere	Loader	7081.0
433-251	Solid Waste	1998	Caterpillar	Compactor	7022.5
27402-1410	WWTP	2007	Case	Backhoe	6093.0
27350	Fleet	2007	Case	Backhoe	5913.0
160-594	Cemetery		John Deere	Backhoe	5514.0
447-253	Solid Waste	2021	Caterpillar	Scraper	5464.0
15288-1305	Streets	2013	Case	Loader	5300.0
D5758-599	Cemetery	2012	Kubota	UTV	4985.9
75746-1431	Water	2015	John Deere	Backhoe	4906.0
E8614-1233	Streets		Champion	Motor Grader	4723.0
11716-259	Solid Waste	2006	Bobcat	Skid Steer	4580.0

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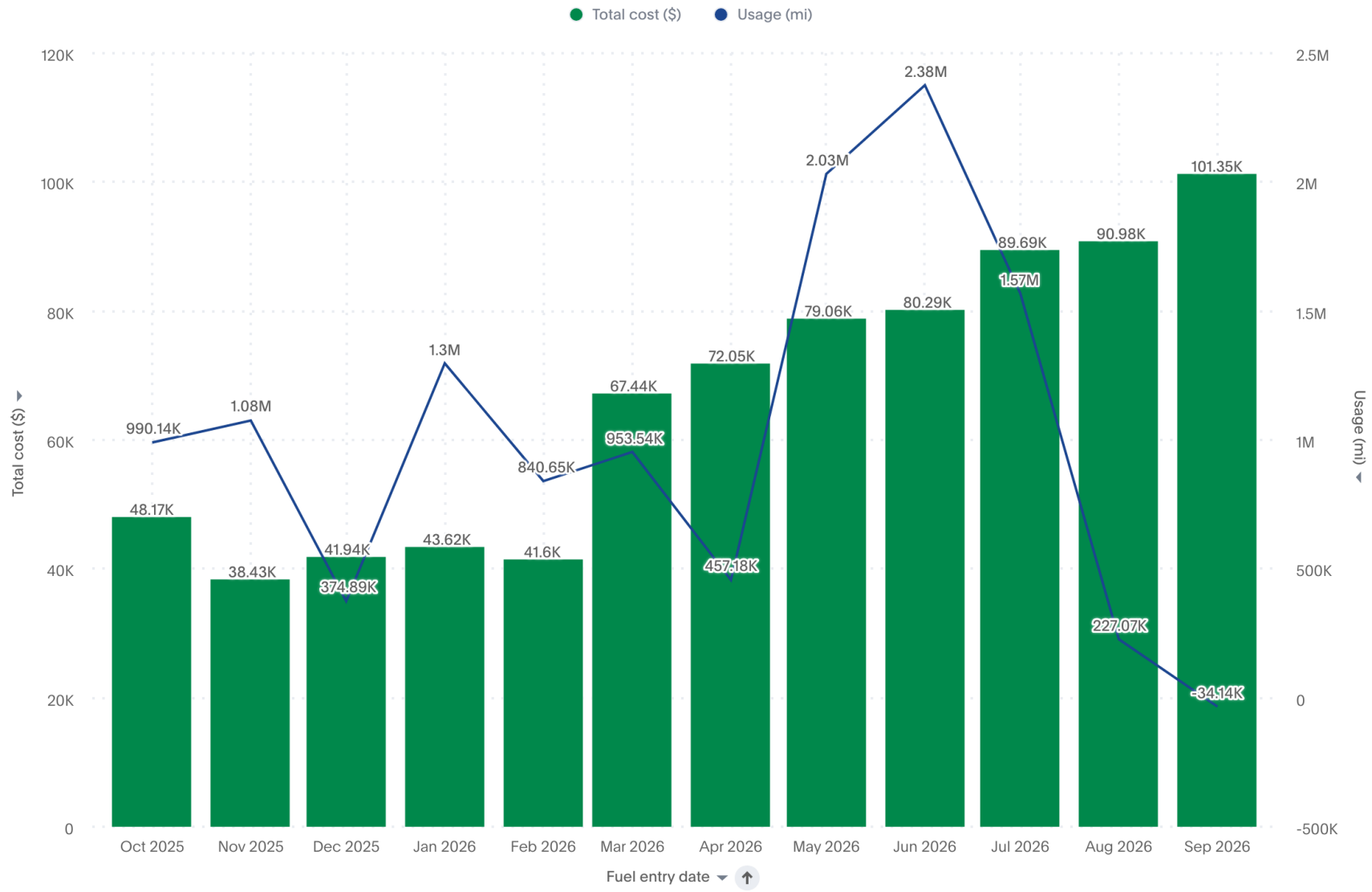
Highest Meter Reading (Miles					
Name	Group	Year	Make	Type	Meter (Miles)
M0916-1240	Streets	2019	Freightliner	Sweeper	522708.0
86000-E66	Streets	2003	Ford	Medium Duty Truck	457858.0
4C	SWAT	2002	GMC	Other	332307.0
63070-1244	Streets	2012	International	Medium Duty Truck	296625.0
54809-1234	Streets	2009	International	Medium Duty Truck	283292.0
84201 - 949	Air Center	2017	Chevrolet	Bus	260692.0
2736 - 951	Transit	2019	Chevrolet	Bus	237236.0
6700 - 950	Transit	2015	Chevrolet	Bus	228664.0
02925	Solid Waste	2024	Battle Motors	Sideloader Sanitation Truck	225266.0
05940		2025	Battle Motors	Rearloader Sanitation Truck	223288.0
50077	SWAT	2008	Caimen	Other	222000.0
40961-262	Solid Waste	2019	International	Rolloff Truck	210357.0
77891-566	Animal Control	2015	Chevrolet	SUV	210000.0
3751 - 953	Transit	2020	Chevrolet	Bus	201547.0
96906	Fleet	2017	Chevrolet	SUV	198347.0
5501-1107	Parks	2011	Ford	Pickup Truck	197804.0
83701-976	Facilities	2008	Ford	Pickup Truck	191500.0
93254	Police	2018	Ford	Police SUV	188811.0
93360	Police	2016	Dodge	Police Car	186751.0
36613	Air Center	2016	Ford	Police SUV	185301.0

Fleetio pulls meter readings from the WEX gas cards, Geotab, Inspections, Service & Work Orders. Went through this last month and cleared out any meter entries that where out of sequence, fat fingered, etc.





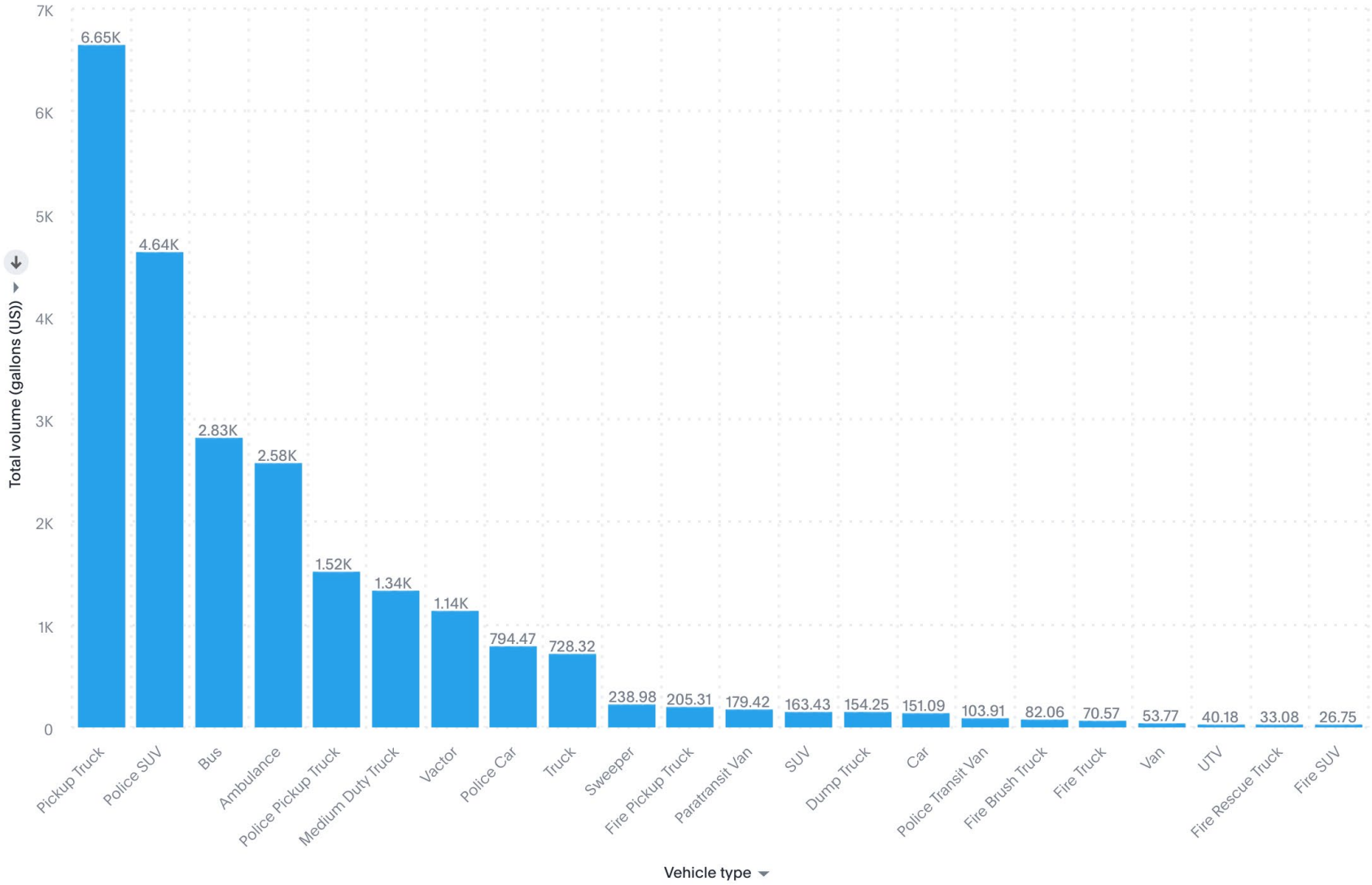
Annual fuel costs and usage



Showing 12 of 12 data points

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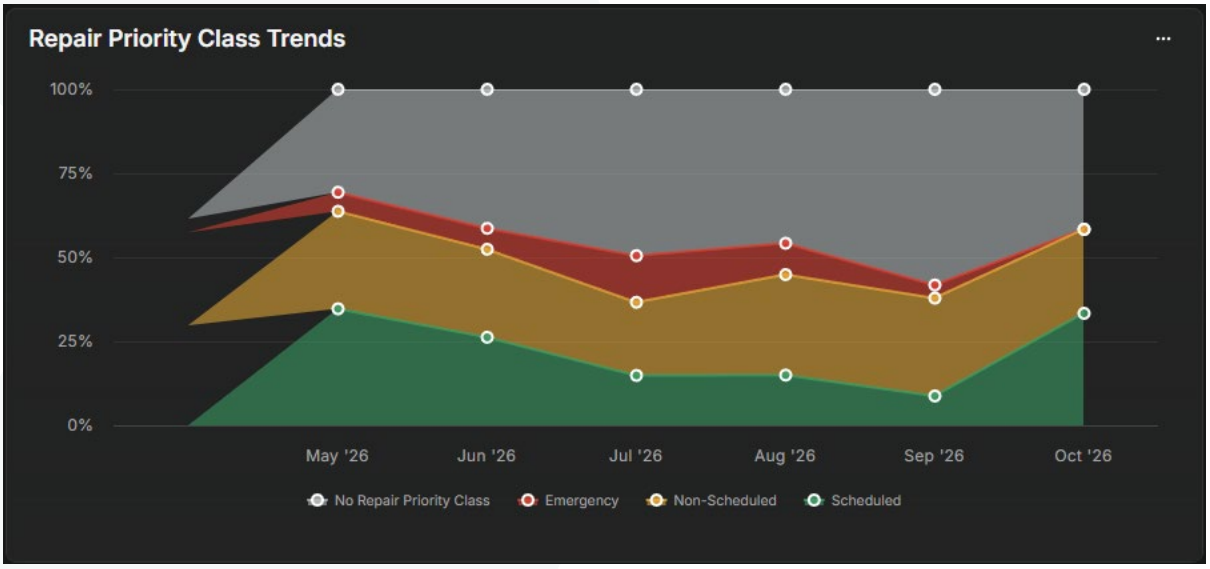
Fuel usage by vehicle type



Showing 22 of 22 data points

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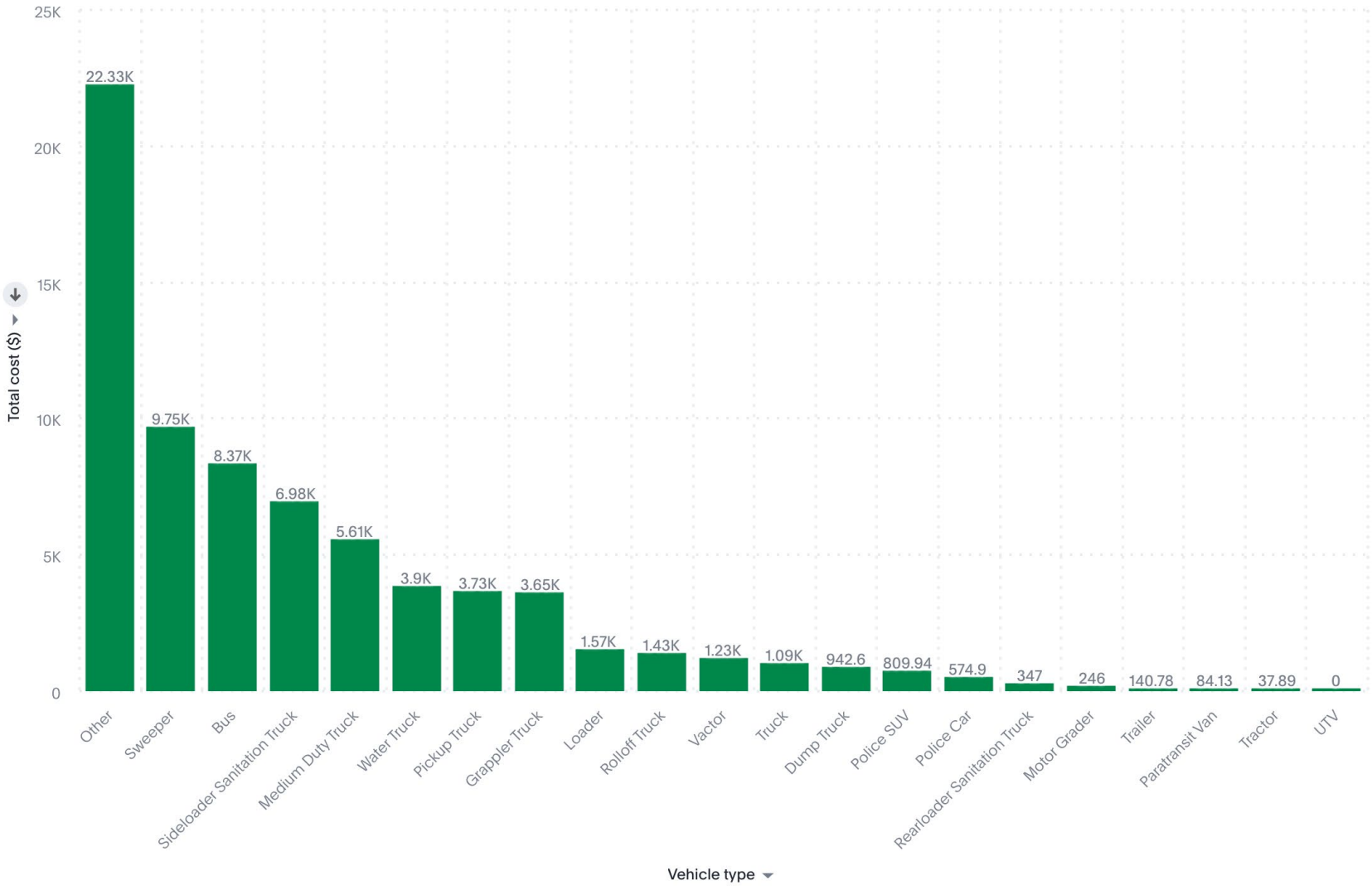
With the excessive mileage and hours on our vehicles and equipment we are seeing more repair work having to be done as parts wear out and break. This information is pulled from entered Service & Work Orders.



Shop Work Hours and Money saved in labor costs.

Job Title	Hourly Labor Rate	Work Orders	Total Hours	Total Labor Cost
Heavy Duty Mechanic	$35.00	39	94	$3,290.00
Lube Technician	$18.54	17	29.58	$548.40
Emergency Vehicle Technician	$150.00	2	3.5	$525.00
Heavy Duty Mechanic	$35.00	9	178.57	$6,077.05
Heavy Duty Mechanic	$35.00	8	20	$700.00
EVT Apprentice	$150.00	5	25.3	$3,795.00

Maintenance cost by vehicle type

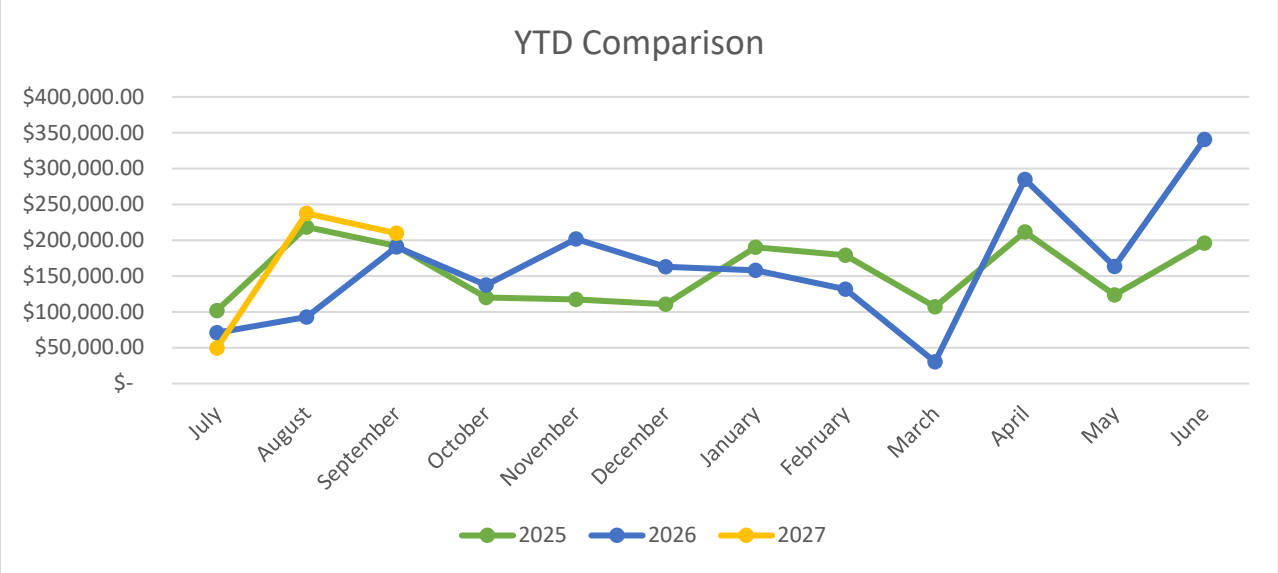


Showing 21 of 21 data points

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VEHCILES TO REPLACE

Name	Group	Year	Make	Model	Milage
18931-398	Special Electronics	2000	Chevrolet	C/K 2500 Series	107148
87408-503	Parks	2002	Dodge	Caravan	80539
27032-565	Code Enforcement	2004	Ford	F-150	143922
75500	Zoo	2004	Ford	Ranger	0
31335-561	Parks	2005	Ford	F-150	105108
31336-756	Engineering	2005	Ford	F-150	133329
5837-1171	Parks	2005	Dodge	Ram 2500	106333
68120-973	Facilities	2005	Ford	F-150	144321
49647-1007	Parks	2006	Ford	F-350 SD	58170
63264	IT	2006	Ford	Explorer	96428
80649-975	Engineering	2006	Ford	Explorer	102851
85521-588	Cemetery	2006	Ford	F-150	74508.6
86655-530	IT	2006	Ford	F-150	115520
38512-550	Parks	2007	Ford	F-150	135949
494-1101	Recreation	2007	Chevrolet	Uplander	56327
19613-758	Engineering	2008	Ford	F-150	82664
22592-979	Facilities	2008	Ford	F-250	126323
42918-567	Code Enforcement	2008	Ford	F-150	128179
43067-531	IT	2008	Chevrolet	Impala	90000
50417-1201	Engineering	2008	Ford	F-150	276813
75156-732	Facilities	2008	Ford	F-150	145044
83701-976	Facilities	2008	Ford	F-250	190653
92766-1200	Streets	2008	Ford	F-150	98697
27777	Code Enforcement	2009	Chevrolet	Silverado 1500	175602



Year	July	August	September	October	November	December
2025	$ 101,944.00	$ 218,478.00	$ 192,088.00	$ 119,889.00	$ 117,394.00	$ 110,727.00
2026	$ 71,071.30	$ 92,862.41	$ 190,669.28	$ 137,513.54	$ 201,660.76	$ 163,092.83
2027	$ 49,313.62	$ 237,408.17	$209,860.03			

January	February	March	April	May	June	Total
$ 190,242.00	$ 178,979.00	$ 107,237.00	$ 211,670.00	$ 123,439.00	$ 195,873.00	$ 1,867,960.00
$ 157,989.89	$ 131,822.28	$ 30,246.82	$ 284,923.14	$ 163,592.14	$ 340,825.56	$ 1,966,269.95
						$ 496,581.82

Monthly M&R Vehicle Costs by Department						
Department	**FY26 Original Budget**	**Transfers**	**Revised Budget**	**July**	**August**	**September**
Municipal Court	$ 3,500.00	$ -	$ 3,500.00	$ -	$ -	$ -
Human Resources	$ 7,381.22	$ -	$ 7,381.22	$ -	$ -	$ -
Facilities	$ 32,500.00	$ -	$ 32,500.00	$ -	$ -	$ 1,271.22
Fleet Maintenance	$ 200,000.00	$ (11,390.00)	$ 188,610.00	$ 2,325.02	$ 25,081.61	$ 1,386.13
Police	$ 250,000.00	$ -	$ 250,000.00	$ 2,130.16	$ 29,928.09	$ 25,518.42
Fire	$ 115,000.00	$ -	$ 115,000.00	$ -	$ 6,914.89	$ 26,969.29
Planning	$ 500.00	$ -	$ 500.00	$ -	$ -	$ -
Engineering	$ 14,130.80	$ -	$ 14,130.80	$ -	$ -	$ 360.18
Code Enforcement	$ 30,000.00	$ -	$ 30,000.00	$ -	$ 252.59	$ 94.91
Animal Control	$ 17,000.00	$ -	$ 17,000.00	$ -	$ 945.76	$ 612.63
Emergency Management	$ 1,500.00	$ -	$ 1,500.00	$ -	$ -	$ 56.76
Parks	$ 40,000.00	$ -	$ 40,000.00	$ -	$ 340.11	$ 5,857.83
Public Affairs	$ -	$ 2,500.00	$ 2,500.00		$ 976.95	$ -
IT	$ 6,905.00	$ -	$ 6,905.00	$ -	$ 66.51	$ 21.65
Fire Protection Grant	$ -	$ 5,000.00	$ 5,000.00	$ -	$ -	$ 1,803.47
Cemetery	$ 15,500.00	$ -	$ 15,500.00	$ -	$ -	$ 3,523.86
Transit	$ 130,000.00	$ -	$ 130,000.00	$ 891.23	$ 8,427.73	$ 10,086.94
Zoo	$ 10,000.00	$ -	$ 10,000.00	$ -	$ -	$ -
Golf Course	$ 24,000.00	$ (22,000.00)	$ 2,000.00	$ -	$ -	$ -
Recreation	$ 2,000.00	$ -	$ 2,000.00	$ -	$ -	$ 260.43
Streets	$ 230,719.00	$ (1,553.40)	$ 229,165.60	$ 8,753.88	$ 15,580.03	$ 36,816.26
Special Electronics	$ 9,011.00	$ (1,200.00)	$ 7,811.00	$ -	$ 735.26	$ 444.09
Air Center	$ 128,445.00	$ -	$ 128,445.00	$ 482.39	$ 34,307.63	$ 10,392.03
Collections	$ 825,000.00	$ -	$ 825,000.00	$ 32,350.88	$ 89,814.48	$ 69,235.83
Landfill	$ 75,000.00	$ (7,663.50)	$ 67,336.50	$ -	$ -	$ -
Water Administration	$ -	$ -	$ -	$ -	$ (31.89)	$ -
Water Customer Service	$ 20,000.00	$ -	$ 20,000.00	$ 162.36	$ 3,044.01	$ 1,349.88
Water Source of Supply	$ 23,000.00	$ -	$ 23,000.00	$ 273.99	$ 4,181.22	$ 109.74
Water Maint & Transmission	$ 66,528.48	$ 12,000.00	$ 78,528.48	$ 930.52	$ 6,789.07	$ 11,762.78
WWTP	$ 30,577.00	$ -	$ 30,577.00	$ 153.02	$ 3,003.81	$ 1,208.63
WW Sewer Maintenance	$ 50,879.00	$ -	$ 50,879.00	$ 860.17	$ 6,920.75	$ 717.07
WW Lab	$ 900.00	$ -	$ 900.00	$ -	$ -	$ -
Public Safety	$ 75,000.00	$ -	$ 75,000.00	$ -	$ 129.56	$ -
Totals:	$ 2,434,976.50		$ 2,335,669.60	$ 49,313.62	$ 237,408.17	$ 209,860.03

YTD Expended	% of Budget	Remaining
$ -	0%	$ 3,500.00
$ -	0%	$ 7,381.22
$ 1,271.22	4%	$ 31,228.78
$ 28,792.76	14%	$ 159,817.24
$ 57,576.67	23%	$ 192,423.33
$ 33,884.18	**29%**	$ 81,115.82
$ -	0%	$ 500.00
$ 360.18	3%	$ 13,770.62
$ 347.50	1%	$ 29,652.50
$ 1,558.39	9%	$ 15,441.61
$ 56.76	4%	$ 1,443.24
$ 6,197.94	15%	$ 33,802.06
$ 976.95	#DIV/0!	$ 1,523.05
$ 88.16	1%	$ 6,816.84
$ 1,803.47	#DIV/0!	$ 3,196.53
$ 3,523.86	23%	$ 11,976.14
$ 19,405.90	15%	$ 110,594.10
$ -	0%	$ 10,000.00
$ -	0%	$ 2,000.00
$ 260.43	13%	$ 1,739.57
$ 61,150.17	27%	$ 168,015.43
$ 1,179.35	13%	$ 6,631.65
$ 45,182.05	**35%**	$ 83,262.95
$ 191,401.19	23%	$ 633,598.81
$ -	0%	$ 67,336.50
$ (31.89)	#DIV/0!	$ 31.89
$ 4,556.25	23%	$ 15,443.75
$ 4,564.95	20%	$ 18,435.05
$ 19,482.37	**29%**	$ 59,046.11
$ 4,365.46	14%	$ 26,211.54
$ 8,497.99	17%	$ 42,381.01
$ -	0%	$ 900.00
$ 129.56	0%	$ 74,870.44
$ 496,452.26	20%	$ 1,839,217.34

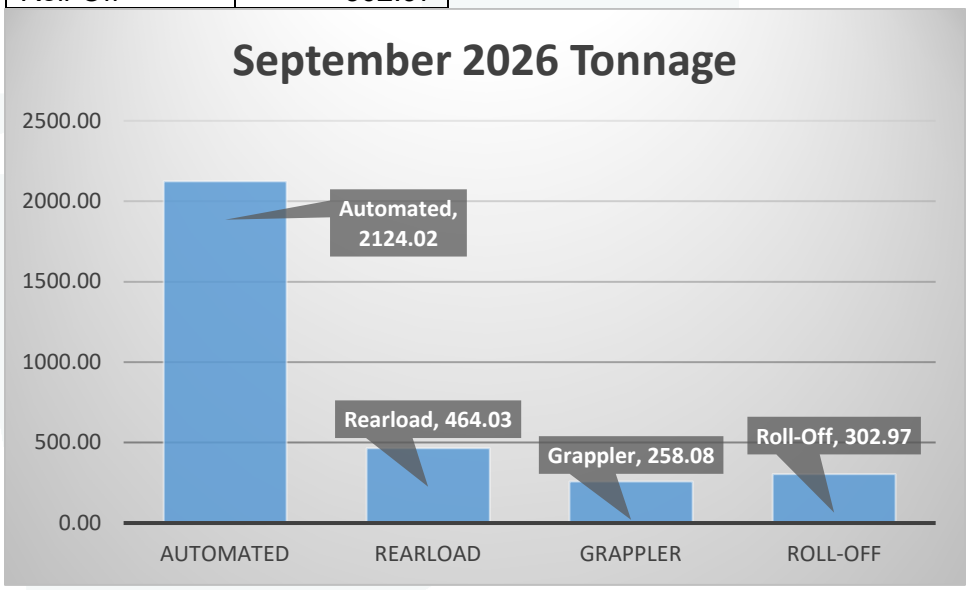
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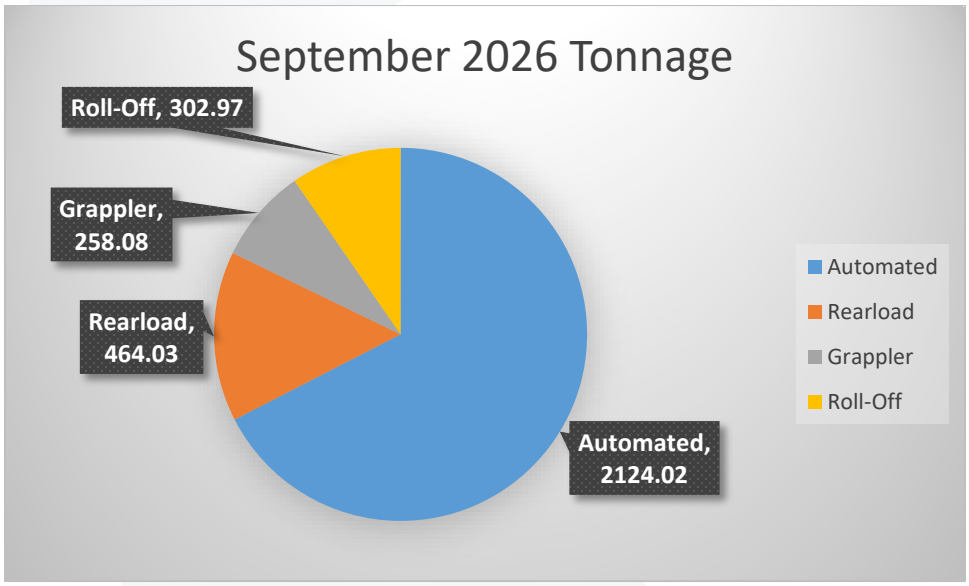
Monthly Solid Waste Department
September 2026 Tonnage Report

Sanitation

Roswell Municipal Landfill (RML). Report includes tonnage from September 1st to September 30th. Landfill tonnage received is a good gauge of the overall health of the Landfill Operations. Attached are the tonnages for the following Operations: Automated Collections, Bulk Trash, Commercial, and Roll Off.

Service	Tons
Automated	2124.02
Rearload	464.03
Grappler	258.08
Roll-Off	302.97

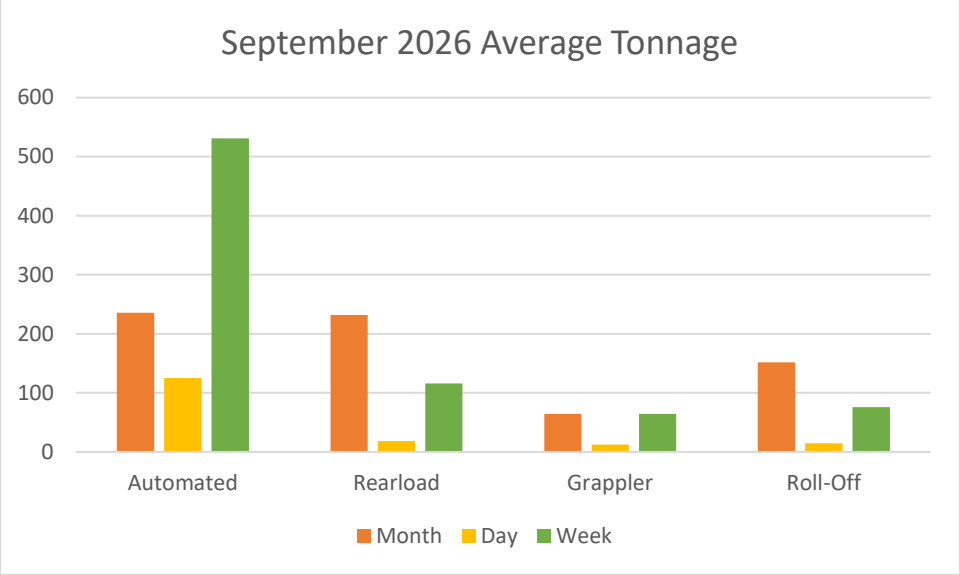




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Sanitation

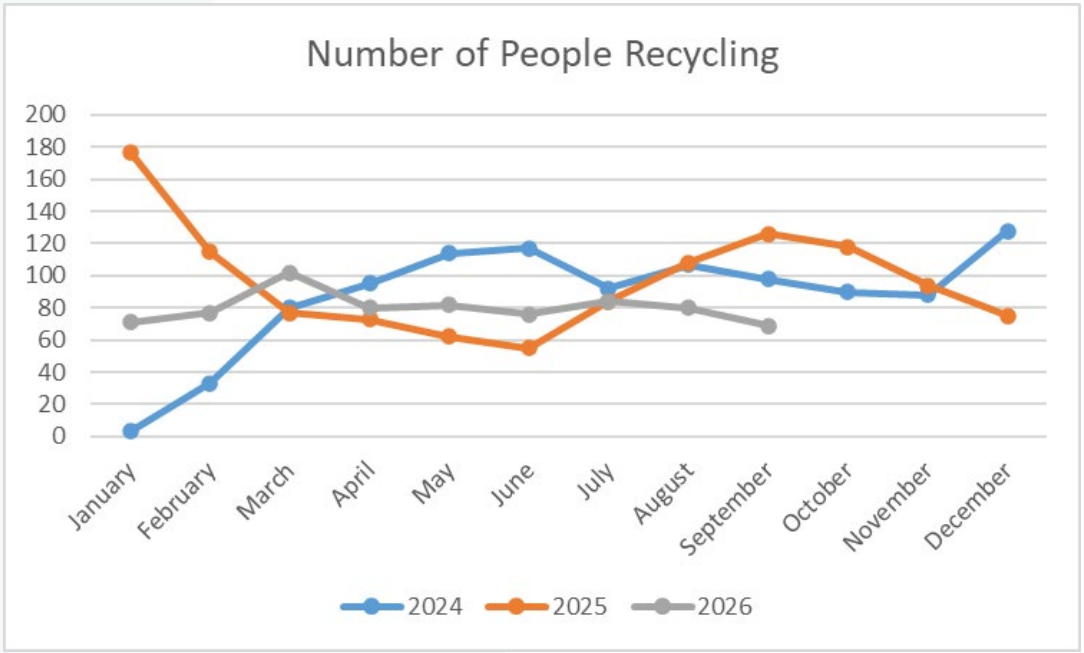


Waste Stream	Month	Day	Week
Automated	236	125	531
Rearload	232	19	116
Grappler	65	12	65
Roll-Off	152	14	76

Recycling

The Solid Waste Department Launched our Pilot program for Recycling. We currently take corrugated cardboard, tin and aluminum cans. Currently we are only tracking people who come in to recycle.

	January	February	March	April	May	June	July	August	September	October	November	December	YTD
2024	3	33	80	95	114	117	92	107	98	90	88	128	1045
2025	177	115	77	73	62	55	84	108	126	118	94	75	1164
2026	71	77	102	80	82	76	84	80	69				721



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New Mexico

Sanitation

Disposal Summary

This data is track by Drivers inputting their Net weight in as they pass over the scales to track how much tonnage they are bringing in.

Disposal by Facility		
Facility	**Loads**	**Tons**
Roswell Municipal Landfill	**1419**	**8694.68**
Other	1	26.51
Trash - MSW	1366	8668.17
Unknown	52	0.00
Totals	**1419**	**8694.68**

Disposal by Material		
Material	**Loads**	**Tons**
Other	1	26.51
Trash - MSW	1366	8668.17
Unknown	52	0.00
Totals	**1419**	**8694.68**

Disposal by Vehicle Type		
Vehicle Type	**Loads**	**Tons**
Front load	**128**	**1567.20**
Trash - MSW	126	1567.20
Unknown	2	0.00
Residential	**790**	**6893.00**
Other	1	26.51
Trash - MSW	740	6866.49
Unknown	49	0.00
Roll off	**501**	**234.48**
Trash - MSW	500	234.48
Unknown	1	0.00
Totals	**1419**	**8694.68**

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Driver Productivity							
Driver Name	Route Count	Route Hours	Helping Hours	Homes/ Hour	Total Stops	Miles	Tons
CR-Route-Sub	17	115.4	50.17	37.851	5685	826	193.75
RL-Route-South	5	136.33	3.95	14.906	2196	905	505.27
SL-Route-6	9	205.23	1.58	51.326	13618	1260	373.14
RL-Route-Sub	1	0	0	0	0	0	
SL-Route-5	12	155.48	8.66	56.064	10680	1398	1795.3
RL-Route-North	5	140.67	0	15.377	2180	772	534.88
RL-Route-Sub	6	132.41	0	6.352	841	439	216.18
SL-Route-4	12	154.75	16.05	60.614	12187	1127	936.86
RO-Route-1	5	162.35	0	0.5666	119	2209	154.09
CR-Route	9	171.84	5.93	34.21	6636	1163	920.56
SL-Route-3	5	163.12	6.63	53.968	12818	986	970.59
SL-Route-7	7	163.85	2.33	43.349	10354	1019	
CR-Route-Sub	11	114.75	114.75	18.44	0	324	
SL-Route-2	9	162.93	9.55	46.725	11313	918	880.81
SL-Route-1	12	163.84	7.69	42.828	9275	1097	1003
RO-Route-2	6	149.06	0	0.7581	138	1949	80.39
SL-Route-Sub	6	38.63	2.08	47.757	2165	270	24

Driver Productivity

This chart allows us to see a combined monthly total of all the hours a driver has been 'on route' how fast they are moving and how many miles and tons they are bringing in for the month. Please note that Sub are drivers being substituted in from other sections i.e.: grappler drivers or supervisors to help when we have a shortage of drivers.

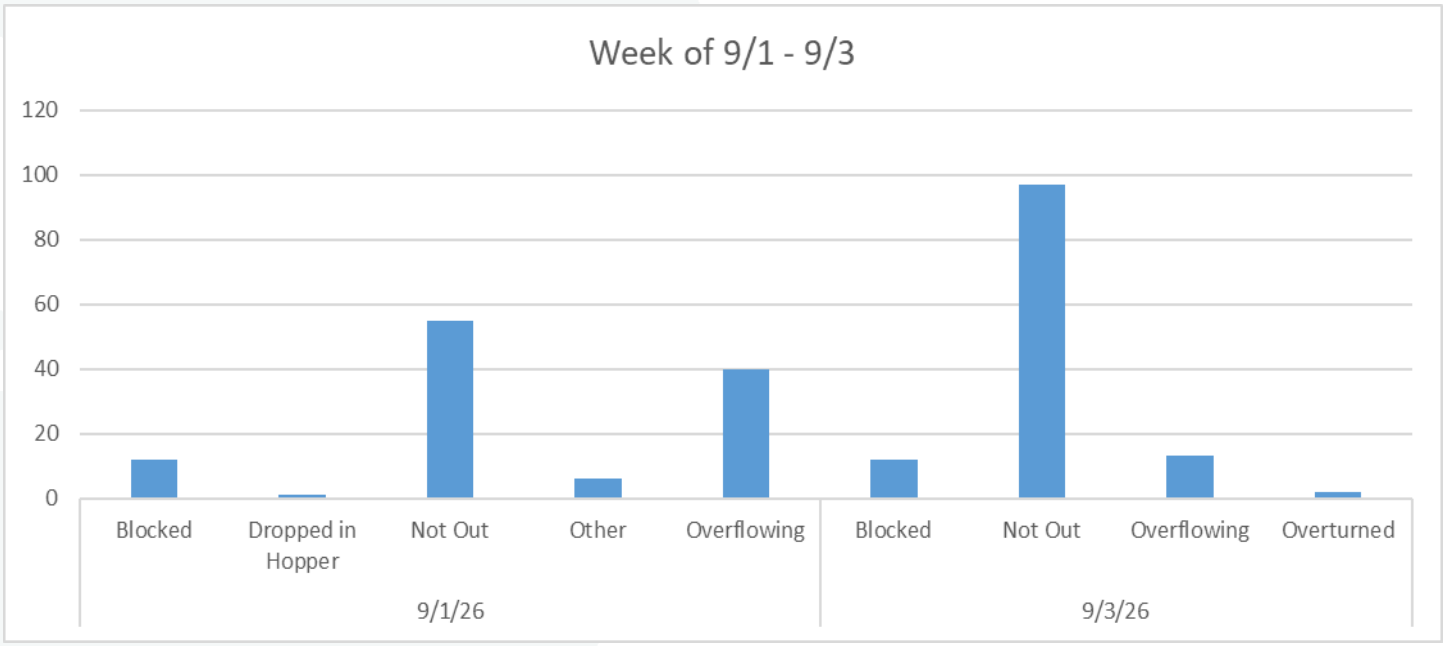
Fuel Log					
Vehicle Name	# Fill ups	Fuel Efficiency (MPG)	Total Gallons Filled	Total Gallons Used	Total Miles Driven
262	3	3.7	188.2	134.6	515
309	2	2.8	16.1	38.5	112
SL 20-305	1	3.3	27.4	27.4	90
RL 311	4	2.6	74	143.9	361

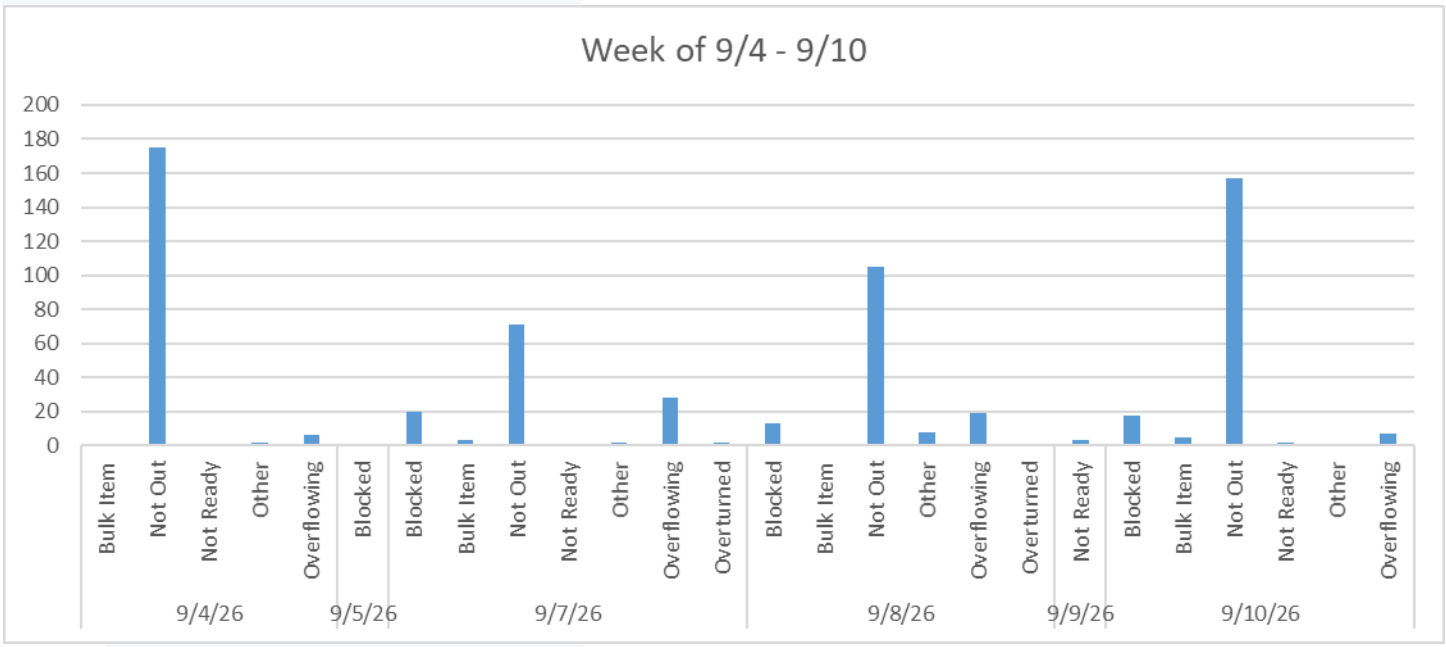
Fuel Log

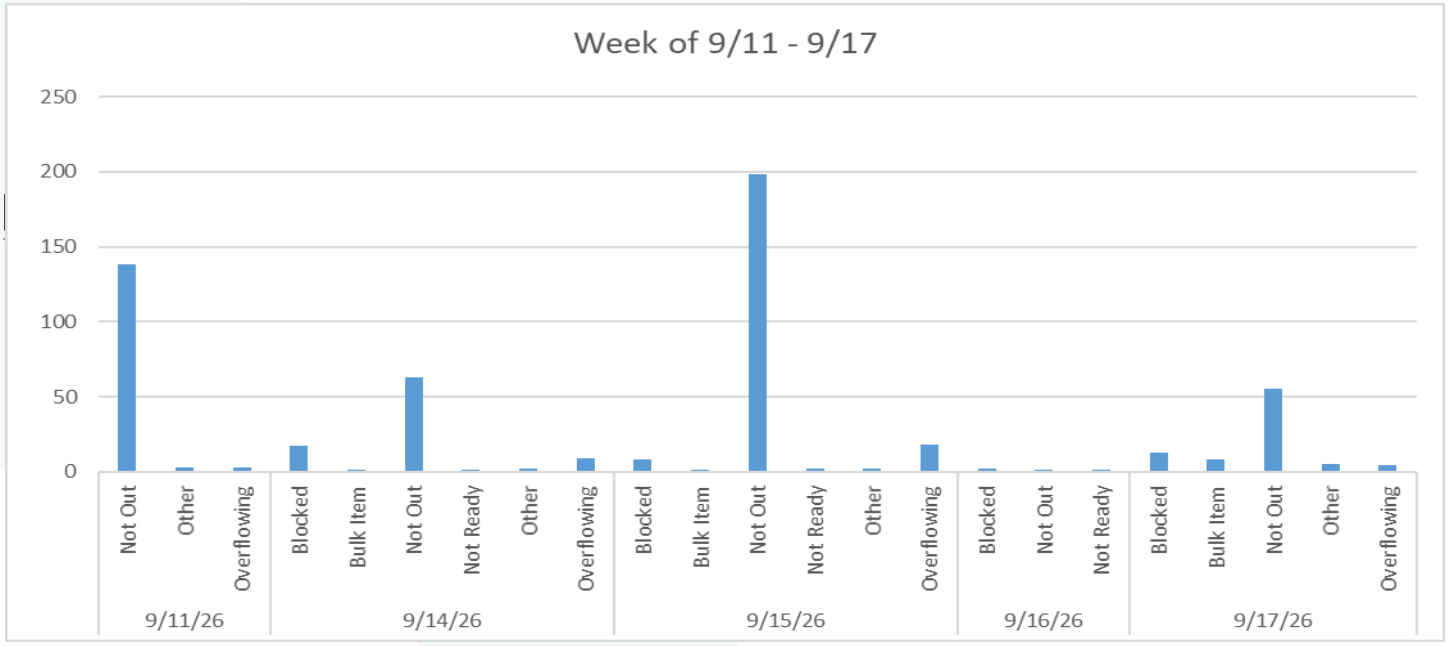
This shows how many miles are driven on our trucks along with their Fuel Efficiency.

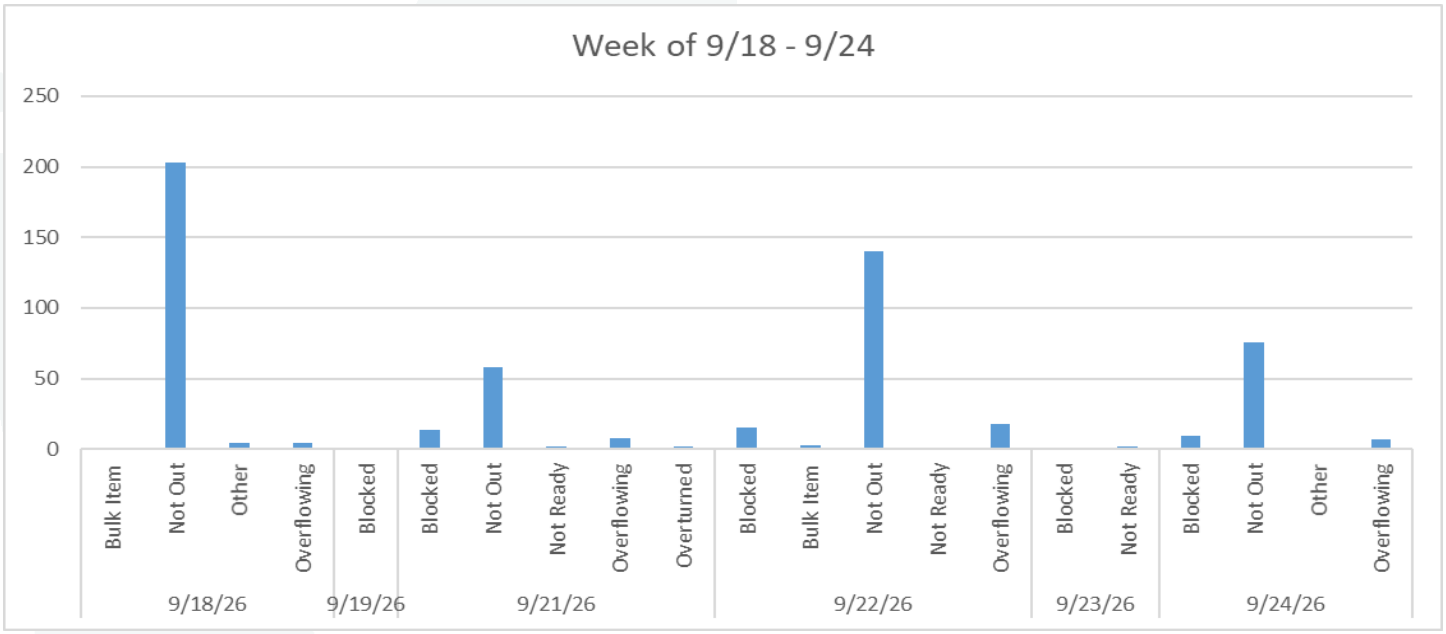
Pickup Reports

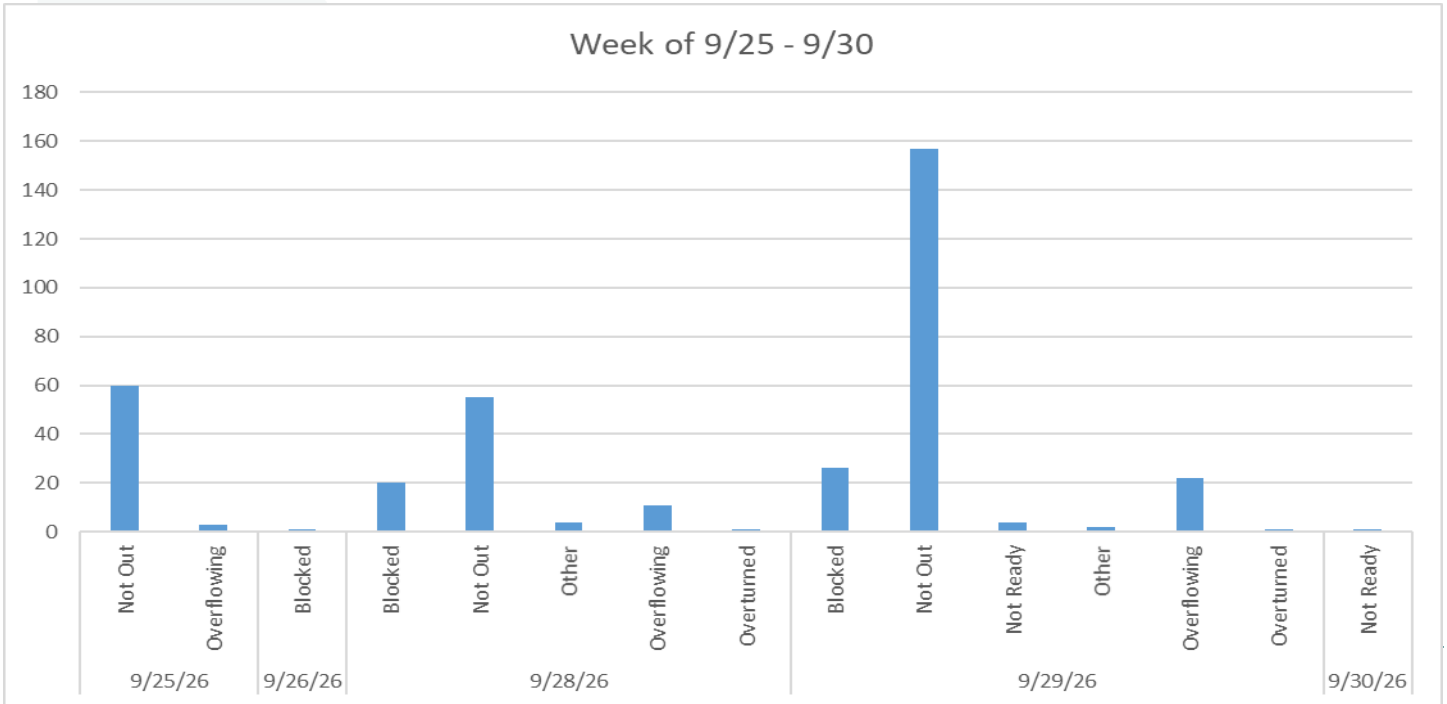
Pickup Reports are broken down by week to week. They show the number of Issues the drivers run into every day. To better view the data, we split it into weeks.






Week of 9/11 - 9/17
250
200
150
100
50
0
Not Out
Other
Overflowing
Blocked
Bulk Item
Not Out
Not Ready
Other
Overflowing
Blocked
Bulk Item
Not Out
Not Ready
Other
Overflowing
Blocked
Not Out
Not Ready
Blocked
Bulk Item
Not Out
Other
Overflowing
9/11/26
9/14/26
9/15/26
9/16/26
9/17/26


Week of 9/18 - 9/24
250
200
150
100
50
0
Bulk Item
Not Out
Other
Overflowing
Blocked
Blocked
Not Out
Not Ready
Overflowing
Overturned
Blocked
Bulk Item
Not Out
Not Ready
Overflowing
Blocked
Not Ready
Blocked
Not Out
Other
Overflowing
9/18/26
9/19/26
9/21/26
9/22/26
9/23/26
9/24/26


Week of 9/25 - 9/30
180
160
140
120
100
80
60
40
20
0
Not Out
Overflowing
Blocked
Blocked
Not Out
Other
Overflowing
Overturned
Blocked
Not Out
Not Ready
Other
Overflowing
Overturned
Not Ready
9/25/26
9/26/26
9/28/26
9/29/26
9/30/26

Current Project Updates

1. In House Projects / Infrastructure

a. Bring Fire Suppression System up to Code
   i. Jockey Pump replaced more work needed
   ii. Pipes replaced
   iii. New Valve Needed waiting on Vendor

b. Update Grading around Landfill Pumphouse
   i. Upcoming Scheduled Project
   ii. Millings are included as a part of the project

c. Roswell Municipal Landfill Permit Application
   i. Submitted August 31st, 2026 in part
   ii. Other phased permit item submittals planned

d. Construction of new Roswell Municipal Landfill Employee Entrance Gate
   i. Construction of the new employee entrance gate remains ongoing.
   ii. All traffic entering and exiting the Roswell Municipal Landfill continues to be routed through the main entrance gate until construction is complete.

e. Community Outreach Program
   i. The Solid Waste Department is working to expand the City of Roswell's annual Arbor Day program and related community outreach efforts.
   ii. The Solid Waste Department is evaluating current Solid Waste community events and identifying opportunities for improvement and future expansion.

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 5.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:

Department Report -Transit

Attachments

Roswell Transit Monthly Report

ROSWELL Transit

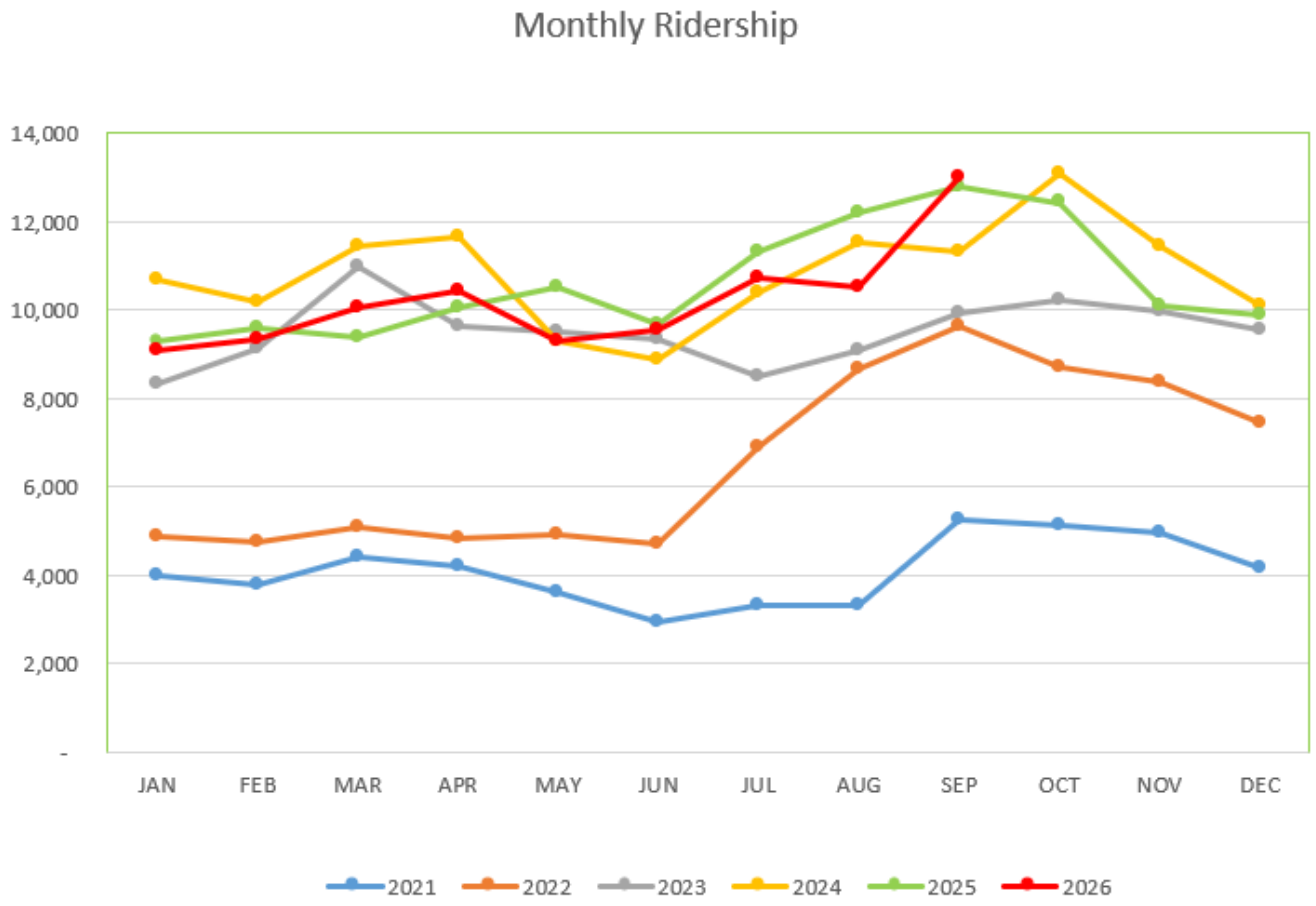
We believe in safe, affordable, and convenient Public Transportation.

Connecting People to Places

BUS RIDERSHIP ------ SEPT 2026: 12,985

YTD 2025 RIDERSHIP ---- 92,028

YTD 2026 RIDERSHIP ---- 94,822 -2.9%



- Whiterock construction is working on the sewer lines.
- We are continuing to hire new drivers that are seeking to spend a substantial amount of time with the city along with being customer service and safety driven.
- We received a quote from Tillery (Blue Bird) This quote is comparable to Model 1 but it is an all-around better product and safer for our staff and customers.
- The ridership has increased this month. Thought is that it is due to cooler weather and the Air Races.
- We were happy to be an integral part of the Air Races this year. Not only for transporting customers but also to be part of the emergency response team.
- We were able to work with Councilwoman Halvorson to make contact with the Walmart General Manager, Pilar. This is in hopes to be able to set up a new bus stop that is safe for all customers and for Transit.
- We continue to train for a city-wide emergency response in order to transport our community to safety.

Respectfully submitted by Chris Moore and Ray Mendoza. Approved by Becky Hicks, Transit Director

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 6.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:

Department Report - Streets

Attachments

Department Report - Streets

MONTHLY REPORT FOR SEPTEMBER 2026

Streets

Department Summary

The Street Departments focus for the month of September 2026 continues with the ongoing Hot-In-Place Recycling for various city streets. Due to rain and other conditions, the work is behind schedule with an estimated completion by October 31st, 2026 pending no further rain delays.





Photo Credit: Nate Saverance

Crews worked together to support residents in preparation for September's heavy rainfall, distributing more than 500 tons of sand and approximately 14,000 sandbags. To meet increased demand, crews replenished inventory and established additional sandbagging stations along E. Alameda Street.





Photo Credit: Frank Rincon

MONTHLY REPORT FOR SEPTEMBER 2026

Streets

The Street Department took delivery of a new Caterpillar Motor Grader through Wagner Equipment utilizing the Sourcewell Contract. This equipment will be used daily for road grading, alley maintenance, shoulder shaping, and other infrastructure projects throughout the city. The new grader provides improved performance and fuel efficiency, enhancing the department's ability to maintain city streets and rights-of-way. The Street Department extends its appreciation to City Council and the associated committees for their support and consideration in making this equipment acquisition possible.

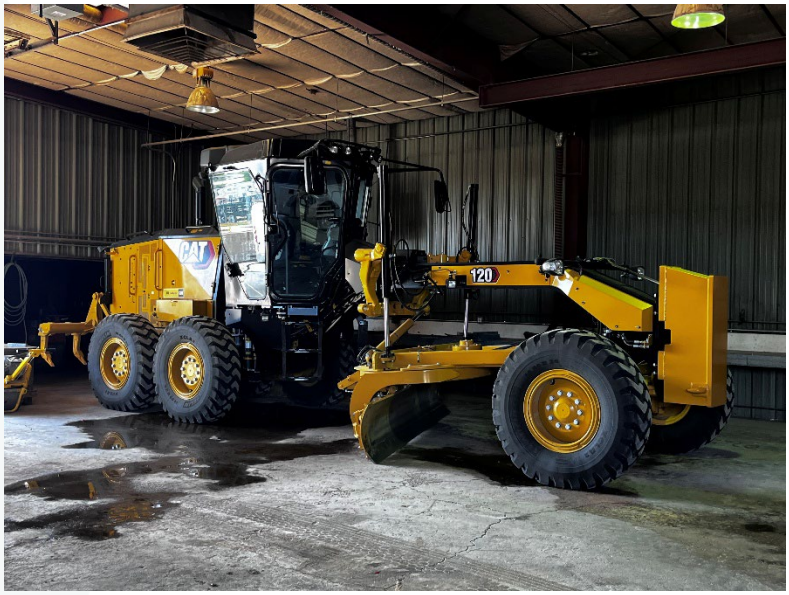


Photo Credit Nate Saverance



Photo Credit: Nate Saverance

The Sign Crew painted crosswalks at Stanton Road and Parkway Boulevard, Garden Avenue and Hobbs Street (east and west approaches), and 701 E. Hobbs Street. Stop bars were installed at Parkway Boulevard and Garden Avenue, and damaged stop signs were replaced. Street signs were updated and maintained as needed throughout the month.

MONTHLY REPORT FOR AUGUST 2026

Streets

Employee Spotlight

Street Crews

We would like to extend our sincere thanks to the Patch Crew, Street Maintenance Crew, Sign Crew, Mowing Crew, Spray Crew, Alley Crew, and Operator Crew for their service and dedication in preparing for the Air Races in September.

These crews loaded, hauled, and delivered 2,904 loads of dirt and millings for the construction of the RV parking lots, in addition to grading and dust control efforts. They also transported, unloaded, and reloaded signs, delivered equipment, and volunteered additional hours to assist whenever needed.

Our Mowing and Spray Crews worked tirelessly to improve areas around the base perimeter by mowing, removing debris, and weed eating for days at a time. Team members also installed an accessibility ramp at the grandstands for Air Race attendees.

It takes a village to build a community and host a successful event. While not every task may receive recognition, please know that we value the time, effort, and contributions invested in enhancing the experience for our citizens and visitors. Your dedication helped achieve our shared goal of creating a world-class experience for both Roswell and the National Championship Air Race fans.

Service Anniversary

Marcus Hernandez – 3 Years

Stacey McGuigan – 2 Years

September Materials Quantities

- Crushed 300 tons of gravel to support ongoing street and alley maintenance operations.
- Assisted with hauling 190 loads of materials throughout the month.
- Delivered 6 loads of gravel for alleyway improvements.
- Hauled 57 loads of dirt to the retention pond.
- Transported 298 tons of cold mix from the vendor to the Street Yard.
- Inspected and cleared drains throughout September to promote proper drainage and reduce flooding concerns.
- Removed debris from drains before and after rainfall events on September 14, 16, 24, 25, and 30.
- Applied 550 gallons of Roundup to city rights-of-way, medians, and City-owned properties for vegetation control.

MONTHLY REPORT FOR AUGUST 2026

Streets

September Materials Quantities – Continued

- Sweeper Crews collected and removed 138 loads of debris from city streets through daily sweeping operations
- Repaired 33 water cuts using 44.88 tons of cold mix, valued at $5,161.20.
- Used an additional 40 tons of cold mix to patch potholes, construct an accessibility ramp at the Air Race grandstands, and complete a wastewater repair.
- Distributed 500 tons of sand for public flood mitigation efforts.
- Provided 14,000 sandbags to residents and the community for flood preparedness.
- Hauled and applied 86 truckloads of water for dust control at various locations throughout the city.
- Set up and removed numerous barricades, barrels, cones, and sandbags to support daily special events and traffic control needs.
- Replaced two stop signs damaged in vehicle accidents, including the installation of new poles and sign studs.
- Manufactured 35 signs to support the operational needs of other City departments.

Upcoming Projects

Hot In Place Recycle Various Streets – Ongoing

Phase 2 project - Micro Sealing Various Streets – Tentative October 27tth – November 13th

Mill & Fill on Washington from W. Country Club to W. 19 & County Club from Main to Montana – October 14th through October 24th

Expected Delivery of New Injector Sprayer – End of October

Expected Delivery of New Patch Recycler – End of October

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 7.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:

Department Report - Special Electronics

Attachments

Department Report - Special Electronics

ROSWELL
New Mexico

MONTHLY REPORT FOR SEPTEMBER 2026

Special Electronics

Project Focus

Locates:

Locates Cleared: 371
Emergency Locates: 24
Locates Marked: 6
Conference Attended: 2

Call Outs:

Pine Lodge & 285 Flash
McGaffey & Sunset Flash
2nd & 285 Head Turned
Mescalero & 285 Green Ball Out
2nd & Washington Meter KD
Hobbs & 285 Flash
Hobbs & Main Type1 KD
Alameda & Union Flash
McGaffey & 285 Not Changing
College & 285 Flash

RPD Video:

5th & 285
Country Club & 285
Brasher & Main
Mescalero & 285

Maintenance

2nd & 285 Changed Yellow Ball
Missouri Ave School Zone Changed Yellow Ball
Parkview School Zone Changed Yellow Ball on Hendricks
RPD Video 2nd & Sycamore
RPD Video McGaffey & Sunset
Traffic Study Hendricks
3rd & 285 Changed Green Ball
Parkview School Zone Changed Yellow Ball on Alameda
RPD Video 5th & 285
Traffic Study 19th
Cleaned Stickers Off Welcome Signs
Alameda & 285 Changed Yellow Ball
2nd & Washington Replaced Meter Pedestal KD
CCSO Video Brasher & 285, Hobbs & 285, Summit & 285
RPD Video Country Club & Garden
Replaced Type1 KD Hobbs & S. Main Median
Hobbs & Main Replaced Green Ball
College & 285 Changed Controller and BIU's Damaged by Lighting Strike

PO Box 1838
Roswell, NM 88202-1838
TEL: 575.624.6730
FAX: 575.624.6709
seeroswell.com

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 8.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:

Department Report - Utilities

Attachments

Wastewater September 2026 Monthly Report
Central Control September 2026 Monthly Report
WM&T September 2026 Monthly Report

ROSWELL ®
Waste Water

WWTP MONTHLY REPORT FOR SEPTEMBER 2026

Sewer Crew (Collections)

PSU- STOP UPS-6

POINT REPAIR – 1

SHOT LINE DUE TO DEAD END - 0

SEWER ODOR - 2

MH LID BROKEN OR MISSING-3

TELEVISE LINE – 2

ASSIST WATER DEPT-1

SEWAGE SPILLAGE – 0

LIFT STATIONS HIGH LEVEL ALARM-5

CUSTOMER REQUEST LINE TO BE SHOT-0

WKLY MAINTENANCE SOUTHSIDE UNIT 355

WKLY MAINTENANCE NORTHSIDE UNIT 356

Sewer Crew has been using the Vactor to jet rodding the sewer lines on sewer maps to clean and maintain lines in the city. Sewer Crew is maintaining RIAC, Kids Care, Mystec, Mescalero lift stations.

Total of 6 in Department to include (2) Sr. Equipment Operators (4) Equipment Operators. (2) Vacant position Positions requires CDL class B with tank and air brake endorsement

South side sewer crew on site at air center during the week of air race's incase of sewer back up's or any other sewer problems. While north side crew handled all calls through out the city.

New Construction of Lift station began in March at RIAC lift station.

Kids Care and Mescalero lift station is serviced and maintained on weekly basis to ensure proper functionality.

PLANT OPERATORS

Monthly Plant flow –102.59 Million Gallons

Plant operator makes daily rounds and verifies and collects data of pumps and motors making adjustments to our aeration basins for blowers to maintain ammonia/nitrates and keep a healthy basin and keep plant operational. WWTP operators conduct daily operations to be vital part of treatment of wastewater for the City of Roswell. Maintenance of the entire Wastewater system completed daily by plant operators.

Groundskeeping and watering of lawns for facility has begun with repairs to sprinkler heads. Mowing, edging and weed eating are continuous for 23 acres.

We received the new John Deere front end loader middle of August for operations of turning sludge piles, loading dump truck with spoil piles to haul off to landfill.

Daily/Regular maintenance as needed on equipment

Weekly cleaning of irrigation screens.

Solids handling utilizing the new dewatering building. Solids handling is a priority for Class A sludge. Temping and turning sludge piles to release sludge to public after lab analyzed for ecoli.

Plant Operators are currently seeking certifications through UOCP (New Mexico Utility Operator Certification Program)

Total Employees 8

(1) Sr Operator

(4) WWTP Operators plant operations with one vacancy

(2) Maintenance Worker I maintain grounds and buildings

LAB

Monthly BAC- T Sampling – 60 samples required for NMED compliance City of Roswell potable water. (15) Wkly sampling for total of 4 routes for month completed. Quality Control daily analysis for wastewater operations.

23 Drinking Water Systems we oversee analysis for DWB compliance to include Alto Lakes Water, Berrendo Water, Capitan Water System, Cumberland, Fambrough, Greenfield, Town of Dexter, Leprino Foods, Roswell Landfill.

We have recently accepted other water systems to include Capitan Water System, Bonito Park Nazarene Camp, Hondo Valley School, Hondo Alsups, Wild Willys RV Park, Generation of Learning, Hobbs Country Club, Pine RV Park, RP RV Park, Morning Side Water, Eileen Acres Service Corps, Midway RV Park, Lone tree bible ranch ,Lincoln MOWCA, Ft.. Stanton Historic Site.

Our lab is a credentialed laboratory for state microbiological samples

Monthly intake of microbiological samples

16-Private Pay (Private Wells and Nice Ice, Artesia Soft Water, Culligan

Permit Requirements - DP-281

Discharging our Effluent water to farmland NMED permit DP-281 requires 3x wkly running BOD5 (biochemical oxygen demand – measure of amount of dissolved oxygen needed by microorganisms to break down organic matter in water sample over a 5day period at 20 C), E-coli, TSS (total suspended solids -dry weight of non-dissolved particles in water sample). Daily analysis of ammonia/nitrate, MLSS (mixed liquor suspended solids-total concentration of suspended solids)

(15) Monitoring Wells –3rd Quarter sampling completed in July

Total employees – 3 (1) Lead Lab Technician (1) Asst. Lab Tech with one vacancy

Lab employees are actively seeking required certifications through NMED.

Pretreatment

Completed Domestic Sampling

Restaurants -90 **Industrial Users** -2

2x Wkly sampling for Covid

Odd months test for **503.13 Sludge Samples**

Restaurant sampling for surcharge billing – 2

Sampling of restaurants was done for: Mi Casita, Martins Capitol Café, Cattle Barrons , Farley, Dunkin Donuts, Vestis

Septic pumpers that were tested were, Johnsons, Demarees, Shiny Boys

Billing surcharge restaurants and Septic pumpers monthly and deposit of checks received. Do follow up on unpaid surcharge billing and also update all files and contact information for the septic pumpers.

Monthly billing septic pumpers total of 9 (new pumper Pauley Construction)

Flores Rentals, B&D Car Wash, G&A Trucking, Johnson Septic, Demaree, Shiny Boys, Fulkerson Plumbing, RV Village, Pauley Construction

Industrial User Inspections

Total employees - (1) Pretreatment coordinator

Central Control Monthly Report for:

September 2026

-Central Control Operators-

Hired new Lead and Copper Technician to continue line inventory.

Installing hatch and ladder alarms at Country Club Reservoir.

Purchase order for RIAC #5 Well re-work and new well house.

Operators making weekly rounds and collecting data of well pumps and motors. Making adjustments as needed to keep operation in spec.

Operators doing monthly checks on booster pump screens and testing the chlorine leak detectors.

Operators at end of month getting final monthly reads from all wells for total water produced.

Operators doing daily cleaning and maintenance as needed at well

sights, Reservoirs and at Central.

On-call operator responding to alarms as needed after hours.

Operators beginning winterization process for wells.

Water Maintenance and Transmission

Monthly Report for September 2026

By Danny De La Cerda & David Fierro

WORK ORDERS:

Work Orders by Category	This Month	Year to Date
Main Break	7	52
Main Break - Unfounded	0	0
Turn On/Off	25	333
Replace Mainline Valve	10	61
Service Line - City Side Leak	95	839
Service Line - Customer Side Leak	38	180
No Water/Low PSI/Set Valve	13	71
Meter Box Repair	20	489
Meter Exchange	19	66
Meter Call Returned to Central Control	0	0
New Fire Line	0	6
New Install/Service	1	79
811 Utility Locates	492	4399
Abandon Service	0	0
Other- Misc.	73	227
Move Outs	0	4
Valve Maintenance	10	51
Valve Maintenance - Unfounded	0	11

PROJECTS:

	Current	Future
1	***New Water Line for Cemetery (Final Stages)***	***Replace 36" Main 8th to 19th***
2		***Begin Replacing Water Mains***
3		
4		
5		
6		
7		
8		

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 9.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:

Department Report - Engineering

Attachments

Engineering Project Dashboard
Monthly Annual Maintenance Report
Community Development Support Monthly Report

City of Roswell Engineering Department Projects Status

10/7/2026

Street Projects & Other

FY 27 - Hot Recycling & Micro-surfacing Pavement Maintenance — **In Progress**

SCOPE: Hot Recycle & Micro-surfacing of various streets
BUDGET: $ 1,774,361
FUNDING SOURCE: 100% City funds
EST. COMPLETION: Fall 2026
PROJECT STATUS: 0%

Streets to be selected by using Pavement Condition Survey and field review by Streets & City Engineer. Quote received using NMDOT statewide price agreement. Project started 9/1/2026

FY 27 - Nova Chip Pavement Maintenance — **PO Issued**

SCOPE: Overlay of various streets
BUDGET: $ 613,976
FUNDING SOURCE: LGRF & City funds
EST. COMPLETION: Fall 2026
PROJECT STATUS: 0%

Streets selected by using Pavement Condition Survey and field review by Streets & City Engineer. Quote received utilizing NMDOT statewide price agreement. Partially funded with NMDOT LGRF funds.

Hobson Road Flood Prevention Project — **In progress**

SCOPE: Design & construct flood prevention measures on Hobson Rd. from W. RAC Perimeter Rd. to SE Main
BUDGET: WTB Grant (87%) $8,353,977
WTB Loan (13%) $1,248,295
Other $0
Total $9,602,273
FUNDING SOURCE: Water Trust Board Loan/Grant
EST. COMPLETION: 12/31/2026
PROJECT STATUS: 80%

A Water Trust Board application was submitted and a letter of award received. City to submit "Readiness" package to be reviewed by DFA and then an agreement can be issued. Loan documents in progress of being executed. Loan finalized 3/22/24. RFP issued for design portion of project, reccomeneded award to FNI. Design kickoff meeting held 7/26/2024. Design complete, bids recieved 5/13/2025, awarded to Constructors, Inc. Pre-Con held 8/12/2025. Start date 10/13/2025.

Brasher Drainage Project — **In progress**

SCOPE: Design & construct flood prevention measures and 4-lane roadway on Brasher from S. Main east to SE Main (US 285)
BUDGET: Legislative Grant $800,000
City $0
Other $0
Total $800,000
FUNDING SOURCE: Legis. Grant
EST. COMPLETION: 12/30/2026
PROJECT STATUS: Design 100%

RFQ issued to engineering vendors, Souder Miller selected. Design in progress. Stakeholder meeting held 2/14/2024. SUE and storm drain inspection complete. 90% plans received 3/6/2026. Phasing plan and updated cost estimates received 5/1/2026. Final stamped plans recieved 6/5/2026. Remianing grant funds to be utilized for pavement maintenance on W. Brasher Rd.

2nd Street Overlay Pavement Maintenance

SCOPE: Overlay and restriping 2nd Street from Sunset to East City Limits
BUDGET: NMDOT Grant $1,444,000 — **In progress**
City $76,000
Total $1,520,000
FUNDING SOURCE: NMDOT TPF
EST. COMPLETION: Summer 2026
PROJECT STATUS: 83%

This project will be awarded through NMDOT TPF funding. Funding agreement received. Waiting on final NMDOT clearance. Council approved PO. Paving operations complete, pending remaining striping and markings to be completed.

Projects coordinated with Utility Departments

Rehab Country Club Reservoirs — **In progress**

SCOPE: Repair and rehabilitate two 7.5 million gallon reservoirs located on West Country Club Rd

BUDGET: WTB Grant (45%) $3,600,000
WTB Loan (55%) $4,400,000
Other $0
Total $8,000,000
FUNDING SOURCE: Federal Grant & City Match
EST. COMPLETION: 5/22/2026
PROJECT STATUS: 83%

A Water Trust Board application was submitted and a letter of award received. City to submit "Readiness" package to be reviewed by DFA and then an agreement can be issued. Design complete, project awarded to TMI Coatings Inc. Pre-Construction meeting scheduled for 12/4/2024. Project started, South Reservoir drained, rehab work has begun. Scheduled completion first week of December. Change order proposed due to tank leakage. Contractor back on-site 3/2/2026. South tank placed back into service, additional leakage areas found. Additional coating work to be re-bid. TIC working on bid package and estimated cost. Awaiting quotes from on-call vendors.

Replace RAC Lift Station — **In progress**

SCOPE: Design replacement lift station for RAC lift station located on Hobson Rd.

BUDGET: $3,003,307 Construction
FUNDING SOURCE: LEDA Grant
EST. COMPLETION: 9/1/2026
PROJECT STATUS: 87% Construction

Design project for replacement of the Roswell Air Center lift station located on Hobson Rd. RFQ will be prepared and quotes solicited from engineering on-call vendors. Estimated construction cost $2,5000,000. Recommended award to FNI. Kick off meeting held 1/14/2025. Design complete. Due to deteriorating conditon of lift station, emergency procurement utilized, materials ordered. Material delivery anticipated mid-February, construction scheduled to begin 3/9/2026.

RAC Sewer Extension — **In progress**

SCOPE: Sewer service extension to SE area of RAC.

BUDGET: $3,274,145 Construction
FUNDING SOURCE: LEDA Grant
EST. COMPLETION: 9/1/2026
PROJECT STATUS: 78% Construction

Project design awarded to HDR, project out to bid. Construction awarded to Enviroworks, LLC. Pre-construction meeting held 9/10/2025. Project start date 10/13/2025.

36" Waterline Project - N. Montana — **Replace existing 36" concrete pipe**

SCOPE: Replace existing 36" water line from 19th to 8th on N. Montana — **Design to support funding application**
BUDGET: $10,000,000
FUNDING SOURCE: WTB Funding Application
EST. COMPLETION: Design 3/30/2026
PROJECT STATUS: Design 95%

City Engineering to survey and prepare construction plans to support WTB funding application. Application submitted 1/22/2026. City was notified that we were not selected for this grant award. City can reapply for this funding in January 2027.

CDBG Water Application - Edgewood — **Replace existing small diameter pipe**

SCOPE: Replace existing small diameter cast iron waterlines — **Design to support funding application**
BUDGET: $2,000,000
FUNDING SOURCE: CDBG Funding Application
EST. COMPLETION: Design 1/30/2027
PROJECT STATUS: Design 85%

City Engineering to prepare construction plans to support CDBG funding application. Application submitted 8/11/2026.

NMED Water Main Replacement Application — **Replace existing small diameter pipe**

SCOPE: Replace existing small diameter cast iron water lines — **Design to support funding application**
BUDGET: $8,000,000
FUNDING SOURCE: Possible NMED DWSRF Application
EST. COMPLETION: Design 3/1/2027
PROJECT STATUS: Design 10%

City Engineering to prepare construction plans to support possible NMED DWSRF Funding application. Targeting areas identified in Water Master Plan.

WWTP Gate Valves Replacement — **Design in progress**

SCOPE: Replace/repair existing gate valves at WWTP
BUDGET: $396,358 Design
FUNDING SOURCE: Water Enterprise Fund
EST. COMPLETION: Design 2/1/2027
PROJECT STATUS: Design 16%

Design in progress to repair/replace existing gate valves at WWTP, and add SCADA integration and monitoring of valve status. Walk through meeting held with Molzen Corbin design team on 7/22/2026.

City Construction Crew Water Replacement Design — **Replace existing small diameter pipe**

SCOPE: Replace existing small diameterwater lines — **Design complete**
BUDGET: In-House Crew
FUNDING SOURCE: In-House Crew-Water Enterprise
EST. COMPLETION: Design 10/2/2027
PROJECT STATUS: Design 100%

City Engineering to prepare construction plans to support City Water Construction Crew project. Currently designing ~7,200' replacement project. Design complete - construction in progress.

Projects coordinated with Other Departments

Water Line Extension to Landfill — **Design Complete**

SCOPE: Extend City water service to City Landfill
BUDGET:
FUNDING SOURCE: Landfill Capital
EST. COMPLETION: Design 9/30/2026
PROJECT STATUS: Design 100%

City Engineering to prepare construction plans to support possible water extension to City Landfill. Design complete.

Lions Hondo Improvements - Grant 24-I2885

SCOPE: Design and construct restroom improvements Lions Hondo — **In Progress**
BUDGET: Grant Amount Grant = $990,000
FUNDING SOURCE: DFA Grant
EST. COMPLETION: Construction in Spring/Summer 2027
PROJECT STATUS: Design 90%

Design of new restroom facility in progress

Stiles Park Improvements - Grant 24-I2884

SCOPE: Design and construct restroom and scoreboard improvements St **In progress**
BUDGET: Grant Amount Grant = $500,000
FUNDING SOURCE: DFA Grant
EST. COMPLETION: Construction in Spring/Summer 2026
PROJECT STATUS: 8%

Scoreboards replaced, bathroom rehab completed with City Facilities staff. Roof repair completed, A/C replacement completed. PO issued for score tower replacement

Convention Center Rebuild

SCOPE: Design and construction of repairs and flood mitigation **In progress**
BUDGET: $4,554,823.22
FUNDING SOURCE: NMFA Bond Funding - FEMA Reimbursable
EST. COMPLETION: Design Spring 2027
PROJECT STATUS: Design 10%

Huitt Zollars design team working on design and possible flood mitigation measures to rebuild City Convention Center. Quote requested for full design package per flood A/E on call contract.

Golf Course Irrigation

SCOPE: Design and construction of replacement of Golf Course Irrigatio **In progress**
BUDGET: $186,355.70 Design Only
FUNDING SOURCE: NMFA Bond Funding - FEMA Reimbursable
EST. COMPLETION: Design Spring 2027
PROJECT STATUS: Design 0%

RFQ Issued to on-call A/E vendors for design support for replacement of golf course irrigation system. Reccomended award to Pland, PO requisition in progress.

River Channel Repairs

SCOPE: Design and construction of repairs to river channels damaged by **In progress**
BUDGET: $11,219,974.00
FUNDING SOURCE: NMFA Bond Funding - FEMA Reimbursable
EST. COMPLETION: Design Spring 2027
PROJECT STATUS: Design 0%

Quote requested per flood A/E on-call contract for full design package to support repair of river channels.

Cahoon Parking Lot - Grant I2877

SCOPE: Construct repairs to the parking lot at cahoon and relocate the W **In progress**
BUDGET: $521,502.84
FUNDING SOURCE: DFA Grant & FEMA Reimbursable
EST. COMPLETION: Construction in Summer/Fall 2025
PROJECT STATUS: Design 100%

Design is 100% complete, finalising bid documents for publication

Adult Center

SCOPE: Replace Adult Center based on FEMA 50% rule **In progress**
BUDGET: $9,242,173
FUNDING SOURCE: DFA Grant & FEMA Reimbursable
EST. COMPLETION:
PROJECT STATUS: Design 0%

Considering input from the community on new site options and amenities for the Adult Center

ROSWELL
Engineering

September 2026

ANNUAL MAINTENANCE MONTHLY REPORT

ITB-26-005

Location	Work Performed	Sidewalk		Curb & Gutter (Linear feet)	ADA Detector Plate (per job)	ADA Ramps (per job)	Drive Pad/Fillet (per job)	Water Valve Adj. (each)	Manhole Adj. (each)	Structural Concrete (yd^3)	Plant Mix Bitumunious Pavement (tons)	Work order cost
		(yd^2)	(L.F.)									
E Mescalero Rd	DP						1					$ 1,125.47
SW Corner of Hinkle & Alameda (Nancy Lopez Elem)	SWK, CG, PMBP, WV-ADJ		25	21	1	1		1			2.1	$ 7,729.89
Union St New Valve Insert	WV-ADJ								2.25			$ 1,851.43
2806 Delicado DR	SWK		25									$ 1,503.88
909 N Union	SWK, CG		10	8.6								$ 1,107.61
103 Three Crosses	DP, CG			6.3			1					$ 2,401.99
N Union & 5TH Street	SWK, CG, PMBP, WV-ADJ		20	42			1	1			22.2	$ 20,744.69
3 Petro Dr	SWK, CG		13	10				1				$ 3,636.17
711 N Garden	DP. SWK, CG		8	20			1					$ 17,310.34
1708 W Juniper	SWK		25									$ 1,336.28
218 N Main	SWK		5									$ 131.01
1301 Sunsewt Pl	SWK, CG, DP		8	15.5			1					$ 10,425.94
Pear & Greenwood	SWK, CG, PMBP, WV-ADJ		15	27	1	1	1	3			13	$ 17,979.45
		0	154	150.4	2	2	6	6	2.25	0	37.3	$ 87,284.15

Sidewalk	SW
Curb & Gutter	C&G
Valley Gutter	VG
ADA Ramps	ADA-R
Drive Pad	DR
Parking Lot	PL
Plant Mix Bitumunious Pavement	PMBP
Structural Concrete	SC
Water Valve Adjustment	WV-ADJ

September 2026 Engineering Highlights Report

Community Development Support

Development Reviews
- 1905 W. 4th
- 3905 SE Main
- 1208 N Grand

Sewer/Utility Cuts
- 1409 S Bonita
- 1302 W. Deming
- 2005 SE Main
- 113 E Mathews

Property/Plat Reviews
- 12 W. Challenger
- 2920 N Main
- Sycamore & College
- 2620 W 2nd

Driveway, Sidewalk, Fence or Curb Reviews Inspections
- None for September

Zoning Site Reviews:
- None for September

ADA Reviews
- None for September

Traffic/Speed Reviews & Complaints
- West Hendricks

Infrastructure Acceptance
- None for September

Drainage Reviews
- Petro Drive

Street Light Complaints/Concerns
- None for September

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 10.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:

Department Report - Cemetery

Attachments

Cemetery Report

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ROSWELL

CEMETERY – September, 2026

Acres Maintained: 210

Staffing: 10 FTE

Number of Services for the Month: 23

- 17 Casket Burials
- 14 Cremation Burials
- 0 Veterans Cemetery Casket Burials
- 2 Veterans Cemetery Cremation Burials

Total Revenue for the Month: $41,418.50

Routine Maintenance:

- Dug, set-up, covered, and tamped for all 33 services.
- Continued mowing & trimming per schedule.
- Serviced all equipment
- Sprinklers replaced in blocks 46, 47, and 48.
- Installed 3 upright stones and 5 plaques at General Douglas McBride Veterans Cemetery.
- Leveled stones in section 39 and sunken graves throughout the cemetery (about 75 graves).

Specific Maintenance:

- Conducted a total of 33 services for the month of September.
- Special set – up for funeral service during rainy days.

Vehicle Information:

UNIT#	MILEAGE
580	137,178
581	83,439
582	20,710
583	25,213
586	84,046
587	66,936
606	88,602

Submitted by: Ruben Esquivel, Cemetery Superintendent
Approved by: Jim Burress, Special Services Director

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 11.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:

Department Report - Parks

Attachments

Parks Report

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ROSWELL

PARKS – September, 2026

Acres Maintained: 685+

Staffing: 27 FTE

Routine Maintenance:

- Mowing weekly as needed
- Checking all irrigation in parks and sports complexes
- Spraying weeds weekly
- Repairing baseball backstops in all parks for baseball season
- Trash pick-up
- Installing new tables, trash cans and BBQ grills throughout parks

Specific Maintenance:

- Tree trimming and tree removal on South Main and Hondo River.
- Set 4 concrete barriers on bike trail between Virginia and Atkinson.
- Pull and stack all t-post from air show.
- Paint football lines at Stiles for little league football.
- Remove graffiti and power wash pavilion.













P&O




ROSWELL

Vehicle Information:

UNIT#	LAST 5 OF VIN	MILEAGE
1115	59361	10,119
1043	30177	41,363
1110	11787	86,048
1335	31335	105,461
1171	05837	112,697
1106	32089	120,985
1134	02128	82,484
1136	51161	97,391
1112	31411	144,676
1109	55800	175,155
1118	03155	102,809
1107	05501	197,815
1120	16661	102,905
1122	06799	44,889
1007	49647	59,048
1194	27335	141,952
1177	63424	35,968
1113	13373	Flooded (Totaled)
1100	48327	84,810
(N/A)	31159	177,450
550	38512	136,899
503	87408	80,354

Submitted by: Rudy Chavez, Parks Superintendent
Approved by: Jim Burress, Special Services Director

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 12.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:

Department Report - Zoo

Attachments

Zoo Report

ROSWELL

ZOO – September, 2026

Highlights/Animal Care/Maintenance:

- Routine upkeep done on all the animal enclosures, the park, and non-animal areas.
- Routine animal care, including feeding, cleaning, medical care, and enrichment.
- Tooth floater came and said the mini horses' teeth look good and will come back in 6 months to do the floating.
- Lead zookeeper, Ayrin, reorganized the garage and tool rooms.
- Added another shelter inside capybara enclosure.
- Lead zookeeper trimmed up some overgrown bushes.
- Roxy, our gray fox was euthanized at the vet due to her advancing medical condition. She was a resident of the zoo for 10 years, estimated to be around 11 years old. She was a rescue who came to us from game and fish because she had been imprinted.
- Zookeepers trimmed bird beaks and talons. This is done quarterly for their beak and foot health, as well as to evaluate their body condition.
- Our bald eagle getting her beak and talons trimmed. This is dangerous procedure due to the strength of her grip and bite, so it requires two people to hold while one performs the procedure.







Submitted by: Amy Munoz,
Zoo Curator
Approved by: James Burress,
Special Services Director

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 13.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:

Department Report - Wastewater

Attachments

Wastewater

ROSWELL
Waste Water

WWTP MONTHLY REPORT FOR SEPTEMBER 2026

Sewer Crew (Collections)

PSU- STOP UPS-6

POINT REPAIR – 1

SHOT LINE DUE TO DEAD END - 0

SEWER ODOR - 2

MH LID BROKEN OR MISSING-3

TELEVISE LINE – 2

ASSIST WATER DEPT-1

SEWAGE SPILLAGE – 0

LIFT STATIONS HIGH LEVEL ALARM-5

CUSTOMER REQUEST LINE TO BE SHOT-0

WKLY MAINTENANCE SOUTHSIDE UNIT 355

WKLY MAINTENANCE NORTHSIDE UNIT 356

Sewer Crew has been using the Vactor to jet rodding the sewer lines on sewer maps to clean and maintain lines in the city. Sewer Crew is maintaining RIAC, Kids Care, Mystec, Mescalero lift stations.

Total of 6 in Department to include (2) Sr. Equipment Operators (4) Equipment Operators. (2) Vacant position Positions requires CDL class B with tank and air brake endorsement

South side sewer crew on site at air center during the week of air race's incase of sewer back up's or any other sewer problems. While north side crew handled all calls through out the city.

New Construction of Lift station began in March at RIAC lift station.

Kids Care and Mescalero lift station is serviced and maintained on weekly basis to ensure proper functionality.

PLANT OPERATORS

Monthly Plant flow –102.59 Million Gallons

Plant operator makes daily rounds and verifies and collects data of pumps and motors making adjustments to our aeration basins for blowers to maintain ammonia/nitrates and keep a healthy basin and keep plant operational. WWTP operators conduct daily operations to be vital part of treatment of wastewater for the City of Roswell. Maintenance of the entire Wastewater system completed daily by plant operators.

Groundskeeping and watering of lawns for facility has begun with repairs to sprinkler heads. Mowing, edging and weed eating are continuous for 23 acres.

We received the new John Deere front end loader middle of August for operations of turning sludge piles, loading dump truck with spoil piles to haul off to landfill.

Daily/Regular maintenance as needed on equipment

Weekly cleaning of irrigation screens.

Solids handling utilizing the new dewatering building. Solids handling is a priority for Class A sludge. Temping and turning sludge piles to release sludge to public after lab analyzed for ecoli.

Plant Operators are currently seeking certifications through UOCP (New Mexico Utility Operator Certification Program)

Total Employees 8

(1) Sr Operator

(4) WWTP Operators plant operations with one vacancy

(2) Maintenance Worker I maintain grounds and buildings

LAB

Monthly BAC- T Sampling – 60 samples required for NMED compliance City of Roswell potable water. (15) Wkly sampling for total of 4 routes for month completed. Quality Control daily analysis for wastewater operations.

23 Drinking Water Systems we oversee analysis for DWB compliance to include Alto Lakes Water, Berrendo Water, Capitan Water System, Cumberland, Fambrough, Greenfield, Town of Dexter, Leprino Foods, Roswell Landfill.

We have recently accepted other water systems to include Capitan Water System, Bonito Park Nazarene Camp, Hondo Valley School, Hondo Alsups, Wild Willys RV Park, Generation of Learning, Hobbs Country Club, Pine RV Park, RP RV Park, Morning Side Water, Eileen Acres Service Corps, Midway RV Park, Lone tree bible ranch ,Lincoln MOWCA, Ft.. Stanton Historic Site.

Our lab is a credentialed laboratory for state microbiological samples

Monthly intake of microbiological samples

16-Private Pay (Private Wells and Nice Ice, Artesia Soft Water, Culligan

Permit Requirements - DP-281

Discharging our Effluent water to farmland NMED permit DP-281 requires 3x wkly running BOD5 (biochemical oxygen demand – measure of amount of dissolved oxygen needed by microorganisms to break down organic matter in water sample over a 5day period at 20 C), E-coli, TSS (total suspended solids -dry weight of non-dissolved particles in water sample). Daily analysis of ammonia/nitrate, MLSS (mixed liquor suspended solids-total concentration of suspended solids)

(15) Monitoring Wells –3rd Quarter sampling completed in July

Total employees – 3 (1) Lead Lab Technician (1) Asst. Lab Tech with one vacancy

Lab employees are actively seeking required certifications through NMED.

Pretreatment

Completed Domestic Sampling

Restaurants -90 **Industrial Users** -2

2x Wkly sampling for Covid

Odd months test for **503.13 Sludge Samples**

Restaurant sampling for surcharge billing – 2

Sampling of restaurants was done for: Mi Casita, Martins Capitol Café, Cattle Barrons , Farley, Dunkin Donuts, Vestis

Septic pumpers that were tested were, Johnsons, Demarees, Shiny Boys

Billing surcharge restaurants and Septic pumpers monthly and deposit of checks received. Do follow up on unpaid surcharge billing and also update all files and contact information for the septic pumpers.

Monthly billing septic pumpers total of 9 (new pumper Pauley Construction)

Flores Rentals, B&D Car Wash, G&A Trucking, Johnson Septic, Demaree, Shiny Boys, Fulkerson Plumbing, RV Village, Pauley Construction

Industrial User Inspections

Total employees - (1) Pretreatment coordinator

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 14.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:
Department Report - Recreation

Attachments

Rec Report

ROSWELL
New Mexico

September 2026
Recreation Monthly Report

Recreation





FISCAL YEAR FIGURES		
	2026 September	YTD
Revenue	30,165	131,492
Attendance	7,609	27,679

ATTENDANCE CONTRIBUTORS	
Adult Center Classes & Scans	515
Rec & Aquatic Center Drop-In/Admissions	1526
Rec & Aquatic Center Member Scans	3667
Rec & Aquatic Center Programs	1901

TOP REVENUE CONTRIBUTORS	
Recreation Programs	$8,425
Recreation Memberships	$6,787

Highlights

Roswell Recreation Center

- Memberships sold: 100
- Spectator Passes sold: 35
- Union/Fire Department memberships given: 6
- Volleyball games are still going strong, with consistent turnout at Saturday games.

Roswell Aquatic Center

- Lifeguards continue monthly Inservice under the direction of Lifeguard Instructor/Aquatic Specialist and included the 300-yard swim requirement.
- Afternoon water aerobics are going great.
- There was one birthday party rental, which included 10 or more swim passes each.

Roswell Adult Center

- Our yoga instructor hosted a *Full Moon Yoga* session at Cielo, where participants had the opportunity to engage in wellness and recreation activities while enjoying the serene ambiance of a peaceful evening environment.

Vehicle Mileage

- Unit 1004/09116 – VIN# 09116 - Mileage 13,556
- Unit 1101/00494 – VIN#00494 - Mileage 56,441
- Unit 15875 – VIN#15875 – Mileage 59,688

Upcoming:

- Roswell Runaround: Citywide Scanenger Hunt 10/10
- Youth Basketball games to start in October.

PO Box 1838
Roswell, NM 88202-1838
TEL: 575.624.6720
FAX: 575.624.6889
roswell-nm.gov

Submitted by April Hunter

ROSWELL
New Mexico

Recreation

Full Moon Yoga at Cielo







Submitted by April Hunter

Roswell, NM 88202-1838

6720

FAX: 575.624.6889

roswell-nm.gov







Submitted by April Hunter

ROSWELL NEW MEXICO
COMMITTEE AGENDA ITEM ABSTRACT

Non-Action Items 15.

Infrastructure Committee
Meeting Date: 10/19/2026
COMMITTEE: Infrastructure
CONTACT: James MacCornack **CHAIR:** Darrell Johnson

DEPARTMENT NAME:

Department Report - Facility Maintenance

Attachments

09 2026 Completed Work Orders

Work Category	Source Location	Work requested	Created On	WO Status
Electrical	Animal Control	freezer in garage went out and can't find the breaker	08/31/2026 10:25:24 AM	Completed
Electrical	Animal Control	puppy room light keeps flickering	09/01/2026 02:02:25 PM	Completed
Electrical	CH Annex Floor 2	The ventilation fan in the women's restroom has stopped working. If not back on soon, the restroom will be consumed with a horrible sewer smell.	07/29/2026 11:14:19 AM	Completed
Electrical	Library	We would like to find out what type of light bulbs are needed for the staff area.	08/19/2026 11:28:30 AM	Completed
Electrical	Library	We have purchase order 22700177 at Home Depot We would like staff to order 410 HALCO 4' T8 Type B Dbl End BB DL 10P I have a copy of previous invoice and box. These bulbs are used in the public areas of the library.	08/19/2026 11:38:31 AM	Completed
Electrical	Municipal Courthouse	Llghts in the lobby will not turn on	09/28/2026 08:03:22 AM	Completed
General Facilities	All City	Light needs to be changed in file room.	10/06/2026 03:07:10 PM	Completed
General Facilities	CH Floor 2	They are expected to complete the abatement today, including the air quality inspection. The flooring contractor will begin installation tomorrow morning. Can we please schedule you to be on-site on Wednesday and Thursday to restore the Administration Office?	05/28/2026 09:43:57 AM	Completed
General Facilities	CH Floor 2	Can we please put a desk together for Bobbi Thompson? It has been delivered and is sitting outside of City Hall.	06/09/2026 11:57:34 AM	Completed
General Facilities	CH Floor 2	Good afternoon, I am requesting if we can get a few things put up on the walls here in Administration. 1.) Cork Board near coffee machine 2.) Small Cork Board above desk to the right 3.) Cubby for Agendas on wall near mail room to the right 4.) Cubby for Business cards near mail room to the left. thank you!	08/18/2026 12:59:31 PM	Completed
General Facilities	CH Floor 3	White Board from mayor's conference room to Vanessa B office	08/06/2026 01:05:58 PM	Completed
General Facilities	City Hall	Moving the Mayors desk and other furniture back into his office	09/09/2026 08:39:45 AM	Completed
General Facilities	City Hall	Help carpenters with flooring and baseboards. Install supply registers and floor. Defrost HVAC unit and change filters.	09/21/2026 03:14:16 PM	Completed
General Facilities	City Hall	One of the light covers is hanging loose in the HR conference room and needs to be put back into place please.	10/02/2026 10:08:50 AM	Completed
General Facilities	City Hall Annex	Door key pad on east side not working properly, door on west sides handicap button is not working and door inside building to water billing needs adjustment.	10/06/2026 02:40:52 PM	Completed
General Facilities	Library	Filters need to be changed and cleaned out for all Erlab air purifiers in the building. Filters are on site.	09/01/2026 11:14:59 AM	Completed
General Facilities	Stiles Park	small roof leak due to drain issues	10/02/2026 10:47:20 AM	Completed
General Facilities	Transit	Front ADA lobby door swing arm is bent and wont close. Please fix or replace. See pictures	08/10/2026 03:18:01 PM	Completed
General Facilities	Water Billing	Our front exterior door is broken again we are having to mess with the latch on top just to close and open it.	08/25/2026 04:16:23 PM	Completed
General Facilities	Water Billing	change stained ceiling tiles in Chantel's office	09/18/2026 10:53:03 AM	Completed

Work Category	Source Location	Work requested	Created On	WO Status
Heating and Cooling	City Hall	Create a dual filtration system for air handling units on first floor at City Hall for mayor's office and City manager's office	07/28/2026 02:18:09 PM	Completed
Heating and Cooling	Fire Station 5	Troubleshoot, diagnose, repair and replace parts as needed	08/05/2026 09:40:39 AM	Completed
Heating and Cooling	Airport Bldg 611	Check condensate line for big unit on west side of building	08/14/2026 02:09:53 PM	Completed
Heating and Cooling	Library	Power outage at transformer, was instructed turn off HVAC units until power restored. And verify clean power, cycle units, and make sure nothing was burnt out or severely damaged.	08/17/2026 06:14:24 PM	Completed
Heating and Cooling	City Hall	Power outage occurred at approximately 4 PM on 8/17 2026.	08/18/2026 02:00:53 PM	Completed
Heating and Cooling	Fire Station 1	Check power to HVAC units, Due to power outage.	08/18/2026 02:05:57 PM	Completed
Heating and Cooling	Facility Maintenance Shop	Facility maintenance mini spilt in bosses office not cooling properly	08/25/2026 07:16:38 AM	Completed
Heating and Cooling	Zoo	Swamp cooler leaking. Troubleshoot diagnose, repair and replace as needed any parts and equipment	09/24/2026 04:05:48 PM	Completed
Heating and Cooling	Animal Control	its 90 degrees in the back and its set at 70 degrees	08/14/2026 04:20:11 PM	Completed
Heating and Cooling	Animal Control	air up front not working	08/17/2026 02:24:54 PM	Completed
Heating and Cooling	Facilities new shop	Furnace refresher and training class	09/29/2026 02:38:17 PM	Completed
Heating and Cooling	Parks New Shop	A/C is down in the breakroom at Parks Maintenance. Currently reading 84 degrees.	05/15/2026 01:32:49 PM	Completed
Heating and Cooling	Special Electronics	Main mini split system down. Troubleshoot, diagnose, repair and replace as needed,	08/31/2026 02:45:13 PM	Completed
Heating and Cooling	Waste Water Treatment Plant	The AC unit at the Lab on the water side does not seem to be cooling, please send someone.	08/13/2026 07:05:48 AM	Completed
Heating and Cooling	Water Maintenance	AC not working properly	10/02/2026 08:48:42 AM	Completed
Planned	City Hall	Lower flags to half staff on 9/11 and raise flags on 9/14	09/14/2026 08:19:44 AM	Completed
Plumbing	Animal Control	GARAGE IS CLOGGED NOT DRAINING CORRECTLY	06/26/2026 09:14:41 AM	Completed
Plumbing	Animal Control	FRONT LOBBY BATHROOM CLOGGED	09/14/2026 08:22:28 AM	Completed
Plumbing	Landfill	Men's toilet is not flushing at all. The one not in the handicap stall.	09/08/2026 01:39:30 PM	Completed
Plumbing	Noon Op	Wax rings need to replaced	09/01/2026 01:28:09 PM	Completed
Plumbing	Noon Op	Wax rings need to replaced	09/01/2026 01:56:59 PM	Completed
Plumbing	Police	The women's upstairs north restroom sink does not have any water. I believe this was put in 3 or 4 months ago, but it is still not fixed. Thank you.	08/31/2026 01:02:50 PM	Completed
Plumbing	RFD Station 4	Women's sink stopped up	09/30/2026 01:09:44 PM	Completed
Plumbing	Zoo	Urgent- Zoo public restrooms out of order	10/05/2026 07:17:21 AM	Completed
Plumbing	Zoo	Stopped up sewer line in the restrooms.	10/06/2026 11:15:56 AM	Completed
Safety	Convention Center	Reinforce fence mesh on chain link fence	09/03/2026 03:08:05 PM	Completed
Safety	Public Affairs	Flooring in hallway is warping in front of the water bottle filler as well as in the hallway by the front reception area. I wanted to bring this to your attention before the issue escalates.	09/30/2026 09:28:02 AM	Completed
Safety	Water Billing	The back door into the building is not working properly. Need access to get into the building besides through the front doors or doors to Streets.	09/30/2026 08:48:21 AM	Completed