



**REGULAR MEETING OF THE
BARTLESVILLE CITY COUNCIL**

Monday, January 6, 2025

5:30 p.m.

City Hall, Council Chambers
401 S. Johnstone Avenue
Bartlesville, OK 74003

Jim Curd, Jr., Mayor
918-338-4282

AGENDA

- 1. Call to order the business meeting of the Bartlesville City Council by Mayor Curd.**
- 2. Roll Call and Establishment of a Quorum.**
- 3. The Invocation will be provided by Dr. Jason Fullerton, Pastor, Spirit Church.**
- 4. Citizens to be heard.**
- 5. City Council Announcements and Proclamations.**
 - Crime Stoppers Month- January 2025. Presented by Vice Mayor Dorsey.
- 6. Authorities, Boards, Commissions and Committee Openings**
 - One opening on the Bartlesville Library Board.
 - One opening on the Bartlesville Museum Trust Authority.
 - One opening on the Bartlesville Water Resources Committee (Ward 4 Representative).
 - One opening on the Construction & Fire Code Appeals Board.
 - One opening on the Sewer System Improvements Oversight Committee.
- 7. Consent Docket**
 - a. Approval of Minutes**
 - i. The Regular Meeting Minutes of December 2, 2024.
 - ii. The Special Workshop Meeting Minutes of December 5, 2024.
 - b. Approval or Ratification of Appointments and Reappointments to Authorities, Boards, Commissions and Committees.**
 - i. Appointment of Ms. Michelle Young to a three-year term on the Park Board at the recommendation of Mayor Curd.
 - ii. Appointment of Mr. Phil Bates to a three-year term on the Ambulance Commission at the recommendation of Mayor Curd.
 - iii. Reappointment of Mr. Harry Deathe to an additional three-year term on the Community Center Trust Authority at the recommendation of Councilmember Sherrick.
 - iv. Reappointment of Mr. Jordan Gentges and Mr. Frank Villarruel to additional three-year terms on the Street and Traffic Committee at the recommendation of Councilmember East.
 - v. Reappointment of Ms. Melanie Bayles to an additional three-year term on the Bartlesville Area History Museum Trust Authority at the recommendation of Councilmember Kirkpatrick.

- vi. Reappointment of Mr. Gary Collins and Mr. Thomas Montgomery to additional three-year terms each on the Ambulance Commission at the recommendation of Mayor Curd.
- vii. Appointment of Ms. Rebecca Stephenson to fill an unexpired term on the Park Board at the recommendation of Mayor Curd.

c. Approval of Resolutions

- i. Amending the budget of the City of Bartlesville for fiscal year 2024-2025 appropriating Private Donations from multiple agencies for the Fire Department.
- ii. Amending the budget of the City of Bartlesville for fiscal year 2024-2025 appropriating unanticipated revenue in the Restricted Revenues Fund for the use of grant funds from the Energy Efficiency and Conservation Block Grant (EECBG) Program.
- iii. Amending the budget of the City of Bartlesville for fiscal year 2024-2025 appropriating funds from the Lyon Foundation to the CIP Sales Tax Fund.

d. Approval of Agreements, Contracts, Engagement Letters, Leases, MOU's, and Proposals.

- i. Citizenship Grant Contract between the Oklahoma Department of Libraries and the City of Bartlesville/Bartlesville Public Library in the amount of \$14,000 to fund the salary of the Immigration/Citizenship Literacy Assistant.
- ii. Short Form Contract with Strong Roofing & Construction and the City of Bartlesville in the amount of \$66,790.00 to replace the roofs on Fire Station 3 (3501 SE Price Road) and Fire Station 4 (100 S. Madison Blvd.)
- iii. Agreement with Local Government Testing Consortium and the City of Bartlesville to administer the random drug and alcohol tests for all applicable City employees that meet the Substance Abuse Policy guidelines, at \$65.00 per person.
- iv. Service Agreement extension between United Community Action Program for the CityRide community transportation program and the City of Bartlesville in the amount of \$55,000 annually.
- v. Service Agreement with Up With Trees and the City of Bartlesville to work with Keep Bartlesville Beautiful to identify suitable planting locations, develop a planting plan, secure necessary permissions from ODOT, and once approved, handle all aspects of planting, including utility locates, procurement, planting and initial maintenance of the trees in the amount of \$15,000 provided by Phillips 66 grant funds.
- vi. Amendment #4 to the Professional Service Agreement with Tetra Tech, Inc. for engineering services for the Wastewater Treatment Plant Expansion and the Limestone to Chickasaw Transport Corridor.
- vii. Agreement with Ochelata Rural Fire Department for antenna and repeater installation on City-owned water tower (South Tower) for dispatching and communications.

e. Approval of Appointment of Authorized Agent

- i. Appointment of Ms. Robin Betts to serve as the Authorized Agent for the City of Bartlesville's Defined Benefit and Defined Contribution Retirement Plans administered through the Oklahoma Municipal Retirement Fund due to her appointment as Human Resources Director.

- f. Receipt of Bartlesville NEXT Progress Report**
 - i. Bartlesville NEXT Progress Report – December 2024
- g. Receipt of Financials**
 - i. Interim financials for four months ending October 31, 2024.
 - ii. Interim financials for five months ending November 30, 2024.
- 8. Public hearing and possible action on a request for a new Planned Unit Development (PUD) and Site Development Plan for 1.43 acres, zoned C-7 (Highway Commercial), at the northwest corner of Nowata Rd/US Hwy 60 and Madison Blvd. Presented by Larry Curtis, Director of Community Development.**
- 9. Discuss and take possible action on utilization of the building at Centennial Park for a Start-Up Incubation Program to be managed by the Park Board. Presented by Larry Curtis, Director of Community Development.**
- 10. Presentation on the long-term water supply options at Hulah Lake, Copan Lake, Ada-Vamoosa Aquifer and Kaw Lake. Presented by Terry Lauritsen, Director of Water Utilities.**
- 11. Discuss and take possible action to approve a Resolution to amend the Unsheltered Homeless Task Force Resolution #3277, and to approve the appointment of the Task Force membership as presented in the proposed Resolution. Presented by Mike Bailey, City Manager.**
- 12. New Business**
- 13. City Manager and Staff Reports.**
- 14. City Council Comments and Inquiries.**
- 15. Adjournment.**

The Agenda was received and filed in the Office of the City Clerk and posted in prominent public view at City Hall at 5:30 p.m. on Tuesday, December 31, 2024.

Jason Muninger

Jason Muninger, City Clerk/CFO

/s/ Elaine Banes

by Elaine Banes, Deputy City Clerk

City of Bartlesville Website: <https://www.cityofbartlesville.org/city-government/city-council/meeting-agendas/>

Live Streaming: <https://www.cityofbartlesville.org/city-government/city-council/webcast/>

Cable Viewing on Sparklight: Channel 56

Open Meetings Act Compliance (25 O.S. Sec. 301 et seq.): all discussion items are subject to possible action by the City Council. Official action can only be taken on items which appear on the agenda. The City Council may adopt, approve, ratify, deny, defer, recommend, amend, strike, or continue any agenda item. When more information is needed to act on an item, the City Council may refer the matter to the City Manager, Staff or City Attorney, or back to a committee or other recommending body. Under certain circumstance, items are deferred to a specific later date or stricken from the agenda entirely. Agenda items requiring a public hearing as required by law will be so noted. The City Council may at their discretion change the order of the business agenda items. City of Bartlesville encourages participation from all its citizens. If participation at any public meeting is not possible due to a disability, notification to the City Clerk at least one working day prior to the scheduled meeting is encouraged to make the necessary accommodations. The City may waive this rule if signing is not the necessary accommodation.



Official Proclamation

Crime Stoppers Month January 2025

Whereas, Northeast Oklahoma Crime Stoppers is a non-profit organization funded primarily by private donations; and

Whereas, Members of the community, media and law enforcement came together in partnership to begin the effort to provide crime-solving assistance to law enforcement, and the first Crime Stoppers program was established on September 8, 1976 in Albuquerque, New Mexico after the armed robbery of a Phillips 66 station; and

Whereas, Northeast Oklahoma Crime Stoppers has paid cash rewards to individuals providing information leading to over 560 arrests and the recovery of over \$2,212,000 of contraband and recovered stolen property since 1982; and

Whereas, Northeast Oklahoma Crime Stoppers benefits the citizens and the business communities in and around the City of Bartlesville by partnering with them and with surrounding law enforcement agencies; and

Whereas, the Bartlesville Police Department and the Washington County Sheriff's Department fully support the efforts of Northeast Oklahoma Crime Stoppers.

Now Therefore, the Bartlesville City Council, does hereby officially proclaim the month of January 2025 as Northeast Oklahoma Crime Stoppers Month in the City of Bartlesville.

In Witness Whereof, we hereunto set our hands and cause the Official Seal of the City of Bartlesville, Oklahoma, to be affixed this 6th day of January, in the year of our Lord two thousand and twenty-five.

Jim Curd, Jr., Mayor



City Hall, Council Chambers
401 S. Johnstone Avenue
Bartlesville, OK 74003

**REGULAR MEETING OF THE
BARTLESVILLE CITY COUNCIL**

**Monday, December 2, 2024
5:30 p.m.**

**City Attorney, Jess Kane
918-338-4282**

MINUTES

(The Notice of Meeting was posted Dec. 15, 2023 and the Agenda was posted Nov. 27, 2024 at 5:30 p.m.)

City Council in attendance was Jim Curd, Jr., Trevor Dorsey, Tim Sherrick, Larry East and Aaron Kirkpatrick.

City staff in attendance was Mike Bailey, City Manager; Laura Sanders, Assistant City Manager; Jess Kane, City Attorney; Jason Muninger, CFO/City Clerk; Terry Lauritsen, Director of Water Utilities; Micah Siemers, Director of Engineering; Keith Henry, Director of Public Works; Kelli Williams, Chief Communications Officer; Police Chief Kevin Ickleberry; Fire Chief H.C. Call; Mike Richardson, Director of the Municipal Airport; Matt McCollough, Director of I.T.; Larry Curtis, Director of Community Development; Robin Betts, Director of H.R.; Kiley Roberson, Director of the Library and History Museum; Micah Snyder, Planner, Community Development; Mitch Lucas, Building Maintenance Supervisor; and Elaine Banes, Executive Assistant.

- 1. The business meeting of the Bartlesville City Council was called to order by City Attorney, Jess Kane, at 5:30 p.m.**
- 2. Mr. Kane administered the Oath of Office to Mr. Tim Sherrick, Ward 1, Mr. Larry East, Ward 2, Mr. Jim Curd, Jr., Ward 3, Mr. Aaron Kirkpatrick, Ward 4, and Mr. Trevor Dorsey, Ward 5.**
- 3. Roll Call was conducted a quorum established.**
- 4. The Invocation was provided by Pastor Jason Elmore, Friday Nite Church and President of the Bartlesville Ministerial Association.**
- 5. Citizens to be heard.**

Eddie Collins thanked the new Councilmembers for their service. He then provided comments on the Constitution and the resolution he read to the City Council at the November 4, 2024 meeting regarding opposition to flock cameras. He requested a sworn affidavit from a Councilmember or from City Administrator stating that there is a 100% guarantee that the data obtained by the flock cameras will not be distributed to any outside entities.

Shelle Griffith stated her opposition to the Comprehensive Plan and to the flock camera system. She also voiced her preference for Tim Sherrick as Mayor.

Michael Stadelmaier provided comments about the City Council election, his opinion for a need in a change of leadership, and that he supports Tim Sherrick for Mayor and Aaron Kirkpatrick as Vice Mayor.

Sarah Burnett provided comments on the City Council election, the Charter election, her perception of how the community would like new leadership, and that she supports Tim Sherrick for Mayor.

Joshua Lock stated his opposition to the flock cameras and how, in his opinion, the system collects data that affects citizen's privacy. He asked that at the next City Council meeting, that the Council reaffirm its commitment to privacy of citizens and went on to provide additional actions he felt need to be taken to rescind the agreement and remove the cameras. He concluded that he supports Tim Sherrick as Mayor.

Melanie Miller provided comments on the City Council election, leadership changes, and her support for Tim Sherrick for Mayor and reasons why she felt he would be qualified.

Dale Earhart stated his opposition to the flock camera system such as the broader collection than just license plate information.

Joel Rabin noted that his comments are to the new members and congratulated them. He spoke in opposition of the Comprehensive Plan and set out actions he would like for them to take regarding it. He concluded with comments regarding the City Attorney.

Sherri Wilt, President of the Bartlesville Area Chamber of Commerce provided comments of how she and the Chamber works closely with the City Council and City leaders, and how well the two entities and other organization work together. She read and distributed a letter signed by 30 major Bartlesville stake holders welcoming the new City Council members, and how they recognize the strength of the City government and community is at this time. The letter included their hope to continue working together to ensure this trend will continue for years to come.

Tom Gorman, former Mayor, and past and current member on City Boards, offered his congratulations to the new councilmembers. His comments covered Bartlesville's growth and strong financial status, as well as the many large ongoing projects. He concluded that continuity in leadership is very important in the growth and success of Bartlesville.

Shawn Barker provided his opinions on Bartlesville and leadership, specifically how Mr. Curd is his best friend. He added that he felt Mr. Curd has done a lot for Bartlesville and that he did not deserve the maligning treatment he had received over his vote on the drag queen resolution. He added that he felt that Mike Bailey is the best city manager he has seen over many years, a good man. He encouraged the City Council to give a good ear to the citizens and to keep Mr. Curd or Mr. Dorsey as vice mayor for continuity concluding with his support of Mr. Sherrick as Mayor.

6. Discuss and take action on the election of Mayor.

Mr. East moved to elect Tim Sherrick as Mayor, seconded by Mr. Sherrick.

Mr. Kirkpatrick commented on the enthusiasm and sharing of perspective from citizens, then his reasons why he feels Mr. Curd should be Mayor and Mr. East as Vice Mayor. He concluded that for those reasons stated, he would not vote for Mr. Sherrick as Mayor.

Mr. Sherrick provided information about his professional career and how it provides him with tools to be a good Mayor.

Mr. Kane provided that there should be a vote on calling the previous question. There was some confusion as to what he meant, but a roll call was taken.

Voting Aye: Mr. Sherrick, Mr. East,

Voting Nay: Mr. Curd, Mr. Kirkpatrick, Mr. Dorsey

Motion: Failed

Mr. Kane announced that the previous question failed and re-opened discussion on the nomination of Mr. Sherrick for Mayor.

The previous motion stood, moved by Mr. East to elect Mr. Sherrick as Mayor, and seconded by Mr. Sherrick.

Voting Aye: Mr. East, Mr. Sherrick

Voting Nay: Mr. Curd, Mr. Kirkpatrick, Mr. Dorsey

Motion: Failed

Mr. Sherrick moved to elect Mr. Dorsey as Mayor, seconded by Mr. East.

Mr. Kirkpatrick provided comments regarding healthy and unhealthy conflict.

Mr. Kane inquired if Mr. Dorsey was willing to serve in this capacity. Mr. Dorsey provided he did not wish to be Mayor due to availability constraints his job required.

Mr. Kane inquired if Mr. Sherrick would like to modify his nomination.

Mr. Sherrick moved to nominate Mr. Curd as Mayor, seconded by Mr. Dorsey.

Voting Aye: Mr. Curd, Mr. Kirkpatrick, Mr. Dorsey, Mr. Sherrick, Mr. East,

Voting Nay: None

Motion: Passed

Mr. Kane passed the gavel to Mayor Curd who took the meeting.

Mayor Curd stated that he is extremely honored to be Mayor of Bartlesville. He expressed his appreciation for being elected and was humbled by the action. He looks forward to improved communication on all fronts.

7. Discuss and take action on the election of Vice Mayor.

Mr. Kirkpatrick moved to elect Mr. Dorsey as Vice Mayor, seconded by Mr. Dorsey.

Mr. Sherrick inquired about time commitments that may affect Mr. Dorsey if he had to fill in for the Mayor, since that was the reason he declined the Mayor nomination. Mr. Dorsey assured the Council that should he need to stand in for the Mayor, he would adjust his schedule accordingly. Mayor Curd added, at Mr. Kirkpatrick's inquiry, that during his service as Vice Mayor, it was rare that he had to fill in for the Mayor. A brief discussion covered how if the Mayor was temporarily unavailable, the Vice Mayor would fill the seat, but if the Mayor position was permanently vacated for some reason, a new election by the City Council would be held for the position.

Voting Aye: Mr. Kirkpatrick, Mr. Dorsey, Mr. East, Mayor Curd

Voting Nay: Mr. Sherrick

Motion: Passed

8. City Council Announcements and Proclamations.

- A presentation by Police Chief Ickleberry of Meritorious Award was made to Randal Florence in recognition of his exceptional courage and selflessness to ensure the safety and protection of others.

9. Authorities, Boards, Commissions and Committee Openings

- One opening on the Ambulance Commission
- One opening on the Bartlesville Library Board
- One opening on the Bartlesville Museum Trust Authority
- One opening on the Bartlesville Water Resources Committee (Ward 4 Representative)

Mayor Curd read the openings and encouraged citizens to volunteer on City Committees. Applications can be found at www.cityofbartlesville.org or at City Hall in the City Manager's Office.

10. Consent Docket

- a. Approval of Minutes
 - i. The Regular Meeting Minutes of November 4, 2024.
- b. Approval of Agreements, Contracts, Engagement Letters, Leases, MOU's, Proposals, and RFP's.
 - i. T-Hangar Aircraft Storage Agreement between BMI Aviation and the City of Bartlesville/Bartlesville Municipal Airport.
 - ii. Agreement for the Multi-Clean professional janitorial service proposal.
- c. Receipt of Bartlesville NEXT Progress Report
 - i. Bartlesville NEXT Progress Report – November 2024

Mayor Curd read the consent docket in full. Mr. Kirkpatrick removed Item 10.b.i. for further discussion.

Mr. Kirkpatrick moved to approve the consent docket with the exception of Item 10.b.i., seconded by Vice Mayor Dorsey.

Voting Aye: Mr. Sherrick, Mr. East, Mr. Kirkpatrick, Vice Mayor Dorsey, Mayor Curd

Voting Nay: None

Motion: Passed

- Item 10.b.i. Approval of Agreements, Contracts, Engagement Letters, Leases, MOU's, Proposals, and RFP's.
- i. T-Hangar Aircraft Storage Agreement between BMI Aviation and the City of Bartlesville/Bartlesville Municipal Airport.

In response to Mr. Kirkpatrick's question, Mr. Kane responded that this is a month-to-month lease. He went on to explain that the agreement is a standard form that has been in use for several years. In response to Mr. Kirkpatrick's question if the rates are locked in or can be changed, Mr. Kane stated that if rates change, the agreements will be renewed at new rates. In response to Mr. East's question regarding if utilities are included in the lease amount, Mr. Bailey stated that they were.

Mr. Kirkpatrick moved to approve Item 10.b.i., seconded by Mr. East.

Voting Aye: Mr. East, Mr. Kirkpatrick, Vice Mayor Dorsey, Mr. Sherrick,
Mayor Curd

Voting Nay: None

Motion: Passed

11. Discuss and take possible action to review and reaffirm Resolution No. 3661 Establishing a Format and Rules of Order for the Conduct of City Council Meetings. Presented by the Mayor.

Mayor Curd reported that that this is action taken at the first meeting of the new council, with Mr. Bailey providing that this action is required by City Charter, as amended in 2011, that the Council approve rules of order and code of conduct and reaffirm at the next regular meeting following a City Council election. He offered that if there is anything the Council would like to amend or have questions about, the action can be set for a later date if needed.

In response to Mr. Sherrick's inquiry on how the 10-mile radius was determined referring to Section 1.C.1. and 1.D.1., Mr. Bailey reported that former Mayor Copeland wanted to restrict comments to citizens of Bartlesville but include those who lived in close proximity. Discussion ensued on widening the radius since the City has downstream water customers, for example; how outlying customers can contact City staff with any concerns they may have; how if someone who lives outside the 10 mile radius wishes to speak, Section 1.D.i. allows the Mayor or majority of the Council to allow them to speak; Vice Mayor Dorsey's agreement to widen the agreement with conversation of changing to 20 miles; Mr. Kirkpatrick's opposition to widening it due to those who live outside Bartlesville have their own city/town governments, and that Bartlesville City Council meetings are business meetings about Bartlesville and not outlying communities. Mr. Kirkpatrick and Mr. Sherrick provided a discussion about each of their reasons why the radius should not be widened (Mr. Kirkpatrick) and why it should be widened (Mr. Sherrick).

Mr. Sherrick moved to re-affirm Resolution No. 3661 amending in Section 1.C.i. and Section 1.D.1. to widen the radius to residents residing within 20 miles, seconded by Mr. Dorsey.

After further discussion, Mr. Sherrick moved to amend his motion to re-affirm Resolution No. 3661 amending Section 1.C.i. and Section 1.D.i. to include residents of Washington County, seconded by Mr. Dorsey.

Further discussion covered if there were other downstream customers outside of Washington County that should be allowed to speak since Bartlesville does serve water

to one community in Osage County. Discussion continued with Mr. Kirkpatrick and Mr. Sherrick repeating their previous reasons for and against expanding the radius, and a brief comment about possibly expanding the 15-minute time limit.

Mayor Curd stated that there has been good discussion, and with Mr. Kane's direction, roll call vote should be taken. Mr. East asked for clarity on the motion.

The motion on the floor was confirmed that Mr. Sherrick had moved to re-affirm Resolution No. 3661 amending Section 1.C.i. and Section 1.D.i. to, "Public comment shall be limited to citizens of Bartlesville and residents of Washington County", seconded by Mr. Dorsey.

Voting Aye: Vice Mayor Dorsey, Mr. Sherrick, Mr. East, Mayor Curd

Voting Nay: Mr. Kirkpatrick

Motion: Passed

12. Discuss and take possible action to review and reaffirm Resolution No. 3226 Current Code of Ethics Policy. Presented by the Mayor.

Mayor Curd asked Mr. Bailey to provide background. Mr. Bailey reported that this action is required by City Charter that the City Council review and reaffirm the current code of ethics policy at the next regular meeting following a City Council election. He offered that if there is anything the Council would like to amend or have questions about, the action can be set for a later date.

Mr. East moved to re-affirm Resolution No. 3226 as presented, seconded by Mr. Sherrick.

Voting Aye: Vice Mayor Dorsey, Mr. Sherrick, Mr. East, Mr. Kirkpatrick, Mayor Curd

Voting Nay: None

Motion: Passed

13. Discuss and take possible action regarding City Council liaisons to Authorities, Boards, Commissions and Committees. Presented by the Mayor.

A brief discussion was held on how to proceed. The document to re-affirm was not included in the packet, and Mr. Bailey suggested each new councilmember assume the positions of their predecessors until after the Council orientation and make changes in a future meeting. At that time, the document to re-affirm and any changes in positions can be discussed and approved.

Mr. Sherrick moved that each new Councilmember assume the responsibilities of their predecessors that were held on each Authority, Board, Commission and Committee, and incumbent Councilmembers retain their positions held on each Authority, Board, Commission and Committee, pending discussion at Council orientation and taking a final vote at a later date, seconded by Mr. Kirkpatrick.

Voting Aye: Mr. Sherrick, Mr. East, Mr. Kirkpatrick, Vice Mayor Dorsey, Mayor Curd

Voting Nay: None

Motion: Passed

14. New Business

Mr. Bailey explained “New Business” which is specifically for items that could not have been foreseen prior to the required posting date and time of the agenda. There was no new business to address.

15. City Manager and Staff Reports.

Mr. Bailey reported on holiday trash schedules; Sunset Bridge now under design; water levels are good; yard debris collection is the week of December 9; and that the HWY 60/Nowata Road/Adams Blvd. rehab has been moved by ODOT from 2025 to 2027.

He concluded by thanking the former Councilmembers for their service and how the community is better for service. He also congratulated the new Councilmembers, and Mayor Curd and Vice Mayor Dorsey on their new titles.

16. City Council Comments and Inquiries.

Vice Mayor Dorsey thanked Dale Copeland, Loren Roszel and Quinn Schipper for their service on the City Council. He congratulated Mayor Curd on his new title, as well as congratulations to the new Councilmembers. He added that he appreciated how everyone ran an honorable campaign. He closed by asking Mr. Bailey for additional information on the flock cameras, and if a decision is made to have them removed, the proper and legal way of doing so. Mr. Bailey stated that Police Chief Ickleberry is going to have a public forum on the flock system.

Mr. Kirkpatrick suggested a public forum on the Comprehensive Plan in the near future.

17. There being no further business to address, Mayor Curd adjourned the meeting at 7:28 p.m.

Jim Curd, Jr., Mayor

Jason Muninger, CFO/City Clerk



**MINUTES OF THE
SPECIAL WORKSHOP MEETING
OF THE
BARTLESVILLE CITY COUNCIL**

**Bartlesville Municipal Airport in the
Terminal Building located in the Circle
Drive at the end of 401 Wiley Post Road
Bartlesville, OK 74003**

**Thursday, December 5, 2024
12:00 p.m. (noon)**

Mayor Jim Curd, Jr.

Minutes

(The Notice of Meeting and Agenda was filed at 12:00 p.m. Tuesday, December 3, 2024.)

City Council present were Mayor Jim Curd, Jr., Vice Mayor Trevor Dorsey, Councilmembers, Tim Sherrick, Larry East and Aaron Kirkpatrick.

City staff present were Mike Bailey, City Manager; Jess Kane, City Attorney; Laura Sanders, Assistant City Manager; Jason Muninger, CFO/City Clerk; Terry Lauritsen, Director of Water Utilities; Micah Siemers, Director of Engineering; Keith Henry, Director of Public Works; Matt McCollough; Director of IT; Kelli Williams, Chief Communications Officer; Kiley Roberson, Director of Library and History Museum; Robin Betts, Director of Human Resources; Larry Curtis, Director of Community Development; and Elaine Banes, Executive Administrative Assistant. Guests attending were David Wood, President of the Bartlesville Development Authority and Chris Wilson, President of the Bartlesville Redevelopment Trust Authority.

- 1. The special workshop meeting of the Bartlesville City Council was called to order at 12:10 p.m. by Mayor Curd.**
- 2. Roll call was conducted and a quorum established.**
- 3. The invocation was provided by Vice Mayor Dorsey.**
- 4. Citizens to be heard.**

There were no citizens to be heard.

- 5. Conduct Council Orientation. Presented by Mike Bailey, City Manager.**

Using PowerPoints, Mr. Bailey, Directors and Mr. Kane presented a thorough orientation covering a Council Handbook overview reviewing the executive summary, conduct, ethics and conflicts of interest, understanding municipal trust and authorities, and best practices for elected officials. Also covered was accountability of elected officials, staff accountability, form of government, role of Council, role of Manager, Council communication with City staff, how to be successful as a Councilmember, fiduciary duties, conflict of interest, code of ethics, meeting rules of conduct, Councilmember responsibilities, Trusts, Boards and Committees, special rules for Trusts, documents and processes, and the Charter and Municipal Code. Additionally covered was Accounting funds, Strategic Plan-Bartlesville NEXT, Endeavor 2045, Capital Plan and elections, current GO Bond authorizations and the half-cent sales tax extension (CIP), G.O. Bonds, CIP Sales Tax, Stabilization Reserve Fund, and the Organizational Chart. From there, every department was presented individually by their respective directors. They

introduced themselves and provided an overview of responsibility and service of their department.

Discussion on these topics covered Council communication with employees on all city related business must go through the City Manager, and in particular, union employees; how the process for city business discussions/negotiations with union employees works through the City Attorney and staff; how Council attendance at union meetings is not advised and usually not allowed for non-union members, except by invitation only according to Mr. Kirkpatrick; and how City Administration is open at all times to listen, discuss and receive input from Councilmembers.

Additional discussion covered Endeavor 2045 with Mr. Curtis responding to questions about the process from the beginning to the adoption. He provided that the Plan was reviewed by City Planning Commission and City Council several times as well as by the Advisory Committee and the public; the statistics of citizens who responded to the survey; how the Plan was adopted with a 30-day comment period (which ended on this date 12/5/24); and how Vice Mayor Dorsey served on the Advisory Committee and he listed the diverse membership of the committee. Further discussion included the possibility of holding an additional public meeting; Mr. Curtis offering training to the Council members on planning and development and the process involved; and that the questions staff received when they attended a recent WCGOP meeting and responses to those questions will be copied to Councilmembers.

A brief discussion explained concrete vs asphalt rebuilt streets; if bridge engineering could possibly be brought in-house; how there are seven bridges in our community with four of the bridges owned and maintained by ODOT; and water pricing from Hulah and Copan lakes.

Information designated as “Hot topics” was presented. Water and Wastewater by Mr. Lauritsen, Utility Rate Charges by Mr. Muninger and Mr. Bailey, Economic Development/Bartlesville Development Authority by Mr. Wood, and Drag Queen Legislation by Mr. Kane were presented in detail. The discussion that ensued was mostly pertaining to the Drag Queen issue covering the different legislative cases Mr. Kane presented; options provided by Mr. Kirkpatrick such as to narrowly tailor an ordinance or to set parameters for special event permits; community standards, how they can be developed; community standards and the first amendment protections; and how the ACLU handles these cases in court and the cost to communities, with a high percentage of cities losing the case.

6. City Manager and Staff Reports.

Mr. Bailey stated that he would contact and/or meet with each council member to obtain their priorities. He thanked the Council and Directors for their attendance and participation in the orientation.

7. City Council Comments and Inquiries.

Members of the City Council thanked Mr. Bailey and the Directors for a very informative day.

8. There being no further business to address, Mayor Curd adjourned the meeting at 6:25 p.m.

(The PowerPoints are available upon request. rebanes@cityofbartlesville.org)

Jim Curd, Jr., Mayor

Jason Muninger, CFO/City Clerk

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Consider and take action on the appointment of Ms. Michelle Young to the Park Board.

Attachments:

Application – Michelle Young


II. STAFF COMMENTS AND ANALYSIS

Melanie Bayles' second full term on the Park Board ended November 2024. Michelle Young has expressed interest in serving on the Park Board with the goal of sustaining and advancing the city's beautiful park facilities. She has been involved with several organizations and events in Bartlesville over many years, especially in the realm of education, and would make a great member of the Park Board.

III. RECOMMENDED ACTION

Approve the appointment of Ms. Michelle Young to the Park Board for a three-year term.

Elaine Banes

From: ian@bitbrilliant.com
Sent: Wednesday, May 24, 2023 11:08 AM 
To: Elaine Banes
Subject: New submission from Application for City Boards, Commissions, Committees & Trust Authorities

cc: Larry Curtis
Keith Henry
Bobby Robinson

CAUTION: External Source. THINK BEFORE YOU CLICK!

Please check the ones you wish to serve on:

- Park Board

Name

Michelle Young

Address

2808 Montrose Dr
Bartlesville, Oklahoma 74006
[Map It](#)

Home Phone

(918) 850-5025

Cell Phone

(918) 850-5025

Email

m_r_young@yahoo.com

Ward Number

Ward 2

What in your background qualifies you for service on the committees chosen (volunteer work, education, employment)?

Have been a Community Volunteer for 16 years of experience in communications, social perceptiveness and administrative. Worked in Pre-school and Pre-K and education for 15 years. I am not afraid to jump in and help where and when ever needed.

Tell us about your previous community involvement and the duration of your involvement.

MOPS--(Mothers of Preschoolers) Curriculum Coordinator 2006-2010
BFBC--VBS and Sunday School leader 2009-2017
PTO--Treasurer 2008-2012, Secretary 2014-2020
Bartlesville High School Quarterback Club--Vice President 2018-2019, President 2020-2021
Pre-School Teacher--2009-2019
Substitute Teacher--2020
YMCA team Mom--2007-2017
Library Assistant BPS--2020-2023
Colonial Estates HSA Volunteer--2022-present
Many events I have organized and lead, doing public speaking, doing everything it takes to make it a success.

What would you like to see this board, commission, committee or authority accomplish?

I would love to see the continuation of the beauty and care of the City of Bartlesville. I feel our parks are some of the bests around in Green Country. The upkeep of our city is something that residents and visitors see every day. This is a huge task that takes many people, I would love the opportunity to serve on the Park Board.

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and take action to appoint Phil Bates a three-year term on the Ambulance Commission.

II. STAFF COMMENTS AND ANALYSIS

The Bartlesville Police Department staff recommends the appointment of Phil Bates. Mr. Bates has previously managed the Bartlesville Airport, he has served on several community boards; including the Bartlesville Area History Museum Trust, Street and Traffic Committee and the White Rose Cemetery Board. Mr. Bates is qualified and willing to serve.

III. RECOMMENDED ACTION

Staff recommends the appointment of Phil Bates as an Ambulance Commission Board Member at the next available City Council meeting.

Elaine Banes

From: no-reply@bitbrilliant.com
Sent: Tuesday, June 11, 2024 11:16 PM
To: Elaine Banes
Subject: New submission from Application for City Boards, Commissions, Committees & Trust Authorities

CAUTION: External Source. THINK BEFORE YOU CLICK!

Please check the ones you wish to serve on:

- Ambulance Commission

Name

Phil Bates

Residential Address

4759 Lewis Drive
Bartlesville, Oklahoma 74006
[Map It](#)

Cell Phone

(918) 214-3570

Email

batesphil966@gmail.com

Ward Number

2

What in your background qualifies you for service on the committees chosen (volunteer work, education, employment)?

Previously have managed the Bartlesville Airport while working for ConocoPhillips 2006-2013

Tell us about your previous community involvement and the duration of your involvement.

Have served on the Doenges Stadium Operating Committee; Bartlesville Area History Museum Trust; Street and Traffic Committee; National BiPlane Fly In Expo 2003-2013; White Rose Cemetery Board.

What would you like to see this board, commission, committee or authority accomplish?

Proper cost and management of The Bartlesville Ambulance Service

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and take action to reappoint Mr. Harry Deathe to an additional three-year term on the Community Center Trust Authority.

II. STAFF COMMENTS AND ANALYSIS

Mr. Deathe has been a valuable member of the Community Center Trust Authority, and has agreed to an additional term.

III. RECOMMENDED ACTION

Councilmember Sherrick and CCTA staff recommends the reappointment of Harry Deathe at the next available City Council meeting.



I. SUBJECT, ATTACHMENTS, AND BACKGROUND

A. SUBJECT:

Re-Appointment of Frank Villarruel to the Street and Traffic Committee at the recommendation of Councilman East.

ATTACHMENTS:

Email correspondence from Mr. Villarruel wanting to serve another term.

II. STAFF COMMENTS AND ANALYSIS.

Mr. Villarruel was appointed to the Street and Traffic Committee in October, 2021. He was appointed to served a 3 year term on the committee which expired October, 2024. He is willing to serve another 3 year term.

Staff recommends the re-appointment of Mr. Villarruel to the Street and Traffic Committee.



I. SUBJECT, ATTACHMENTS, AND BACKGROUND

A. SUBJECT:

Re-Appointment of Jordan Gentges to the Street and Traffic Committee at the recommendation of Councilman East.

ATTACHMENTS:

Email correspondence from Mr. Gentges wanting to serve another term.

II. STAFF COMMENTS AND ANALYSIS.

Mr. Gentges was appointed to the Street and Traffic Committee in October, 2021. He was appointed to served a 3 year term on the committee which expired October, 2024. He is willing to serve another 3 year term.

Staff recommends the re-appointment of Mr. Gentges to the Street and Traffic Committee.



I. SUBJECT, ATTACHMENTS, AND BACKGROUND

City Council consideration for the reappointment of Melanie Bayles to the Bartlesville Area History Museum Trust Authority

II. STAFF COMMENTS AND ANALYSIS

I would like to recommend the reappointment of Melanie Bayles to the Bartlesville Area History Museum Trust Authority. She is a valued resource for the BAHMTA and the work it does for our community

IV. RECOMMENDED ACTION

I, and Councilmember Kirkpatrick, recommend the reappointment of Melanie Bayles to the Bartlesville Area History Museum Trust Authority.



I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and take action to reappoint Gary Collins and Thomas Montgomery to an additional three-year term on the Ambulance Commission.

II. STAFF COMMENTS AND ANALYSIS

The Bartlesville Police Department staff recommends the reappointment of Gary Collins and Thomas Montgomery. Mr. Collins and Mr. Montgomery have served their initial term well, providing valuable input to the committee. They are qualified and willing to serve.

III. RECOMMENDED ACTION

Staff recommends the reappointment of Gary Collins and Thomas Montgomery for a second term at the next available City Council meeting.

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Consider and take action on the appointment of Ms. Rebekah Stephenson to the Park Board.

Attachments:

Application – Rebekah Stephenson

II. STAFF COMMENTS AND ANALYSIS

Ben Rovenstine has resigned from serving on the Park Board. Rebekah Stephenson has expressed interest in serving on the Park Board with the goal of making Bartlesville a more beautiful, attractive city. She has been involved with volunteering at the Bartlesville Farmers Market, she is also a Master Gardener, maintains the flower bed at the north entrance of the Bartlesville Public Library, and would make a great member of the Park Board.

III. RECOMMENDED ACTION

Approve the appointment of Ms. Rebekah Stephenson to the Park Board for the remainder of the term, expiring February 2026.

Micah Snyder

Subject: FW: New submission from Application for City Boards, Commissions, Committees & Trust Authorities

From: no-reply@bitbrilliant.com <no-reply@bitbrilliant.com>

Sent: Wednesday, September 11, 2024 4:13 PM

To: Elaine Banes <rebanes@cityofbartlesville.org>

Subject: New submission from Application for City Boards, Commissions, Committees & Trust Authorities

CAUTION: External Source. THINK BEFORE YOU CLICK!

Please check the ones you wish to serve on:

- Bartlesville Convention & Visitors Bureau
- Park Board

Name

Rebekah Stephenson

Residential Address

1801 S Madison Blvd
Bartlesville, Oklahoma 74006
[Map It](#)

Cell Phone

(918) 332-0993

Email

tulsachinahutch@gmail.com

What in your background qualifies you for service on the committees chosen (volunteer work, education, employment)?

I am currently a Washington County Master Gardener. I have lived in Bartlesville for four years and would like to contribute to the community in a way that promotes Bartlesville to outside visitors and makes Bartlesville a wonderful place for the current residents. I have a bachelor's in Public Relations and Advertising and my husband has worked for Channel 6 for the past 25 years so I am familiar with many aspects of promoting community events. I am also interested in the parks board because I have seen the difference beautiful, well planned parks can make. For my community service hours for the Master Gardener program I helped design a small enclosed garden at Eldercare. I would like to help design and put in public garden spaces around Bartlesville that can withstand the tough Oklahoma climate as well as be an oasis for the community.

Tell us about your previous community involvement and the duration of your involvement.

I have volunteered at the Bartlesville Farmers Market about 4 times this season at the Master Gardener booth. I planted and maintain a library bed at the Bartlesville Library at the north entrance. I have volunteered at the Washington County Free Fair this past weekend. I helped design a small enclosed garden for Eldercare that the physical therapy patients look out on while they are doing their therapy. I wrote an article for Eldercare's magazine on How to Design a Therapeutic Garden. It will be published in October.

What would you like to see this board, commission, committee or authority accomplish?

I would like to see them accomplish their objectives, one of which would undoubtedly be to make Bartlesville a more beautiful, attractive city that is the gem of the region.

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

A resolution amending the budget of the City of Bartlesville for fiscal year 2024-25 appropriating Private Donations from multiple agencies for the Fire Department.

Attachments:

A resolution amending the Budget for the City of Bartlesville for fiscal year 2024-2025. Appropriating Donation Revenue for the Fire Department.

II. STAFF COMMENTS AND ANALYSIS

The City of Bartlesville Fire Department received a \$5,000 donation from Patriot Chevrolet for the Chevy First Responder sponsorship. These funds must be appropriated prior to their expense.

III. BUDGET IMPACT

Budgetary impact nets zero, \$5,000 increase in revenue and \$5,000 increase in expenditure.

IV. RECOMMENDED ACTION

Staff Recommends approval of resolution to appropriate funds.

RESOLUTION _____

A RESOLUTION AMENDING THE BUDGET OF THE CITY OF BARTLESVILLE, OKLAHOMA FOR FISCAL YEAR 2024–2025, APPROPRIATING UNBUDGETED REVENUE FOR THE GENERAL FUND.

WHEREAS, THE City of Bartlesville has received donation funds from Patriot Chevrolet in the amount of \$5,000; and

WHEREAS, the City of Bartlesville needs to appropriate \$5,000 of these revenues prior to their expenditure;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF BARTLESVILLE, OKLAHOMA that:

The Fire Dept (250) of the General Fund (101) shall be increased as follows:

General Supplies (53310)	\$	5,000
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APPROVED BY THE CITY COUNCIL AND SIGNED BY THE MAYOR OF THE CITY OF BARTLESVILLE THIS 6th DAY OF JANUARY, 2025.

Mayor

Attest:

City Clerk

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and take possible action to approve a Resolution amending the Budget for the City of Bartlesville, Oklahoma for Fiscal Year 2024-2025 appropriating unanticipated revenue in the Restricted Revenues Fund for the use of grant funds from the Energy Efficiency and Conservation Block Grant (EECBG) Program for the purchase of four (4) electric vehicles.

Attachments: Resolution

II. STAFF COMMENTS AND ANALYSIS

The City of Bartlesville has been awarded \$76,320 from the U.S. Department of Energy for the purchase of four (4) electric vehicles. All four vehicles are electric cart-style vehicles. Two of these vehicles will be used by the Police Department for use with the Crisis Intervention Response Team (CIRT) Program along the Pathfinder Parkway Trail System. Two of the vehicles will be used by the Golf Course for course maintenance. In order to accept this funding, a budget amendment must be approved. The attached resolution authorizes a budget amendment to the Restricted Revenues Fund (243). Approval of this resolution acknowledges receipt of the grant funding and authorizes staff to purchase the four vehicles in accordance with the City's purchasing policies.

III. BUDGET IMPACT

There is no impact to the current budget.

IV. RECOMMENDED ACTION

Staff recommends approval of the budget resolution as presented.

RESOLUTION _____

A RESOLUTION AMENDING THE BUDGET OF THE CITY OF BARTLESVILLE, OKLAHOMA FOR FISCAL YEAR 2024-2025, APPROPRIATING UNANTICIPATED GRANT REVENUE IN THE RESTRICTED REVENUES FUND FOR THE ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) PROGRAM.

WHEREAS, the City of Bartlesville has received unbudgeted grant funding in the amount of \$76,320; and

WHEREAS, the City of Bartlesville needs to appropriate \$76,320 of these revenues prior to their expenditure;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF BARTLESVILLE, OKLAHOMA that:

The Restricted Revenues Fund (243) of the Police Department (270) shall be increased as follows:

Vehicles and Off Road Equipment	\$ 38,160
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The Restricted Revenues Fund (243) of the Municipal Golf Course (445) shall be increased as follows:

Vehicles and Off Road Equipment	\$ 38,160
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APPROVED BY THE CITY COUNCIL AND SIGNED BY THE MAYOR OF THE CITY OF BARTLESVILLE THIS 6th DAY OF JANUARY, 2025.

Mayor

Attest:

City Clerk

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

A resolution amending the budget of the City of Bartlesville for fiscal year 2024-25 appropriating funds from the Lyon Foundation to the CIP Sales Tax Fund.

Attachments:

A resolution amending the Budget for the City of Bartlesville for fiscal year 2024-2025. Appropriating Lyon foundation Revenue for the CIP Sales Tax Fund

II. STAFF COMMENTS AND ANALYSIS

The City of Bartlesville has received \$250,000 from the Lyon Foundation to help assist with the cost of the Adams Municipal Golf Course Greens rebuild project. The City very much appreciates the Lyon Foundation for their continued community partnership, as they have aided in numerous projects over the years.

III. BUDGET IMPACT

Budgetary impact nets zero but is vital to the scope of this project, \$250,000 increase in revenue and \$250,000 increase in expenditure.

IV. RECOMMENDED ACTION

Staff Recommends approval of resolution to appropriate funds.

RESOLUTION _____

A RESOLUTION AMENDING THE BUDGET OF THE CITY OF BARTLESVILLE, OKLAHOMA FOR FISCAL YEAR 2024–2025, APPROPRIATING UNBUDGETED REVENUE FOR THE CIP SALES TAX FUND.

WHEREAS, THE City of Bartlesville has received a revenue from the Lyon Foundation in the amount of \$250,000; and

WHEREAS, the City of Bartlesville needs to appropriate \$250,000 of these revenues prior to their expenditure;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF BARTLESVILLE, OKLAHOMA that:

The Golf Dept (445) of the CIP Sales Tax Fund (449) shall be increased as follows:

Other Improvements (55310)	\$ 250,000
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APPROVED BY THE CITY COUNCIL AND SIGNED BY THE MAYOR OF THE CITY OF BARTLESVILLE THIS 6th DAY OF JANUARY, 2025.

Mayor

Attest:

City Clerk

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and approve the Citizenship Grant Contract between the Oklahoma Department of Libraries and the City of Bartlesville/Bartlesville Public Library

Attachments: Citizenship Grant, # F-25-065
Claim Form

II. STAFF COMMENTS AND ANALYSIS

The annual Citizenship Grant (\$14,000) funds the salary of the Immigration/Citizenship Literacy Assistant. She promotes citizenship by providing the resources, information, and training to area residents. She hosts five classes each week: two Citizenship Classes, a Spanish Conversation Class, and two ELL (English Language Learners) Classes.

The Citizenship program has helped numerous residents earn US Citizenship, and has assisted learners from 57 countries so far.

III. RECOMMENDED ACTION

Staff recommends City Council approval of the Citizenship Grant.

CONTRACT
BETWEEN OKLAHOMA DEPARTMENT OF LIBRARIES
AND CITY OF BARTLESVILLE

I. CONTRACTING PARTIES

The contracting parties are the Oklahoma Department of Libraries, a state agency (Department), and City of Bartlesville, a municipal government (Contractor), collectively known as the Parties.

II. TERM OF THE CONTRACT

This Contract shall begin on September 1, 2024, and shall terminate on September 15, 2025.

- a. In the event the Contractor fails to comply with the terms and conditions of this Contract, the Department may, upon written notice of such non-compliance to the Contractor, cancel the Contract effective upon receipt of notice. Such cancellation shall be in addition to any other rights and remedies provided for by law. This Contract may be terminated without cause by either party upon thirty (30) days written notice to the other party, or in accordance with the provisions set forth herein.
- b. The Parties of this contract understand and acknowledge any future contracts or renewals are not automatic nor implied by this Contract.

III. OBLIGATIONS OF THE CONTRACTOR

The Contractor shall render diligently and competently the services indicated and in the manner set forth herein which shall be binding on the Parties of this Contract.

The Contractor shall:

- a. Use grant funds to provide resources, information, and training to promote citizenship information in the community as described in the approved Immigration and Citizenship Grant proposal.
- b. Collaborate with a minimum of two community partners.
- c. Agree to and sign the *LSTA Terms and Conditions Agreement*.
- d. Publicize receipt of LSTA grant and project activities in at least three formats (newspaper, social media, website, presenter, etc.).
- e. Reference, in all publicity, the Institute of Museum and Library Services (IMLS) and ODL.
- f. Maintain signed contracts for all presenters and instructors paid with grant funds.
- g. Follow conflict of interest policy when selecting presenters, instructors, and vendors.
- h. Participate in citizenship networking calls, meetings, and training provided by the Department.
- i. Collect required statistics and maintain copies of all related print information.

- j. Expend all grant funds by July 31, 2025. Any funding not spent must be returned to the Department no later than August 15, 2025.
- k. End project activities on or before July 31, 2025.
- l. Provide at least three photos, flyers, newspaper articles, etc. for possible inclusion in the final report to IMLS.
- m. Provide a quote from a participant who benefited from the project.
- n. Submit the Final Report to the Department by August 15, 2025. The report will include a Narrative, Expenditure Report, and Programs and Statistics Report.

IV. OBLIGATIONS OF THE DEPARTMENT

The Department shall carry out the subsequent administrative responsibilities:

- a. Approve proposal, and provide a contract, *LSTA Terms and Conditions Agreement*, and claim form to the Contractor.
- b. Process grant payment to the Contractor upon receipt of notarized claim form.
- c. Provide professional development opportunities for citizenship literacy grantees.
- d. Provide technical assistance and resources as needed.
- e. Provide a means for citizenship literacy grantees to network and exchange information.
- f. Review and approve the Final Report.

V. PROJECT FUNDING

In accordance with the terms of this Contract, the Department will grant **Fourteen Thousand Dollars (\$14,000.00)** to provide support to Oklahoma's immigrant population in obtaining their citizenship.

- a. Expenditures for this project must conform to the approved budget and to applicable local, state, and federal laws and regulations, and are subject to all conditions of this Contract. Any deviations from the approved budget must be approved by the Department in writing.
- b. Payment will be made via electronic deposit within 45 days of receipt of the notarized claim form.
- c. Grant funds may not be used for entertainment, refreshments, or giveaways.
- d. The Contractor assures that expenditures under this Contract will be included in its next regular audit.

VI. GENERAL PROVISIONS

- a. Notices

Any notices to be given herein shall be sent by depositing such notice with the United States Postal Service, certified or registered mail, return receipt requested, with

sufficient postage prepaid, addressed as specified below. Notice shall be deemed effective upon receipt or refusal of delivery. Either party may at any time designate any other address by giving written notice to the other party.

As to the Department:

Oklahoma Department of Libraries
Attn: Brooklynn Bors
200 NE 18th St
Oklahoma City, OK 73105-3205

As to the Contractor:

Bartlesville Public Library Literacy
Services
Attn: Cheryl Dorris
600 South Johnstone Ave
Bartlesville, OK 74003

b. No Grant of Authority

Nothing herein shall be construed as conferring upon Contractor the authority to assume or incur any liability or obligation of any kind, expressed or implied, in the name of or on behalf of the Department. The Contractor agrees not to assume or incur any such liability without the prior written consent of the Department.

c. Performance Suspension

Performance may be suspended by either party for any act of God, war, riots, fire, explosion, strike, injunction, inability to obtain fuel, power, labor, or transportation, accident, national defense requirements, or any cause beyond the control of such party, which prevents the performance of such party. An alleged breach of this Contract by either party shall be grounds for immediate suspension of performance.

d. Liability

The Department shall not be liable for any injuries or damages to persons or property resulting from acts or omissions of the Contractor, its officers, employees, agents, or trustees, in carrying out the activities of this Contract.

e. Accident or Illness

The Contractor agrees that any accident or illness during the performance of this Contract will not be the responsibility of the Department and in no way holds the Department liable for such accident or illness.

f. Understanding Terms

The Parties hereto have read and fully understand the terms of this Contract and the *LSTA Terms and Conditions Agreement* and agree to be bound by the same.

VII. RECORDS MAINTENANCE AND ACCESS REQUIREMENTS

The Contractor agrees to keep and maintain appropriate books and records reflecting the services performed and costs and expenses incurred in connection with its performance of the services, including accounting procedures, practices or any other items relevant to this

Contract, for a period of seven (7) years from the ending date of this Contract. Upon reasonable notice, the Department, Office of the Attorney General (OAG), the State Auditor's Office, the State Purchasing Director, or their representatives, shall be entitled to any books, records, and other documents and items for purpose of audit and examination at Contractor's premises during normal business hours. The Contractor further agrees to provide appropriate access by the aforementioned parties to any subcontractor's associated records. In the event any audit, litigation, or other action involving these pertinent records is started before the end of the seven (7) year period, the Contractor agrees to retain these records until all issues arising out of the action are resolved or until the end of the seven (7) year period, whichever is later.

VIII. VENUES AND APPLICABLE LAW

If any legal action is taken to enforce the terms of this contract, the Parties agree that the venue for all legal action is Oklahoma County, Oklahoma. This contract shall be governed by and construed in accordance with the laws of the State of Oklahoma.

IX. ADDITIONAL REQUIREMENTS

- a. It is expressly agreed that the Contractor under this contract is an independent Contractor and under no circumstances shall any owners, officers, employees or volunteers of the Contractor be considered employees of the Department or the State of Oklahoma. The Contractor is responsible for all types of claims due its volunteers, employees, or any third parties. The Contractor will indemnify and hold harmless the Department and the State of Oklahoma from and against any and all claims arising out of the Contractor's, or any of the Contractor's employees' or volunteers' performance, including but not limited to the use of automobiles or other transportation.
- b. Include the following acknowledgment on any publication or presentation resulting from Contractor's participation in this grant: "This activity is supported by the Institute of Museum and Library Services (IMLS) and the Oklahoma Department of Libraries. The opinions and content of activities and materials do not necessarily reflect the position or policy of the Oklahoma Department of Libraries or IMLS, and no official endorsement should be inferred."
- c. In the event the Contractor does not comply with the terms of this contract, including the timetable, budget, and objectives, the Contractor will be given written notification of such noncompliance by the Department. The Contractor may appeal for reconsideration by providing the Department written evidence of compliance within twenty (20) days following receipt of such notification. Should noncompliance be

confirmed, the Department may take possession of items purchased under this contract for reassignment to other programs and projects.

- d. Evidence of failure to comply with the above policies shall result in a hold being placed on pending payments for all future grants until compliance can be assured.
- e. It is expressly agreed that any solicitation for, or receipt of, funds of any type by the Contractor is for the sole benefit of the Contractor and is not a solicitation for, or receipt of, funds for the Department.
- f. The Contractor will comply with regulations under the Open Meetings Act, 25 O.S. § 301 *et seq.* and the Open Records Act, 51 O.S. § 24A.1 *et seq.*
- g. The Contractor may not subcontract or assign any duties herein without the express written consent of the Department.

X. AMENDMENTS

Any alterations, additions, or deletions to the terms of this Contract shall be in writing and executed by all Parties.

XI. ENTIRE CONTRACT

This instrument, consisting of six pages, and including the *LSTA Terms and Conditions* as incorporated herein, constitutes the entire Contract between the Parties. All oral or written agreements between the Parties relating to the subject matter of this Contract have been reduced to writing and are contained herein.

XII. EXECUTION OF CONTRACT

The Contractor affirms that all information, documentation, and representations submitted in securing this Contract are true and correct to the best of their knowledge.

The Contractor certifies that neither the Contractor, nor anyone subject to the Contractor's direction or control, has paid, given, or donated, or agreed to pay, give, or donate to any officer or employee of the Department or the State of Oklahoma any money or other thing of value, either directly or indirectly, in procuring this Contract.

Each signatory to this Contract declares that he/she has legal authority for obligating the entity he/she represents for the benefits and/or liabilities resulting under said Contract and accepts liability for any misrepresentation of such authority.

IN WITNESS WHEREOF, the Contractor and the Department have each caused this Contract to be executed in their behalf.

SIGNATURES

On behalf of the Contractor:

On behalf of the Department:

Kiley Roberson, Director
Typed name and title of signor

Natalie Currie, Executive Director

Signature

Signature

Date

Date

Typed name of Authorizing Official

Title

Signature

Date

FOR USE BY THE OKLAHOMA DEPARTMENT OF LIBRARIES
Assurances: PROJECT 400-24 is encumbered for this Contract

Lead Officer: Brooklynn Bors

Date: Nov 15, 2024

FPO/Business Manager: McCleod

Date: Nov 15, 2024

AGENCY BUSINESS UNIT 43000

CLAIM OF:
City of Bartlesville
Bartlesville Public Library Literacy Services

STATE OF OKLAHOMA
Notarized Claim Voucher And
Disbursements of Payroll
Withholdings

FOR AGENCY USE: CITIMM 400-24
PO: 4309003518
VID: 76857 LOC: 6

Address: 600 Johnstone Ave
Bartlesville, OK 74003

OBJECT ACCOUNT	AMOUNT	OBJECT ACCOUNT	AMOUNT
555110	\$14,000.00		

FOR
\$14,000.00
AGAINST

Agency, Bd.,
Comm., Dept.: OK Dept of Libraries

ASSIGNMENT
I hereby assign this claim to

and authorize the State Treasurer to issue a warrant in payment to said assignee.

Claimant Signature _____

TOTAL AMOUNT \$ 14,000.00
OSF-AUDITED BY: _____

Date _____

DATE	ITEM	QUANTITY	ARTICLE	UNIT PRICE	AMOUNT CLAIMED	OBJECT ACCOUNT
10/15/2024			Citizenship and Immigration Grant FFY24 Budget Ref.: 25 Department: 200002 CFDA: 453100000		\$ 14,000.00	555110

THIS SECTION IS NOT REQUIRED FOR WITHHOLDING PAYMENTS- EXCEPT FOR WITHHOLDING REFUNDS

TOTAL AMOUNT APPROVED 14,000.00

The undersigned contractor, vendor, individual, or duly sworn agent, of lawful age, upon oath says that this claim is true and correct. Affiant further states that the work, services, or materials as shown by this claim have been completed or supplied in accordance with the plans, specifications, orders, requests, and all other terms of the contract. Affiant also states that any refunds represented by this payment are due. (NOTE: Claimant signature only for payroll withholding refunds)

Department Supervisor's Approval Signature
(if required)

Date

Claimant

State of Oklahoma County of _____

Subscribed and sworn before me on _____

My Commission expires _____

Notary Public (or Clerk or Judge) _____

Agency, Bd.,
or Div. Use

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Approve short form contract with Strong Roofing & Construction to replace the roofs on Fire Station 3, (3501 SE Price Rd.), and Fire Station 4, (100 S Madison Blvd.).

Attachments:

Short Form Contract and Contractor Quotes

II. STAFF COMMENTS AND ANALYSIS

One of the voter-approved bond projects included in the 2020 General Obligation Bond was to provide funding to replace the roofs on Fire Station 3, (3501 SE Price Rd.), and Fire Station 4 (100 S Madison Blvd.). The existing roofs are original to construction and have reached the end of their expected lifespan. City staff have reached out to multiple contractors for quotes to replace the roofs. Quotes were received from five contractors. Strong Roofing & Construction, Canady Construction, Armor Roofing & Fencing, Mission Roofing, and Roof Pro provided quotes for a class 3 system, and class 4 system. A quote for a metal option was provided by all contractors except Mission Roofing. The quotes for the class 4 system are as follows:

Strong Roofing & Construction	– Class 4	\$66,790.00
Canady Construction	– Class 4	\$72,000.00
Armor Roofing	– Class 4	\$73,282.00
Mission Roofing	– Class 4	\$91,848.09
Roof Pro	– Class 4	\$105,058.00

Decking will be replaced at \$60.00 per sheet with two sheets included in the quoted price. The roof deck will be inspected once tear off is complete. Minimal rot repair is expected.

III. BUDGET IMPACT

The original budget for this project was \$92,400, funded through the 2020 General Obligation Bond and 2023 issuance. The \$66,790.00 price for the class 4 shingle option is \$25,610.00 under the original budget.

IV. RECOMMENDED ACTION

Staff recommends awarding the short form contract for the Fire Station 3 and Fire Station 4 Roof Replacement to Strong Roofing & Construction, for the option including class 4 shingle in the amount of \$66,790.00.

CITY OF BARTLESVILLE
SHORT FORM CONSTRUCTION CONTRACT

THIS AGREEMENT, made this 6th day of January, 2025, by and between Strong Roofing & Construction hereinafter called "Contractor", and the City of Bartlesville, Oklahoma, hereinafter called "City".

WITNESSETH, that the Contractor and the City, for considerations hereinafter named, agree as follows:

1. SCOPE OF WORK. The contractor shall provide all material, equipment, and labor necessary to replace the existing asphalt shingle roof for Fire Station Number 3 and Fire Station Number 4. The scope includes complete removal of the existing asphalt shingle roof, inspection of the roof deck for damage, installation of new underlayment, ice and water shield, flashing around penetrations, installation of new asphalt shingles, installation of proper ventilation, drip edge installation, and clean-up of debris.
2. TIME OF COMPLETION. The work shall be completed by February 3, 2025.
3. CONTRACT SUM. The City will pay the Contractor for the performance of this contract based on the quoted lump sum price totaling (\$66,790.00). This is the summed quoted price of \$33,395.00 for each Fire Station roof. This contract price is based on the email quote sent on November 22, 2024 for the class 4 shingle option. This price included 2 sheets of 4'x8' decking. Decking replacement beyond quantity 2 sheets will be charged \$60.00 per additional sheet. This contract amount may be amended by written agreement of the parties.
4. ACCEPTANCE AND PAYMENT. Payment will be made by the City upon completion and acceptance of the work by the City Engineer, subject to the provisions of Paragraph 11 and 14 of the General Conditions. Partial payments will be allowed based on measured quantities of work installed at the time of request.

GENERAL CONDITIONS

1. CONTRACT DOCUMENTS. The Contract includes the Agreement and its General Conditions, and any additional written directives from the Engineer. The intent of these documents is to include all labor, materials, equipment, and services of every kind necessary for the proper execution of the work, and the terms and conditions of payment therefore. The documents are to be considered as one, and whatever is called for by any one of the documents shall be as binding as if called for by all.
2. DEFINITIONS. "City" shall refer to the City Engineer or other designated administrative official of the City of Bartlesville.
3. MATERIALS, EQUIPMENT, EMPLOYEES. Except as otherwise noted, the Contractor shall provide and pay for all materials, labor, tools, water, power, and other items necessary to complete the work. Unless otherwise specified, all materials shall be new. Workmanship and materials shall be of superior quality and acceptable to the City. All workers shall be skilled in their trades.
4. SURVEY, PERMITS AND REGULATIONS. The Contractor will furnish all surveys and layouts unless otherwise specified. Final layout of improvements will be agreed upon by the contractor and City. Easements and rights-of-ways will be secured and paid for by the City. The Contractor shall

CITY OF BARTLESVILLE
SHORT FORM CONSTRUCTION CONTRACT

comply with all laws and regulations applicable to the work and shall notify the City if the drawings or specifications are at variance therewith.

5. PROTECTION OF WORK, PROPERTY AND PERSONS. The Contractor shall adequately protect the work, adjacent property, and all persons in accordance with all laws and regulations. The Contractor shall be completely responsible for any damage or injury due to his acts or negligence. Damage caused by carelessness, neglect, negligence or that is outside the defined work area {attached} will be the Contractors sole responsibility to correct.
6. ACCESS TO WORK. The Contractor shall permit and facilitate observation of the work by the City or his agents at all times. The Contractor shall coordinate all required inspections with the appropriate code inspecting agent.
7. CHANGES IN WORK. The City may order changes in the work, with any adjustment of the Contract Sum by mutual agreement of the parties. All such orders and adjustments shall be in writing. Claims by the Contractor for extra cost shall be made in writing to the City before executing the work involved.
8. CORRECTION OF WORK. The Contractor shall correct any work determined by the City not to conform to the requirements of the contract.
9. CITY'S RIGHT TO TERMINATE CONTRACT. Should the Contractor fail to prosecute the work properly, or to perform any provision of the contract, the City, after seven (7) days' written notice to the Contractor may, without prejudice to any other remedy it may have, complete the work by such means as it sees fit. If the unpaid balance of the contract price exceeds the expense of completing the work, such excess will be paid to the Contractor. If such expense exceeds the unpaid balance, the Contractor shall pay the difference to the City.
10. CONTRACTOR'S RIGHT TO TERMINATE CONTRACT. Should the work be stopped by any public authority for a period of thirty (30) days or more through no fault of the Contractor, or should the work be stopped through act or neglect of the City for a period of seven (7) days, then the Contractor, upon seven (7) days' written notice to the City, may stop work or terminate the contract, and recover from the City payment for all work executed, including reasonable profit and damages.
11. PAYMENT. Payment will be made based upon unit prices in the Proposal and the actual completed construction progress as determined by the Engineer. The making and acceptance of the payment shall constitute a waiver of all claims by the City, other than those arising from unsettled liens or from defective work appearing thereafter as provided in Paragraph 8, and of all claims by the Contractor except any previously made and still unsettled. Payment may be withheld on account of defective work not remedied, liens filed, damage by the Contractor to others not adjusted, or failure to make materials or labor payments.
12. BONDS. The Contractor shall furnish surety bonds to the City as indicated herein.
NO BONDS ARE REQUIRED FOR THIS PROJECT
13. CONTRACTOR'S INSURANCE. The Contractor shall maintain such insurance as will protect him and the City from claims under worker's compensation acts and other employee benefits acts; from

CITY OF BARTLESVILLE
SHORT FORM CONSTRUCTION CONTRACT

liability claims for damages because of bodily injury or death; and from liability claims for damages to property which may arise from operations under this contract, whether such operations be by himself, any subcontractor or vendor, or anyone directly or indirectly employed by them. Liability insurance shall be written for not less than \$1,000,000 in each case. Certificates of such insurance shall be filed with the City prior to beginning construction. The Contractor shall provide certification to the City that all insurance is effective for the duration of the work.

14. **LIENS.** Payment shall not be made by the City until the Contractor has provided a complete release of all lien able claims on the work included in this contract.

15. **ENGINEER.** The City Engineer shall be the City's representative and shall have the authority to stop or suspend the work as necessary. All work shall be done to his satisfaction. Determination of final acceptance shall be by the Engineer. He shall certify to the City when payment under the contract is due and the amount to be paid. He shall make final decision on all claims by the City and Contractor.

16. **CLEANUP.** The Contractor shall keep the premises free from waste material and rubbish, and at the completion of the work he shall remove from the premises all rubbish, debris, and surplus materials, and leave the site in a condition acceptable to the Engineer.

IN WITNESS WHEREOF the parties hereto have executed this Agreement, the day and year first above written.

CITY OF BARTLESVILLE



Mayor, Jim Curd

Contractor

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and take action to update our agreement with the Local Government Testing Consortium.

Attachments:

Local Government Testing Consortium – Updated Member Agreement

II. STAFF COMMENTS AND ANALYSIS

On December 18, 1995, the City of Bartlesville entered into an agreement with Local Government Testing Consortium (LGTC), which is a group that provides Federal Department of Transportation (DOT) and Non-Department of Transportation drug and alcohol testing for municipalities.

The LGTC group generates the random testing pool and comes onsite to administer the random drug and alcohol tests for all applicable City of Bartlesville employees that meet the Substance Abuse Policy guidelines. They provide the City with test result reports, report violations and offer supervisor training to those that are a part of their program.

This program has worked well for the City for many years. It has helped the City to not only stay compliant but also to allow for a third party to generate the random testing pools. City Council approved the most recent version of this document at the February 5, 2024 meeting but it is that time of year to renew it. The contents of the agreement are largely the same with the exception of a rate increase.

The agreement was sent to Jess Kane for review.

III. BUDGET IMPACT

The testing fee per person has increased from \$45.00 to \$65.00. The overall increase will be minimal for this budget year and will be absorbed in the general fund budget.

IV. RECOMMENDED ACTION

Staff recommends approval and execution of updated agreement with LGTC.

Service Agreement

Between Client and Local Government Testing Consortium (LGTC)

1. Parties

This Service Agreement ("Agreement") is entered into as of the effective date of this contract for the upcoming testing year, by and between City of Bartlesville having its principal place of business at Bartlesville, OK ("Client"), and Local Government Testing Consortium ("LGTC" or Third Party Administrator ("TPA")), a company organized and existing under the laws of Oklahoma with its principal place of business in Shawnee, OK.

2. Purpose

The purpose of this Agreement is to set forth the terms and conditions under which LGTC will provide drug and alcohol testing services for the Client's employees.

3. Services

Definitions:

Classification – The proper designation of all covered employees (i.e. DOT, Non-DOT Non-Safety Sensitive, and Non-DOT Safety Sensitive) as set forth in the state law under the Oklahoma Standards for Workplace Drug and Alcohol Testing Act 40 O.S. §554 *et seq* and the Oklahoma Medical Marijuana and Patient Protection Act 63 O.S. §427.8 *et seq*, and 49 CFR part 40.

Covered Employees – employees who work for the CLIENT and are covered by the CLIENT's Substance Abuse Prevention Program (SAPP).

Designated Employer Representative (DER) – Appointed by the CLIENT, this individual is responsible for ensuring compliance with 49 CFR Part 382 and/or 40 O.S. §551 *et seq* in the administration of the CLIENT's Substance Abuse Prevention Program (SAPP). The DER is the only person with whom LGTC will discuss or release confidential information.

LGTC Testing Specialist – Individual employed or contracted by LGTC to perform substance testing and/or collections in accordance with 49 CFR Part 382 and/or 40 O.S. §551 *et*

seq, and/or 49 CFR part 40. A Testing Specialist may be a duly assigned employee, or contractor, of a medical clinic, hospital or doctor's office through its agreement with LGTC.

Substance Abuse Prevention Program (SAPP) – a program established by the CLIENT that complies with all aspects of 49 CFR Part 382 and/or 40 O.S. §551 *et seq.* The SAPP documentation will identify LGTC as the SAPP's testing resource.

Supervisor – a CLIENT employee who has supervisory responsibilities of individuals whom the CLIENT has designated as participants in the CLIENT's SAPP.

Program Year – recognized as, January 1st through December 31st.

LGTC RESPONSIBILITIES:

1. LGTC will perform all duties necessary in the operation of the consortium, including arranging for services of a Department of Health & Human Services (HHS)-certified drug testing laboratory and a certified Medical Review Officer (MRO).
2. LGTC will provide regular training opportunities for DER's and SUPERVISORS.
3. LGTC will make a reasonable attempt to arrange for local specimen collection site, when unable to complete on-site testing.
4. Participation in a Drug & Alcohol program that meets all Oklahoma & US DOT program requirements for the testing process and donor privacy.
5. Random test generation and administration.
6. Materials, in person classes and/or digital media for required Supervisor and DER training.
7. On-Site collection of specimens for random drug testing.
8. On-Site testing for random alcohol testing.
9. Email result reports available as well as reports of any violations.
10. Medical Review Officer review of all positive results and confidential contact with the donor of a positive collection for drug use.
11. LGTC will test 20% of consortium's Non DOT employees (or 20% of CLIENTS employees in a standalone pool, or other amount as agreed to by the parties in an addendum), and will follow the DOT regulatory testing rates for DOT covered employees.

CLIENT RESPONSIBILITIES:

1. CLIENT will appoint a Designated Employer Representative (DER). The DER is responsible for ensuring the CLIENT's Substance Abuse Prevention Program complies with 49 CFR Part 382 and/or 40 O.S. §551 *et seq.*
2. CLIENT will appoint an alternate DER to coordinate random testing in the event the DER is unavailable.
3. CLIENT will submit a roster digitally to LGTC five business days prior to the commencement of each quarter utilizing the electronic forms provided by LGTC for this purpose. Failure to provide the roster timely will be deemed as authorization for LGTC to utilize the roster from the previous quarter with no changes. Failure to utilize the form provide by LGTC will result in a \$50 transcription fee.
4. If client's employee is selected for a DOT random drug or alcohol test, the client has the responsibility of notifying client's employee to proceed immediately for testing.
5. Client agrees to notify TPA immediately of any changes in address, telephone number(s) (home, and/or mobile) and e-mail.
6. In the event of an audit of the Client's drug and alcohol testing program, TPA shall provide assistance to include phone consultation and assistance to provide all necessary information for an audit. A copy of any letter from regulatory officials regarding the Client's drug and alcohol testing program should be forwarded to TPA immediately upon receipt.
7. TPA and Client agree that each will maintain the confidentiality of information gathered in the process of providing occupational testing services. TPA and Client will not disclose information to any unauthorized persons and third parties without proper written authorization.
8. TPA may discontinue serving the Client and immediately terminate this Agreement for non-payment of services rendered or if the client violates this agreement or any applicable law or regulations. Once services are terminated, there is a \$250.00 reinstatement fee to restore services.

DER RESPONSIBILITIES:

1. Annually, complete DER training provided by LGTC. Training covers DER responsibilities to include who could be covered by the SAPP, records retention and reporting requirements.
2. Register with the U.S. Department of Transportation (DOT) if the CLIENT has employees that must meet DOT standards (ex: CDL requirements). Registration provides the DER with notification of DOT updates and regulations. It is the DER's responsibility to ensure the CLIENT's SAPP is in compliance with all applicable regulations.
3. Properly classify covered employees as DOT, Non-DOT Non-Safety Sensitive, or Non-DOT Safety Sensitive. Please refer to "Classification" under the Definitions section of this document for additional information.
4. For purposes of random testing, the CLIENT shall ensure that the random pool list provided to LGTC by the CLIENT meets the definition of safety sensitive as defined under applicable law. LGTC has no way to verify whether each employee qualifies as safety sensitive and will not be held liable for testing employees who do not meet the definition of safety sensitive.
5. Establish a testing location that meets the needs of the testing to occur (urine sampling and/or breath analysis).
6. Maintain all records of drug and alcohol testing and results. Such records must be available for review by appropriate regulatory bodies upon request. Further such records must be secured as confidential personnel records.

SUPERVISOR RESPONSIBILITIES:

1. Annually, attend *Recognizing Substance Abuse in the Workplace* training.

TESTING DETAILS:

1. Non DOT Safety Sensitive employees will be tested at a DOT 5 panel (THC, cocaine, opiates, amphetamines, and PCP). If CLIENT wishes to adopt an alternative policy this agreement shall be provided to LGTC and agreed to by both parties as an addendum to this agreement.
2. Non DOT Non Safety Sensitive employees will be tested at DOT 4 panel for random testing (excludes THC) This is done pursuant to 63 O.S. § 425, which states in part "Employers may not take action against the licensed medical marijuana patient solely based upon the status of an employee as a licensed medical marijuana patient or the

results of a drug test showing positive for marijuana or its components.” If CLIENT wishes to adopt an alternative policy this agreement shall be provided to LGTC and agreed to by both parties as an addendum to this agreement.

3. Non DOT Non Safety Sensitive employees will be tested at DOT 5 panel for reasonable suspicion. If CLIENT wishes to adopt an alternative policy this agreement shall be provided to LGTC and agreed to by both parties as an addendum to this agreement.
4. If donor needs to be retested per MRO recommendations, CLIENT will be charged an in network rate of \$68 per test, and out of network rate of \$75 per test.

ADDITIONAL SERVICE AGREEMENT REQUIREMENTS FOR DEPARTMENT OF TRANSPORTATION (DOT) REGULATED DRUG & ALCOHOL TESTING PROGRAM

Third Party Administrator (TPA) is providing services to your DOT regulated entity (Client) as follows:

1. DOT regulated drug testing with specimen collection, HHS certified lab services and Medical Review Officer (MRO) services. Alcohol testing is provided with a NHTSA approved Evidential Breath Testing (EBT) device.
2. Employer accepts full responsibility for participating in DOT testing program in a manner which is compliant with the Code of Federal Regulations, Title 49 - Part 40 and applicable DOT agency regulations. A copy of these regulations is available from TPA.
3. The DOT regulated employer shall be enrolled into Local Government Testing Consortium, LLC DOT random testing program at testing rates mandated by applicable DOT agency regulations.
4. TPA shall maintain records demonstrating client’s participation in the DOT random testing program and to provide client with these records within two business days of request.
5. Upon receipt of a refusal to test report or a positive drug or alcohol test report, the Client agrees to notify TPA immediately and remove the individual from the TPA DOT random testing pool until such time as Return to Duty status is authorized by a Substance Abuse Professional (SAP).

1. Term

This Agreement shall commence at the next testing quarter and shall continue for a period of one (1) program year, unless terminated earlier in accordance with the terms of this Agreement.

2. Fees

The Client agrees to pay LGTC the fees outlined in the fee schedule outlined in Appendix 1 to this agreement.

3. Payment Terms

Invoices shall be issued annually, or semi- annually at clients request, and are payable within thirty (30) days of receipt. Specialty Testing includes pre-employment, reasonable suspicion, return to duty, and follow up testing. Specialty Testing will be invoiced monthly or quarterly. Late payments shall incur a late fee of \$25 per month.

4. Confidentiality

Both parties agree to maintain the confidentiality of all information related to the services provided under this Agreement, except as required by law.

5. Termination

Either party may terminate this Agreement 60 days prior to a renewal date. In the event of termination, the Client shall pay LGTC for all services rendered up to the termination date.

6. Indemnification

Each party agrees to indemnify, defend, and hold harmless the other party from and against any and all claims, damages, liabilities, and expenses (including reasonable attorneys' fees) arising out of or in connection with the performance of this Agreement.

7. Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the State of Oklahoma, and the forum shall be Pottawatomie County Oklahoma.

8. Entire Agreement

This Agreement constitutes the entire agreement between the parties and supersedes all prior agreements and understandings, whether written or oral, relating to the subject matter hereof.

9. Amendments

Any amendments to this Agreement must be in writing and signed by both parties.

10. Legal Obligations Remain Clients

Specimen collection, administration, and randomization outlined in this agreement are offered by LGTC as a service to its CLIENTS, but responsibility for compliance with State and Federal law

and regulations remains with the CLIENT. LGTC recommends CLIENT consult it's attorney to ensure compliance with applicable regulations.

11. Notices

All notices required or permitted under this Agreement shall be in writing and shall be deemed delivered when delivered in person or deposited in the United States mail, postage prepaid, addressed as follows:

To Client:

Client Name: City of Bartlesville

Client Address: 401 S Johnstone Ave, Bartlesville, OK 74003

To LGTC:

Local Government Testing Consortium

PO Box 755

Shawnee, OK, 74802

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

Client

Local Government Testing Consortium (LGTC)

By: City of Bartlesville By: _____

Name: _____ Name: _____

Title: Mayor Title: _____

Date: 01/06/25 Date: _____

Item	Panel	Fee
On-site Random Collection for Urine Drug Test	DOT 5 Panel	
Breath Alcohol testing with Evidential Breath Testing (EBT) Machine	DOT like 5 Panel	\$65
\$65 per covered employee will be sent once first roster is received. CLIENT has the option of split payment in January and July.	4 panel	
	DOT 5 Panel	
Specialty Testing at in network collection sites	DOT like 5 Panel	\$68
	4 Panel	
	DOT 5 Panel	
Specialty Testing at out of network collection sites	DOT like 5 Panel	\$75
	4 Panel	
Non-DOT Breath Alcohol Test with EBT for random alcohol testing		\$10
Breath Alcohol Testing at all collection sites		\$30
Standalone Pool (reoccurring yearly fee)		\$250
Reinstatement fee		\$250
Transcription fee for rosters to LGTC provided format		\$50
No Show fee		\$150
MIS Reporting Sheet (upon request)		Included
Audit Assistance		Included
Online Supervisor Reasonable Suspicion Training (1 hour of alcohol, 1 hour of drug)		Included
Online Designated Employer Representative (DER) Training		Included

	DOT 5 Panel	
Retested specimen due to MRO recommendations at in network collection site	DOT like 5 Panel	\$68
	DOT 4 Panel	
	DOT 5 panel	
Retested specimen due to MRO recommendations at out of network collection site	DOT like 5 panel	\$75
	DOT 4 panel	

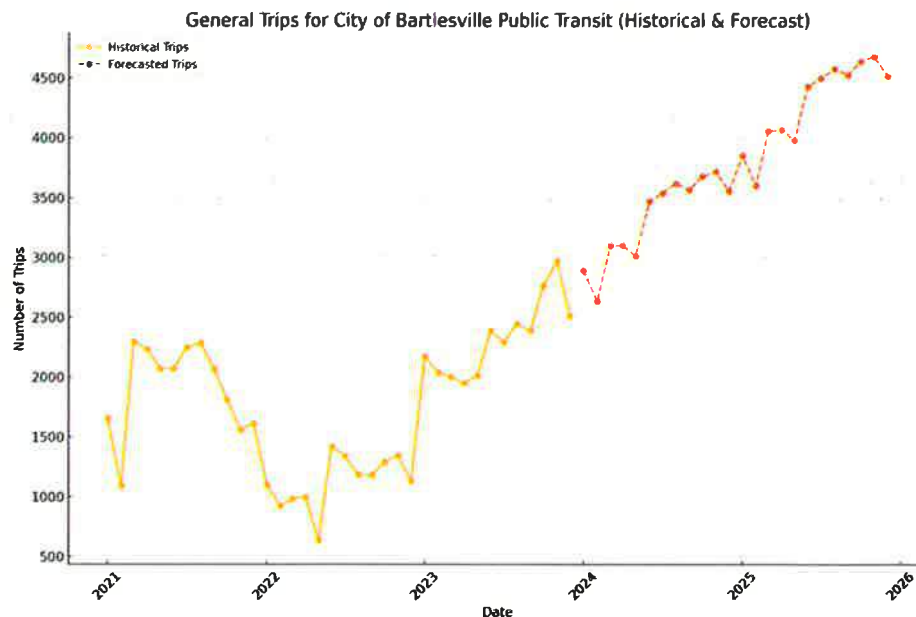
If Client add more employees than originally invoiced, Client will be charged the \$65 for each additional covered employee

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Consider and take action on an extension of an existing purchase of service agreement with United Community Action Program for the CityRide community transportation program.

II. STAFF COMMENTS AND ANALYSIS

The City of Bartlesville has contracted with United Community Action Program (UCAP) for several years for the provision of public transit service through the CityRide program, operated by Cimarron Public Transit Service, a program of UCAP. The attached agreement extends this program for the next operating year, 2025. Based on the analysis and forecast of the general trips data for the City of Bartlesville Public Transit, we can make several projections for the next two years, covering January 2024 to December 2025.



III. RECOMMENDED ACTION

Approval of the Contract Agreement.

PURCHASE OF SERVICE AGREEMENT

THIS AGREEMENT is entered into this 1st day of October, 2024 between the parties, United Community Action Program, Inc. (hereinafter referred to as "UCAP"), and the City of Bartlesville, Oklahoma (hereinafter referred to as "City").

WHEREAS, in consideration of the transportation services which UCAP provides to the Bartlesville community and to assist in providing reasonable cost personal transport available to the general public, including the elderly, the disabled, those unable to drive, or those who wish to improve the environment by use of a community transportation service;

THE PARTIES HEREBY AGREE AS FOLLOWS:

1. UCAP agrees to provide a community public transportation program within the city limits of Bartlesville which shall offer a 10-hour demand-response service for the general public utilizing at least two lift-equipped vans. This service shall operate from 7:30 a.m. to 5:30 p.m., Monday through Friday of each week and will be closed for holidays as listed below:

New Year's Day	Memorial Day	Independence Day
Labor Day	Thanksgiving (2 days)	
Christmas Day		

Limited service will be provided on the following holidays: Dr. Martin Luther King Jr. Day, President's Day, Good Friday, Columbus Day and Veterans' Day. UCAP reserves the right to close for mandatory agency training.

The moniker for this community transportation program shall remain "CityRide" and the telephone number shall remain as 918-336-2233, however, UCAP is permitted to place its name and logo on all vehicles and materials associated with the program.

UCAP shall operate this community transportation service program as an open door policy for the pick-up and delivery of general public passengers without discrimination in all vehicles operated in conjunction with this Agreement based upon reservations with the dispatch office.

2. For this community transportation service, City agrees to reimburse UCAP at a rate of \$55,000 annually billed semiannually, \$27,500 to be paid upon invoice from UCAP in October and April.

3. As service provider, UCAP will assume all management responsibilities and all administration and operating expenses incurred in conjunction with the provision of this service. The City assumes no responsibility to provide any management of this service or to fund any administration and operating expenses for this service, other than the flat rates set forth in Paragraph 2 of this Agreement.

4. UCAP agrees to collect a set fare of \$3.00 for a one-way trip anywhere within the city limits of Bartlesville, not covered under another contract. UCAP reserves the right to offer special promotions and projects to the community, as funds permit.

5. UCAP agrees to provide the WorkRide program at a set fare of \$1.00 for each one-way trip within the city limits. Citizens must sign up and be using transportation for work or educational purposes.

6. UCAP agrees to maintain accurate records of ridership (including total, elderly/disabled, and trip purpose), and revenue miles. A quarterly summary report will be provided to the Bartlesville Community Development Director.

7. UCAP shall maintain all vehicles used in conjunction with this Agreement in a safe and sanitary condition, and shall provide the required insurance for both vehicles and riders, and shall fully comply with all Federal, State, and local rules and regulations.

8. All UCAP employees involved in the delivery of this community transportation service shall be qualified, certified and professional as required by ODOT or any other applicable Federal, State or local regulation.

9. This agreement shall be effective from October 1, 2024 until September 30, 2025. It may be extended from year to year thereafter upon such terms and conditions as the parties may then agree. Further, either party, upon thirty (30) days notice to the other, may terminate this agreement during the contract term of the agreement or any extension hereafter granted.

10. UCAP and the City are particularly advised that the execution and continuance of this Agreement is contingent upon receipt of financial assistance from the Federal and State levels. This Agreement will terminate if the Federal funding is discontinued. The State assumes no responsibility to fund this program if there is a failure of Federal funding.

NOW, BE IT RESOLVED THAT the terms and conditions of this Agreement are hereby accepted to be legal and binding to the parties whereby executed by their signatures for their respective organization and/or successors.

Laura Corff, Transit Director
United Community Action Program, Inc.

Larry R. Curtis,
Community Development Director
City of Bartlesville

Notary Public

Notary Public

My commission expires: _____

My commission expires: _____

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Consider and take action to approve a service agreement with Up With Trees.

- Attachments: Service Agreement

II. STAFF COMMENTS AND ANALYSIS

This Service Agreement between the City of Bartlesville and Up With Trees, Inc. outlines a collaborative effort to enhance the urban tree canopy through a coordinated planting initiative. The agreement specifies that Up With Trees will work closely with Keep Bartlesville Beautiful (KBB) to identify suitable planting locations, develop a planting plan, and secure the necessary permissions from the Oklahoma Department of Transportation (ODOT) through the completion of an ODOT M-7 Agreement for Landscaping Form. Once approval is obtained, Up With Trees will handle all aspects of planting, including utility locates, procurement, planting, and initial maintenance of the trees.

A key feature of the agreement is the inclusion of a three-year warranty and watering period for each tree planted. If any tree dies within this period, Up With Trees is responsible for removing and replacing it within the designated planting months of October through March, restarting the three-year warranty from the date of replanting. This warranty excludes damages caused by factors beyond their control, such as extreme weather events or vandalism.

The initial term of the agreement is set for one year from the date of execution, with the option for up to four additional one-year renewals at the City's discretion, contingent upon budget appropriations and ongoing need. The contract explicitly states that renewals are neither automatic nor implied, giving the City flexibility to adjust the partnership based on its evolving priorities and financial considerations.

III. BUDGET IMPACT

\$15,000.00 – Grant provided by Phillips 66

IV. RECOMMENDED ACTION

Approval of the Up With Trees Service Agreement

SERVICE AGREEMENT

THIS SERVICE AGREEMENT (the "Agreement") is between the CITY OF BARTLESVILLE, OKLAHOMA, a municipal Corporation, 401 S. Johnston Avenue (the "City") and Up With Trees, Inc., 1102 S Boston, Tulsa, Oklahoma 74119 ("Seller") to be effective upon execution by City.

WITNESSETH:

WHEREAS, Seller desires to provide such Services to City and this document constitutes Seller's offer to provide the Services specified below, and if executed by the City's Mayor, will become the Service Agreement for such Services.

NOW, THEREFORE, for and in consideration of the terms, covenants and conditions hereinafter set forth, the parties hereto agree as follows:

1. **Seller agrees to provide the Services** to work with Keep Bartlesville Beautiful (KBB) and/or their designee within the City to assess the planting location and develop a proposed planting plan. This plan will be reviewed by KBB or their designee. Upon approval, Up With Trees will assist the City of Bartlesville with the completion and submission of an Oklahoma Department of Transportation (ODOT) Agreement for Landscaping Form M-7 to receive approval to plant on ODOT property. The City of Bartlesville will be the signing entity as the Developer on the ODOT M-7 form. Up With Trees will commence planting within once final approval is received from ODOT and 30 days from approval from the City of Bartlesville within the normal planting seasons or within 30 days of the following planting season. Up With Trees will be responsible for ensuring utility locates are ordered, procuring the trees prescribed within the approved design, planting, mulching, and staking and wiring of the trees. The date of the tree planting will constitute the beginning of the three-year watering and warranty period. If a tree dies within that three-year period, Up With Trees will remove said tree immediately and will replant that tree as quickly as possible within the planting months of October through March. The newly planted tree will then be watered and warranted for a new three-year period. Planting of a 2-inch caliper tree or comparable size depending on tree availability; with city approval. Location and species will be agreed upon by Up With Trees and the designee of the City of Bartlesville. In addition to the initial planting, this includes three years watering and warranty of the tree. Up With Trees is not responsible for loss of trees due to factors beyond their control such as extreme drought, ice storms, other acts of nature, vandalism, etc.
2. **Irrevocable Offer.** Seller understands and acknowledges that its signature on this Agreement constitutes an Irrevocable offer to provide the Services, there is no contract unless *and* until City executes this Agreement accepting Seller's Proposal. Any Services Seller provides to City before this Agreement is executed by City shall be at Seller's risk, and City shall have no obligation to pay for any such Services provided before this Agreement is executed by City.
3. **Documents Comprising the Agreement.** The Agreement includes this Service Agreement.
4. **Term.** The term of this Agreement shall be effective commencing on the date of execution by the Mayor of the City of Bartlesville and continuing to and including one year from that date. City in its sole discretion may offer Seller an opportunity to renew this Agreement for an additional four (4) one (1) year term(s). Seller understands and acknowledges that any future contracts or renewals are neither automatic nor implied by this Agreement. The continuing purchase by City of the Services set forth in this Agreement is subject to City's needs and to City's annual appropriation of sufficient funds in City's fiscal year (July 1st to June 30th) in which such Services are purchased. In the event City does not appropriate or budget sufficient funds to perform this Agreement, this Agreement shall be null and void without further action by City.
5. **Services Warranty.** With respect to all Services to be performed under this Agreement, Seller warrants that Seller shall perform the Services using personnel of required skill, experience, and qualifications and in a professional and workmanlike manner in accordance with generally recognized industry standards for similar services.
6. **Warranty Period.** All warranties set forth herein shall remain in effect for a period of three (3) years from the date of acceptance of Services by City. Seller shall not disclaim or otherwise limit the express warranties set forth herein.
7. **Warranty Remedies.** City shall notify Seller if *any* of the Services fails to meet the warranties set forth above. Seller shall promptly reperform such Service at Seller's sole expense. Notwithstanding the foregoing, if such Services shall be determined by City to be defective or non-conforming within the first thirty (30) days after the date of acceptance by City, then City at its option shall be entitled to a complete refund of the purchase price.

8. **No Indemnification or Arbitration by City.** Seller understands and acknowledges that City is a municipal corporation that is funded by its taxpayers to operate for the benefit of its citizens. Accordingly, and pursuant to Oklahoma law, City shall not indemnify nor hold Seller harmless for loss, damage, expense or liability arising from or related to this Agreement, including any attorneys' fees and costs. In addition, Seller shall not limit its liability to City for actual loss or direct damages for any claim based on a material breach of this Agreement and the documents incorporated herein. City reserves the right to pursue all legal and equitable remedies to which it may be entitled. City will not agree to binding arbitration of any disputes.
9. **Intellectual Property Indemnification by Seller.** Seller agrees to indemnify, defend, and save harmless City and its officers, employees and agents from all suits and actions of every nature brought against them due to use of patented, trademarked or copyright protected appliances, products, materials or processes provided by Seller hereunder. Seller shall pay all royalties and charges incident to such patents, trademarks or copyrights.
10. **Liens.** Pursuant to City's Charter (Art. XII, §5), no lien of any kind shall exist against any property of City.
11. **Taxes.** City is exempt from federal excise and state sales taxes and such taxes shall not be included in the pricing.
12. **General Liability/Indemnification.** Seller shall hold City harmless for any loss, damage or claims arising from or related to Seller's performance of the Agreement. Seller must exercise all reasonable and customary precautions to prevent any harm or loss to all persons and property related to the Agreement. Seller agrees to indemnify and hold the City harmless from all claims, demands, causes of action or suits of whatever nature arising out of the Services, labor, or materials furnished by Seller or Seller's subcontractors under the Agreement.
13. **No Confidentiality.** Seller understands and acknowledges that City is subject to the Oklahoma Open Records Act (51 O.S. §24A.1 et seq.) and therefore cannot assure the confidentiality of contract terms or other information provided by Seller pursuant to this Agreement that would be inconsistent with City's compliance with its statutory requirements thereunder.
14. **Agreement/No Revisions or Additions.** The entire agreement between City and Seller is contained in this Agreement. This Agreement may only be modified or amended in a writing signed by both parties. No verbal agreement between the parties is binding. Any proposal (other than the Proposal referenced in Paragraph 1 above), statement of work, quote, invoice, acknowledgment or other communication issued by Seller in connection with the Agreement will be for the purposes of describing in greater detail the Services (as applicable) to be provided. Any terms or conditions set forth in such communication by Seller will not apply to the Agreement and will not be considered to be Seller's exceptions to these terms and conditions. Any additional or different terms proposed by Seller are objected to and rejected and will be deemed a material alteration hereof, unless expressly assented to in writing.
15. **Relationship of Parties & .** The Seller is, and shall remain at all times, an independent contractor with respect to activities and conduct while engaged in the performance of services for the City under this Agreement. No employees, subcontractors or agents of the Seller shall be deemed to be employees of the City for any purpose whatsoever, and none shall be eligible to participate in any benefit program payments, fringe benefits, insurance premiums, continuing education courses, materials or related expenses on behalf of its employees, subcontractors, and agents. Nothing in this Agreement shall be construed to create a partnership, joint venture, or agency relationship among the parties. No party shall have any right, power or authority to act as a legal representative of another party, and no party shall have any power to obligate or bind another party, or to make any representations, express or implied, on behalf of or in the name of the other in any manner or for any purpose whatsoever.
16. **Compliance With Laws.** Seller shall be responsible for complying with all applicable federal, state and local laws, regulations and standards. Seller is responsible for any costs of such compliance. Seller certifies that it and all of its subcontractors to be used in the performance of this Agreement are in compliance with 25 O.S. Sec. 1313 and participate in the Status Verification System. The Status Verification System is defined in 25 O.S. Sec. 1312 and includes but is not limited to the free Employee Verification Program (E-Verify) available at www.dhs.gov/E-Verify ,
17. **Termination.** City, by written notice, may terminate this Agreement, in whole or in part, when such action is in the best interest of City. If the Agreement is so terminated, City shall be liable only for payment for Services rendered prior to the effective date of termination.

18. **Right to Audit** The parties agree that books, records, documents, accounting procedures, practices, price lists or any other items related to the Services provided hereunder are subject to inspection, examination, and copying by City or its designees. Seller is required to retain all records related to this Agreement (or the duration of the contract term and a period of three years following completion and/or termination of the contract. If an audit, litigation or other action involving such records begins before the end of the three-year period, the records shall be maintained for three years from the date that all issues arising out of the action are resolved or until the end of the three-year retention period, whichever is later.

19. **Notice.** Any notice, demand, or request required by or made pursuant to this Agreement shall be deemed properly made if personally delivered in writing or deposited in the United States mail, postage prepaid, to the addresses specified below.

To Seller: Up With Trees
1102 S. Boston Ave.
Tulsa, OK 74119

To City: City Clerk
CITY OF BARTLESVILLE, OKLAHOMA
401 S. Johnstone Ave.
Bartlesville, Oklahoma 74003

20. **Severability Provision.** If any term or provision herein is determined to be illegal or unenforceable, the remainder of this Agreement will not be affected thereby. It is the intention of the parties that if any provision is held to be illegal, invalid or unenforceable, there will be added in lieu thereof a provision as similar in terms to such provision as is possible to be legal, valid and enforceable.

21. **Governing Law And Venue.** This Agreement is executed in and shall be governed by and construed in accordance with the laws of the State of Oklahoma without regard to its choice of law principles, which shall be the forum for any lawsuits arising under this Agreement or incident thereto. The parties stipulate that venue is proper in a court of competent jurisdiction in Washington County, Oklahoma and each party waives any objection to such venue. City does not and will not agree to binding arbitration.

22. **Third Parties.** This Agreement is between City and Seller and creates no right unto or duties to any other person. No person is or shall be deemed a third-party beneficiary of this Agreement.

23. **Time of Essence.** City and Seller agree that time is deemed to be of the essence with respect to this Agreement.

24. **No Waiver.** A waiver of any breach of any provision of this Agreement shall not constitute or operate as a waiver of any other provision, nor shall any failure to enforce any provision hereof operate as a waiver of the enforcement of such provision or any other provision.

25. **Entire Agreement/No Assignment.** This Agreement and any documents incorporated herein constitute the entire agreement of the parties and supersede any and all prior agreements, oral or otherwise, relating to the subject matter of this Agreement. Seller may not assign this Agreement or use subcontractors to provide the Services without City's prior written consent. Seller shall not be entitled to any claim for extras of any kind or nature.

26. **Equal Employment Opportunity.** Seller agrees to comply with all applicable laws regarding equal employment opportunity and nondiscrimination.

27. **Counterparts.** This Agreement may be executed in any number of counterparts, each of which when so executed and delivered shall be an original, but such counterparts shall constitute one and the same instrument.

28. The undersigned Individual states that he/she has authority to bind Seller to this Agreement that s/he has read and understands the terms of this Agreement, and that Seller agrees to be bound by this Agreement and its incorporated documents and proposal.

IN WITNESS WHEREOF, this Agreement has been executed in multiple copies on the dates set forth below to be effective during the period recited above.

Up With Trees, Inc.

Signed Here: _____

Printed Name: _____

Title: _____

Date: _____

Mayor, City of Bartlesville

Signed Here: _____

Printed Name: _____

Date: _____

ATTEST

City Clerk

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and take action on Amendment #4 to the professional service agreement with Tetra Tech, Inc. for engineering services for the Wastewater Treatment Plant Expansion and the Limestone to Chickasaw Transport Corridor Improvements.

Attachments:

Amendment #4 - Tetra Tech Professional Service Agreement

II. STAFF COMMENTS AND ANALYSIS

In September 2020, the City contracted with Tetra Tech for the first phase of design services, which is to prepare engineering reports for the Wastewater Treatment Plant Expansion and the Limestone to Chickasaw Transport Corridor Improvements. The engineering report evaluates various improvement options, providing a 35% level of engineering design, as well as the environmental review and estimated construction costs. Amendments 1 thru 3 involved additional professional services for a pilot test of the Indirect Potable Reuse treatment proposed with the plant expansion, which was required by the Oklahoma Department of Environmental Quality (ODEQ). With the completion of the preliminary design and pilot study, the next phase of the project is the final design of the wastewater treatment plant expansion. The concept for the treatment plant expansion is to upgrade equipment and expand treatment units to increase the average capacity of the plant from 7.0 million gallons per day to 8.2 million gallons per day. The estimated cost of the plant expansion is \$80MM – the proposed layout is shown on the following page.

The proposed scope of work includes all professional services for the final design, preparation of construction documents and permitting. The construction documents are anticipated to be complete in early 2026 to facilitate receiving bids in June 2026. The cost of these professional services is \$4,350,478.

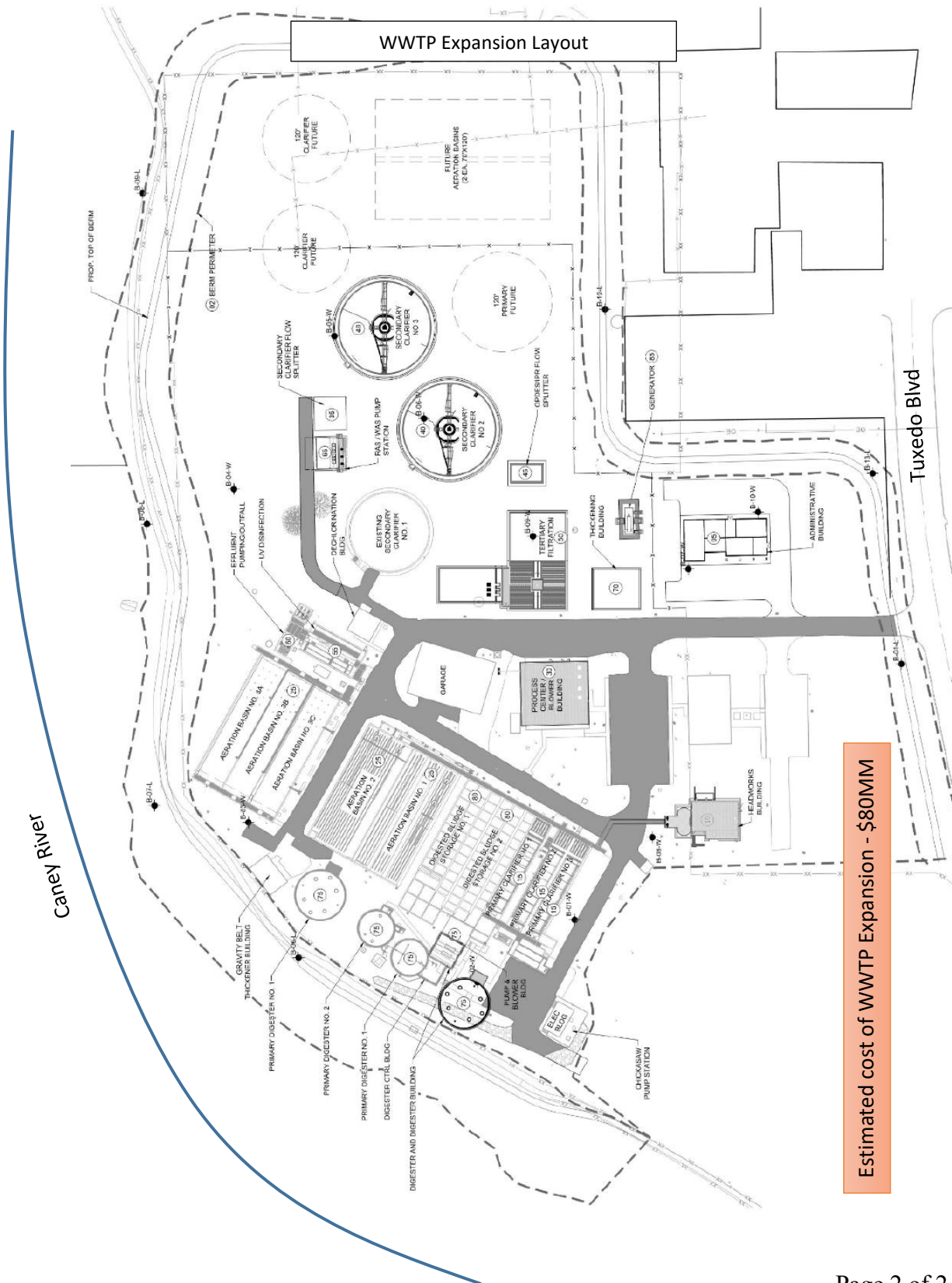
The SSIOC held a special meeting on December 23, 2024 and unanimously approved a recommendation for Council to approve the amendment.

III. BUDGET IMPACT

Funding for the design services will be through the Wastewater Capital Reserve Fund (\$4.426MM remaining in the project budget) and a \$2MM grant received from the American Rescue Plan Act. The proposed amendment (\$4,350,478) is within the available budget for this phase of the project.

IV. RECOMMENDED ACTION

Staff and the SSIOC recommend approval of Amendment #4 to the professional service contract with Tetra Tech, Inc. for \$4,350,478.





**Tetra Tech, Inc.
Amendment No. 4
Professional Services Agreement for Engineering Services**

This is an amendment to the Agreement made on the 3rd day of September 2020 between **City of Bartlesville** (Client) and **Tetra Tech, Inc.** (Consultant), a Delaware corporation, made on this 4th day of November 2024.

Client and Consultant agree to specific changes to the referenced Agreement for the **WWTP Expansion and Collection Corridor Improvements** as described in Attachment A. Consultant agrees to perform the services in consideration of the compensation described in Attachment A and in accordance with the terms of the Agreement.

This Amendment consists of this document together with Attachment A – Amended Project Requirements and the Agreement. Except as set forth in this Amendment, the Agreement between the Client and Consultant is unaffected and shall continue in full force and effect in accordance with its terms. If there is conflict between this amendment and the Agreement or any earlier amendment, the terms of this amendment will prevail.

In executing this Amendment, the undersigned also acknowledge their authority to bind the parties to all terms and conditions.

In witness whereof, the parties hereto have made and executed this Amendment as of the day and year first written.

City of Bartlesville
401 South Johnstone Avenue
Bartlesville, Oklahoma 74003

Tetra Tech, Inc.
7645 East 63rd Street, Suite 301
Tulsa, Oklahoma 74133
918.249.3909

By _____
Client's Authorized Signature

By _____
Consultant's Authorized Signature

Jim Curd
Mayor

Lauren R. Springer, P.E.
Division President
lauren.springer@tetrattech.com

Email



Professional Services Agreement
Amendment No. 4

Attachment A – Amended Project Requirements

Client: City of Bartlesville

Project Description

WWTP Expansion and Collection Corridor Improvements

Amendments to Scope of Services

Amended Effort /
Cost Assumed

Consultant shall provide the services as detailed in the Scope of Services dated November 7, 2024, attached hereto.

\$4,350,478

Special Assumptions

Lump Sum Fee	\$1,726,846.00
Amendment No. 1	\$70,380.00
Amendment No. 2	\$220,000.00
Amendment No. 3	\$51,260.00
Amendment No. 4	\$4,350,478.00
TOTAL AUTHORIZED FEE	\$6,418,964.00

Supplemental Terms and Conditions

CITY OF BARTLESVILLE, OKLAHOMA
CHICKASAW WWTP EXPANSION AND UPGRADES

SCOPE OF SERVICES

I. PROJECT DESCRIPTION

The base scope of work consists of providing professional engineering services for final design and permitting of the Chickasaw Wastewater Treatment Plant (WWTP) Expansion and Upgrade project.

The project will include the following key design elements outlined in the Chickasaw WWTP Expansion Preliminary Engineering Report (PER) and 35% drawings dated October 3, 2022.

1. New Administration Building
2. New Headworks Structure
3. Primary Clarification Improvements
4. Aeration Basin Improvements/Modifications
5. New Blower Improvements and Air Piping
6. New Circular Final Clarifiers
7. New Return Activated Sludge (RAS)/Waste Activate Sludge (WAS) Pumping
8. New WAS Thickener Building
9. New Anaerobic Digester/Digester Modifications
10. Additional Sludge Storage
11. Ultraviolet (UV) Disinfection Conversion
12. Effluent Dissolved Oxygen (DO) and Outfall Structure
13. Improvements to Gravity Belt Thickener Building
14. Incorporation of IPR Sidestream. Incorporate initial improvements recommended in the Pilot Study Report that are accepted by City of Bartlesville. Initial improvements include post filter GAC contactors and modification to the UV design to posture for future IPR requirements.
15. Plant-wide Electrical and SCADA Upgrades
16. Flood Protection (Levee around perimeter of WWTP) – NOT INCLUDED. This item was removed by City of Bartlesville from the design consideration.)
17. Septic Truck Disposal facility.

Exclusions:

Excluded from the scope of work is topographical survey and geotechnical investigation. These tasks were completed in 35% design. Excluded from the scope of work is office furniture design and permit fees.

II. SCOPE OF SERVICES – CHICKASAW WWTP EXPANSION

To provide logical, orderly completion of this project, services have been segmented as follows in accordance with the stages of development. Services to be completed in each task are described below.

1. Project Management
2. Design Development (65% Design)

3. Construction Documents (95% Design)
4. Certified for Construction (Final Design)
5. Bidding Phase

Task 1: Project Management

Tetra Tech, Inc. (Consultant) shall manage the services required to complete the Project tasks from start of the design phase through bidding. S2 Engineering, PLLC (S2E), subconsultant to Tetra Tech on this this project, will be the Deputy Project Manager and provide technical assistance to Consultant.

Project Team. Consultant shall identify and provide to City of Bartlesville names and contact information for lead persons in each discipline (process, structural, architectural, mechanical, electrical and instrumentation) prior to start of the project. Consultant shall not change lead persons without proper notification to City of Bartlesville.

Project management consists of project administration, coordination and supervision of the project team and resources, external project coordination, and quality management for project milestones and deliverables to meet the project schedule and budget.

- The Consultant shall manage, coordinate, and be responsible for efforts of its subconsultants. This includes, but is not limited to, distribution and coordination of work among the subconsultants, coordination of meetings/workshops and site visits when required, review and payment of monthly billing, and quality assurance and control of the overall work and documents submitted by the subconsultants.
- The Consultant shall perform internal quality management including control and assurance prior to submitting design deliverables to City of Bartlesville. The Consultant agrees to perform quality assurance and quality control for work products and deliverables to be developed in accordance with City of Bartlesville's guidelines.
- Any plans, record drawings, shop drawings, equipment operation and maintenance manuals, past reports, and other information provided by City of Bartlesville's Project Manager and/or obtained by the Consultant pertaining to the Project shall be reviewed to become familiar with the Project scope. If the Consultant requests field verification(s), City of Bartlesville reasonably accommodate the request(s) to the extent possible. However, it is the Consultant's responsibility to verify all information provided by City of Bartlesville and obtained by other means.
- The Consultant shall attend bi-weekly meetings, or anytime as deemed necessary, with City of Bartlesville staff throughout the design phase to provide status reports and discuss progress of the work. These meetings will be conference calls, phone calls, or virtual meetings, as needed. The Consultant shall prepare meeting agendas and summaries of the meetings. The summaries shall be issued within three (3) days of the meetings. The Consultant shall develop a standing agenda for these meetings and provide to the City of Bartlesville staff in advance.
- The Consultant shall submit monthly invoices for review and approval. Each invoice package shall comply with the requirements of the Contract and, at a minimum, include the cover letter, payment estimate certificate, and project status report.

The Project status report shall include the following elements:

- Project progress (summary of work completed to date and upcoming activities)

- Project scope elements added/removed
- Outstanding issues/concerns
- Other logs (submittals, RFIs, manual reviews, RFPs/COs, meetings, etc.)
- The management task includes the following sub-tasks by management phase:
 - 65% Design Phase
 - 95% Design Phase
 - Final Design and Bid Phase

1.1 Project Management Deliverables

The Consultant shall provide the following deliverables to City of Bartlesville.

- Monthly invoice package
- Agenda and meeting notes

Task 2: Permitting

Tetra Tech will prepare and submit the following permit applications and supporting documentation to Oklahoma Department of Environmental Quality (ODEQ) and the City’s Building Department to obtain permits for construction and operation the proposed facilities. Tetra Tech will also respond to requests for additional information (RAIs) from permitting agencies to clarify the original applications. All permit application fees will be paid by the City.

- ODEQ Permits for Plant Expansion and IPR Elements. Complete ODEQ Forms 583-B for the proposed improvements submit the application and supporting documentation to ODEQ. Subsequently, respond to RAIs as needed. ODEQ permit application submission will take place at the completion of the 95% design.
- Attend a pre-application meeting and prepare and submit documents to the City Planning Department to secure a Conditional Use Permit, as needed.
- Prepare documents and provide support to the Contractor to secure the required permits from the City’s Building Department.
- City of Bartlesville Floodplain Development Permit. Consultant will develop and submit floodplain development permit application.

Task 3: Design Development (65%)

The 65% Design Phase documents shall be based on the design concepts and criteria recommended by the Consultant and/or selected by the City of Bartlesville and presented in the final PER.

The Consultant shall:

- Attend coordination meetings associated with the planning, data acquisition, or design of the project.
- Develop meeting minutes and share with attendees.
- Determine final structure layout and section design by determination of critical elevations and dimensions.
- Develop schematic drawings of each structure as required. This includes hydraulic control structures, if applicable.
- Identify, design and draw plan view solution to utility conflicts to be relocated within the Project.

- IPR Engineering Report. Consultant shall prepare the IPR Engineering report documenting the IPR design elements for DEQ review and approval, based on the results of the pilot study.
- Preparation of 65% Design deliverables including but not limited to:
 - Title page / cover page
 - Sheet Index page
 - General Notes page(s)
 - Project Layout Sheet(s)
 - Demolition Sheet(s)
 - Civil design sheets: Site Plan and Yard Piping, as needed
 - Structural design sheets, as needed
 - Process Mechanical design sheets
 - Electrical sheets: Miscellaneous power and controls, SCADA sheets, Instrumentation, Grounding, Cable and Conduit schedule, Lighting, Legend, Panel layouts and schedules
 - Contractor access and staging plan sheets
 - Abandonment Plan Sheet(s), as needed
 - Proposed Temporary Water Service, Temporary Recycle Water Service, and Bypass Layout Sheet(s), as needed
 - List of standard details
 - List of special project specific details.
- Prepare draft technical specifications and special provisions.
- Prepare 65% OPCC.
- Update the project phasing/sequencing plan to address construction timing, construction methods, and other factors. Prepare and submit the construction implementation schedule to include all anticipated construction milestones accordingly.
- Submit draft 65% Design documents.
- Address City of Bartlesville’s review comments.

3.1 65% Design Phase Review Workshop and Site Visit

The Consultant shall conduct a 65% Design Phase review workshop and site visit with City of Bartlesville. This workshop shall be planned to convey the design concepts to City of Bartlesville’s staff as well as to review specific aspects of the design.

The Consultant shall prepare an action items list for the critical design/decision items that need to be addressed by City of Bartlesville’s staff and distribute prior to the workshop.

The Consultant shall prepare design review workshop agenda, presentation slides and attendance sheet, and distribute them during the meeting. The Consultant shall submit meeting and walkthrough minutes to City of Bartlesville’s Project Manager electronically for review within five (5) working days after the workshop and walkthrough. After incorporating all review comments, the Consultant shall submit the presentation slides, attendance sheet, and final minutes together electronically to the City of Bartlesville’s Project Manager within three (3) working days.

3.2 65% Design Phase Response to Comments

After the submittal of the 65% Design Phase documents, the review workshop and the walkthrough, City of Bartlesville will review the documents, and provide comments electronically in a tabular format, and provide the redlined submittal as well, as necessary. The Consultant shall

respond in writing to all comments and redlines within the amount of time specified in the Project schedule. The Consultant shall incorporate the responses to City of Bartlesville's comments into the 95% Design Phase documents.

No final 65% Design documents shall be submitted at the end of this phase. However, responses to all City of Bartlesville comments shall be provided and approved prior to proceeding to the next design phase.

3.3 65% Design Phase Deliverables

The Consultant shall provide the following deliverables to City of Bartlesville.

- Agendas presentation slides, attendance sheets, and draft and final meeting minutes from coordination meetings with stakeholders and permitting agencies.
- IPR Engineering Report based on the results of the pilot study
- 65% Design deliverables (plans, specifications, OPCC, construction implementation schedule – no engineering seal required)
- 65% Design review workshop agenda, presentation slides, attendance sheet, and draft and final meeting minutes
- 65% Design walkthrough minutes
- 65% Design OPCC
- Updated design schedule
- Response to City of Bartlesville's comments for 65% Design deliverables

Task 4: Construction Documents (95%)

City of Bartlesville will issue the Consultant the Approval to Proceed to the 95% Design Phase upon acceptance of the Consultant's responses to City of Bartlesville's review comments on the 65% Design Phase documents. However, in City of Bartlesville's sole determination, if it is deemed prudent, City of Bartlesville may issue the Approval to Proceed for the 95% Design Phase upon conditional acceptance of the Consultant's responses to City of Bartlesville's review comments on the draft 65% Design Phase documents.

The Consultant shall:

- Attend coordination meetings associated with the planning, data acquisition, or design of the Project and coordinate improvements with other governmental entities. Develop meeting minutes and share with attendees.
- Conduct site visits to review field conditions, validate survey information as required to ensure feasibility and constructability of the project.
- Preparation of 95% Design deliverables including:
 - Title page / cover page
 - Sheet Index page
 - General Notes page(s)
 - Project Layout Sheet(s)
 - Demolition Sheet(s)
 - Civil design sheets: Site Plan and Yard Piping, as needed
 - Structural design sheets, as needed
 - Process Mechanical design sheets
 - Electrical sheets: Miscellaneous power and controls, SCADA sheets, Instrumentation, Grounding, Cable and Conduit schedule, Lighting, Legend, Panel layouts and schedule

- Contractor access and staging plan sheets
- Abandonment Plan Sheet(s), as needed
- Construction phasing/ sequencing sheet
- Proposed Temporary Water Service, Temporary Recycle Water Service, and Bypass Layout Sheet(s), as needed
- List of standard technical details
- List of special project specific details.
- Prepare preliminary special technical specifications required for the project. Prepare technical specifications and special provisions.
- Prepare 95% OPCC.
- Update design schedule.
- Update the project phasing/sequencing plan to address construction timing, construction methods, and other factors. Update the construction implementation schedule to include all anticipated construction milestones accordingly.
- Provide calculations and supplemental information when requested for document clarity.
- Submit draft 95% Design documents.
- Conduct a plans-in-hand field walk-through meeting with City of Bartlesville's Engineering and Construction and Inspections staff to review plans, constructability, identify potential project risks, and other necessary items. Prepare a summary of items identified and comments provided during the walk-through and describe how those items will be addressed in the Contract Documents.
- Address City of Bartlesville's review comments.
- Perform internal quality management including control and assurance prior to submitting work products and design deliverables to City of Bartlesville in accordance with the QMP. Maintain these documents as part of the project records.

4.1 95% Design Phase Review Workshop and Site Visit

The Consultant shall conduct a 95% Design Phase review workshop with City of Bartlesville within one (1) week of delivery of the 95% Design Phase submittal. This workshop shall be planned to convey the design concepts to City of Bartlesville staff as well as to review specific aspects of the design. The Consultant shall prepare an action items list for the critical design/decision items that need to be addressed by City of Bartlesville staff and distribute prior to the workshop. City of Bartlesville review period will continue after the workshop after which City of Bartlesville will compile comments and send to the consultant.

The Consultant shall conduct a 95% Design Phase review site visit with City of Bartlesville's staff within a few days of the 95% Design Phase review workshop. This site visit shall be planned to walk City of Bartlesville's staff through the final design as well as to review/finalize specific aspects of the final design.

The Consultant shall prepare design review workshop agenda and attendance sheet and distribute them during the meeting. The Consultant shall submit meeting and site visit minutes to City of Bartlesville's Project Manager electronically for review within five (5) working days after the workshop and site visit. After incorporating all review comments, the Consultant shall submit the presentation slides, attendance sheet, and final minutes together electronically to the City of Bartlesville Project Manager within three (3) working days.

4.2 95% Design Phase Response to Comments

After the submittal of the 95% Design Phase documents, the review workshop and the walkthrough, City of Bartlesville will review the documents, and provide comments electronically in a tabular format, and provide the redlined submittal as well, as necessary. The Consultant shall respond in writing to all comments and redlines within the amount of time specified in the Project schedule. The Consultant shall incorporate the responses to City of Bartlesville's comments into the Bid-ready documents.

No final 95% Design documents shall be submitted at the end of this phase. However, responses to all City of Bartlesville comments shall be provided and approved prior to proceeding to the next design phase.

4.3 95% Design Phase Deliverables

The Consultant shall provide the following deliverables to City of Bartlesville.

- 95% Design deliverables (plans, specifications, OPCC, construction implementation schedule – no engineering seal required)
- 95% Design review workshop agenda, presentation slides, attendance sheet, and draft and final meeting minutes
- 95% Design OPCC
- 95% Design walkthrough minutes, as applicable
- Updated design schedule
- Response to City of Bartlesville's comments for 95% Design deliverables

Task 5: Final Design

City of Bartlesville shall provide the Consultant with written Approval to Proceed for the Final Design and Bid Phase Services upon acceptance of the Consultant's response to the City of Bartlesville's review comments on the 95% Design Phase documents. The Consultant shall package the finalized 95% Design Phase documents as "draft bid-ready documents" (also referred to as draft final Design documents).

The Consultant shall:

- Coordinate with City of Bartlesville's Engineering (and Contracts Administration staff, as necessary) in preparation of project advertisement. Consultant shall obtain the latest version of the front-end documents prior to compiling the draft set of Contract Documents. Consultant will coordinate bidding phase, including distribution of bid documents, bidder's coordination, and issuing addenda.
- Provide the Final Design and bid (final - signed and sealed) set of Contract Documents for project advertisement.
- Prepare final OPCC.
- Update design schedule with Final and bid deliverables.
- Update the project phasing/sequencing plan to address construction timing, construction methods, and other factors. Finalize the construction implementation schedule to include all anticipated construction milestones accordingly.
- Prepare presentation for Pre-Bid meeting highlighting the key aspects of the project.
- Prepare agenda for Pre-Bid meeting; participate in Pre-Bid meeting, and attend Bid Opening.

- Prepare addenda, as required.
- Review and evaluate bids including performing verification of Contractor’s qualifications and references.
- Prepare the Engineer’s letter of recommendation for the low responsible bidder.
- Perform internal quality management including control and assurance prior to submitting work products and design deliverables to the City of Bartlesville.

After the final review and approval of the draft bid-ready documents by City of Bartlesville’s Project Manager and City of Bartlesville’s Contracting Department, the Consultant shall make the necessary changes, and provide the final bid-ready documents referred to as signed/sealed “Contract Documents” for advertisement. All Contract Documents shall be signed and sealed by a registered professional engineer licensed in the State of Oklahoma and distributed by Consultant.

The Consultant shall provide the following deliverables to City of Bartlesville.

- Updated project schedule
- Final Design draft
- Final Design and bid deliverables (plans, specifications, OPCC, construction implementation schedule – signed and sealed)
- Meeting agenda for Pre-bid meetings
- Preparation of addenda, as required
- Engineer’s letter of recommendation for the low-bid
- Document summarizing the differences between the OPCC and the bid proposal, if applicable.

Task 6: Hydraulics Report

The Hydraulics Report Phase for the WWTP includes the hydraulic modeling that includes an evaluation of the compensatory storage requirements per City of Bartlesville ordinance to offset any floodplain storage and conveyance capacity and associated hydraulics report. This scope of work will occur simultaneously and in coordination with the detailed design phases.

6.1 Hydraulics Report

An engineering analysis and report will be developed for the hydraulic impacts of the proposed improvements in accordance with FEMA and City of Bartlesville requirements. The report will be submitted as a supplement to the WWTP Engineering Report already developed and will include the following:

- a. Review Existing Data/Modeling. Review previous WWTP design hydraulic modeling for the earlier proposed levee that included the FEMA current effective modeling, duplicate effective modeling, and the corrected effective model. This data will be used to set the baseline for the future FEMA CLOMR and/or LOMR and for the WWTP design relative to the Caney River water surface elevations, informing the proposed condition modeling in subsequent tasks.
- b. Proposed Hydraulic Modeling. Update the corrected effective model to develop a final existing conditions hydraulic model as well as create a proposed condition model that includes the proposed final design/grading for the WWTP to support a future CLOMR/LOMR. As the WWTP is in an existing floodway, an updated

floodway analysis will be conducted as well to remove the WWTP from the floodway with the assumptions that it was improperly placed in the original mapping and that there should be minimal impact to the water surface elevations due to the requirement for compensatory storage. The modeling with the proposed improvements will be documented and show the expected water-surface elevations to inform the liquid and solids streams under varied flow conditions.

- c. Compensatory Storage Analysis. Per City of Bartlesville regulatory requirements, the modeling will include modeling plans/updates to account for compensatory storage and conveyance for the Caney River given any potential losses for such from the final design plans of the WWTP. The Hydraulic Report will reflect the results of this analysis.
- d. Hydraulics Report. A digital copy of the Hydraulics Report will be submitted for review. The report will detail the hydraulic modeling results and the results of the compensatory analysis. Following a review meeting with City of Bartlesville, comments will be incorporated, and a final report will be submitted to the City of Bartlesville.
- e. Assumptions.
 1. Hydraulic Study Limits – This proposed scope of work does not include any scour or geomorphic analyses as there is no longer a proposed levee. However, if new features of the final WWTP design require these analyses (such as perhaps an outfall outlet), they will be considered as Additional Services.

Task 7: Bidding Phase

5.1 Advertisement

Consultant shall coordinate and assist City of Bartlesville for bid advertisement for the project.

5.2 Pre-bid Conference

Consultant shall assist City of Bartlesville in the pre-bid meeting and lead the project presentation and answer questions. The Consultant shall submit a draft agenda for City of Bartlesville's project manager electronically for review at least five (5) working days prior to the conference and finalize incorporating all comments.

5.3 Addenda

Any changes to the Contract Documents resulting from bidder questions shall be addressed formally through addenda. Upon receipt of questions from potential bidders, the Consultant shall prepare a log of all questions and provide responses through an addendum (or addenda) for distribution to the potential bidders. The Consultant shall prepare addenda in pdf format and seal. All addenda shall be issued to bidders through City of Bartlesville's Contract Administration Department.

5.4 Bid Evaluation and Recommendation

City of Bartlesville's Contract Administration Department shall provide the Consultant with the bid tabulation and the bid packets. The Consultant shall review the bid packets, determine if the apparent low bidder is the lowest responsible bidder, and prepare a letter of recommendation of award. At a minimum, the bid packet review shall examine previous project history (contact client

references), proposed superintendent's work history, and OSHA safety record. The Consultant shall also assess the bid for balance. The Consultant shall consult with City of Bartlesville as to the acceptability of major subcontractors, suppliers and other entities included in the bid packet.

IV. COMPENSATION

The total Lump Sum fee for the Scope of Services described above is \$4,350,478.00. A pricing proposal is provided in Attachment 2.

V. SCHEDULE

A proposed schedule for the Scope of Services described above is provided in Attachment 3.

ATTACHMENT 1 – ANTICIPATED DRAWING LIST

<i>Sheet</i>	<i>Sheet No.</i>	<i>Sheet Description</i>
Count		General
1	-	Cover Sheet
2	G-0001	Drawing Index
3	G-0002	Drawing Index
4	G-0005	General Notes
5	G-0006	Legend and Abbreviations
6	G-0007	Existing Liquid Process Flow Diagram
7	G-0008	Existing Solids Process Flow Diagram
8	G-0009	Proposed Liquid Process Flow Diagram
9	G-0010	Proposed Liquid IPR Process Flow Diagram
10	G-0011	Proposed Solids Process Flow Diagram
11	G-0012	Hydraulic Profile
12	G-0013	Hydraulic Profile
13	G-0014	Hydraulic Profile
14	G-0015	Site Key Plan
15	G-0016	Construction Phasing
		Demolition
16	X-1001	Site Plan - Demolition
17	X-1002	Enlarged Site Plan - Demolition
18	X-1003	Existing Operations Building Demolition Plan
19	X-1004	Existing Operations Building Demolition Plan
20	X-1501	Existing Grit Chambers and Primary Clarifiers Plan
21	X-1502	Existing Grit Chambers and Primary Clarifiers Section
22	X-2001	Aeration Basin Influent Channel Demolition Plan & Section
23	X-2501	Aeration Basin No. 1 & No. 2 Demolition Plan
24	X-2502	Aeration Basin No. 3 Demolition Plan
25	X-2503	Aeration Basin No. 3 Demolition Section
26	X-2504	Aeration Basin Effluent Flow Splitter Demolition
27	X-3001	Blower Building Demolition Plan
28	X-3002	Blower Building Demolition Section
29	X-5501	Existing Chlorine Basin Demolition Plan
30	X-5502	Existing Chlorine Basin Demolition Section
31	X-5503	Existing RAS/WAS Pump Station Demolition Plan
32	X-5504	Existing RAS/WAS Pump Station Demolition Section
33	X-6001	Existing Effluent Pumps Demolition Plan & Section
34	X-7501	Existing Digester Control Building Plan
35	X-7502	Existing Digester Control Building Section

36	X-7503	Primary Digester No. 1 Demolition Plan & Section
37	X-7504	Primary Digester No. 2 Demolition Plan & Section
38	X-7505	Secondary Digester No. 1 Demolition Plan & Section
39	X-8001	Sludge Storage Basin No. 2 (Former AB-1) Demolition Plan
40	X-8002	Sludge Storage Basin No. 2 (Former AB-1) Demolition Section
		Civil
41	C-0001	Civil General Notes and Legend
42	C-0002	Existing Conditions (Survey)
43	C-0101	Site Plan
44	C-0102	Enlarged Site Plan
45	C-0103	Enlarged Site Plan
46	C-0104	Enlarged Site Plan
47	C-0105	Enlarged Site Plan
48	C-0106	Construction Access/Staging
49	C-0107	Construction Laydown and Traffic Areas
50	C-0108	Yard Piping Plan
51	C-0109	Yard Piping Plan
52	C-0110	Yard Piping Plan
53	C-0111	Yard Piping Plan
54	C-0112	Yard Piping Plan
55	C-0113	Yard Piping Plan
56	C-0114	Yard Piping Plan
57	C-0115	Yard Piping Plan
58	C-0116	Yard Piping Plan
59	C-0117	Yard Piping Plan
60	C-0118	Yard Piping Sections and Details
61	C-0119	Yard Piping Sections and Details
62	C-0120	Yard Piping Sections and Details
63	C-0121	Yard Piping Sections and Details
64	C-0122	Yard Piping Schedule
65	C-0123	Yard Piping Schedule
66	C-0124	Valve and Gate Schedule
67	C-0125	Valve and Gate Schedule
68	C-0126	Grading, Drainage and Paving Plan
69	C-0127	Grading, Drainage and Paving Plan
70	C-0128	Grading, Drainage and Paving Plan
71	C-0129	Grading, Drainage and Paving Plan
72	C-0130	Grading, Drainage and Paving Plan
73	C-0131	Grading, Drainage and Paving Plan
74	C-0132	Grading, Drainage and Paving Plan
75	C-0133	Grading, Drainage and Paving Plan

76	C-0134	Grading, Drainage and Paving Plan
77	C-0135	Grading, Drainage and Paving Plan
78	C-0136	Grading/Drainage Notes
79	C-0137	Paving Cross Sections
80	C-0138	Paving Cross Sections
81	C-0139	Paving Cross Sections
82	C-0140	Erosion Control Details
83	C-0141	Erosion Control Details
84	C-0142	Erosion Control Details
85	C-0143	Erosion Control Details
86	C-0144	Erosion Control Details
87	C-9901	Civil Standard Details
88	C-9902	Civil Standard Details
89	C-9903	Civil Standard Details
90	C-9904	Civil Standard Details
91	C-9905	Civil Standard Details
92	C-9906	Civil Standard Details
93	C-9904	Civil Standard Details
		Architectural
94	A-0001	Architectural General Notes
95	A-0002	Architectural Standards
96	A-0003	Architectural Code Review and Rainwater Calculations
97	A-0501	Administrative Building Life Safety
98	A-0502	Administrative Building Architectural Floor Plan
99	A-0503	Administrative Building Architectural Roof Plan
100	A-0504	Administrative Building Architectural Reflected Ceiling Plan
101	A-0505	Administrative Building Architectural Exterior Elevations
102	A-0506	Administrative Building Architectural Sections
103	A-0507	Administrative Building Architectural Enlarged Plans and Interior Elevations
104	A-0508	Architectural Wall Sections
105	A-0509	Architectural Wall Sections
106	A-0510	Administrative Building Architectural Schedules and Details
107	A-1001	Headworks Building Life Safety and Code Review
108	A-1002	Headworks Building Architectural Floor Plan
109	A-1003	Headworks Building Architectural Reflected Ceiling Plan and Roof Plan
110	A-1004	Headworks Building Architectural Wall Elevations and Sections
111	A-1005	Headworks Building Architectural Elevations and Building Sections
112	A-1006	Headworks Building Architectural Door and Finish Schedule and Signage
113	A-3001	Blower Building Life Safety and Code Review
114	A-3002	Blower Building Architectural Floor Plan
115	A-3003	Blower Building Architectural Wall Elevations and Sections

116	A-3004	Blower Building Architectural Door and Finish Schedule and Signage
117	A-6501	RAS/WAS PS Building Life Safety and Code Review
118	A-6502	RAS/WAS PS Building Architectural Floor Plan
119	A-6503	RAS/WAS PS Building Architectural Reflected Ceiling Plan and Roof Plan
120	A-6504	RAS/WAS PS Building Architectural Wall Elevations and Sections
121	A-6505	RAS/WAS PS Building Architectural Elevations and Building Sections
122	A-6506	RAS/WAS PS Building Architectural Door and Finish Schedule and Signage
123	A-7001	WAS Thickening Building Life Safety and Code Review
124	A-7002	WAS Thickening Building Architectural Floor Plan
125	A-7003	WAS Thickening Building Architectural Reflected Ceiling Plan and Roof Plan
126	A-7004	WAS Thickening Building Architectural Wall Elevations and Sections
127	A-7005	WAS Thickening Building Architectural Elevations and Building Sections
128	A-7006	WAS Thickening Building Architectural Door and Finish Schedule and Signage
129	A-7501	Digester Control Building Life Safety and Code Review
130	A-7502	Digester Control Building Architectural Floor Plan
131	A-7503	Digester Control Building Architectural Wall Elevations and Sections
132	A-7504	Digester Control Building Architectural Door and Finish Schedule and Signage
133	A-9901	Architectural Details
134	A-9902	Architectural Details
135	A-9903	Architectural Details
136	A-9904	Architectural Details
137	A-9905	Architectural Details
138	A-9906	Architectural Details
139	A-9907	Architectural Details
		Structural
140	S-0001	General Notes & Design Criteria
141	S-0002	Component & Cladding Wind Pressures
142	S-0003	Concrete Notes
143	S-0004	Foundations & Masonry Notes
144	S-0005	Steel & Miscellaneous Notes
145	S-0006	Special Inspections Notes
146	S-0501	Administration Building Foundation & Slab Plan
147	S-0502	Administration Building Roof Framing Plan
148	S-0503	Administration Building Sections
149	S-0504	Administration Building Sections
150	S-0505	Administration Building Details
151	S-1001	Headworks Foundation Plan
152	S-1002	Headworks Intermediate Level Plan
153	S-1003	Headworks Upper Floor Plan
154	S-1004	Headworks Roof Framing Plan
155	S-1005	Headworks Sections

156	S-1006	Headworks Sections
157	S-1007	Headworks Sections
158	S-1008	Headworks Sections
159	S-1009	Headworks Sections
160	S-1501	Primary Clarifiers #1, #2, #3 Base Plan
161	S-1502	Primary Clarifiers #1, #2, #3 Top Plan
162	S-1503	Primary Clarifiers #1, #2, #3 Sections
163	S-2001	Aeration Basin Influent Splitter Box Plan
164	S-2002	Aeration Basin Influent Splitter Box Section
165	S-2501	Aeration Basins #1 and #2 Base Plan
166	S-2502	Aeration Basins #1 and #2 Modifications Plan
167	S-2503	Aeration Basin #3 and UV Disinfection Base Plan
168	S-2504	Aeration Basin #3 and UV Disinfection Top Plan
169	S-2505	Aeration Basins #1 & #2 Sections
170	S-2506	Aeration Basin #3 Sections
171	S-2507	Aeration Basin #3 Sections
172	S-3001	Blower Building Improvements Plan
173	S-3002	Blower Building Improvements Section
174	S-3501	Secondary Clarifier Splitter Box - Foundation & Intermediate Plans
175	S-4001	Secondary Clarifier #1 and #2 Plans
176	S-4002	Secondary Clarifier Splitter Box - Upper-Level Plan and Sections
177	S-4003	Secondary Clarifier #2 Foundation Plan
178	S-4004	Secondary Clarifier #3 Foundation Plan
179	S-4005	Secondary Clarifier #2 Top Plan
180	S-4006	Secondary Clarifier #3 Top Plan
181	S-4501	OPDES/IPR Flow Splitter Box Plan
182	S-4502	OPDES/IPR Flow Splitter Box Section
183	S-5001	Tertiary Filtration Overall Top Plan
184	S-5002	Tertiary Filtration Filters Foundation Plan
185	S-5003	Tertiary Filtration Sections Backwash Storage Tank Foundation Plan
186	S-5004	Tertiary Filtration Filters Top Plan
187	S-5005	Tertiary Filtration Backwash Storage Top Tank
188	S-5006	Tertiary Filtration Sections
189	S-5007	Tertiary Filtration Sections
190	S-5501	UV Disinfection Plan
191	S-5502	UV Disinfection Plan
192	S-5503	UV Disinfection Sections
193	S-5504	UV Disinfection Sections
194	S-6001	Outfall Structure Plans
195	S-6002	Outfall Structure Sections
196	S-6501	RAS/WAS/Scum Pump Station Intermediate Plan

197	S-6502	RAS/WAS/Scum Pump Station Top Plan
198	S-6503	RAS/WAS/Scum Pump Station Sections
199	S-7001	WAS Thickening Foundation & Slab Plan
200	S-7002	WAS Thickening Roof Framing Plan
201	S-7003	WAS Thickening Foundation Sections
202	S-7501	Primary Digesters #1 & #2 and Digester Building Foundation Plan
203	S-7502	Primary Digesters #1 & #2 and Digester Building Mid-Level Plan
204	S-7503	Primary Digesters #1 & #2 and Digester Building Top Plan
205	S-7504	Secondary Digester No. 1 Plan
206	S-7505	Secondary Digester No. 1 Section
207	S-7506	Primary Digester #3 Plan
208	S-7507	Primary Digester #3 Sections
209	S-8001	Sludge Storage Modification Base Plan
210	S-8002	Sludge Storage Modification Top Plan
211	S-8003	Sludge Storage Sections
212	S-8004	Sludge Storage Sections
213	S-8501	Generator Pad Plan and Section
214	S-9901	Standard Details - Concrete
215	S-9902	Standard Details - Concrete
216	S-9903	Standard Details - Precast
217	S-9904	Standard Details - Masonry
218	S-9905	Standard Details - CFS Framing
219	S-9906	Standard Details - CFS Framing
220	S-9907	Standard Details - Grating, Handrail, Ladders, Stairs
		Process
221	D-0001	Process Symbols, Abbreviations and Piping Legend
222	D-1001	Headworks Lower-Level Plan
223	D-1002	Headworks Intermediate Plan
224	D-1003	Headworks Upper-Level Plan
225	D-1004	Headworks Sections
226	D-1005	Headworks Sections
227	D-1006	Headworks Sections
228	D-1501	Primary Clarifiers No. 1, No. 2, No. 3 Modification Plan
229	D-1502	Primary Clarifiers No. 1, No. 2, No. 3 Modification Sections
230	D-2001	Aeration Basin Influent Splitter Box Plan
231	D-2002	Aeration Basin Influent Splitter Box Section and Details
232	D-2501	Aeration Basin No. 1 Modifications Plan
233	D-2502	Aeration Basin No. 1 Modifications Section
234	D-2503	Aeration Basin No. 2 Modifications Plan
235	D-2504	Aeration Basin No. 2 Modifications Section
236	D-2505	Aeration Basin No. 3 Modifications Plan

237	D-2506	Aeration Basin No. 3 Modifications Section
238	D-3001	Blower Building Modifications Plan
239	D-3002	Blower Building Modifications Section and Details
240	D-3003	Blower Building Modifications Section and Details
241	D-3501	Secondary Clarifier Splitter Box Plan
242	D-3502	Secondary Clarifier Splitter Box Section and Details - I
243	D-3503	Secondary Clarifier Splitter Box Section and Details - II
244	D-4001	Secondary Clarifiers No. 2 Plan
245	D-4002	Secondary Clarifier No. 2 Section and Details - I
246	D-4003	Secondary Clarifier No. 2 Section and Details - II
247	D-4004	Secondary Clarifier No. 3 Plan
248	D-4005	Secondary Clarifiers No. 3 Section and Details - I
249	D-4006	Secondary Clarifiers No. 3 Section and Details - II
250	D-4501	OPDES/IPR Flow Splitter Box Plan
251	D-4502	OPDES/IPR Flow Splitter Box Section and Details - I
252	D-4503	OPDES/IPR Flow Splitter Box Section and Details - II
253	D-5001	Tertiary Filtration Upper-Level Plan
254	D-5002	Tertiary Filtration Lower-Level Plan
255	D-5003	Tertiary Filtration Sections and Details - I
256	D-5004	Tertiary Filtration Sections and Details - II
257	D-5501	UV Disinfection Intermediate Plan
258	D-5502	UV Disinfection Upper Level Plan
259	D-5503	UV Disinfection Sections and Details - I
260	D-5504	UV Disinfection Sections and Details - II
261	D-5505	UV Disinfection Sections and Details - III
262	D-6001	Effluent Pumping/Outfall Structure Plan
263	D-6002	Effluent Pumping/Outfall Structure Sections
264	D-6501	RAS/WAS/Scum Pump Station Plan
265	D-6502	RAS/WAS/Scum Pump Station Sections and Details - I
266	D-6503	RAS/WAS/Scum Pump Station Sections and Details - II
267	D-7001	WAS Thickening Plan
268	D-7002	WAS Thickening Sections and Details - I
269	D-7003	WAS Thickening Sections and Details - II
270	D-7501	Existing Primary Anaerobic Digesters No. 1 Modifications Plan and Section
271	D-7502	Existing Primary Anaerobic Digesters No. 2 Modifications Plan and Section
272	D-7503	Primary Anaerobic Digester No. 3 Plan
273	D-7504	Primary Anaerobic Digester No. 3 Section
274	D-7505	Existing Secondary Anaerobic Digesters No. 1 Modification Plan
275	D-7506	Existing Secondary Anaerobic Digesters No. 1 Modification Section and Details
276	D-7507	Digester Control Building Plan
277	D-7508	Digester Control Building Section and Details - I

278	D-7509	Digester Control Building Section and Details - II
279	D-8001	Sludge Storage No. 1 Modifications Plan
280	D-8002	Sludge Storage No. 1 Modifications Sections
281	D-8003	Sludge Storage No. 2 Modifications Plan
282	D-8004	Sludge Storage No. 2 Modifications Sections
283	D-9901	Standard Process Details
284	D-9902	Standard Process Details
285	D-9903	Standard Process Details
286	D-9904	Standard Process Details
287	D-9905	Standard Process Details
288	D-9906	Standard Process Details
		Plumbing
289	P-0001	Plumbing Legend and Notes
290	P-0501	Administration Building Sanitary Piping Plan
291	P-0502	Administration Building Pressure Piping Plan
292	P-0503	Administration Building Roof Drainage Plan
293	P-0504	Administration Building Enlarged Sanitary Piping Plans
294	P-0505	Administration Building Enlarged Pressure Piping Plans
295	P-0506	Administration Building Enlarged Mechanical Room Plan
296	P-0507	Administration Building Sanitary Piping Riser Diagram
297	P-0508	Administration Building Sanitary Piping Riser Diagram
298	P-0509	Administration Building Domestic Piping Riser Diagram
299	P-0510	Administration Building Domestic Piping Riser Diagram
300	P-0511	Administration Building Storm Drainage Riser Diagram
301	P-0512	Administration Building Plumbing Schedules
302	P-1001	Headworks Sanitary Piping Plan
303	P-1002	Headworks Pressure Piping Plan
304	P-1003	Headworks Roof Drainage Plan
305	P-1004	Headworks Enlarged Plumbing Plans
306	P-1005	Headworks Riser Diagrams
307	P-1006	Headworks Plumbing Schedules
308	P-3001	Blower Building Sanitary Piping Plan
309	P-3002	Blower Building Pressure Piping Plan
310	P-3003	Blower Building Roof Drainage Plan
311	P-3004	Riser Diagrams
312	P-3005	Blower Building Plumbing Schedules
313	P-6501	RAS/WAS PS Building Sanitary Piping Plan
314	P-6502	RAS/WAS PS Building Pressure Piping Plan
315	P-6503	RAS/WAS PS Building Roof Drainage Plan
316	P-6504	Riser Diagrams
317	P-6505	RAS/WAS PS Building Plumbing Schedules

318	P-7001	WAS Thickening Building Sanitary Piping Plan
319	P-7002	WAS Thickening Building Pressure Piping Plan
320	P-7003	WAS Thickening Building Roof Drainage Plan
321	P-7004	Riser Diagrams
322	P-7005	WAS Thickening Building Plumbing Schedules
323	P-7501	Digester Control Building Sanitary Piping Plan
324	P-7502	Digester Control Building Pressure Piping Plan
325	P-7503	Digester Control Building Roof Drainage Plan
326	P-7504	Riser Diagrams
327	P-7505	Digester Control Building Plumbing Schedules
328	P-9901	Plumbing Details
329	P-9902	Plumbing Details
330	P-9903	Plumbing Details
331	P-9904	Plumbing Details
332	P-9905	Plumbing Details
333	P-9906	Plumbing Details
334	P-9907	Plumbing Details
		Mechanical
335	M-0001	HVAC Symbols and Abbreviations
336	M-0501	Administration Building HVAC Zoning Plan
337	M-0502	Administration Building HVAC Overall Plan
338	M-0503	Administration Building HVAC Duct Plan
339	M-0504	Administration Building HVAC Duct Plan
340	M-0505	Administration Building HVAC Sections
341	M-0506	Administration Building HVAC Piping Plan
342	M-0507	Administration Building HVAC Piping Plan
343	M-0508	Administration Building HVAC Enlarged Plans
344	M-0509	Administration Building HVAC Schedules
345	M-0510	Administration Building HVAC Controls
346	M-0511	Administration Building HVAC Controls
347	M-1001	Headworks HVAC Airflow Diagram
348	M-1002	Headworks HVAC Plan
349	M-1003	Headworks HVAC Enlarged Plan
350	M-1004	Headworks HVAC Sections
351	M-1005	Headworks HVAC Schedules
352	M-1006	Headworks HVAC Controls
353	M-3001	Blower Building HVAC Airflow Diagram
354	M-3002	Blower Building HVAC Plan
355	M-3003	Blower Building HVAC Sections
356	M-3004	Blower Building HVAC Schedules
357	M-3004	Blower Building HVAC Controls

358	M-6501	RAS/WAS PS HVAC Airflow Diagram
359	M-6502	RAS/WAS PS HVAC Plan
360	M-6503	RAS/WAS PS HVAC Sections
361	M-6504	RAS/WAS PS HVAC Schedules
362	M-6505	RAS/WAS PS HVAC Controls
363	M-7001	WAS Thickening Building HVAC Airflow Diagram
364	M-7002	WAS Thickening Building HVAC Plan
365	M-7003	WAS Thickening Building HVAC Sections
366	M-7004	WAS Thickening Building HVAC Schedules
367	M-7005	WAS Thickening Building HVAC Controls
368	M-7501	Digester Control Building HVAC Plan
369	M-7502	Digester Control Building HVAC Sections
370	M-7503	Digester Control Building HVAC Schedules
371	M-7504	Digester Control Building HVAC Controls
372	M-9901	HVAC Details
373	M-9902	HVAC Details
374	M-9903	HVAC Details
375	M-9904	HVAC Details
376	M-9905	HVAC Details
377	M-9906	HVAC Details
378	M-9907	HVAC Details
379	M-9908	HVAC Details
		Electrical
380	E-0001	Electrical Legend and Notes
381	E-0101	Electrical Power Distribution Site Plan 1
382	E-0102	Electrical Power Distribution Site Plan 2
383	E-0103	Electrical Power Distribution Site Plan 3
384	E-0104	Electrical Power Distribution Site Plan 4
385	E-0105	Electrical Power Distribution Site Plan 5
386	E-0106	Electrical Power Distribution Site Plan 6
387	E-0107	Electrical Site Lighting Plan
388	E-0108	Single Line Diagram and Panel Schedules
389	E-0109	Single Line Diagram and Panel Schedules
390	E-0110	Single Line Diagram and Panel Schedules
391	E-0111	Single Line Diagram and Panel Schedules
392	E-0112	Single Line Diagram and Panel Schedules
393	E-0113	Single Line Diagram and Panel Schedules
394	E-0114	Single Line Diagram and Panel Schedules
395	E-0115	Wiring Diagrams
396	E-0116	Wiring Diagrams
397	E-0117	Wiring Diagrams

398	E-0118	Wiring Diagrams
399	E-0501	Administrative Building Power Plan
400	E-0502	Administrative Building Lighting Plan
401	E-0503	Administrative Building Lightning Protection and Grounding
402	E-1001	Headworks Power Plan
403	E-1002	Headworks Lighting Plan
404	E-1003	Headworks Lightning Protection and Grounding Plan
405	E-1501	Primary Clarifiers Power Plan
406	E-1502	Primary Clarifiers Lighting Plan
407	E-2501	Aeration Basins Power Plan
408	E-2502	Aeration Basins Lighting Plan
409	E-3001	Blower Building Power Plan
410	E-3002	Blower Building Lightening Plan
411	E-4001	Secondary Clarifiers Power Plan
412	E-4002	Secondary Clarifiers Lighting Plan
413	E-5001	Tertiary Filtration Power Plan
414	E-5002	Tertiary Filtration Lighting Plan
415	E-5501	UV Disinfection Power Plan
416	E-5502	UV Disinfection Lighting Plan
417	E-6001	Effluent Pumping/Outfall Structure Power Plan
418	E-6002	Effluent Pumping/Outfall Structure Lighting Plan
419	E-6501	RAS/WAS/Scum Pump Station Power Plan
420	E-6502	RAS/WAS/Scum Pump Station Lighting Plan
421	E-7001	WAS Thickening Power Plan
422	E-7002	WAS Thickening Lighting Plan
423	E-7501	Anaerobic Digester Power Plan
424	E-7502	Anaerobic Digester Lighting Plan
425	E-8001	Sludge Storage Power Plan
426	E-8002	Sludge Storage Lighting Plan
427	E-8501	Emergency Generator Power Plan
428	E-9901	Electrical Lighting Fixture Schedule and Details
429	E-9902	Electrical Duct Bank Schedule and Details
430	E-9903	Electrical Details
431	E-9904	Electrical Details
432	E-9905	Electrical Details
433	E-9906	Electrical Details
434	E-9907	Electrical Details
435	E-9908	Electrical Details
436	E-9909	Electrical Details
437	E-9910	Electrical Details
438	E-9911	Electrical Details

		Instrumentation
439	I-0001	Instrumentation Legend and Abbreviations
440	I-0002	Instrumentation Notes
441	I-0003	Network Architecture
442	I-0004	Network Architecture
443	I-0005	Network Architecture
444	I-0006	Network Architecture
445	I-0501	Admin SCADA Panel
446	I-1001	Headworks SCADA Panel
447	I-1002	Headworks SCADA Panel
448	I-1003	Headworks SCADA Panel
449	I-1501	Primary Clarifiers SCADA Panel
450	I-2501	Aeration Basin SCADA Panel
451	I-2502	Aeration Basin SCADA Panel
452	I-3001	Blowers SCADA Panel
453	I-3002	Blowers SCADA Panel
454	I-4001	Secondary Clarifiers SCADA Panel
455	I-4002	Secondary Clarifiers SCADA Panel
456	I-5001	Tertiary Filtration SCADA Panel
457	I-5002	Tertiary Filtration SCADA Panel
458	I-5501	UV Disinfection SCADA Panel
459	I-5502	UV Disinfection SCADA Panel
460	I-6001	Effluent Pumping SCADA Panel
461	I-6501	RAS/WAS/Scum Pump Station SCADA Panel
462	I-6502	RAS/WAS/Scum Pump Station SCADA Panel
463	I-6503	RAS/WAS/Scum Pump Station SCADA Panel
464	I-7001	WAS Thickening SCADA Panel
465	I-7002	WAS Thickening SCADA Panel
466	I-7003	WAS Thickening SCADA Panel
467	I-7501	Anaerobic Digester SCADA Panel
468	I-7502	Anaerobic Digester SCADA Panel
469	I-8001	Sludge Storage SCADA Panel
470	I-8002	Sludge Storage SCADA Panel
471	I-8003	Emergency Generator SCADA Panel
472	I-9901	Instrumentation Details
473	I-9902	Instrumentation Details
474	I-9903	Instrumentation Details
475	I-9904	Instrumentation Details
476	I-9905	Instrumentation Details
477	I-9903	Instrumentation Details

ATTACHMENT 2 – PRICE PROPOSAL

Price Proposal

Bartlesville Chickasaw WWTP Detailed Design

Detailed design from 30% design phase through final design, including bidding services
Submitted to: City of Bartlesville (Attn: Terry Lauritsen)

Contract Type: Fixed Price

		Bill Rate		31 Resource																												Total Price			
		280.00	395.00	130.00	275.00	280.00	170.00	130.00	130.00	250.00	380.00	165.00	370.00	210.00	250.00	245.00	195.00	180.00	240.00	175.00	100.00	200.00	265.00	180.00	175.00	280.00	265.00	115.00	115.00	255.00	380.00	115.00			
		940	120	40	40	918	940	892	1,632	628	584	220	92	658	158	816	466	822	328	578	796	28	512	688	1,092	64	500	800	1,242	370	316	40			
		3,423,842	915,636	11,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		101,474	90,864	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		28,021	90,864	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		27,807	27,807	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		12,239	12,239	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		10,061	10,061	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		3,137	3,137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		13,892	24,539	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		4,851	15,413	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		1,147	1,147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		7,894	9,123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		7,894	9,123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		1,664,334	384,080	5,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		103,530	5,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		25,972	25,972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		1,400,680	278,664	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		47,282	69,027	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		60,974	3,849	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		25,998	9,324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		988,166	164,081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		9,674	13,214	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		83,524	118,405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		13,380	23,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		14,575	14,575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		9,878	9,493	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		621,358	130,484	5,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		99,534	5,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		48,459	96,493	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		51,775	20,010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		15,975	8,982	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		12,216	12,216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		91,236	91,236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		91,236	91,236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		36,619	36,313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		10,099	27,251	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		2,161	2,161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		10,099	10,099	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		2,161	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		2,161	2,161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		7,938	7,938	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Totals		3,423,842	915,636	11,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

ATTACHMENT 3 - SCHEDULE

ID	Task Mode	Task Name	Duration	Start	Finish	Oct '24	Nov '24	Dec '24	Jan '25	Feb '25	Mar '25	Apr '25	May '25	Jun '25	Jul '25	Aug '25	Sep '25	Oct '25	Nov '25	Dec '25	Jan '26	Feb '26	Mar '26	Apr '26	May '26	Jun '26	Jul '26	Aug '26
1	★	1.0 Management and Administration	381 days	Mon 2/3/25	Mon 7/20/26																							
2	★	1.01 Administration	381 days	Mon 2/3/25	Mon 7/20/26																							
3	★	1.02 Project Management and Scheduling	381 days	Mon 2/3/25	Mon 7/20/26																							
4	★	1.03 QA/QC Program	381 days	Mon 2/3/25	Mon 7/20/26																							
5	★	1.04 Financial Management, Accounting,	381 days	Mon 2/3/25	Mon 7/20/26																							
6	★	1.05 Project Reporting	381 days	Mon 2/3/25	Mon 7/20/26																							
7	★	2.0 Permitting	75 days	Mon 1/19/26	Fri 5/1/26																							
8	★	2.01 Permitting Meetings	75 days	Mon 1/19/26	Fri 5/1/26																							
9	★	2.02 Permitting Log	75 days	Mon 1/19/26	Fri 5/1/26																							
10	★	2.03 Permits	75 days	Mon 1/19/26	Fri 5/1/26																							
11	★	ODEQ Permit	75 days	Mon 1/19/26	Fri 5/1/26																							
12	★	3.0 65% Design Completion Documents	136 days	Mon 2/3/25	Mon 8/11/25																							
13	★	3.01 Meetings	130 days	Mon 2/3/25	Fri 8/1/25																							
14	★	3.02 IPR Engineering Report	63 days	Mon 2/3/25	Wed 4/30/25																							
15	★	3.03 65% Design Drawings	130 days	Mon 2/3/25	Fri 8/1/25																							
16	★	3.04 65% Specifications	130 days	Mon 2/3/25	Fri 8/1/25																							
17	★	3.05 Opinion of Probable Construction Cost	130 days	Mon 2/3/25	Fri 8/1/25																							
18	★	3.06 65% Review Workshop and Comment Responses	1 day	Fri 8/8/25	Fri 8/8/25																							
19	★	4.0 95% Design Phase	115 days	Mon 8/11/25	Fri 1/16/26																							
20	★	4.01 Meetings	110 days	Mon 8/11/25	Fri 1/9/26																							
21	★	4.02 95% Design Drawings	110 days	Mon 8/11/25	Fri 1/9/26																							
22	★	4.03 95% Design Specificatic	110 days	Mon 8/11/25	Fri 1/9/26																							
23	★	4.04 Opinion of Probable Construction Cost	110 days	Mon 8/11/25	Fri 1/9/26																							
24	★	4.05 95% Design Review Workshop and Comments	1 day	Fri 1/16/26	Fri 1/16/26																							
25	★	5.0 Final Design Phase	75 days	Mon 1/19/26	Fri 5/1/26																							
26	★	5.01 Meetings	75 days	Mon 1/19/26	Fri 5/1/26																							
27	★	5.02 Final Design Drawings	75 days	Mon 1/19/26	Fri 5/1/26																							
28	★	5.03 Final Design Specificatic	75 days	Mon 1/19/26	Fri 5/1/26																							
29	★	5.04 Opinion of Probable Construction Cost	75 days	Mon 1/19/26	Fri 5/1/26																							
30	★	5.05 Final Design Review Workshop and Comment Responses	1 day	Fri 5/8/26	Fri 5/8/26																							
31	★	6.0 Hydraulics Report	245 days	Mon 2/3/25	Fri 1/9/26																							
32	★	6.01 Hydraulics Report and CLOMR Support	245 days	Mon 2/3/25	Fri 1/9/26																							
33	★	7.0 Bid and Award Phase	50 days	Mon 5/11/26	Fri 7/17/26																							
34	★	7.01 Prepare Bid Documents	5 days	Mon 5/11/26	Fri 5/15/26																							
35	★	7.02 Pre-Bid Conference and Site Meeting	1 day	Wed 5/27/26	Wed 5/27/26																							
36	★	7.03 Prepare Addenda	11 days	Wed 5/27/26	Wed 6/10/26																							
37	★	7.04 Bid Opening	1 day	Fri 6/19/26	Fri 6/19/26																							
38	★	7.05 Bid Award	1 day	Fri 7/17/26	Fri 7/17/26																							
39	★	7.06 Conformed Plans	21 days	Fri 6/19/26	Fri 7/17/26																							

Project: Bartlesville detailed des
Date: Fri 12/6/24

Task		Summary		Inactive Milestone		Duration-only		Start-only		External Milestone		Manual Progress	
Split		Project Summary		Inactive Summary		Manual Summary Rollup		Finish-only		Deadline			
Milestone		Inactive Task		Manual Task		Manual Summary		External Tasks		Progress			

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Agreement with Ochelata Rural Fire for antenna and repeater installation

Attachments:

Agreement with Ochelata Rural Fire

II. STAFF COMMENTS AND ANALYSIS

The Ochelata Rural Fire Department has requested through the Water Utilities Director Terry Lauritsen, of an agreement to mount an antenna and locate a 10x 10 structure on and by a City owned Water tower known as the South Tower for dispatching and communications. Mr. Lauritsen had no objections and has been a part of the location of said equipment. It is in the best interest of our community and neighbors to collaborate on said agreement.

III. BUDGET IMPACT

N/A

IV. RECOMMENDED ACTION

Staff recommends approval of the agreement.

This water tower is
Northeast of 4222
Rice Creek Road,
Bartlesville, OK
74006

City Church

Antenna located on
top of the tower.

10 foot x 10 foot
Metal Building





Agenda Item 7.e.i.

January 6, 2025

Prepared by Robin Betts, HR
on behalf of Laura Sanders, ACM

Human Resources Department

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Appointment of Robin Betts to serve as the Authorized Agent for the City of Bartlesville's Defined Benefit and Defined Contribution Retirement Plans administered through the Oklahoma Municipal Retirement Fund.

Attachments:

- Authorized Agent Notification Form for the Defined Benefit Plan and Defined Contribution Plan.

II. STAFF COMMENTS AND ANALYSIS

Laura Sanders has been serving as the City of Bartlesville's Authorized Agent since her appointment as Human Resources Director in January of 2019. Her role as HR Director has transitioned to Robin Betts as of November 02, 2024. The execution of these documents will allow Ms. Betts to perform the functions her new duties dictate.

III. BUDGET IMPACT

This document has no impact on the budget.

IV. RECOMMENDED ACTION

Staff recommends that City Council execute the documents that will allow Ms. Betts to maintain and update our Retirement Plans as laws change, to enroll new employees, to sign off on employee retirements as the plan administrator, employee non-vested payouts and to update the plan as needed.



AUTHORIZED AGENT DESIGNATION PROCESS

An Authorized Agent shall be designated in writing by the Plan's Retirement Committee (governing body) and shall act as the agent of the Employer in matters pertaining to the Plan and the Fund to centralize in one person the local administration and coordination of Plan activities including contribution and payroll information, forms and applications for Plan participants and to assist Participants, the Employer and Committee regarding Plan matters. Please refer to the Authorized Agent Role and Responsibilities section of this form or the plan document for specific duties.

If you, as Authorized Agent, want to designate another Authorized Signer (please complete a Notice of Authorized Signer).

AUTHORIZED AGENT INFORMATION (Please print clearly using black or blue ink)

NAME OF MUNICIPALITY OR ENTITY: City of Bartlesville

FEDERAL TAX ID NUMBER: 73-6005079

APPROVED AUTHORIZED AGENT: Robin Betts

TITLE: HR Director

AUTHORIZED AGENT SIGNATURE: _____

EFFECTIVE DATE: 01/01/2025

MAILING ADDRESS: 401 S. Johnstone Ave, Bartlesville OK 74003

PHONE NUMBER: 918-338-4261 FAX NUMBER: 918-338-4279

EMAIL ADDRESS: rlbetts@Cityofbartlesville.org

AUTHORIZATION

The undersigned hereby certifies that the foregoing information was introduced before the City Council (governing body) of City of Bartlesville Oklahoma and was duly approved on the ___ day of ___, 20__

City of Bartlesville

By: _____

Title: Mayor
(Mayor or Chairman)

Date Seal

City Clerk

PLEASE CONTINUE TO PAGE 2 FOR AUTHORIZED AGENT'S ROLE AND RESPONSIBILITIES DEFINITION

AUTHORIZED AGENT ROLE AND RESPONSIBILITIES

EXCERPT FROM SECTION 9.1 (b) OF THE MASTER DEFINED BENEFIT PLAN

Authorized Agent: An Authorized Agent shall be designated in writing by the Committee and shall act as the agent of the Employer (but not the agent of the Trustees or the Trust Service Provider of the Oklahoma Municipal Retirement Fund the "Fund") in matters pertaining to the Plan and the Fund, to centralize in one person the local administration and coordination thereof, and to file payroll and contribution information, to file claims, forms and applications for Participants, and to advise Participants, the Employer and the Committee. The Authorized Agent, under the control and direction of the Committee, shall have such general duties as the Employer and the Committee may deem necessary and proper for such purposes, which duties shall include but not be limited to, the following:

- (1) to coordinate the deduction of Participant contributions and to see that Employer and Participant contributions are properly received and forwarded promptly to the Fund for management and investment;
- (2) to forward any communications directed to Participants and Beneficiaries by the Trustees, the Trust Service Provider or the Fund;
- (3) to lend assistance to Participants and Beneficiaries in filing applications for benefits, and in communicating with the Employer, the Committee and the Trustees or the Trust Service Provider of the Fund and to forward such communications to the addressees;
- (4) to keep the Employer and Committee informed regarding Employer contribution rates and funds required to meet the costs of the Plan;
- (5) to assist the Committee in determining whether Employees are eligible for participation in the Plan;
- (6) to certify at the direction of the Committee that an Employee is on an Authorized Leave of Absence, paid or unpaid; and
- (7) to file at the direction of the Committee a petition or nomination and cast a ballot for election of Trustees of the Fund.

EXCERPT FROM SECTION 10.1 (b) OF THE MASTER DEFINED CONTRIBUTION PLAN

Authorized Agent: An Authorized Agent shall be designated in writing by the Committee and shall act as the agent of the Employer (but not the agent of the Trustees or the Trust Service Provider of the Oklahoma Municipal Retirement Fund the "Fund") in matters pertaining to the Plan and the Fund, to centralize in one person the local administration and coordination thereof, and to file payroll and contribution information, to file claims, forms and applications for Participants, and to advise Participants, the Employer and the Committee. The Authorized Agent, under the control and direction of the Committee, shall have such general duties as the Employer and the Committee may deem necessary and proper for such purposes, which duties shall include but not be limited to, the following:

- (1) to coordinate the deduction of Participant contributions and to see that Employer and Participant contributions are properly received and forwarded promptly to the Fund for management and investment;
- (2) to forward any communications directed to Participants and Beneficiaries by the Trustees, the Trust Service Provider or the Fund;
- (3) to lend assistance to Participants and Beneficiaries in filing applications for benefits, and in communicating with the Employer, the Committee and the Trustees or the Trust Service Provider of the Fund and to forward such communications to the addressees;
- (4) to assist the Committee in determining whether Employees are eligible for participation in the Plan;
- (5) to certify at the direction of the Committee that a Participant is on an authorized leave of absence, paid or unpaid; and
- (6) to file at the direction of the Committee a petition or nomination and cast a ballot for election of Trustees of the Fund.

BARTLESVILLE NEXT PROGRESS REPORT - DECEMBER 2024

FINANCIAL STRENGTH AND OPERATIONAL EXCELLENCE					
Focus on staff recruitment, retention, development, department collaborations, and safety programs to improve workplace culture and morale.					
1	Investigate programs to recruit non-traditional employees and within schools.	HR	10/23	100%	
2	Within six months of adoption of Strategic plan, investigate potential vacation buyback program.	HR	10/23	100%	
3	Implement a job swap program for employees.	HR	10/23	100%	
4	Hold employee appreciation luncheons twice yearly.	HR	07/24	100%	
5	Investigate ways to implement a flex-hours or work from home program for applicable employees.	HR	04/24	100%	
Improve and modernize our workplace including seeking accreditations for operational excellence, developing a performance and reward-based evaluation process,					
1	Develop a committee to research best practices and accreditation programs.	Admin	10/23	100%	Committee has met and is gathering data.
2	Develop and implement a performance and reward-based evaluation process for general employees by July 1, 2023 with intent to negotiate this process for uniformed groups in the future.	HR	07/23	100%	
3	Re-evaluate 311 and Enterprise Asset Management (E.A.M.) to determine how we can integrate these systems into our operating departments.	IT	04/24	100%	Selected alternative solutions due to usability issues with 311 and EAM
4	Revise and update our website using newest technologies and integrations to improve citizen satisfaction and e-gov capabilities.	CCO	10/24	85%	Polishing final version and preparing to train staff. Rollout slightly delayed.
Develop annual communications and feedback systems to include a standard report to citizens, community survey, and employee survey.					
1	Create and publish annual digital report on overall City and departmental achievements, progress, and goals. Summary of report to be circulated in utility bill.	Admin	09/24	100%	Changed the date to match up with our fiscal year. Original completion date was 4/24.
2	Create and distribute an annual survey to obtain citizen feedback and requests for all City departments. Individual departments may also be surveyed individually as part of a larger survey plan.	Admin	04/24	90%	Began Polco implementation
3	Create and distribute survey for employees to rate their department and the City as an overall employer by July 1, 2023.	HR	07/23	100%	
4	Develop feedback cards for golf course, library and other City services as appropriate.	Admin	10/23	100%	

BARTLESVILLE NEXT PROGRESS REPORT - DECEMBER 2024

5		Continue to enhance, improve, and promote City Beat and grow subscription base by 10%.	CCO	04/24	100%	
Adopt governance best practices relating to debt, financial targets, multi-year plans, and a comprehensive Council handbook.						
1		Develop and adopt formal policies pertaining to:				
	a	Formal debt policy based on GFOA authoritative guidance.	A&F	10/23	100%	
	b	Formal policy requiring that utility rate studies be conducted at least every 5 years and requiring Council to utilize periodic rate studies to adopt multiyear rate plans.	A&F	10/23	100%	
	c	Formal capital planning policy requiring that a 5-year Capital Improvement Plan (CIP) be prepared by Staff and adopted by the City Council concurrently with the budget every year.	A&F	10/23	100%	
2		Future budgets should include 5-year projections of revenue and expenditures for major operating funds to assist the Council and Staff in better planning for the future.	A&F	07/25	35%	Will contact Crawford & Assoc. If they are unable to provide service, then implementation may be delayed.
3		City Council will adopt a City Council Handbook that will help to guide current and future City Councils. City Manager will work with Mayor to schedule a Council workshop to discuss this item within one year of adoption of Strategic Plan.	Admin	04/24	100%	
EFFECTIVE INFRASTRUCTURE NETWORK						
Develop Asset Management Program for infrastructure.						
1		The intent of the asset management program is to compile age, material, condition, and service life of the City's infrastructure (facilities, airport, streets, storm drain, wastewater, water, signals, signs, etc.) into ESRI's GIS software to aid in planning improvement priority and capital needs.	Eng			
	a	Staff will determine what items need to be tracked, what data exists, and what data needs to be collected	Eng	10/23	100%	Software selected and implementation began.
	b	Select consultant to collect and populate data into ESRI.	Eng			
	i	Facilities, streets, storm drains, wastewater and water	Eng	10/24	85%	Most data collected but storm drain may require comprehensive study.
	ii	Signs and signals	Eng	10/25	90%	Data collected but needs to be integrated.
Improve road conditions as captured by Pavement Condition Index (PCI).						

BARTLESVILLE NEXT PROGRESS REPORT - DECEMBER 2024

1		Improve road conditions as captured by Pavement Condition Index (PCI).	Eng			
a		Complete PCI update currently under contract.	Eng	04/23	100%	
b		Once complete, develop several PCI score scenarios (maintain existing, desired PCI in 5 years and desired PCI in 10 years) with capital investment requirements – 6 months.	Eng	06/23	100%	
ECONOMIC VITALITY						
Reevaluate our development regulatory policies to ensure all rules, regulations, and processes align with best practices and reflect the character of our community.						
1		Update the city's comprehensive plan and other long-range plans utilizing accepted best practices (i.e. transportation, storm drainage, utilities, etc.).	Comm Dev			
a		Staff will develop an RFP to select a consultant.	Comm Dev	06/23	100%	
b		Present recommendations to the Council	Comm Dev	10/24	100%	Council adopted plan and opened a period for additional public comment.
2		Update zoning, subdivision, and other ordinances and codes which regulate private development and land use following the updated comprehensive land use plan.	Comm Dev	06/25	10%	
Collaborate with economic development partners and experts to optimize development.						
1		Identify economic development partners and assign City employee to act as economic development liaison. Liaison shall act as conduit between economic development partners, developer, and City departments.	Admin	06/23	100%	
2		Convene a meeting with all economic development partners to determine how best to support their efforts and to define the expectations for all parties.	Admin	12/23	100%	
3		Ongoing coordination between liaison and economic development partners.	Admin		100%	
Develop and implement strategies to retain and attract young professionals and families to Bartlesville.						
1		Identify community partners who employ and recruit young professionals.	Admin	09/23	100%	
2		Engage with community partners to learn how the City can attract young professionals and families	Admin	01/24	100%	Meetings have been conducted.
3		Examine ways to make the community more enticing for businesses and restaurants that attract young professionals and families	Admin	01/24	25%	

BARTLESVILLE NEXT PROGRESS REPORT - DECEMBER 2024

4		Work closely with BDA and Visit Bartlesville to promote their efforts and accomplishments	Admin	01/24	100%	
COMMUNITY CHARACTER						
Explore opportunities to embrace the unique cultures of our community.						
1		Coordinate a multi-cultural group to highlight the diverse cultures in our community.	Library	01/24	100%	
	a	Use this group to support/identify cultural needs that are unmet.				
	b	Partner/support this group for an annual event.				
2		Allocate city resources for support group (such as facilities, properties, venues, etc.)	Library	01/25	0%	This goal will be updated in the next version of the NEXT plan.
Develop and maintain healthy lifestyle options as a segment of our parks, recreation and transportation systems.						
1		As part of the update to the City's comprehensive and other plans identified in Economic Vitality, update the Parks Masterplan to ensure that lifestyle options and parks and recreation systems are meeting the needs of the public.	Comm Dev	10/24	100%	Tied to the comprehensive plan.
2		Create a Trails/Multi-model plan that incorporates existing assets and plans such as bicycle plan.	CD/S&T		0%	Tied to the comprehensive plan.
	a	Review, evaluate, and update the Bicycle Plan	CD/S&T	10/24	0%	Tied to the comprehensive plan.
Ensure and maintain clean, bright, vibrant community spaces.						
1		Address vandalism and criminal activities in our community spaces, including destruction or defacement of public restrooms, violations of park curfews, etc.	PW/PD			
	a	Improve security measures at public restrooms using automatic locks combined with motion and smoke detectors	Pub Works	04/24	100%	10 of 10 bathrooms installed
	b	Police to respond to all calls at public restrooms generated by new systems	PD	04/24	100%	
	i	Offenders, especially repeat offenders, will be prosecuted for vandalism, arson, trespassing, etc.	PD	04/24	100%	
2		Coordinate citizen volunteer efforts to supplement our maintenance efforts and to improve the appearance of our City. These could include periodic clean up days, adopt a mile programs, adopt a path programs, etc.	CD/PW	07/23	100%	KBB established.
	a	Staff to list and prioritize possible programs.	CD/PW	01/24	100%	

BARTLESVILLE NEXT PROGRESS REPORT - DECEMBER 2024

b	Adopt formal policy for selected program(s).	CD/PW	04/24	100%	
c	Advertise, promote, operate, and publicly report on the success of this program.	CD/PW	10/24	75%	
3	Establish Neighborhood Watch and Sentinel Program	PD	10/23	100%	
4	Finalize implementation of and launch Software 311 and City App	Comm Dev	04/24	100%	
5	Create a list of minimum maintenance intervals for our parks and rights-of-way.	Pub Works	07/23	100%	
EMERGING ISSUES					
Partner with community groups to discuss, evaluate and report on existing needs and potential solution that address: Child Care, Housing, Homelessness, and Others					
1	Child Care:	Admin			
a	Collaborate with local groups to help find solutions to the local child care shortage.	Admin	04/24	100%	New task force established and meeting regularly.
b	Help advocate for reform of child care regulations that act as barriers to new facilities.	Admin		100%	Proposed regulations will be presented to Council on 10/07/24.
2	Housing:	Comm Dev			
a	Evaluate local housing supply and demand to determine gaps in local housing stock by price level.	Comm Dev	04/24	100%	
3	Homelessness:	PD			
a	Collaborate with local groups seeking to reduce homelessness including "United Way" and "B the Light".	Admin/CD	04/24	100%	
b	Review existing laws and enforcement policies and retrain police officers to better handle crimes committed by the homeless.	Admin/PD	04/24	100%	
c	Utilize the mental health team data from PD to better understand our homeless population, how many homeless are in Bartlesville, and why they are here.	Admin/PD	04/24	100%	



I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Receipt of Interim Financials for the four months ending October 31, 2024.

Attachments:

Interim Financials for October 31, 2024

II. STAFF COMMENTS AND ANALYSIS

Staff has prepared the condensed Interim Financial Statements for October 2024; these should provide sufficient information for the City Council to perform its fiduciary responsibility. All supplementary, detailed information is available for the Council's use at any time upon request. All information is subject to change pending audit.

III. BUDGET IMPACT

N/A

IV. RECOMMENDED ACTION

Staff recommends the approval the Interim Financials for October 31, 2024.



**REPORT OF REVENUE, EXPENDITURES AND
CHANGES IN FUND BALANCES**

For The Four Months Ended October 31, 2024

CITY COUNCIL

Ward 1 - Tim Sherrick

Ward 2 - Larry East

Ward 3 - Jim Curd, Mayor

Ward 4 - Aaron Kirkpatrick

Ward 5 - Trevor Dorsey, Vice Mayor

City Manager
Mike Bailey

Prepared by:

Jason Muninger
Finance Director

Alicia Shelton
Finance Supervisor

TABLE OF CONTENTS

HIGHLIGHTS

MAJOR FUNDS:

GENERAL FUND

WASTEWATER OPERATING/BMA WASTEWATER FUNDS

WATER OPERATING/BMA WATER FUNDS

SANITATION

OTHER FUNDS:

REVENUE BUDGET STATUS

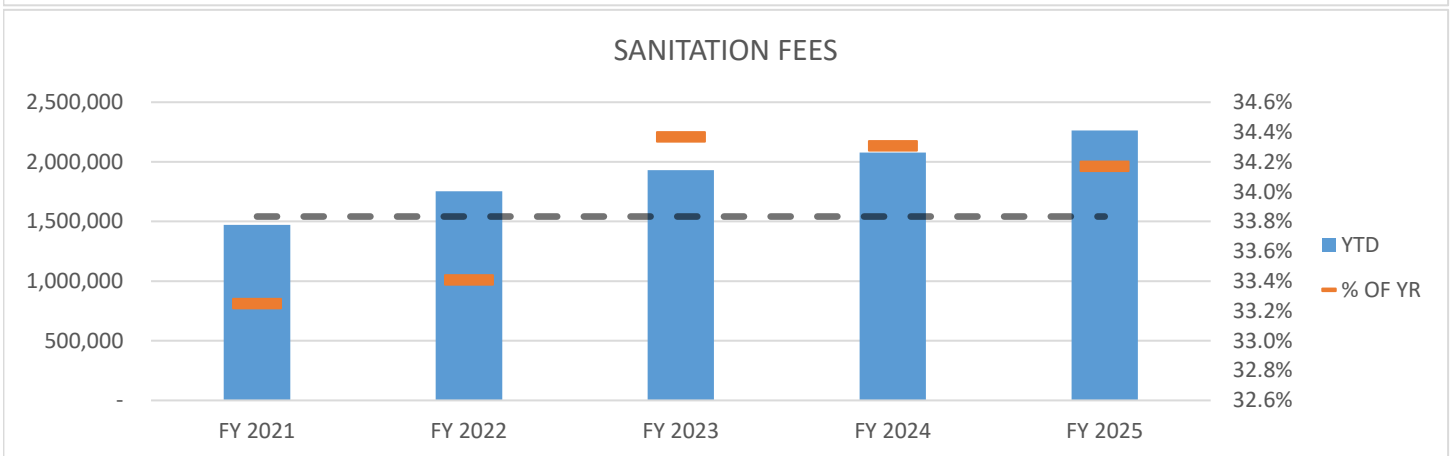
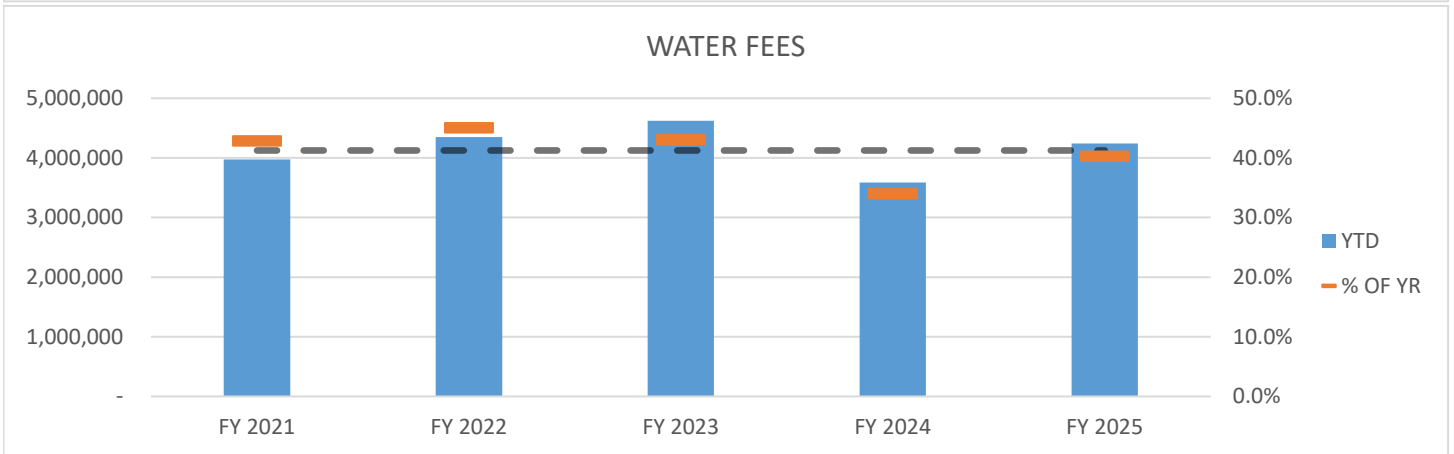
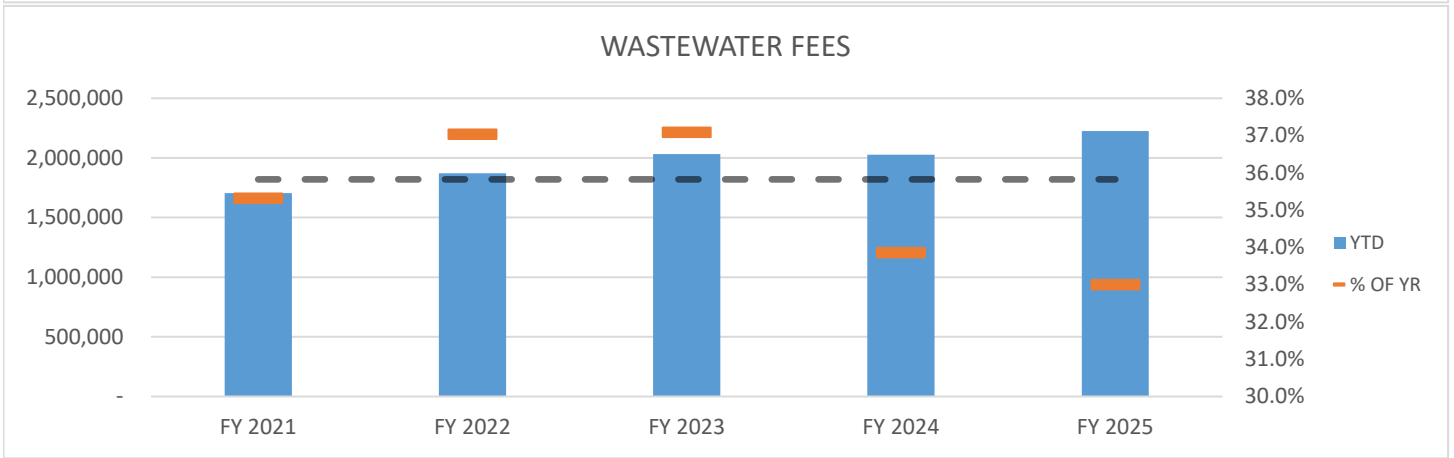
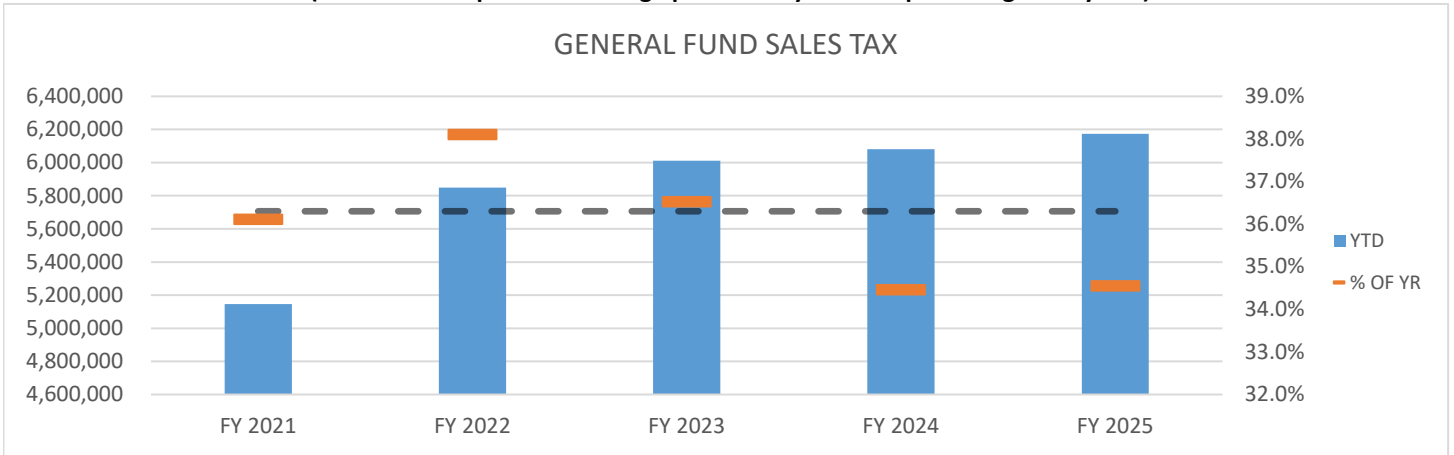
EXPENDITURE BUDGET STATUS

CHANGE IN FUND BALANCE

EXPLANATORY MEMO

FINANCIAL STATEMENT REVENUE HIGHLIGHTS

(Dashed line represents average percent of year for 4 preceding fiscal years)



GENERAL FUND
Statement of Revenue, Expenditures, and Changes in Fund Balances

33% of Year Lapsed

	<u>2024-25 Fiscal Year</u>					% of Budget	<u>2023-24 Fiscal Year</u>	
	Total Budget	YTD Budget	YTD Actual	YTD Encum	YTD Total		YTD Total	% Total Year
Revenue:								
Sales Tax	\$ 17,869,148	\$ 5,956,383	\$ 6,174,021	\$ -	\$ 6,174,021	34.6%	\$ 6,080,892	33.6%
Use Tax	4,513,154	1,504,385	1,515,412	-	1,515,412	33.6%	1,544,281	32.0%
Gross Receipt Tax	1,656,600	552,200	495,383	-	495,383	29.9%	502,947	32.7%
Licenses and Permits	260,000	86,667	165,821	-	165,821	63.8%	165,842	63.8%
Intergovernmental	629,000	209,667	197,067	-	197,067	31.3%	170,708	23.4%
Charges for Services	539,900	179,967	204,658	-	204,658	37.9%	247,941	43.1%
Court Costs	193,900	64,633	43,876	-	43,876	22.6%	52,179	28.2%
Police/Traffic Fines	393,300	131,100	84,110	-	84,110	21.4%	103,656	30.6%
Parking Fines	45,300	15,100	16,965	-	16,965	37.5%	16,200	31.5%
Other Fines	66,000	22,000	18,096	-	18,096	27.4%	17,986	28.5%
Investment Income	150,000	50,000	713,470	-	713,470	475.6%	1,042,845	49.3%
Miscellaneous Income	863,824	287,941	413,306	-	413,306	47.8%	242,878	21.3%
Transfers In	<u>6,549,579</u>	<u>2,183,193</u>	<u>2,183,219</u>	<u>-</u>	<u>2,183,219</u>	33.3%	<u>2,187,084</u>	33.3%
Total	<u>\$ 33,729,705</u>	<u>\$ 11,243,236</u>	<u>\$ 12,225,404</u>	<u>\$ -</u>	<u>\$ 12,225,404</u>	36.2%	<u>\$ 12,375,438</u>	33.9%
Expenditures:								
General Government	\$ 10,094,553	\$ 3,364,851	\$ 2,799,804	\$ 194,204	\$ 2,994,008	29.7%	\$ 2,856,448	31.7%
Public Safety	18,392,539	6,130,846	5,803,079	230,214	6,033,293	32.8%	5,511,517	32.3%
Street	2,180,609	726,870	668,432	(33,420)	635,012	29.1%	577,879	29.9%
Culture and Recreation	3,820,555	1,273,518	1,160,298	18,037	1,178,335	30.8%	1,130,143	31.6%
Transfers Out	4,787,466	1,595,822	1,595,850	-	1,595,850	33.3%	1,396,403	33.3%
Reserves	<u>1,225,200</u>	<u>408,400</u>	<u>-</u>	<u>-</u>	<u>-</u>	0.0%	<u>-</u>	N.A.
Total	<u>\$ 40,500,922</u>	<u>\$ 13,500,307</u>	<u>\$ 12,027,463</u>	<u>\$ 409,035</u>	<u>\$ 12,436,498</u>	30.7%	<u>\$ 11,472,390</u>	32.1%
Changes in Fund Balance:								
Fund Balance 7/1			\$ 5,555,372					
Net Revenue (Expense)			<u>197,941</u>					
Ending Fund Balance			<u>\$ 5,753,313</u>					

COMBINED WASTEWATER OPERATING & BMA WASTEWATER FUNDS
Statement of Revenue, Expenditures, and Changes in Fund Balances

33% of Year Lapsed

	2024-25 Fiscal Year					% of Budget	2023-24 Fiscal Year	
	Total Budget	YTD Budget	YTD Actual	YTD Encum	YTD Total		YTD Total	% Total Year
Revenue:								
Wastewater Fees	\$ 6,742,581	\$ 2,247,527	\$ 2,225,321	\$ -	\$ 2,225,321	33.0%	\$ 2,028,797	33.3%
Investment Income	-	-	-	-	-	N.A.	-	0.0%
Debt Proceeds	83,000,000	27,666,667	-	-	-	0.0%	-	N.A.
Miscellaneous	30,000	10,000	3,221	-	3,221	10.7%	468	0.3%
Total	\$ 89,772,581	\$ 29,924,194	\$ 2,228,542	\$ -	\$ 2,228,542	2.5%	\$ 2,029,265	31.8%
Expenditures:								
Wastewater Plant	\$ 3,177,550	\$ 1,059,183	\$ 1,030,440	\$ 2,012,573	\$ 3,043,013	95.8%	\$ 2,930,201	99.2%
Wastewater Maint	993,617	331,206	289,012	3,662	292,674	29.5%	272,506	32.8%
BMA Expenses	1,500,000	500,000	-	-	-	0.0%	13,883	N.A.
Transfers Out	1,836,183	612,061	612,071	-	612,071	33.3%	548,999	33.3%
Reserves	97,138	32,379	-	-	-	0.0%	-	N.A.
Total	\$ 7,604,488	\$ 2,534,829	\$ 1,931,523	\$ 2,016,235	\$ 3,947,758	51.9%	\$ 3,765,588	69.3%
Changes in Fund Balance:								
Fund Balance 7/1			\$ 2,925,118					
Net Revenue (Expense)			297,019					
Ending Fund Balance			\$ 3,222,137					

COMBINED WATER OPERATING & BMA WATER FUNDS
Statement of Revenue, Expenditures, and Changes in Fund Balances

33% of Year Lapsed

	<u>2024-25 Fiscal Year</u>					% of Budget	<u>2023-24 Fiscal Year</u>	
	Total Budget	YTD Budget	YTD Actual	YTD Encum	YTD Total		YTD Total	% Total Year
Revenue:								
Water Fees	\$ 11,091,140	\$ 3,697,047	\$ 4,431,229	\$ -	\$ 4,431,229	40.0%	\$ 3,782,756	35.9%
Investment Income	-	-	-	-	-	N.A.	-	0.0%
Debt Proceeds	7,500,000	2,500,000	-	-	-	0.0%	-	N.A.
Miscellaneous	-	-	4,042	-	4,042	N.A.	293	0.0%
Total	<u>\$ 18,591,140</u>	<u>\$ 6,197,047</u>	<u>\$ 4,435,271</u>	<u>\$ -</u>	<u>\$ 4,435,271</u>	23.9%	<u>\$ 3,783,049</u>	33.1%
Expenditures:								
Water Plant	\$ 4,094,740	\$ 1,364,913	\$ 1,422,244	\$ 28,121	\$ 1,450,365	35.4%	\$ 1,354,618	36.8%
Water Administration	465,954	155,318	122,898	73,048	195,946	42.1%	159,368	38.6%
Water Distribution	2,373,912	791,304	626,314	29,296	655,610	27.6%	532,561	27.7%
BMA Expenses	10,775,784	3,591,928	1,385,715	306,009	1,691,724	15.7%	1,729,563	42.7%
Transfers Out	2,878,743	959,581	959,597	-	959,597	33.3%	861,768	33.3%
Reserves	252,659	84,220	-	-	-	0.0%	-	N.A.
Total	<u>\$ 20,841,792</u>	<u>\$ 6,947,264</u>	<u>\$ 4,516,768</u>	<u>\$ 436,474</u>	<u>\$ 4,953,242</u>	23.8%	<u>\$ 4,637,878</u>	36.6%
Changes in Fund Balance:								
Fund Balance 7/1			\$ 7,688,787					
Net Revenue (Expense)			<u>(81,497)</u>					
Ending Fund Balance			<u>\$ 7,607,290</u>					

SANITATION FUND

Statement of Revenue, Expenditures, and Changes in Fund Balances

33% of Year Lapsed

	<u>2024-25 Fiscal Year</u>					% of Budget	<u>2023-24 Fiscal Year</u>	
	Total Budget	YTD Budget	YTD Actual	YTD Encum	YTD Total		YTD Total	% Total Year
Revenue:								
Collection Fees	\$ 6,626,914	\$ 2,208,971	\$ 2,264,403	\$ -	\$ 2,264,403	34.2%	\$ 2,045,206	33.0%
Investment Income	-	-	-	-	-	N.A.	-	N.A.
Miscellaneous	56,334	45,669	14,407	-	14,407	25.6%	45,747	33.1%
Transfers In	-	-	-	-	-	N.A.	-	N.A.
Total	\$ 6,683,248	\$ 2,254,640	\$ 2,278,810	\$ -	\$ 2,278,810	34.1%	\$ 2,090,953	33.0%
Expenditures:								
Sanitation	\$ 3,825,601	\$ 1,275,200	\$ 1,130,215	\$ 56,559	\$ 1,186,774	31.0%	\$ 1,089,511	30.8%
Transfers Out	2,684,272	894,757	894,768	-	894,768	33.3%	883,250	33.3%
Reserves	140,718	46,906	-	-	-	0.0%	-	N.A.
Total	\$ 6,650,591	\$ 2,216,863	\$ 2,024,983	\$ 56,559	\$ 2,081,542	31.3%	\$ 1,972,761	31.9%
Changes in Fund Balance:								
Fund Balance 7/1			\$ 261,319					
Net Revenue (Expense)			253,827					
Ending Fund Balance			\$ 515,146					

ALL OTHER FUNDS
Revenue Budget Report - Budget Basis

33% of Year Lapsed

	<u>Budget</u>	<u>Actuals</u>	<u>Percent of Budget</u>
Special Revenue Funds:			
Economic Development Fund	1,881,469	650,053	35%
E-911 Fund	1,366,836	495,361	36%
Special Library Fund	88,000	18,713	21%
Special Museum Fund	-	10,590	N/A
Municipal Airport Fund	-	154,087	N/A
Harshfield Library Donation Fund	-	4,000	N/A
Restricted Revenue Fund	15,000	21,470	143%
Golf Course Memorial Fund	-	800	N/A
CDBG-COVID	485,000	49,032	10%
ARPA	-	-	N/A
Justice Assistance Grant Fund	-	-	N/A
Opioid Settlement Fund	364,814	274,814	75%
Neighborhood Park Fund	-	-	N/A
Cemetery Care Fund	2,400	459	19%
Debt Service Fund	4,940,770	67,760	1%
Capital Project Funds:			
Sales Tax Capital Improvement Fund	3,371,537	1,216,023	36%
Park Capital Improvement Fund	-	-	N/A
Wastewater Capital Improvement Fund	-	10,000	N/A
Wastewater Regulatory Capital Fund	-	-	N/A
City Hall Capital Improvement Fund	47,880	47,880	100%
Storm Drainage Capital Improvement Fund	-	1,345	N/A
Community Development Block Grant Fund	-	-	N/A
2008B G.O. Bond Fund	-	-	N/A
2009 G.O. Bond Fund	-	-	N/A
2010 G.O. Bond Fund	-	-	N/A
2012 G.O. Bond Fund	-	-	N/A
2014 G.O. Bond Fund	-	-	N/A
2014B G.O. Bond Fund	-	-	N/A
2015 G.O. Bond Fund	-	-	N/A
2017 G.O. Bond Fund	-	-	N/A
2018A G.O. Bond Fund	-	-	N/A
2018B G.O. Bond Fund	-	-	N/A
2018C G.O. Bond Fund	-	-	N/A
2019A G.O. Bond Fund	-	-	N/A
2019B G.O. Bond Fund	-	-	N/A
2021A G.O. Bond Fund	-	-	N/A
2022 G.O. Bond Fund	-	-	N/A
2023 G.O. Bond Fund	-	-	N/A
Proprietary Funds:			
Adams Golf Course Operating Fund	1,155,714	517,904	45%
Sooner Pool Operating Fund	71,179	23,731	33%
Frontier Pool Operating Fund	95,013	31,677	33%
Municipal Airport Operating	526,200	206,684	39%
Internal Service Funds:			
Worker's Compensation Fund	132,951	50,990	38%
Health Insurance Fund	5,530,171	2,205,258	40%
Auto Collision Insurance Fund	75,000	25,008	33%
Stabilization Reserve Fund	1,550,943	516,983	33%
Capital Improvement Reserve Fund	8,057,005	3,177,965	39%
Mausoleum Trust Fund	-	-	N/A

ALL OTHER FUNDS

Expenditure Budget Report - Budget Basis

33% of Year Lapsed

	<u>Budget</u>	<u>Actuals</u>	<u>Percent of Budget</u>
Special Revenue Funds:			
Economic Development Fund	5,708,341	2,284,749	40%
E-911 Fund	1,487,474	414,052	28%
Special Library Fund	202,000	16,429	8%
Special Museum Fund	25,100	7,821	31%
Municipal Airport Fund	7,598	-	0%
Harshfield Library Donation Fund	375,860	14,721	4%
Restricted Revenue Fund	306,262	6,630	2%
Golf Course Memorial Fund	46,253	6,017	13%
CDBG-COVID	485,000	64,847	13%
ARPA	500,000	166,672	33%
Justice Assistance Grant Fund	14,804	-	0%
Opioid Settlement Fund	364,814	120,000	33%
Neighborhood Park Fund	62,723	-	0%
Cemetery Care Fund	15,009	-	0%
Debt Service Fund	4,940,770	-	0%
Capital Project Funds:			
Sales Tax Capital Improvement Fund	9,388,897	1,672,462	18%
Park Capital Improvement Fund	-	-	N/A
Wastewater Capital Improvement Fund	87,205	6,567	8%
Wastewater Regulatory Capital Fund	584,032	-	0%
City Hall Capital Improvement Fund	227,358	-	0%
Storm Drainage Capital Improvement Fund	55,093	-	0%
Community Development Block Grant Fund	-	-	N/A
2008B G.O. Bond Fund	-	-	N/A
2009 G.O. Bond Fund	-	-	N/A
2010 G.O. Bond Fund	-	-	N/A
2012 G.O. Bond Fund	-	-	N/A
2014 G.O. Bond Fund	-	-	N/A
2014B G.O. Bond Fund	3,885	-	0%
2015 G.O. Bond Fund	-	-	N/A
2017 G.O. Bond Fund	-	-	N/A
2018A G.O. Bond Fund	-	-	N/A
2018B G.O. Bond Fund	31,386	-	0%
2018C G.O. Bond Fund	-	-	N/A
2019A G.O. Bond Fund	327,431	326,564	100%
2019B G.O. Bond Fund	341,460	-	0%
2021A G.O. Bond Fund	526,494	486,642	92%
2022 G.O. Bond Fund	3,223,984	789,547	24%
2023 G.O. Bond Fund	6,337,154	54,045	1%
Proprietary Funds:			
Adams Golf Course Operating Fund	1,265,657	563,793	45%
Sooner Pool Operating Fund	78,002	37,104	48%
Frontier Pool Operating Fund	92,382	40,459	44%
Municipal Airport Operating	706,086	261,364	37%
Internal Service Funds:			
Worker's Compensation Fund	430,000	49,670	12%
Health Insurance Fund	5,531,208	2,233,132	40%
Auto Collision Insurance Fund	443,559	-	0%
Stabilization Reserve Fund	14,776,368	-	0%
Capital Improvement Reserve Fund	20,453,000	3,482,597	17%
Mausoleum Trust Fund	8,515	-	0%

ALL OTHER FUNDS

Fund Balance Report - Modified Cash Basis

33% of Year Lapsed

	<u>Beginning of Year</u>	<u>Change</u>	<u>Current</u>
Special Revenue Funds:			
Economic Development Fund	3,982,024	(885,260)	3,096,764
E-911 Fund	212,689	84,500	297,189
Special Library Fund	338,451	(1,516)	336,935
Special Museum Fund	163,780	2,769	166,549
Municipal Airport Fund	-	154,087	154,087
Harshfield Library Donation Fund	435,622	(10,696)	424,926
Restricted Revenue Fund	259,665	14,840	274,505
Golf Course Memorial Fund	49,914	(6,177)	43,737
CDBG-COVID	-	-	-
ARPA	1,732,952	(166,672)	1,566,280
Justice Assistance Grant Fund	14,804	-	14,804
Opioid Settlement Fund	-	274,814	274,814
Neighborhood Park Fund	64,343	-	64,343
Cemetery Care Fund	13,038	459	13,497
Debt Service Fund	3,610,645	67,760	3,678,405
Capital Project Funds:			
Sales Tax Capital Improvement Fund	6,360,355	(6,905)	6,353,450
Park Capital Improvement Fund	-	-	-
Wastewater Capital Improvement Fund	140,792	3,433	144,225
Wastewater Regulatory Capital Fund	397,676	(9,037)	388,639
City Hall Capital Improvement Fund	180,119	47,880	227,999
Storm Drainage Capital Improvement Fund	59,177	1,345	60,522
Community Development Block Grant Fund	211,387	-	211,387
2008B G.O. Bond Fund	-	-	-
2009 G.O. Bond Fund	-	-	-
2010 G.O. Bond Fund	-	-	-
2012 G.O. Bond Fund	-	-	-
2014 G.O. Bond Fund	-	-	-
2014B G.O. Bond Fund	3,885	-	3,885
2015 G.O. Bond Fund	-	-	-
2017 G.O. Bond Fund	-	-	-
2018A G.O. Bond Fund	-	-	-
2018B G.O. Bond Fund	31,386	-	31,386
2018C G.O. Bond Fund	-	-	-
2019A G.O. Bond Fund	327,431	(100,526)	226,905
2019B G.O. Bond Fund	350,641	-	350,641
2021A G.O. Bond Fund	526,494	(14,060)	512,434
2022A G.O. Bond Fund	3,112,203	(214,066)	2,898,137
2023 G.O. Bond Fund	6,564,913	(54,099)	6,510,814
Proprietary Funds:			
Adams Golf Course Operating Fund	136,622	(6,455)	130,167
Sooner Pool Operating Fund	40,167	(14,076)	26,091
Frontier Pool Operating Fund	54,603	(8,785)	45,818
Municipal Airport Operating	431,254	(11,366)	419,888
Internal Service Funds:			
Worker's Compensation Fund	321,209	19,840	341,049
Health Insurance Fund	3,001	(1,328)	1,673
Auto Collision Insurance Fund	496,502	25,008	521,510
Stabilization Reserve Fund	13,225,425	516,983	13,742,408
Capital Improvement Reserve Fund	21,349,355	1,536,890	22,886,245
Mausoleum Trust Fund	8,709	-	8,709



FROM: Jason Muninger, CFO/City Clerk

SUBJECT: Financial Statement Explanatory Information

GENERAL INFORMATION

The purpose of this memo is to provide some insight as to the construction of the attached financial statements and to provide some guidance as to their use.

The format of the attached financial statements is intended to highlight our most important revenue sources, provide sufficient detail on major operating funds, and provide a high level overview of all other funds. The level of detail presented is sufficient to assist the City Council in conducting their fiduciary obligations to the City without creating a voluminous document that made the execution of that duty more difficult.

This document provides three different types of analyses for the Council's use. The first is an analysis of revenue vs budgeted expectations. This allows the Council to see how the City's revenues are performing and to have a better idea if operational adjustments are necessary.

The second analysis compares expenditures to budget. This allows the Council to ensure that the budgetary plan that was set out for the City is being followed and that Staff is making the necessary modifications along the way.

The final analysis shows the fund balance for each fund of the City. This is essentially the "cash" balance for most funds. However, some funds include short term receivables and payables depending on the nature of their operation. With very few exceptions, all funds must maintain positive fund balance by law. Any exceptions will be noted where they occur.

These analyses are presented in the final manner:

Highlights:

The Highlights section presents a 5 year snap shot of the performance of the City's 4 most important revenue sources. Each bar represents the actual amounts earned in each year through the period of the report. Each dash represents the percent of the year's revenue that had been earned through that period. The current fiscal year will always represent the percent of the budget that has been earned, while all previous fiscal years will always represent the percent of the actual amount earned. This analysis highlights and compares not only amounts earned, but gives a better picture of how much should have been earned in order to meet budget for the year.

Major Operating Funds:

The City's major operating funds are presented in greater detail than the remainder of the City's funds. These funds include the General, Wastewater Operating, BMA – Wastewater, Water Operating, BMA – Water, and Sanitation. Due to the interrelated nature of the Wastewater Operating/BMA – Wastewater and the Water Operating/BMA – Water funds, these have been combined into Wastewater Combined and Water Combined funds. This should provide a better picture of the overall financial condition of these operating segments by combining revenues, operating expenses, and financing activities in a single report.

Other Funds:

All other funds of the City are reported at a high level. These funds are often created for a limited purpose, limited duration, and frequently contain only a one-time revenue source. This high level overview will provide Council with sufficient information for a summary review. Any additional information that is required after that review is available.

These condensed financial statement should provide sufficient information for the City Council to perform its fiduciary responsibility while simplifying the process. All supplementary, detailed information is available for the Council's use at any time upon request. Additionally, any other funds that the Council chooses to classify as a Major Operating fund can be added to that section to provide greater detail in the future.



I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Receipt of Interim Financials for the five months ending November 30, 2024.

Attachments:

Interim Financials for November 30, 2024

II. STAFF COMMENTS AND ANALYSIS

Staff has prepared the condensed Interim Financial Statements for November 2024; these should provide sufficient information for the City Council to perform its fiduciary responsibility. All supplementary, detailed information is available for the Council's use at any time upon request. All information is subject to change pending audit.

III. BUDGET IMPACT

N/A

IV. RECOMMENDED ACTION

Staff recommends the approval the Interim Financials for November 30, 2024.



**REPORT OF REVENUE, EXPENDITURES AND
CHANGES IN FUND BALANCES**

For The Five Months Ended November 30, 2024

CITY COUNCIL

Ward 1 - Tim Sherrick

Ward 2 - Larry East

Ward 3 - Jim Curd, Mayor

Ward 4 - Aaron Kirkpatrick

Ward 5 - Trevor Dorsey, Vice Mayor

City Manager

Mike Bailey

Prepared by:

Jason Muninger
Finance Director

Alicia Shelton
Finance Supervisor

TABLE OF CONTENTS

HIGHLIGHTS

MAJOR FUNDS:

GENERAL FUND

WASTEWATER OPERATING/BMA WASTEWATER FUNDS

WATER OPERATING/BMA WATER FUNDS

SANITATION

OTHER FUNDS:

REVENUE BUDGET STATUS

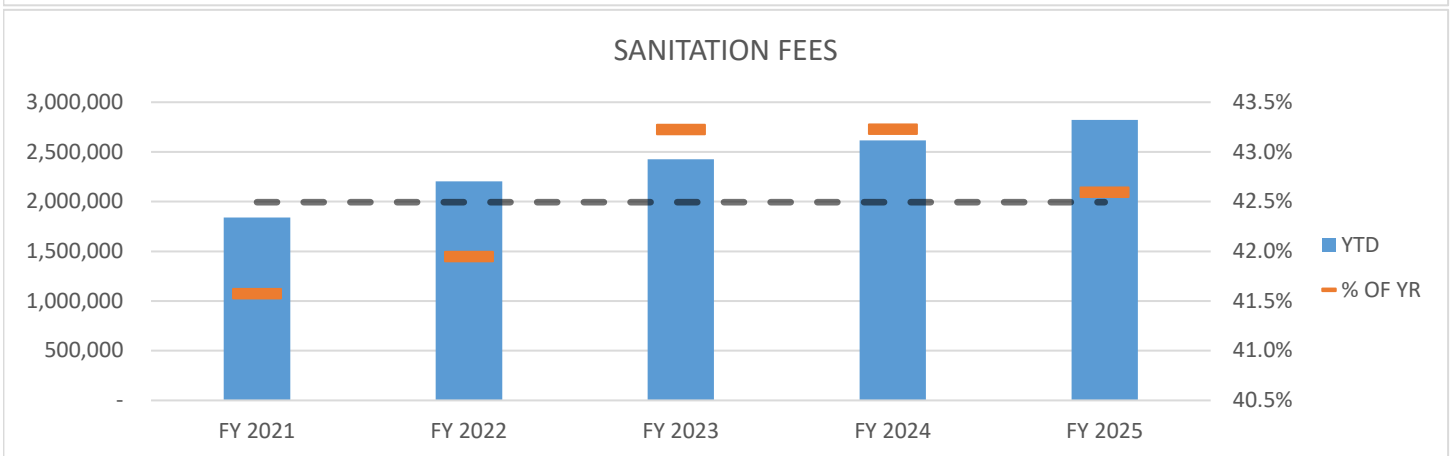
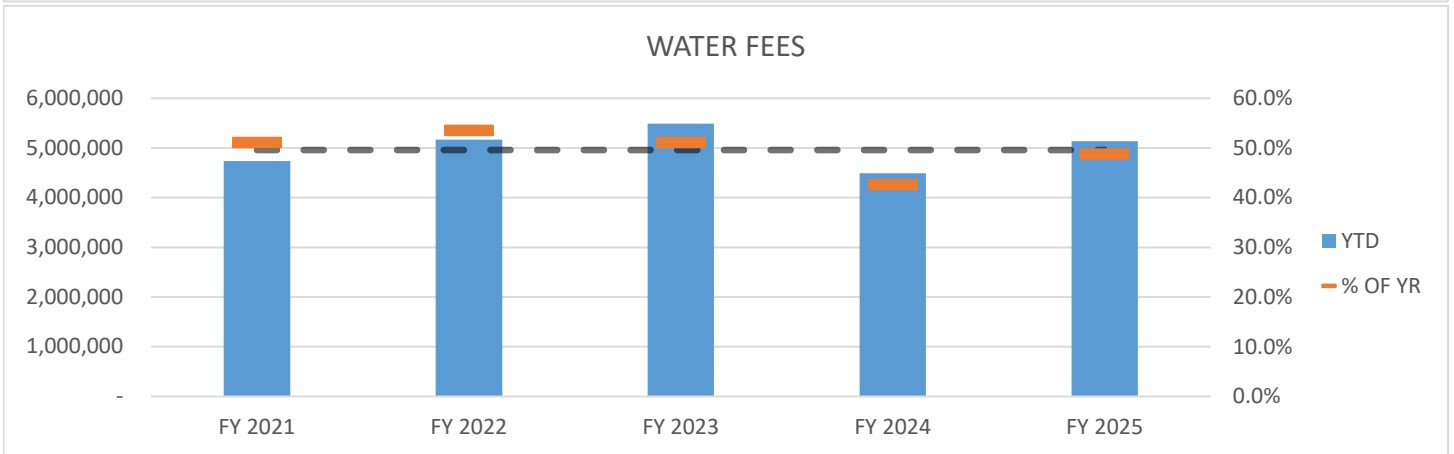
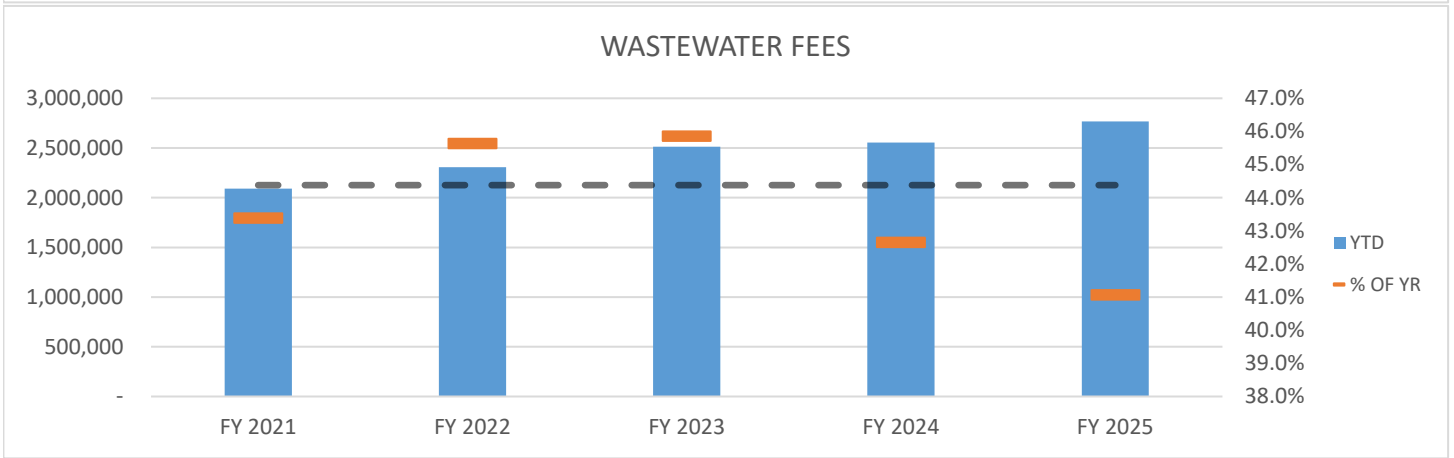
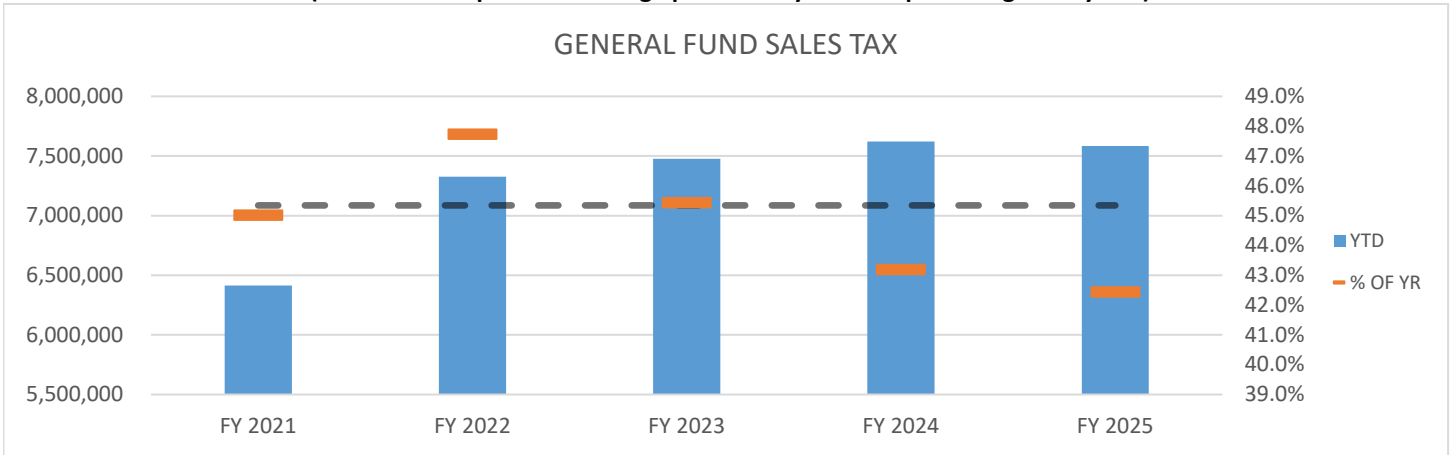
EXPENDITURE BUDGET STATUS

CHANGE IN FUND BALANCE

EXPLANATORY MEMO

FINANCIAL STATEMENT REVENUE HIGHLIGHTS

(Dashed line represents average percent of year for 4 preceding fiscal years)



GENERAL FUND
Statement of Revenue, Expenditures, and Changes in Fund Balances

42% of Year Lapsed

	<u>2024-25 Fiscal Year</u>					% of Budget	<u>2023-24 Fiscal Year</u>	
	Total Budget	YTD Budget	YTD Actual	YTD Encum	YTD Total		YTD Total	% Total Year
Revenue:								
Sales Tax	\$ 17,869,148	\$ 7,445,478	\$ 7,584,864	\$ -	\$ 7,584,864	42.4%	\$ 7,621,805	42.2%
Use Tax	4,513,154	1,880,481	1,913,181	-	1,913,181	42.4%	1,933,025	40.1%
Gross Receipt Tax	1,656,600	690,250	642,012	-	642,012	38.8%	682,615	44.4%
Licenses and Permits	260,000	108,333	173,351	-	173,351	66.7%	174,513	67.1%
Intergovernmental	629,000	262,083	251,178	-	251,178	39.9%	285,118	39.1%
Charges for Services	539,900	224,958	241,719	-	241,719	44.8%	283,560	49.3%
Court Costs	193,900	80,792	52,609	-	52,609	27.1%	68,592	37.1%
Police/Traffic Fines	393,300	163,875	100,107	-	100,107	25.5%	135,772	40.0%
Parking Fines	45,300	18,875	20,750	-	20,750	45.8%	20,700	40.3%
Other Fines	66,000	27,500	21,884	-	21,884	33.2%	23,160	36.7%
Investment Income	150,000	62,500	853,472	-	853,472	569.0%	1,396,239	66.0%
Miscellaneous Income	863,824	359,927	506,410	-	506,410	58.6%	456,129	40.0%
Transfers In	6,549,579	2,728,991	2,729,014	-	2,729,014	41.7%	2,733,852	41.7%
Total	<u>\$ 33,729,705</u>	<u>\$ 14,054,043</u>	<u>\$ 15,090,550</u>	<u>\$ -</u>	<u>\$ 15,090,550</u>	44.7%	<u>\$ 15,815,081</u>	43.4%
Expenditures:								
General Government	\$ 10,094,553	\$ 4,206,064	\$ 3,676,978	\$ 131,305	\$ 3,808,283	37.7%	\$ 3,474,072	38.6%
Public Safety	18,392,539	7,663,558	7,753,914	218,678	7,972,592	43.3%	6,780,411	39.8%
Street	2,180,609	908,587	851,243	(34,368)	816,875	37.5%	711,255	36.8%
Culture and Recreation	3,820,555	1,591,898	1,511,826	11,628	1,523,454	39.9%	1,371,872	38.4%
Transfers Out	4,787,466	1,994,778	1,994,802	-	1,994,802	41.7%	1,745,490	41.7%
Reserves	1,225,200	510,500	-	-	-	0.0%	-	N.A.
Total	<u>\$ 40,500,922</u>	<u>\$ 16,875,385</u>	<u>\$ 15,788,763</u>	<u>\$ 327,243</u>	<u>\$ 16,116,006</u>	39.8%	<u>\$ 14,083,100</u>	39.4%
Changes in Fund Balance:								
Fund Balance 7/1			\$ 5,555,372					
Net Revenue (Expense)			(698,213)					
Ending Fund Balance			<u>\$ 4,857,159</u>					

COMBINED WASTEWATER OPERATING & BMA WASTEWATER FUNDS
Statement of Revenue, Expenditures, and Changes in Fund Balances

42% of Year Lapsed

	<u>2024-25 Fiscal Year</u>						<u>2023-24 Fiscal Year</u>	
	Total Budget	YTD Budget	YTD Actual	YTD Encum	YTD Total	% of Budget	YTD Total	% Total Year
Revenue:								
Wastewater Fees	\$ 6,742,581	\$ 2,809,409	\$ 2,769,764	\$ -	\$ 2,769,764	41.1%	\$ 2,555,414	41.9%
Investment Income	-	-	-	-	-	N.A.	-	0.0%
Debt Proceeds	83,000,000	34,583,333	-	-	-	0.0%	-	N.A.
Miscellaneous	30,000	12,500	106,239	-	106,239	354.1%	543	0.4%
Total	\$ 89,772,581	\$ 37,405,242	\$ 2,876,003	\$ -	\$ 2,876,003	3.2%	\$ 2,555,957	40.1%
Expenditures:								
Wastewater Plant	\$ 3,177,550	\$ 1,323,979	\$ 1,283,176	\$ 1,760,552	\$ 3,043,728	95.8%	\$ 2,930,203	99.2%
Wastewater Maint	993,617	414,007	384,072	11,388	395,460	39.8%	338,200	40.7%
BMA Expenses	1,500,000	625,000	-	-	-	0.0%	-	N.A.
Transfers Out	1,836,183	765,076	765,085	-	765,085	41.7%	686,246	41.7%
Reserves	97,138	40,474	-	-	-	0.0%	-	N.A.
Total	\$ 7,604,488	\$ 3,168,536	\$ 2,432,333	\$ 1,771,940	\$ 4,204,273	55.3%	\$ 3,954,649	72.8%
Changes in Fund Balance:								
Fund Balance 7/1			\$ 2,925,118					
Net Revenue (Expense)			443,670					
Ending Fund Balance			\$ 3,368,788					

COMBINED WATER OPERATING & BMA WATER FUNDS
Statement of Revenue, Expenditures, and Changes in Fund Balances

42% of Year Lapsed

	<u>2024-25 Fiscal Year</u>					<u>2023-24 Fiscal Year</u>		
	Total Budget	YTD Budget	YTD Actual	YTD Encum	YTD Total	% of Budget	YTD Total	% Total Year
Revenue:								
Water Fees	\$ 11,091,140	\$ 4,621,308	\$ 5,380,560	\$ -	\$ 5,380,560	48.5%	\$ 4,726,841	44.9%
Investment Income	-	-	-	-	-	N.A.	-	0.0%
Debt Proceeds	7,500,000	3,125,000	-	-	-	0.0%	-	N.A.
Miscellaneous	-	-	4,042	-	4,042	N.A.	293	0.0%
Total	<u>\$ 18,591,140</u>	<u>\$ 7,746,308</u>	<u>\$ 5,384,602</u>	<u>\$ -</u>	<u>\$ 5,384,602</u>	29.0%	<u>\$ 4,727,134</u>	41.4%
Expenditures:								
Water Plant	\$ 4,094,740	\$ 1,706,142	\$ 1,672,051	\$ 40,609	\$ 1,712,660	41.8%	\$ 1,598,449	43.4%
Water Administration	465,954	194,148	160,530	73,549	234,079	50.2%	186,161	45.1%
Water Distribution	2,373,912	989,130	860,835	27,752	888,587	37.4%	669,090	34.8%
BMA Expenses	10,775,784	4,489,910	1,385,715	306,009	1,691,724	15.7%	1,729,563	42.7%
Transfers Out	2,878,743	1,199,476	1,199,485	-	1,199,485	41.7%	1,077,207	41.7%
Reserves	252,659	105,275	-	-	-	0.0%	-	N.A.
Total	<u>\$ 20,841,792</u>	<u>\$ 8,684,081</u>	<u>\$ 5,278,616</u>	<u>\$ 447,919</u>	<u>\$ 5,726,535</u>	27.5%	<u>\$ 5,260,470</u>	41.6%
Changes in Fund Balance:								
Fund Balance 7/1			\$ 7,688,787					
Net Revenue (Expense)			<u>105,986</u>					
Ending Fund Balance			<u>\$ 7,794,773</u>					

SANITATION FUND

Statement of Revenue, Expenditures, and Changes in Fund Balances

42% of Year Lapsed

	2024-25 Fiscal Year					% of Budget	2023-24 Fiscal Year	
	Total Budget	YTD Budget	YTD Actual	YTD Encum	YTD Total		YTD Total	% Total Year
Revenue:								
Collection Fees	\$ 6,626,914	\$ 2,761,214	\$ 2,822,641	\$ -	\$ 2,822,641	42.6%	\$ 2,576,020	41.6%
Investment Income	-	-	-	-	-	N.A.	-	N.A.
Miscellaneous	56,334	45,669	16,167	-	16,167	28.7%	57,531	41.6%
Transfers In	-	-	-	-	-	N.A.	-	N.A.
Total	\$ 6,683,248	\$ 2,806,883	\$ 2,838,808	\$ -	\$ 2,838,808	42.5%	\$ 2,633,551	41.6%
Expenditures:								
Sanitation	\$ 3,825,601	\$ 1,594,000	\$ 1,487,937	\$ 375,907	\$ 1,863,844	48.7%	\$ 1,660,293	47.0%
Transfers Out	2,684,272	1,118,447	1,118,456	-	1,118,456	41.7%	1,104,060	41.7%
Reserves	140,718	58,633	-	-	-	0.0%	-	N.A.
Total	\$ 6,650,591	\$ 2,771,080	\$ 2,606,393	\$ 375,907	\$ 2,982,300	44.8%	\$ 2,764,353	44.7%
Changes in Fund Balance:								
Fund Balance 7/1			\$ 261,319					
Net Revenue (Expense)			232,415					
Ending Fund Balance			\$ 493,734					

ALL OTHER FUNDS
Revenue Budget Report - Budget Basis

42% of Year Lapsed

	<u>Budget</u>	<u>Actuals</u>	<u>Percent of Budget</u>
Special Revenue Funds:			
Economic Development Fund	1,881,469	802,734	43%
E-911 Fund	1,366,836	616,948	45%
Special Library Fund	88,000	122,704	139%
Special Museum Fund	-	10,590	N/A
Municipal Airport Fund	-	296,959	N/A
Harshfield Library Donation Fund	-	4,000	N/A
Restricted Revenue Fund	15,000	22,502	150%
Golf Course Memorial Fund	-	800	N/A
CDBG-COVID	485,000	49,032	10%
ARPA	-	-	N/A
Justice Assistance Grant Fund	-	-	N/A
Opioid Settlement Fund	364,814	274,814	75%
Neighborhood Park Fund	-	-	N/A
Cemetery Care Fund	2,400	547	23%
Debt Service Fund	4,940,770	84,012	2%
Capital Project Funds:			
Sales Tax Capital Improvement Fund	3,371,537	1,482,640	44%
Park Capital Improvement Fund	-	-	N/A
Wastewater Capital Improvement Fund	-	14,000	N/A
Wastewater Regulatory Capital Fund	-	-	N/A
City Hall Capital Improvement Fund	47,880	47,880	100%
Storm Drainage Capital Improvement Fund	-	1,345	N/A
Community Development Block Grant Fund	-	-	N/A
2008B G.O. Bond Fund	-	-	N/A
2009 G.O. Bond Fund	-	-	N/A
2010 G.O. Bond Fund	-	-	N/A
2012 G.O. Bond Fund	-	-	N/A
2014 G.O. Bond Fund	-	-	N/A
2014B G.O. Bond Fund	-	-	N/A
2015 G.O. Bond Fund	-	-	N/A
2017 G.O. Bond Fund	-	-	N/A
2018A G.O. Bond Fund	-	-	N/A
2018B G.O. Bond Fund	-	-	N/A
2018C G.O. Bond Fund	-	-	N/A
2019A G.O. Bond Fund	-	-	N/A
2019B G.O. Bond Fund	-	-	N/A
2021A G.O. Bond Fund	-	-	N/A
2022 G.O. Bond Fund	-	-	N/A
2023 G.O. Bond Fund	-	-	N/A
Proprietary Funds:			
Adams Golf Course Operating Fund	1,155,714	598,725	52%
Sooner Pool Operating Fund	71,179	29,662	42%
Frontier Pool Operating Fund	95,013	39,594	42%
Municipal Airport Operating	526,200	249,524	47%
Internal Service Funds:			
Worker's Compensation Fund	132,951	62,069	47%
Health Insurance Fund	5,530,171	2,664,418	48%
Auto Collision Insurance Fund	75,000	31,257	42%
Stabilization Reserve Fund	1,550,943	646,228	42%
Capital Improvement Reserve Fund	8,057,005	3,899,641	48%
Mausoleum Trust Fund	-	-	N/A

ALL OTHER FUNDS

Expenditure Budget Report - Budget Basis

42% of Year Lapsed

	<u>Budget</u>	<u>Actuals</u>	<u>Percent of Budget</u>
Special Revenue Funds:			
Economic Development Fund	5,708,341	2,384,749	42%
E-911 Fund	1,487,474	599,366	40%
Special Library Fund	202,000	24,984	12%
Special Museum Fund	25,100	10,239	41%
Municipal Airport Fund	7,598	-	0%
Harshfield Library Donation Fund	375,860	15,237	4%
Restricted Revenue Fund	306,262	21,538	7%
Golf Course Memorial Fund	46,253	20,517	44%
CDBG-COVID	485,000	64,847	13%
ARPA	500,000	208,338	42%
Justice Assistance Grant Fund	14,804	-	0%
Opioid Settlement Fund	364,814	120,000	33%
Neighborhood Park Fund	62,723	-	0%
Cemetery Care Fund	15,009	-	0%
Debt Service Fund	4,940,770	1,682,460	34%
Capital Project Funds:			
Sales Tax Capital Improvement Fund	9,388,897	1,735,168	18%
Park Capital Improvement Fund	-	-	N/A
Wastewater Capital Improvement Fund	87,205	6,567	8%
Wastewater Regulatory Capital Fund	584,032	-	0%
City Hall Capital Improvement Fund	227,358	-	0%
Storm Drainage Capital Improvement Fund	55,093	-	0%
Community Development Block Grant Fund	-	-	N/A
2008B G.O. Bond Fund	-	-	N/A
2009 G.O. Bond Fund	-	-	N/A
2010 G.O. Bond Fund	-	-	N/A
2012 G.O. Bond Fund	-	-	N/A
2014 G.O. Bond Fund	-	-	N/A
2014B G.O. Bond Fund	3,885	-	0%
2015 G.O. Bond Fund	-	-	N/A
2017 G.O. Bond Fund	-	-	N/A
2018A G.O. Bond Fund	-	-	N/A
2018B G.O. Bond Fund	31,386	-	0%
2018C G.O. Bond Fund	-	-	N/A
2019A G.O. Bond Fund	327,431	326,564	100%
2019B G.O. Bond Fund	341,460	10,000	3%
2021A G.O. Bond Fund	526,494	503,075	96%
2022 G.O. Bond Fund	3,223,984	789,547	24%
2023 G.O. Bond Fund	6,337,154	1,178,513	19%
Proprietary Funds:			
Adams Golf Course Operating Fund	1,265,657	632,209	50%
Sooner Pool Operating Fund	78,002	37,104	48%
Frontier Pool Operating Fund	92,382	41,057	44%
Municipal Airport Operating	706,086	330,042	47%
Internal Service Funds:			
Worker's Compensation Fund	430,000	59,038	14%
Health Insurance Fund	5,531,208	2,692,590	49%
Auto Collision Insurance Fund	443,559	45,646	10%
Stabilization Reserve Fund	14,776,368	-	0%
Capital Improvement Reserve Fund	20,453,000	3,555,114	17%
Mausoleum Trust Fund	8,515	-	0%

ALL OTHER FUNDS

Fund Balance Report - Modified Cash Basis

42% of Year Lapsed

	<u>Beginning of Year</u>	<u>Change</u>	<u>Current</u>
Special Revenue Funds:			
Economic Development Fund	3,982,024	(832,579)	3,149,445
E-911 Fund	212,689	21,599	234,288
Special Library Fund	338,451	93,985	432,436
Special Museum Fund	163,780	351	164,131
Municipal Airport Fund	-	296,959	296,959
Harshfield Library Donation Fund	435,622	(11,212)	424,410
Restricted Revenue Fund	259,665	15,872	275,537
Golf Course Memorial Fund	49,914	(6,177)	43,737
CDBG-COVID	-	-	-
ARPA	1,732,952	(208,338)	1,524,614
Justice Assistance Grant Fund	14,804	-	14,804
Opioid Settlement Fund	-	274,814	274,814
Neighborhood Park Fund	64,343	-	64,343
Cemetery Care Fund	13,038	547	13,585
Debt Service Fund	3,610,645	(1,598,448)	2,012,197
Capital Project Funds:			
Sales Tax Capital Improvement Fund	6,360,355	(4,214)	6,356,141
Park Capital Improvement Fund	-	-	-
Wastewater Capital Improvement Fund	140,792	7,433	148,225
Wastewater Regulatory Capital Fund	397,676	(9,037)	388,639
City Hall Capital Improvement Fund	180,119	47,880	227,999
Storm Drainage Capital Improvement Fund	59,177	1,345	60,522
Community Development Block Grant Fund	211,387	-	211,387
2008B G.O. Bond Fund	-	-	-
2009 G.O. Bond Fund	-	-	-
2010 G.O. Bond Fund	-	-	-
2012 G.O. Bond Fund	-	-	-
2014 G.O. Bond Fund	-	-	-
2014B G.O. Bond Fund	3,885	-	3,885
2015 G.O. Bond Fund	-	-	-
2017 G.O. Bond Fund	-	-	-
2018A G.O. Bond Fund	-	-	-
2018B G.O. Bond Fund	31,386	-	31,386
2018C G.O. Bond Fund	-	-	-
2019A G.O. Bond Fund	327,431	(207,628)	119,803
2019B G.O. Bond Fund	350,641	-	350,641
2021A G.O. Bond Fund	526,494	(45,252)	481,242
2022A G.O. Bond Fund	3,112,203	(214,066)	2,898,137
2023 G.O. Bond Fund	6,564,913	(378,631)	6,186,282
Proprietary Funds:			
Adams Golf Course Operating Fund	136,622	(38,964)	97,658
Sooner Pool Operating Fund	40,167	(8,145)	32,022
Frontier Pool Operating Fund	54,603	(1,430)	53,173
Municipal Airport Operating	431,254	(57,076)	374,178
Internal Service Funds:			
Worker's Compensation Fund	321,209	14,151	335,360
Health Insurance Fund	3,001	1,828	4,829
Auto Collision Insurance Fund	496,502	(14,389)	482,113
Stabilization Reserve Fund	13,225,425	646,228	13,871,653
Capital Improvement Reserve Fund	21,349,355	2,131,704	23,481,059
Mausoleum Trust Fund	8,709	-	8,709



FROM: Jason Muninger, CFO/City Clerk

SUBJECT: Financial Statement Explanatory Information

GENERAL INFORMATION

The purpose of this memo is to provide some insight as to the construction of the attached financial statements and to provide some guidance as to their use.

The format of the attached financial statements is intended to highlight our most important revenue sources, provide sufficient detail on major operating funds, and provide a high level overview of all other funds. The level of detail presented is sufficient to assist the City Council in conducting their fiduciary obligations to the City without creating a voluminous document that made the execution of that duty more difficult.

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These analyses are presented in the final manner:

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The Highlights section presents a 5 year snap shot of the performance of the City's 4 most important revenue sources. Each bar represents the actual amounts earned in each year through the period of the report. Each dash represents the percent of the year's revenue that had been earned through that period. The current fiscal year will always represent the percent of the budget that has been earned, while all previous fiscal years will always represent the percent of the actual amount earned. This analysis highlights and compares not only amounts earned, but gives a better picture of how much should have been earned in order to meet budget for the year.

Major Operating Funds:

The City's major operating funds are presented in greater detail than the remainder of the City's funds. These funds include the General, Wastewater Operating, BMA – Wastewater, Water Operating, BMA – Water, and Sanitation. Due to the interrelated nature of the Wastewater Operating/BMA – Wastewater and the Water Operating/BMA – Water funds, these have been combined into Wastewater Combined and Water Combined funds. This should provide a better picture of the overall financial condition of these operating segments by combining revenues, operating expenses, and financing activities in a single report.

Other Funds:

All other funds of the City are reported at a high level. These funds are often created for a limited purpose, limited duration, and frequently contain only a one-time revenue source. This high level overview will provide Council with sufficient information for a summary review. Any additional information that is required after that review is available.

These condensed financial statement should provide sufficient information for the City Council to perform its fiduciary responsibility while simplifying the process. All supplementary, detailed information is available for the Council's use at any time upon request. Additionally, any other funds that the Council chooses to classify as a Major Operating fund can be added to that section to provide greater detail in the future.

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

CASE NO. PUD-1024-0045/46 – Public hearing and possible action on a request for a new Planned Unit Development (PUD) and Site Development Plan for 1.43 acres, zoned C-7 (Highway Commercial), at the northwest corner of Nowata Rd/US Hwy 60 and Madison Blvd.

Attachments:

- (1) Ordinance
- (2) Planning Commission Staff Report and Attachments

II. STAFF COMMENTS AND ANALYSIS

PUD-1024-0045/46 is a request for approval of a new Planned Unit Development (PUD) and Site Development Plan for 1.43 acres at the northwest corner of Madison Blvd and Nowata Rd/US Hwy 60. The site consists of two separate lots recently purchased by ASAP Energy with the intention of developing a new ASAP gas station/convenience store with their preferred layout. The property was previously developed as the same use, but is now currently vacant.

The gas station/convenience store use is permitted by right in the existing C-7 (Highway Commercial) zoning. However, ASAP's preferred site layout would not conform to required C-7 setbacks for the north and south property boundaries. A PUD allows for flexibility in design while maintaining compatibility with adjacent uses. To this end, proposed modifications to the Zoning Regulations in this PUD are as follows:

Setbacks:

- North setback reduced from 40 feet to 20 feet.
- South setback reduced from 50 feet to 30 feet.

Parking and Circulation:

- Prohibit drive aisles within the reduced north setback.
- Minimum parking requirement set at 1 per 300 square feet.

Landscaping:

- Relocate plantings required for street frontage landscaping on the south side to the west side of the site.
- Modify the residential screening along the north property boundary to replace the required plantings and 6-ft opaque fence or wall with an 8-ft tall opaque privacy fence.

Signage:

- Remove the existing pole sign in the right of way and replace with a monument sign.
- Allow the new monument sign to be located within 90 feet of residential property, rather than 100 feet.

Additional details concerning the development proposal can be found in the attached Staff Report provided to the Planning Commission. In their regular meeting held December 17, 2024, the Planning Commission recommended approval of PUD-1024-0045/46 per staff recommendation. Staff recommended approval subject to the dedication of ultimate right of way for Nowata Rd/US Hwy 60 and official combination of the lots prior to issuance of a Certificate of Occupancy. No one signed up to speak during the public hearing on this item.

III. RECOMMENDED ACTION

Planning Commission recommended approval of the requests by a vote of 6-0, subject to the dedication of ultimate right of way for Nowata Rd/US Hwy 60 and official combination of the lots prior to issuance of a Certificate of Occupancy.

A public hearing to consider this request for approval of a Planned Unit Development and Site Development Plan has been scheduled for the Bartlesville City Council on Monday, January 6, 2025. The City Council is requested to hold this public hearing and make a final decision on this request.

ORDINANCE NO. _____

AN ORDINANCE AMENDING THE LAND USE AND ZONING MAP OF THE CITY OF BARTLESVILLE, AND AMENDING THE ZONING MAP ON FILE IN THE OFFICE OF THE CITY CLERK OF THE CITY OF BARTLESVILLE BY CHANGING THE BOUNDARY OF THE USE DISTRICT SO THAT CERTAIN AREAS HEREIN DESCRIBED AND LOCATED WITHIN THE CORPORATE LIMITS OF THE CITY OF BARTLESVILLE, OKLAHOMA SHALL BE CHANGED FROM C-7 TO C-7/PUD AND ACKNOWLEDGING THE APPROVAL OF A SUPPLEMENTAL DESIGNATION PLANNED UNIT DEVELOPMENT (CASE NO. PUD-1024-0045/46).

WHEREAS, a petition was heretofore filed with the Planning Commission of the City of Bartlesville requesting that the real estate described below, located in the City of Bartlesville, be rezoned from C-7 (Highway Commercial) to C-7/PUD (Planned Unit Development) and materials were submitted relative to a certain supplemental designation Planned Unit Development and Site Development Plan relative to all of the real property described below; and

WHEREAS, the Bartlesville City Planning Commission considered said request at a public hearing on December 17, 2024, and following public input and discussion, submitted its report to the City Council with a recommendation for approval of a supplemental designation Planned Unit Development and;

WHEREAS, after receipt of said report recommending approval of the request with conditions, the City Council thereafter gave due public notice of hearing to be held relative to said proposed changes, which notice stated the nature and purpose of said proposed changes, gave the time and place of said hearing and stated where copies of the proposed changes were available for inspection prior to the time of said hearing; and

WHEREAS, on January 6, 2025, said hearing was duly held by the City Council; and

WHEREAS, on January 6, 2025 said City Council approved said rezoning and supplemental designation planned unit development.

NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND CITY COUNCIL OF THE CITY OF BARTLESVILLE, OKLAHOMA:

Section 1. That the land use and zoning map of the City of Bartlesville approved by the City Council on December 19, 1966, on file in the office of the City Clerk of the City of Bartlesville, Oklahoma, be and the same is hereby amended by re-establishing the boundary of the use districts so that the following described real estate located in the City of Bartlesville, County of Washington, Oklahoma, containing 1.43 acres be rezoned from C-7 to C-7/PUD:

LOTS TEN (10), ELEVEN (11), AND TWELVE (12), BLOCK ONE (1), RANCH ACRES ADDTION
BARTLESVILLE, WASHINGTON COUNTY, OKLAHOMA

Section 2. That the PUD pertaining to Case No. PUD-1024-0045/46, relative to all of the real property described below, is hereby approved with the conditions that ultimate right of way for Nowata Rd/US Hwy 60 be dedicated and official combination of the lots be completed prior to issuance of a Certificate of Occupancy.

Section 3. That the materials submitted in connection with the case are hereby approved and adopted and are incorporated herein by reference.

PASSED by the City Council and **APPROVED** by the Mayor of the City of Bartlesville, Oklahoma this 6th day of January, 2025.

Jim Curd, Mayor

ATTEST:

Jason Muninger, CFO/City Clerk



COMMUNITY DEVELOPMENT DEPARTMENT STAFF REPORT

TO: Bartlesville City Planning Commission

FROM: Micah Snyder, Senior Planner

DATE: December 17, 2024

CASE NO. PUD-1024-0045/46

Subject: Public hearing and possible action on a request for a new Planned Unit Development (PUD) and Site Development Plan for 1.43 acres at the northwest corner of Nowata Rd/US Hwy 60 and Madison Boulevard. The request is submitted by Dan Keleher on behalf of ASAP Energy, Inc.

GENERAL INFORMATION:

Applicant: Dan Keleher on behalf of ASAP Energy, Inc.

Requested Action: Approval of a new PUD and Site Development Plan

Location: 5312 Nowata Rd / NW Corner of Madison Blvd and Nowata Rd/US Hwy 60

Area: 1.43 Acres

Floodplain: N/A

Present Land Use: Vacant

Proposed Land Use: Gas Station/Convenience Store

Zoning: C-7 (Highway Commercial)

Comprehensive Plan
Future Development
Map Character Area: Community Commercial

Adjacent Zoning, Land Uses, and Character Areas:

	Zoning	Land Use	Character Area
North	RS-12 (Single Family Residential)	Single Family Residential	Suburban Neighborhood
South	C-3 (Major Shopping)/PUD	Gas Station/Convenience Store (Casey's)	Community Commercial
East	RS-12 (Single Family Residential)	Single Family Residential	Suburban Neighborhood
West	C-7 (Highway Commercial)	Automobile Glass Repair Facility (Safelite)	Community Commercial

ANALYSIS:

PUD-1024-0045/46 is a request for approval of a new Planned Unit Development (PUD) and Site Development Plan for 1.43 acres at the northwest corner of Nowata Rd/US Hwy 60 and Madison Boulevard. The site consists of two separate lots originally platted as Lots 10, 11, and 12, Block 1, Ranch Acres Addition. The applicants intend to develop the property as a new ASAP gas station and convenience store. The property is zoned C-7 (Highway Commercial) with no PUD, and has never been the subject of any previous rezoning or PUD case. The site was previously developed as a gas station and convenience store. All structures have now been removed and it is currently vacant. The lots will need to be officially combined prior to issuance of a Certificate of Occupancy for the project.

Water and sewer lines are available to serve the development. Sewer will come from a 6-inch main line in an easement on the north side of the property. Water service previously came from the east, but will be relocated to the south with the new development.

Zoning and Land Use Compatibility:

The property is within the Community Commercial Character Area on the Future Development Map of the Comprehensive Plan. The Zoning District and Character Area Compatibility Matrix indicates that C-7 uses are considered primary in Community Commercial. There are no provisions to permit or prohibit specific uses proposed in the PUD.

Gas station/convenience stores are not listed as a category in the Zoning Regulations, therefore the use is equated to "Automobile Service Station" and "Variety Store", which are permitted by right in the C-7 district. An automobile glass repair facility abuts the subject site to the west. A similar gas station development exists to the south across Nowata Rd/US Hwy 60. Residential protection screening will be provided where the subject site abuts single-family residential use and development to the north and across Madison Blvd to the east as required by the Zoning Regulations, except as may be modified by the PUD.

Site Design:

The Design Statement and Site Development Plan provided by the applicants include the following details of the proposed development.

Bulk and Area Regulations

As part of this project, additional right of way will be dedicated for Nowata Rd/US Hwy 60, bringing the south property line in farther north. The applicants' preferred site layout is unable to meet C-7 setbacks from the north and south property lines. Therefore, the PUD requests to reduce the north setback from 40 feet to 20 feet, and the south setback from 50 feet to 30 feet. The east and west setback requirements will remain 0 feet and 25 feet per Table 5.2 of the Zoning Regulations. No other C-7 bulk and area regulations are requested to be modified.

Parking, Access, and Circulation:

The minimum parking requirement in the Zoning Regulations for "Automobile Service Station" is 4 per service bay and 1 per 200 square feet for "Variety Store". The PUD proposes a minimum parking requirement of 1 per 300 square feet, which is met by the parking layout shown on the Site Development Plan.

Access to the site will be provided by one driveway from Madison Blvd and one driveway from Nowata Rd/US Hwy 60. Exact driveway locations will be coordinated with Oklahoma Department of Transportation and City Engineering staff, but are expected to be similar to what is shown on the Site Development Plan.

The Comprehensive Plan Future Thoroughfare Map labels this stretch of Nowata Rd/US Hwy 60 as a Principal Arterial. Per the Subdivision Regulations, ultimate right of way for this classification is 120 feet, or 60 feet on either side. As shown on the boundary survey provided by the applicants, they will dedicate an additional 17.62 feet of right of way to meet this requirement for Nowata Rd.

Madison Blvd is labeled as a Minor Arterial in the Comprehensive Plan. The Subdivision Regulations require 80 feet of ultimate right of way for that classification, or 40 feet on either side. The survey shows that there is currently previously dedicated right of way 36 feet in width. The applicants intend to utilize the existing concrete fuel tank access on the site. If the nearly 4 feet of additional right of way were dedicated for Madison Blvd, the concrete tank access structure would encroach into that right of way by approximately 2 feet. To avoid this encroachment, additional right of way dedication for Madison Blvd is not being required at this time.

To minimize disturbance of residential property to the north, the PUD proposes to prohibit drive aisles within the proposed 20-ft setback for this or any future development of the site.

Signage, Landscaping and Residential Protection:

The applicants originally intended to reuse the existing, free-standing pole sign that is currently located within the public right of way. As the sign is within the right of way, it is required to be removed. The Site Development Plan shows they will now have a monument sign rather than a pole sign. The sign will be constructed in accordance with the Zoning Regulations, except that it is permitted to be within 90 feet of residentially zoned property rather than 100 feet due to its proximity to the residential property to the southwest across from Nowata Rd/US Hwy 60.

The landscape plan provided by the applicants shows that landscaping requirements required by the Zoning Regulations will be met without modification for parking lot landscaping as well as the residential protection screening and street frontage landscaping along Madison Blvd.

Due to the location of the sewer main and other private utilities along the north property boundary, the PUD proposes to modify the residential protection screening requirement on that side from required plantings *and* a minimum 6-ft tall opaque fence or wall to an 8-ft tall opaque privacy fence only. The applicants originally desired a masonry wall for this requirement, but had to change to a privacy fence due to proximity to the sewer line.

With the right of way dedication for Nowata Rd/US Hwy 60, there will be less area that could have been utilized for street frontage landscaping on the south side. Due to this, the PUD requests to relocate the plantings for that requirement to the west side of the site.

Summary of PUD Modifications Requested:

Setbacks:

- North setback reduced from 40 feet to 20 feet.
- South setback reduced from 50 feet to 30 feet.

Parking and Circulation:

- Minimum parking requirement set at 1 per 300 square feet.
- Prohibit drive aisles within the reduced north setback.

Landscaping:

- Relocate plantings required for street frontage landscaping on the south side to the west side of the site.
- Modify the residential screening along the north property boundary to replace the required plantings and 6-ft opaque fence or wall with an 8-ft tall opaque privacy fence.

Signage:

- Remove the existing pole sign in the right of way and replace with a monument sign.
- Allow the new monument sign to be located within 90 feet of residential property, rather than 100 feet.

PUBLIC NOTICE:

Property owners within 300 feet were notified by mail and a sign was posted on-site. A public hearing notice was published in the Bartlesville Examiner-Enterprise. The applicant hosted a citizen participation meeting, inviting the same property owners. The owners of the property on the corner to the east of the subject site attended and indicated support of the project. No other property owners attended or contacted the applicant. Staff has not received any inquiry or objection to the request.

STAFF RECOMMENDATION:

Staff recommends approval of Case No. PUD-1024-0045/46, subject to the dedication of ultimate right of way for Nowata Rd/US Hwy 60 and official combination of the lots prior to issuance of a Certificate of Occupancy.

ATTACHMENTS:

- Aerial Image
- Zoning Map
- Future Development Map
- Design Statement
- Site Development Plan
- Landscape Plan
- Boundary Survey
- Community Participation Results



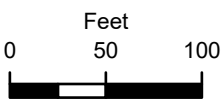
SE RANCH RD

SE MADISON BLVD

SUBJECT TRACT

SE NOWATA RD

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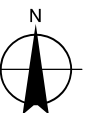
Subject Tract

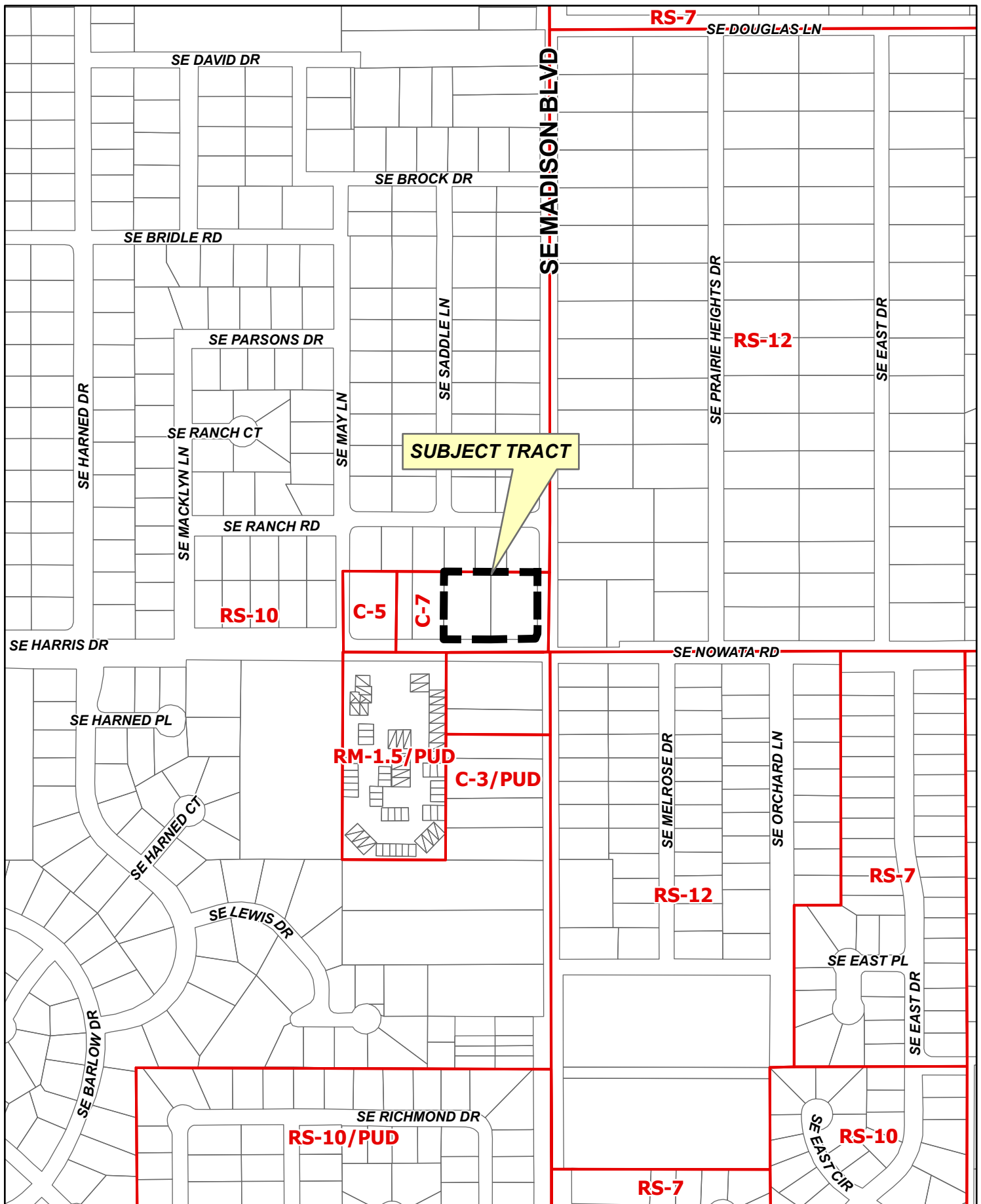
PUD-1024-0045/46

26-13 16

Note: Graphic overlays may not precisely align with physical features on the ground.

Aerial Photo Date: 2023



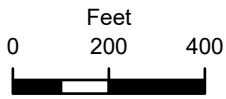


SUBJECT TRACT

C-5
C-7

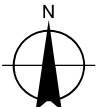
RM-1.5/PUD
C-3/PUD

RS-10/PUD

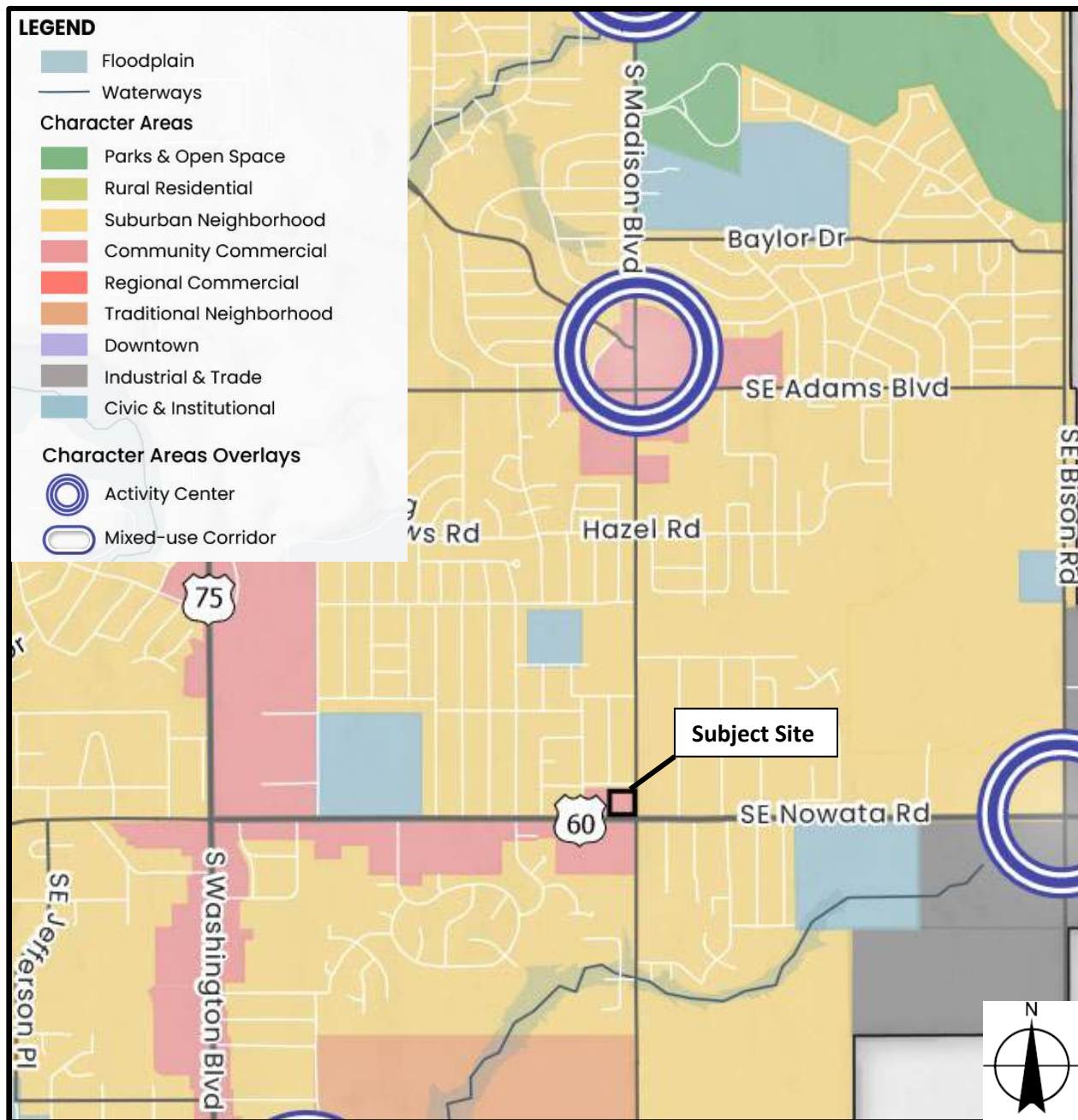


PUD-1024-0045/46

26-13 16



Future Development Map



SITE PLAN REVIEW AND PLANNED UNIT
DEVELOPMENT FOR

**ASAP ENERGY, INC.
GENERAL STORE**

5312 SE NOWATA RD.
BARTLESVILLE, OKLAHOMA

KELEHER ARCHITECTS |

DAN KELEHER JR., PLLC, AIA

KELEHER ARCHITECTS | ARCHITECTURE AND INTERIOR DESIGN | COMMERCIAL AND RESIDENTIAL

918-333-8855 PO BOX 1361, BARTLESVILLE, OK 74005 WWW.KELEHERARCHITECTS.COM

A. DEVELOPMENT CONCEPT

Asap Energy, Inc. proposes to build a new general store/gas station on the site of a former facility previously of the same use. The location is on the northwest corner of Nowata Road/US 60 and Madison Blvd. Current address of the property is 5312 S.E. Nowata Rd.

Property is currently zoned C-7 (Highway Commercial). The proposed use is permitted by right in C-7 (Highway Commercial). The site's previous use and development as a gas station was permitted in C-7, but was not conforming with required setbacks.

Redevelopment of the property for the same use is subject to the dedication of additional Right of Way for US Hwy 60/Nowata Rd, and setbacks are calculated from the new resulting property line.

ASAP Energy, Inc. is seeking to develop the site with their preferred layout, which necessitates modification of C-7 bulk and area regulations. Therefore, the owner is requesting approval of a new PUD and Site Development Plan to accommodate those needs while harmonizing with the surrounding neighborhood.

The exterior building materials will be similar to the ASAP store on West Frank Phillips. Primary materials are brick and glass on the General Store and architectural aluminum panels on the canopy covering the gas pumps.

B. GENERAL PROVISIONS

Landscape:

Landscaping will be in accordance with City of Bartlesville Regulations except as maybe modified herein. The residential protection screen on the north side of the facility will be an 8' tall opaque privacy fence. To avoid utilities along the north perimeter, we are requesting the 8' fence will satisfy screening requirements in lieu of additional tree planting.

The required Right of Way dedication for Hwy 60/Nowata Rd moves some area where street frontage landscaping could have been placed, therefore we are also requesting to relocate street trees to west side of property and on SE corner of property. Bradford Pears (*Pyrus calleryana*) and Eastern Red Cedars (*Juniperus virginiana*) will not be used on the site.

Signage:

A new monument sign will be installed on the site. It will be constructed within City of Bartlesville regulations except that it may be located within 90 feet of a lot zoned RE, RS, RM or RT instead of 100 feet. The existing sign on the S.E. corner within the right of way will be removed.

Access:

Access will be from both Nowata Road and Madison Blvd. New side walk will be constructed along both arteries. Driveway locations will be determined by working with City Engineering and Oklahoma Department of Transportation. No drive aisles can be located within the north setback area between the building and property line.

Utilities/Drainage:

Water and sewer utilities are currently available at the site. Storm water will be surface drained.

Lot Combination:

Subject property is currently two separate lots, owner understands these lots will be combined prior to certificate of occupancy.

Schedule:

Owner plans to begin construction in first quarter of 2025.

C. DEVELOPMENT STANDARDS

Net Land Area:	1.43 Acres
Permitted Uses:	As permitted by right in the C-7 zoning district.
Maximum Allowable Floor Area:	1.5
Minimum Lot Size:	7,500 s.f.
Minimum Setbacks:	<u>C-7 req.</u> <u>PUD Request</u>
Nowata Road	50 ft. 30 ft.
Madison Blvd	25 ft. No change
From North residential line	40 ft. 20 ft.
From west Property Line	0 ft. No change
Off Street Parking	1 space per 300 sq ft of customer accessible floor area.

Revisions:

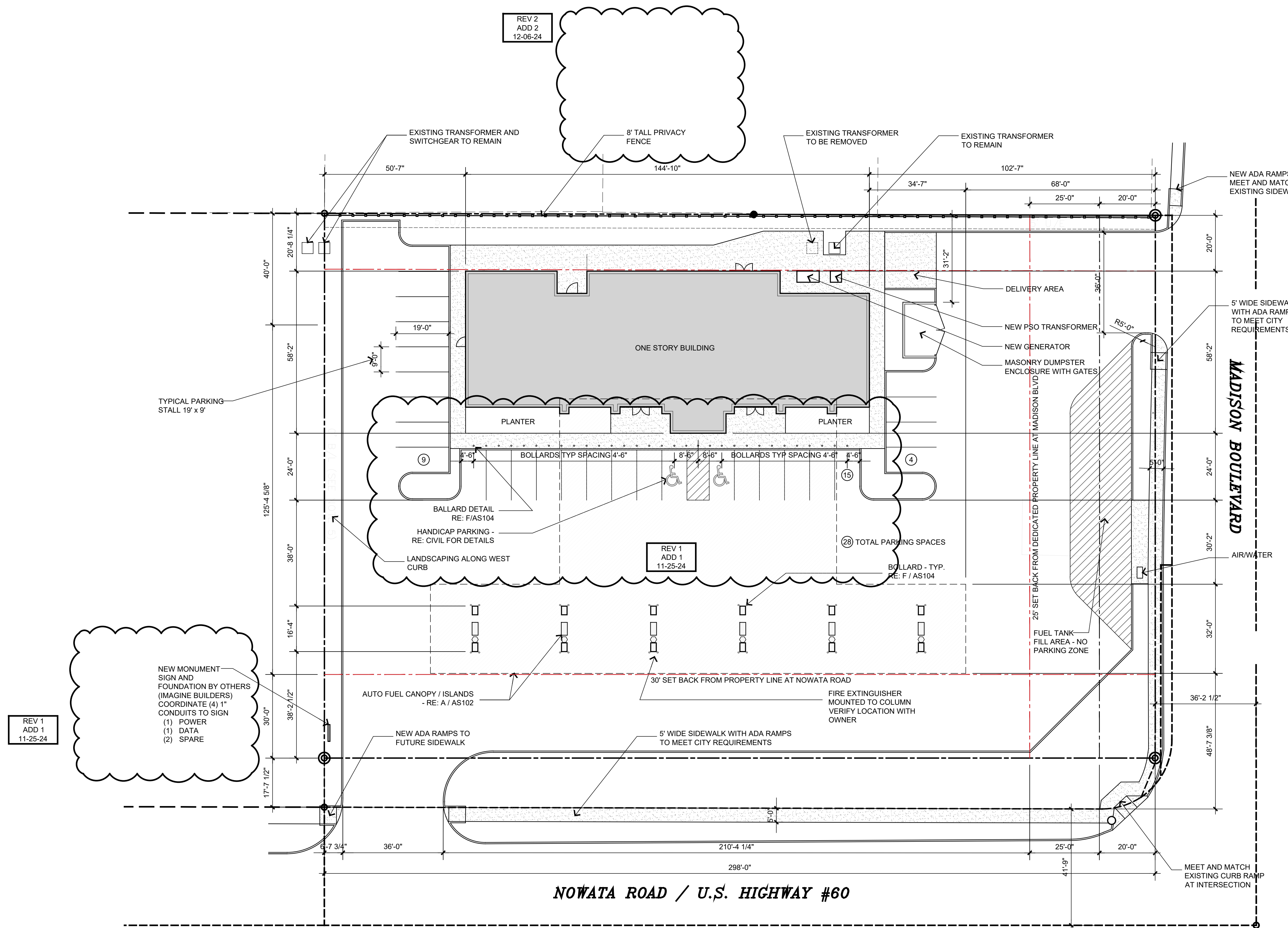
No.	Date



DATE: 11-18-24

**ASAP ENERGY
 GENERAL STORE**
 5312 SE NOWATA ROAD
 BARTLESVILLE, OK 74006

PROJECT NO.: 23032



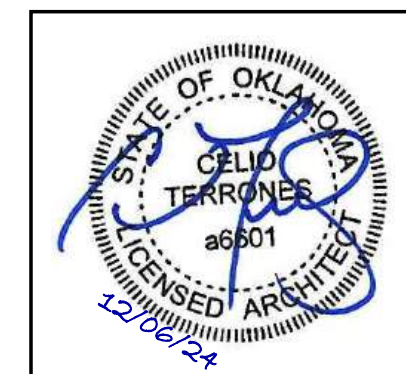
MINIMUM SETBACKS:	C-7 REQUIRED	PUD REQUEST
NOWATA ROAD	50 FEET	30 FEET
MADISON BOULEVARD	25 FEET	NO CHANGE
FROM NORTH RESIDENTIAL LINE	40 FEET	20 FEET
FROM WEST PROPERTY LINE	0 FEET	NO CHANGE

REV 2
 ADD 2
 12-06-24

ADDITIONAL NOTES AND DIMENSIONS HAVE BEEN ADDED TO THIS SHEET TO SATISFY THE CITY OF BARTLESVILLE PUD APPLICATION PROCESS

1 SITE PLAN
 SCALE: 1" = 20'-0"





405.314.0877 / 405.615.7552
4334 NW EXPRESSWAY SUITE 245
OKLAHOMA CITY, OK 73116
theformdesignstudio.com

Revisions:

No.	Date

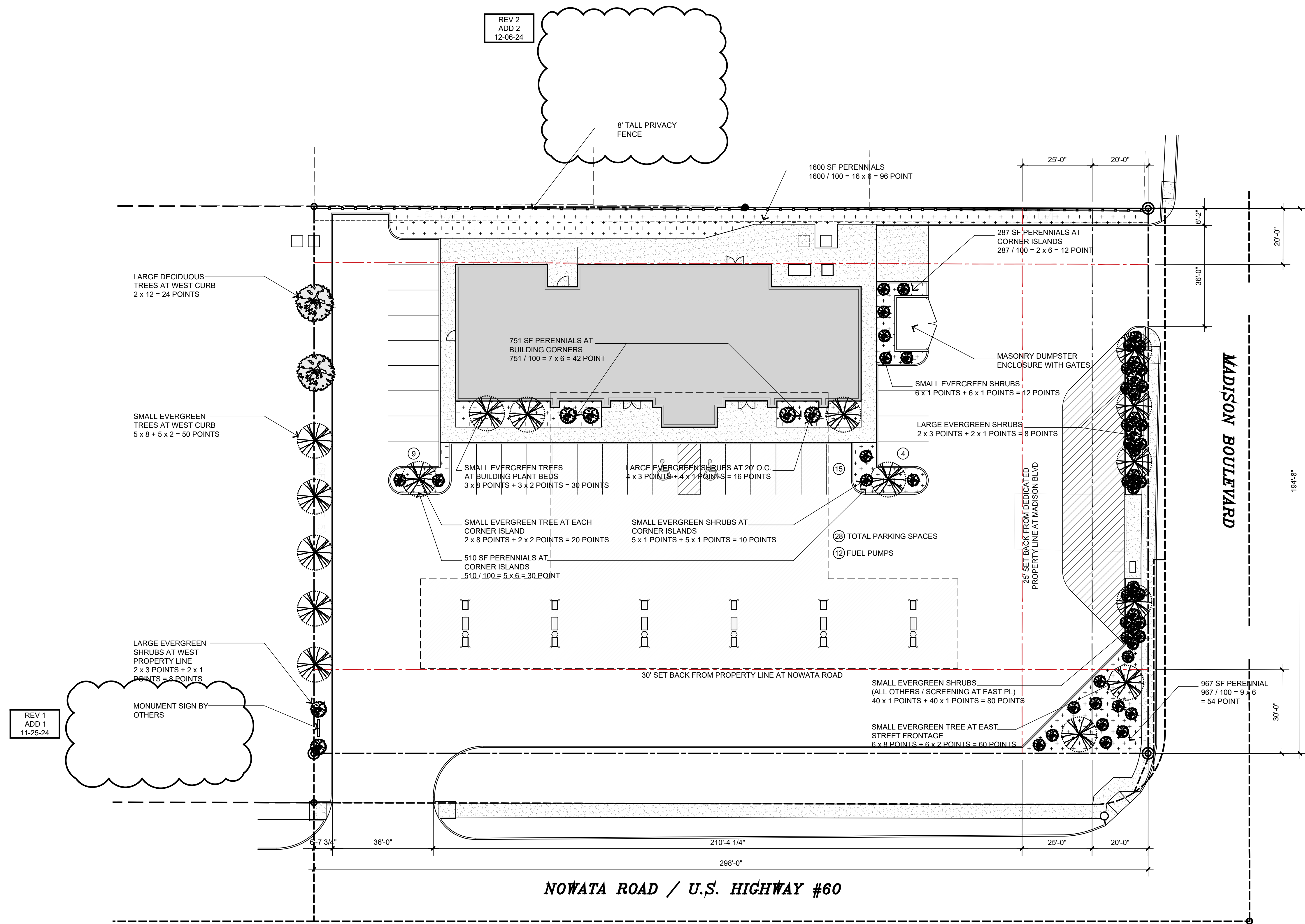


DATE: 11-18-24

**ASAP ENERGY
GENERAL STORE**
5312 SE NOWATA ROAD
BARTLESVILLE, OK 74006

PROJECT NO.: 23032

SHEET NAME
LANDSCAPING PLAN
SHEET NUMBER
LP101



DESCRIPTION OF PROPERTY	STREET FRONTAGE: 493' ADJOINING RESIDENTIAL: 298' FACING RESIDENTIAL WITH INTERVENING PUBLIC RIGHT OF WAY: 195' PROPOSED PARKING SPACES: 28	PROVIDED
REQUIREMENTS	CALCULATION OF POINTS	
STREET FRONTAGE	TOTAL: 493 x 0.40 = 198 (TREE MINIMUM: 198 x 0.80 = 159)	0 POINTS (PL RESTRICTION)
PARKING LOT OPTION A	TOTAL: 28 x 1 = 28 (TREE MINIMUM: 28 x 0.50 = 14)	172 POINTS
RESIDENTIAL PROTECTION ALONG ADJACENT PROPERTY LINE	TOTAL: 298 x 0.50 = 149	96 POINTS
RESIDENTIAL PROTECTION ALONG PUBLIC RIGHT-OF-WAY	TOTAL: 195 x 0.40 = 78 (SMALL / MEDIUM SHRUB MINIMUM: 78 x 0.80 = 63)	202 POINTS
ADDITIONAL POINTS PROVIDED AT WEST PROPERTY LINE		82 POINTS
TOTAL POINTS (OPTION A)	198 + 28 + 149 + 78 = 453 (TOTAL TREE POINTS: 173)	552 POINTS

PLANT LEGEND						
SYMBOL						TOTAL
SPECIES (OR APPROVED EQUAL)	ELM	RED BUD	BLACK EYED SUSAN	BOXWOOD	BOXWOOD	
QUANTITY	2	16	4,115 SF	51	8	
CLASS	LARGE TREE	SMALL TREE	PERENNIAL	SMALL SHRUB	LARGE SHRUB	
BASE POINTS	12	8	6/100 SF	1	3	
EVERGREEN POINTS		2		1	1	
TOTAL	24	160	234 * 246**	102	32	552* 564**

* LANDSCAPING PLAN POINTS AT EACH PLANTING BED ROUNDED DOWN TO NEAREST WHOLE NUMBER
** CUMULATIVE LANDSCAPING POINTS

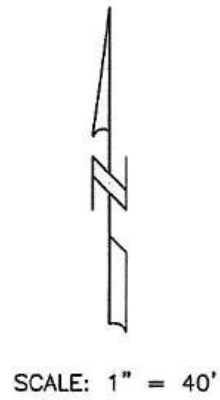
MINIMUM SETBACKS:	C-7 REQUIRED	PUD REQUEST
NOWATA ROAD	50 FEET	30 FEET
MADISON BOULEVARD	25 FEET	NO CHANGE
FROM NORTH RESIDENTIAL LINE	40 FEET	20 FEET
FROM WEST PROPERTY LINE	0 FEET	NO CHANGE

REV 2
ADD 2
12-06-24

ADDITIONAL NOTES AND DIMENSIONS HAVE BEEN ADDED TO THIS SHEET TO SATISFY THE CITY OF BARTLESVILLE PUD APPLICATION PROCESS

1 LANDSCAPING PLAN
SCALE: 1" = 20'-0"

BOUNDARY SURVEY



- LEGEND:**
- ⊙ DENOTES 1/2" IRON ROD WITH I.D. CAP SET
 - DENOTES 1/2" IRON ROD FOUND UNLESS OTHERWISE NOTED
 - x- DENOTES FENCE
 - (M) DENOTES MEASUREMENT PER THIS SURVEY
 - (D1) DENOTES MEASUREMENT PER DESCRIPTION IN R/W DEDICATION DEED TO THE CITY OF BARTLESVILLE (BOOK 1091, PAGE 2147)

NOTES:

1. BEARING REFERENCE FOR THIS SURVEY IS OKLAHOMA STATE PLANE GRID, NAD 83, NORTH ZONE.
2. NO INDEPENDENT SEARCH OR INVESTIGATION HAS BEEN MADE BY SURVEYOR FOR EASEMENTS, ENCUMBRANCES, RESTRICTIONS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS WHICH AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
3. THIS SURVEY HAS BEEN MADE IN ACCORDANCE WITH THE CURRENT OKLAHOMA MINIMUM STANDARDS FOR THE PRACTICE OF LAND SURVEYING.
4. SURVEY IS VALID ONLY IF ORIGINAL SEAL AND SIGNATURE OF SURVEYOR IS PRESENT.
5. THE BUILDING LINES AS SHOWN ON THIS DRAWING WERE PROVIDED TO SURVEYOR BY THE CITY OF BARTLESVILLE'S PLANNING AND ZONING DEPARTMENT.

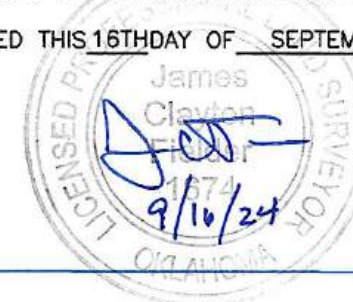
FOUND MAG NAIL AT SW CORNER SE/4 SEC. 16, T26N, R13E, WASH. CO., OKLA.

FIELDER
LAND SURVEYING
1652 S.E. WASHINGTON BLVD.
BARTLESVILLE, OKLAHOMA 74006
(918) 335-5071
email: fielderlandsurveying@gmail.com

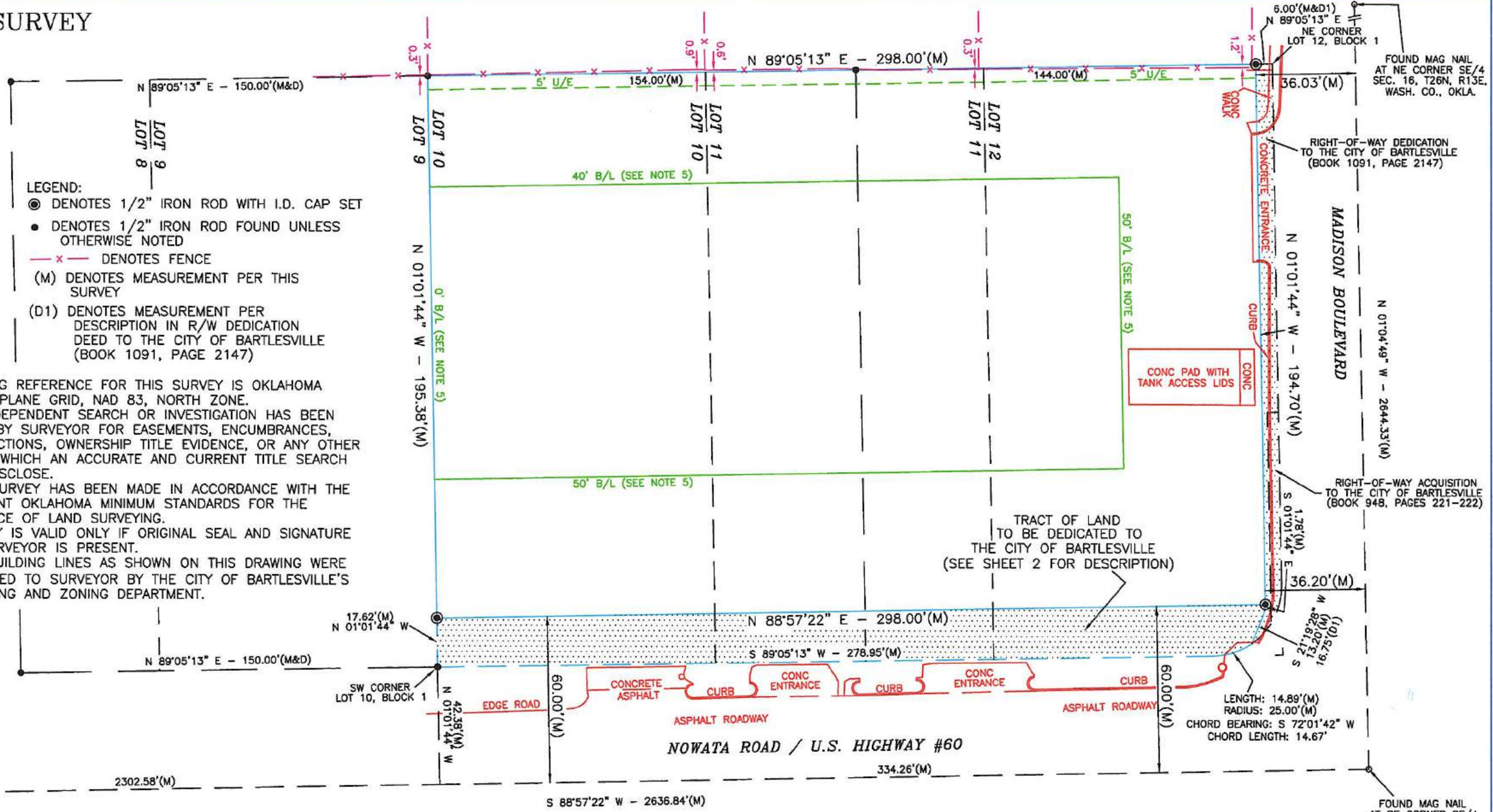
PROPERTY DESCRIPTION:
A PART OF BLOCK 1, RANCH ACRES ADDITION, TO THE CITY OF BARTLESVILLE, WASHINGTON COUNTY, OKLAHOMA. SEE SHEET 2 FOR COMPLETE DESCRIPTIONS.

I, JAMES C. FIELDER, LICENSED PROFESSIONAL LAND SURVEYOR NO. 1674 IN THE STATE OF OKLAHOMA, HAVE MADE A SURVEY OF THE HEREON SHOWN TRACT OF LAND AND THE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATED THIS 16TH DAY OF SEPTEMBER, 2024.



SHEET 1 OF 2
C.A. NO. 8833 - EXPIRES 6/30/26



ORIGINAL PROPERTY DESCRIPTIONS:

(SPECIAL WARRANTY DEED – BOOK 1206, PAGES 2813–2814)

LOT TEN (10) & WEST 54 FEET OF LOT ELEVEN (11) OF BLOCK ONE (1), RANCH ACRES ADDITION, BARTLESVILLE, WASHINGTON COUNTY, OKLAHOMA

AND

(SPECIAL WARRANTY DEED – BOOK 1206, PAGE 2815–2816)

LOT TWELVE (12) & EAST 46 FEET OF LOT ELEVEN (11) OF BLOCK ONE (1), RANCH ACRES ADDITION TO BARTLESVILLE, WASHINGTON COUNTY, OKLAHOMA

DESCRIPTION OF TRACT OF LAND TO BE DEDICATED TO THE CITY OF BARTLESVILLE (PREPARED BY JAMES C. FIELDER, OK PLS #1674, DATED 9/16/2024):

A TRACT OF LAND IN THE SOUTHEAST QUARTER (SE/4) OF SECTION SIXTEEN (16), TOWNSHIP TWENTY-SIX (26) NORTH, RANGE THIRTEEN (13) EAST OF THE INDIAN MERIDIAN, WASHINGTON COUNTY, OKLAHOMA AND BEING A PART OF LOTS TEN (10), ELEVEN (11) AND TWELVE (12), BLOCK ONE (1), RANCH ACRES ADDITION, TO THE CITY OF BARTLESVILLE, WASHINGTON COUNTY, OKLAHOMA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF SAID SE/4; THENCE S 88°57'22" W ALONG THE SOUTH LINE OF SAID SE/4 A DISTANCE OF 334.26 FEET; THENCE LEAVING SAID SOUTH LINE, N 01°01'44" W A DISTANCE OF 42.38 FEET TO THE SOUTHWEST CORNER OF SAID LOT 10 AND BEING THE TRUE POINT OF BEGINNING; THENCE N 01°01'44" W ALONG THE WEST LINE OF SAID LOT 10 A DISTANCE OF 17.62 FEET TO A POINT WHICH IS 60.00 FEET NORTH OF THE SOUTH LINE OF SAID SE/4; THENCE N 88°57'22" E PARALLEL WITH SAID SOUTH LINE A DISTANCE OF 298.00 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF MADISON BOULEVARD; THENCE S 01°01'44" E ALONG SAID WESTERLY RIGHT-OF-WAY LINE A DISTANCE OF 1.78 FEET; THENCE CONTINUING ALONG SAID WESTERLY RIGHT-OF-WAY LINE S 21°19'28" W A DISTANCE OF 13.20 FEET TO THE EASTERLY LINE OF SAID LOT 12; THENCE ALONG SAID EASTERLY LINE ON A CURVE TO THE RIGHT HAVING A RADIUS OF 25.00 FEET, A CHORD WHICH BEARS S 72°01'42" W, A CHORD LENGTH OF 14.67 FEET AND AN ARC LENGTH OF 14.89 FEET; THENCE S 89°05'13" W ALONG THE SOUTH LINE OF SAID LOTS 10, 11 AND 12 A DISTANCE OF 278.95 FEET TO THE POINT OF BEGINNING, CONTAINING 5280 SQUARE FEET MORE OR LESS.



email: fielderlandsurveying@gmail.com

KELEHER ARCHITECTS

DAN KELEHER JR., PLLC, AIA

KELEHER ARCHITECTS | ARCHITECTURE AND INTERIOR DESIGN | COMMERCIAL AND RESIDENTIAL

918-333-8855 PO BOX 1361, BARTLESVILLE, OK 74005 WWW.KELEHERARCHITECTS.COM

ASAP General Store
PUD Amendment/ Site Plan Approval
Case #PUD-1024-0045/46

Neighborhood Meeting Notes
November 11, 2024

Neighbors within a 300' radius were invited to a meeting on November 11, 2024 at Tri-County Tech to receive information regarding the proposed ASAP General Store.

The couple that lives on the N.E. corner of the intersection are in favor of the project. They were pleased the old station was removed and liked the look of the ASAP stores. There is an image on the ASAP website.

No other property owners attended or contacted me.

Please contact me with any questions.

Regards,

Dan Keleher Jr. AIA
Keleher Architects

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Consider and take action on utilization of the building at Centennial Park for a Start-Up Incubation Program to be managed by the Park Board.

Attachment: Application for Program

II. STAFF COMMENTS AND ANALYSIS

The Start-Up Incubation Program at Centennial Park is an initiative aimed at fostering local entrepreneurship and innovation. By repurposing a 500-square-foot building within the park, this program provides an affordable, short-term platform for start-ups and small businesses to launch and test their concepts in a real-world environment. The facility includes one room and a restroom but lacks a kitchen, making it ideal for retail, gallery/showroom, or other uses. Rent and city services will be provided at no cost to the tenant, with the exception of electricity, which must be set up in the business's name or charged back.

The six-month lease period is designed to maintain a rotation of businesses, ensuring fresh opportunities for new ventures and varied community engagement. Applications are evaluated based on business feasibility, community impact, and alignment with the space's limitations. The structured application form requires detailed business goals, marketing strategies, and a financial plan, ensuring that selected participants are prepared to succeed within the program's parameters. The lease agreement outlines responsibilities such as maintenance, operational hours, and compliance with municipal regulations to safeguard the City's investment in the program.

The initiative is expected to stimulate economic growth, attract visitors to Centennial Park, and enhance its role as a community hub. By offering this opportunity, the City demonstrates a commitment to supporting small businesses and fostering a thriving local economy. The Park Board's unanimously recommended this program for approval their November 2024 meeting.

III. RECOMMENDED ACTION

Approval of the Start-Up Incubation Program to be managed by the Park Board.

CENTENNIAL PARK START-UP INCUBATION PROGRAM APPLICATION FORM



APPLICANT INFORMATION:

Business Name:
Owner/Primary Contact Name:
Phone Number:
Email Address:
Business Address (if applicable):

Please note you are allowed to attach any documentation to this application to answer any of the following questions. But, please do indicate if you have done so in the applicable field.

BUSINESS CONCEPT:

Describe Your Business Concept (Provide a brief overview of your product or service, target market, and how you plan to operate the business in this space.)

BUSINESS PLAN OVERVIEW:

- **Business Goals for the Six-Month Period** (What do you hope to achieve by utilizing this space? Examples: launching a product, testing market demand, building a customer base, etc.):

- **Marketing Strategy** (How do you plan to attract customers? Examples: social media, local advertising, word of mouth, etc.):

- **Financial Plan** (Provide a basic overview of how your business is funded and your plan for managing operating costs during the six months. Include potential revenue streams.):

- **Operational Hours** (What will be your business hours of operation? Please note that reasonable hours are expected to ensure community engagement.):

SPACE UTILIZATION:

- **How will you use the 500 square foot space?**

(Examples: Retail store, office space, gallery, showroom, etc.)

- **Do you have any special requirements for the space?** (Please describe any needs for equipment, utilities, signage, etc. Note that the space includes one restroom but no kitchen.)

- **Are there any anticipated challenges in operating your business within this space?** (Explain any limitations or challenges that could arise from the space setup.)

SUPPORTING INFORMATION:

- **Why do you believe this program is a good fit for your business?**

- **How do you envision contributing to the local community or park visitors while utilizing this space?**

(Consider how your business can enhance the visitor experience or engage with the community.)

ADDITIONAL INFORMATION:

- Please attach three (3) references
- Please attach any additional materials, such as photos, brochures, or a business plan.

AGREEMENT:

- By submitting this application, I acknowledge that:
- Rent and city services (except electricity) will be provided free of charge.
- Electricity must be set up in my business's name or charged back.
- The space is offered on a six-month lease with no guarantee of renewal.
- I am responsible for maintaining the space and adhering to all city regulations during my occupancy.
- I may be required to submit a security deposit.

Signature: _____

Date: _____

APPLICATION REVIEW FORM

Applicant Information:

Business Name:

Reviewer Name:

1. Business Concept (30 points)

- How clear and well-developed is the business concept?

Score (0-30): _____

2. Business Goals for Six-Month Period (20 points)

- Are the business goals realistic and aligned with the six-month time frame?

Score (0-20): _____

3. Marketing Strategy (10 points)

- How well thought-out is the plan for attracting customers?

Score (0-10): _____

4. Financial Plan (10 points)

- Does the applicant have a realistic and sustainable financial plan?

Score (0-10): _____

5. Community Impact (20 points)

- How likely is the business to positively contribute to the community and park visitors?

Score (0-20): _____

6. Space Utilization (10 points)

- Is the proposed use of the space appropriate for the 500 sq ft setup?

Score (0-10): _____

Additional Comments:

Total Score (out of 100):

Score: _____

CENTENNIAL PARK BUILDING

LEASE AGREEMENT

THIS AGREEMENT is made this ____ day of _____, 2024 between City of Bartlesville, a Municipal Corporation, as "Lessor" and _____, an Oklahoma Organization as "Lessee".

WITNESSETH: For and in consideration of the mutual covenants herein contained, Lessee and Lessor agree as follows:

1. **LOCATION.** Lessor leases to Lessee and Lessee leases from Lessor the building at Centennial Park located at 211 SE Frank Phillips Boulevard, City of Bartlesville, Washington County, Oklahoma. Such portion being hereafter referred to as the "Premises, as shown on the marked Exhibit "A" attached hereto and made a part hereof.

2. **RENT.** Lessee agrees to pay a minimum fixed rent of:
Six-Months: \$0.00

payable in advance in yearly installments on the first day of each and every calendar year during the entire term of this Lease. Said payments shall be made without any counter-claims, set-off or deduction whatsoever to Lessor and mailed to Lessor at 401 S, Johnstone Avenue, Bartlesville OK 74003, unless the Lessor designates in writing a different mailing address.

3. **SECURITY DEPOSIT.** Lessee has deposited with Lessor the sum of two-hundred and No/100 dollars (\$200.00) as security for the faithful performance and observance by Lessee of the terms, provisions, covenants, and conditions of this Lease. Lessor may use, apply, or retain the whole or any part of the security so deposited to the extent required for the payment of any rent or any other sum whatsoever which Lessor may expend by reason of Lessee's default of this Lease or by reason of, in Lessor's sole judgment, any repairs necessary to put the Premises in the condition in which it is to be surrendered by Lessee to Lessor as set forth in Section 22, SURRENDER OF PREMISES, of this Lease. In the event that Lessee shall fully and faithfully comply with all of the terms, provisions, covenants, and conditions of this Lease, and subject to the conditions as herein provided, the security deposit shall be returned to Lessee within sixty (60) days after the expiration of this Lease or any extensions or renewals thereof and after delivery of entire possession of the Premises. The security deposit shall not be used by Lessee to replace the last month's rent.

4. **TERM.** The term of this Lease shall be for a period of six (6) months, beginning on the XX day of XXXX, 2024. The Lease shall terminate on XXXX XX of 2043

5. **TENANT'S INSTALLATION.** Except as provided for initially by Lessor, Lessee at its own expense shall provide, install, and maintain all necessary fixtures, light fixtures, floor

coverings, interior painting and decorating, and other equipment required by Lessee. Lessee agrees to maintain, repair and replace, if necessary, all heating, ventilating and air conditioning equipment, including all duct work, located in the Premises at its own expense in accordance with generally accepted industry standards which shall include at least two (2) inspections by a licensed HVAC contractor, approved in writing by Lessor, per lease year and at all times comply with all local and federal codes pertaining to such equipment. Lessee shall provide Lessor with written evidence of such HVAC inspections. It is understood that all heating, ventilating and air conditioning equipment, including all duct work and thermostats, now located or hereafter installed in the demised premises is the property of Lessor, and at the expiration of this Lease the Lessee shall not have the right to remove same.

6. **SIGNS.** Lessee shall maintain a sign on the property subject to the prior written approval of Lessor.
7. **USE.** Lessee agrees to continuously operate in the Premises during ordinary and regular business hours for the purposes of providing XXXXXXX. Lessee shall, at Lessee's sole cost and expense, promptly comply with all statutes, ordinances, rules, orders, regulations and/or requirements of all county, municipal, state, federal, and other applicable governmental authorities now in force, or which may hereinafter be in force, pertaining to the Premises and shall faithfully observe in the use of the Premises all municipal and county ordinances and state and federal statutes now in force or which may hereinafter be in force including all rules and regulations made by Lessor in connection with the general operation and development of the center.
8. **REPAIRS.** Lessee is to keep in good repair all parts of the property, including roof, gutters, walls, buildings, and exterior doors. Repair and replacement of glass shall be the responsibility of the Lessee as well as the repair of all damage to the premises (exterior or interior) caused by improper maintenance or replacement of equipment required to be maintained or replaced by Lessee as herein provided. Lessee shall keep all electric signs, and lighting from dusk until dawn every day, including Sundays and holidays. Lessee shall be held fully responsible for any and all damages, losses, and expense in any manner incurred by Lessor for any damage caused to the facility by the acts or omissions of Lessee or its agents, representatives, contractors, and employees. All pest control, including termite control and protection, shall be the responsibility of Lessee. Lessee is to keep in good repair all of the interior portions of its Premises including all plumbing lines and fixtures, floor coverings, ceilings, hot water heaters, electrical fixtures, electrical wiring, and upon termination hereof agrees to deliver to Lessor the Premises in as good a condition as accepted hereunder with the exception of usual wear and tear. Lessee has inspected the Premises and accepts the Premises in its "as is" condition on the date hereof unless by separate written agreement or by further provision herein alterations to be made by Lessor are specifically set forth and agreed to by both parties. In the case of utilities, Lessee's responsibility for repair shall include all meters servicing the Premises and all service lines,

plumbing lines, and wiring from said meters to the Premises. If Lessee fails to promptly perform any maintenance or repair required to be performed by it under this Section and Section 5, TENANT'S INSTALLATION, Lessor may do so upon reasonable notice to Lessee, in which event Lessee shall reimburse Lessor for its cost incurred.

9. **ALTERATIONS.** Lessee, at its sole cost and expense, may alter or remodel the Premises in connection with the operation of its business, provided the structural strength of exterior appearance of the facility is not impaired and subject to Lessor's written approval. Lessee may place in the Premises such fixtures and equipment as it shall deem desirable and may remove from the premises at any time any or all equipment, fixtures, or property; provided, however, that any permanent improvements, including wall to wall carpeting, placed therein by Lessee shall become the property of the Lessor and provided that any damage caused to the Premises by the removal of any property shall be repaired by the Lessee at its sole expense. See Section 22, SURRENDER OF PREMISES.
10. **LIABILITY.** Lessor shall not be liable for any damages to the Premises of whatsoever nature unless the same results directly from Lessor's negligence. All personal property of any kind or description whatsoever in the Premises shall be at the Lessee's sole risk, and the Lessor shall not, under any condition, be liable for any damage done to, or loss of, such personal property. Lessee shall take good care of the Premises but shall not be liable for any general damage to the premises which may be caused by or arise out of ordinary usage, deterioration or casualty excepting only that damage which is directly caused by Lessee's negligence or Lessee's invitees.
11. **DEFAULT.** The following shall be defaults under this Lease:
 - a. Failure by Lessee to pay any rent or other amount when due hereunder within ten (10) days after Lessee's receipt of written notice of non-payment, provided however, Lessor shall not be required to give notice of non-payment on more than two occasions during any calendar year. For each written notice of default that Lessor sends to Lessee in connection with Lessee's breach of any obligation or condition of this Lease, Lessee shall pay to Lessor, as additional rent, the sum of \$50.00 (subject to increase over the term), due and payable by Lessee together with the next due installment of base rent;
 - b. Failure by Lessee to perform or observe any other provision of this Lease for more than 20 days after written notice of such failure, except that Lessee shall not be in default if Lessee commences corrective action within said 20-day period and thereafter continues the same with due diligence to completion;
 - c. The bankruptcy or insolvency of Lessee, or the filing by or against Lessee of a petition in bankruptcy or for reorganization or arrangement, or the appointment of a receiver or trustee of all or a portion of Lessee's property, or Lessee's assignment for the benefit of creditors; or
 - d. Lessee shall abandon Premises, or if this Lease is taken under any writ of execution.

In such event, Lessor, in addition to all other rights or remedies it may have, shall have the right to immediately terminate this Lease and re-enter and take possession of the Premises, remove all persons and property from the Premises and store such property at Lessee's expense, all without notice or resort to legal process and without being deemed guilty of trespass or becoming liable for any loss or damage occasioned thereby. If Lessor so elects, it may sell such property at public auction or private sale and apply the net proceeds to the payment of all sums due to Lessor, if any, and pay the balance, if any, over to Lessee.

In the event this Lease shall terminate pursuant to the provisions herein Lessor, may, at its option, declare the entire amount remaining unpaid plus any and all cost incurred by Lessor for tenant improvements and/or any free rent concessions given by Lessor under this Lease Agreement immediately due and payable without notice to the Lessee. Lessee agrees to pay said amount in full plus any damages suffered by Lessor as a result of any breach of default of said Lease Agreement.

12. **CASUALTY.** It is agreed that in the event of fire or other destruction of the property whereby occupancy of the Premises by Lessee is not reasonably possible, Lessee shall be relieved of paying any payments due hereunder during the term necessary for the repair or rebuilding of the structures provided, however, in no event shall such term be more than six (6) months. In the event of an occurrence as herein stated, Lessor may at its option cancel this Lease and the same shall be null and void thereafter, or Lessor may notify Lessee within thirty (30) days from the occurrence of such event of its intent to repair or rebuild the structure. It is understood that the Premises as rebuilt will be substantially the same as at the beginning of the term hereof, and Lessee shall be responsible for all fixtures, equipment, and other items necessary for the maintenance of its business not incorporated as a part of the Premises pursuant to the terms hereof.
13. **PROPERTY LOSS AND LIEN CLAIMS.** All property kept, stored, or maintained in the Premises shall be so kept, stored, or maintained at the sole risk of Lessee. Lessee agrees to pay and discharge any mechanic's or material man's lien or other lien against the Premises or Landlord's interest therein claimed in respect of any labor, services, materials, supplies, or equipment furnished or alleged to have been furnished to or upon the request of Lessee, provided that Lessee may contest such lien claim and provided the Lessee shall first discharge the property from such lien by furnishing and filing at its own expense, in the name of the Lessee or in the name of the Lessor as may be required, a surety bond for that purpose as authorized by Title 42 Oklahoma Statutes Annotated, § 147.
14. **SUBORDINATION.** Lessee agrees that this Lease is and shall be subordinate to any bona fide mortgage which has been or which hereafter be placed upon the Premises, provided that any such mortgage shall give Lessee the right to remain in the premises under the terms of this Lease so long as Lessee is current in the performance of all of Lessee's obligations notwithstanding any default on the mortgage by Lessor. Lessee agrees to execute any documents in addition to this Lease which may be required to effectuate such subordination, and failing to do so within ten (10) days after written demand, does hereby

make, constitute, and irrevocably appoint Lessor as Lessee's attorney-in-fact and in Lessee's name, place and stead so to do. At any time and from time to time, Lessee agrees upon request in writing from Lessor to execute, acknowledge, and deliver to Lessor a statement in writing certifying that this Lease is unmodified and in full force and effect (or if there have been modifications, that the same is in full force and effect as modified and stating the modifications) and the dates to which fixed rent and other charges have been paid.

15. **LESSEE'S TAXES.** Lessee shall be liable for all taxes levied against personal property and trade fixtures placed by Lessee in or about the Premises. Lessee in this case is a governmental entity and not subject to taxes.
16. **UTILITIES.** Lessee shall, upon the execution of this Lease, have electrical utilities to the Leased premises placed in the name of Lessee and shall be solely responsible for and promptly pay all charges for electricity on, or any other utility used or consumed in the Premises.
17. **LATE CHARGE.** Lessee agrees to pay, as additional rent, a "late charge" equal to ten percent (10%) per month of the total monthly payment of rent, CAM, and other charges as herein provided when any monthly installment is paid more than ten (10) days after due date thereof. It is hereby understood that all late charges are for extra expenses incurred by the Lessor and shall not be considered interest.
18. **RIGHT OF ENTRY BY LESSOR.** Lessor may enter upon the Premises to inspect the same and to determine Lessee's compliance with the provisions of this Lease.
19. **SURRENDER OF PREMISES.** For the period of one (1) months prior to the expiration of the term of this Lease, Lessor shall have the right to display on or about the Premises the customary sign "FOR LEASE" and during such period Lessor may show the Premises and all parts thereof to prospective tenants during normal business hours. By not later than 5:00 p.m. on the last day of the term of this Lease, any renewal or extension thereof, or agreed upon holdover period, Lessee shall peaceably surrender the Premises in good order, condition, and repair, broom-clean, and reasonable wear and tear only excepted. Lessee shall, at such time and at its expense, provide Lessor with written certification from a licensed heating and air conditioning contractor, approved in writing by Lessor, that all HVAC equipment is in good operating condition and that no exceptions to such condition exist including weather conditions and temperature. Lessee shall, at its expense, remove its trade fixtures (not including floor covering and lighting fixtures and equipment) and signs from the Premises and any property not removed shall be deemed abandoned unless Lessor specifically requires such removal. All permanent improvements such as partitions, etc., shall remain the property of Lessor unless Lessor specifically requests such improvements to be removed. All damage caused by any removal of any kind shall be repaired by and at Lessee's expense. All damage other than normal wear and tear to floor, walls, ceiling, light fixtures, plumbing and electrical systems shall be repaired by and at Lessee's expense.

Lessee shall indemnify Lessor against loss, liability, or expense resulting from delay by Lessee in surrendering the Premises, or failure to leave the Premises in the condition required hereunder including but not limited to claims made by any succeeding Lessee founded on such delay.

20. **NOTICES.** Any notice required or permitted by this Lease to be given shall be deemed to have been given if deposited in any U.S. Post Office with postage for certified mail prepaid, and addressed as follows:

To Lessee:

To Lessor:

CITY OF BARTLESVILLE

401 Johnstone Ave.

Bartlesville, Oklahoma 74003

21. **MISCELLANEOUS.** Notwithstanding anything contained in the Lease to the contrary, Lessee shall lease and accept the Premises pursuant to this Lease, in its present "as-is" condition, with all faults, and acknowledges that Lessor has not made any representations or warranties regarding the condition, state of repair, fitness or merchantability of the Premises or any component part thereof. Lessee further acknowledges that Lessor has not agreed to make any repairs, improvements, alterations or betterments to the Premises as a condition to or in connection with the Lease. Without limitation, Lessor has not made any representations, warranties or agreements with Lessee, with respect to any of the fixtures, furniture, equipment and other tangible personal property presently located within the Premises, which Lessee has acquired from Lessor. Lessor shall have no liability or obligation whatsoever unto Lessee resulting from the removal of any of such fixtures, furniture, equipment and other tangible personal property from the Premises.

This agreement comprises the full understanding between the parties, and no modification of the terms hereof shall be binding on either party unless reduced to writing and signed by both parties hereto. All provisions hereof shall be binding and inure to the benefit of the heirs, trustees, legal representatives, successors and assigns of both parties. Lessee does not have the right to assign its interest hereunder or to sublet the Premises without prior written approval of Lessor.

IN WITNESS WHEREOF, the Lessor and Lessee have duly executed and affixed their hands and seals to this Lease on the day and year hereinabove first written.

CITY OF BARTLESVILLE,
a Municipal Corporation

BY: _____

BY: _____

Mayor-“Lessor”

“Lessee”

Attest:

Approved as to form:

City Clerk

City Attorney

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Presentation on the long-term water supply options at Hulah Lake, Copan Lake, Ada-Vamoosa Aquifer and Kaw Lake.

Attachments:

Kaw Lake Water Supply Study

II. STAFF COMMENTS AND ANALYSIS

In September 2023, the Water Resources Committee decided to further investigate the water supply options at Hulah Lake, Copan Lake, the Ada-Vamoosa Aquifer and Kaw Lake. The goal is to add between 10 to 16 million gallons per day (MGD) of water to secure the City's water supply for the next 75 to 100 years. Below is the current status of the investigations into these options.

Hulah Lake – Reallocate up to 10% of the lake's flood control storage to water supply, as recommended by a 2007 Planning Assistance to States Study conducted by the US Army Corps of Engineers (COE). This 10% reallocation would provide an additional 10 million gallons per day (MGD) of water. The reallocation process can only be performed by the COE. In November 2023, the City requested a reallocation study through the Planning Assistance to States (PAS) program, as recommended by the COE. In January 2024, the COE denied the request stating that reallocation studies cannot be performed through the PAS program. In February 2024, the City modify the reallocation request and submitted it to the COE. In April 2024, we met with the COE, who informed us that reallocation at Hulah was not permitted due to its Dam Safety Action Classification (DSAC) rating, which at the time was a 3. In July 2024, the City requested the DSAC reports through the Freedom of Information Act. In September 2024, the COE notified the City that Hulah Lake's DSAC score had been upgraded to a 4, based on the latest evaluation finalized in July/August 2024 – the COE updates these evaluations every 10 years, with the re-evaluation process having started in 2023. This new DSAC score now allows for reallocation. The City immediately requested a reallocation study for Hulah Lake. In October 2024, the City met with the COE regarding the reallocation request. The COE explained that a reallocation request must be authorized and funded through Congress, either via a Water Resources Development Act (WRDA) legislation or an operational budget line item. These studies typically involve a 50/50 cost share, with the overall cost of the study estimated at \$3 million. The quickest path forward would be to secure a provision in the next WRDA bill, which

is set to be introduced in 2026. If a provision is included and passed, the study could begin in 2027 and be completed between 2030 and 2033. When the City inquired about hiring an engineering consultant approved by the COE to perform the reallocation study, the response was no — only the COE is authorized to conduct these studies. Additionally, when the City asked if it could pay 100% of the costs to bypass the need for federal legislation to authorize and fund the study, the answer was also no. While the current DSAC score allows for reallocation, the COE advised that flood control reallocation at Hulah will be complex, as it could negatively affect Hulah's DSAC rating, effectively nullifying the reallocation. If reallocation were to occur without adversely affecting the DSAC rating, the City would be responsible for all costs associated with the environmental and recreational mitigation resulting from raising the water level. The path forward requires federal legislation for a reallocation study including an environmental and a mid-cycle DSAC evaluation. City staff will continue working with Oklahoma's federal delegation to prepare and submit the necessary language for the next WRDA bill in 2026

Copan Lake – Two items are being investigated. The first is to secure the remaining 2 MGD of water storage that is currently reserved for the Town of Copan. Federal legislation was approved in 2022 to facilitate this acquisition. However, the COE's interpretation of the price structure contained in the legislation resulted in a price that was unaffordable to pursue. In 2020, under the WRDA legislation passed in 2018, the City of Bartlesville purchased 1 million gallons per day (MGD) of water storage at Copan Lake for \$205,000. However, the Army Corps of Engineers' interpretation of the 2022 WRDA legislation led to a significant increase in the cost for the remaining 2 MGD of water storage, with the price rising to around \$5.3 million, far exceeding the anticipated cost of approximately \$500,000. Fortunately, the 2024 WRDA legislation has passed, effectively closing this loophole and bringing the cost of the remaining 2 MGD of water storage back down to the expected \$500,000. This bill has been sent to President Biden for signature.

The other item being investigated is the option, recommended by a 2007 Planning Assistance to States Study conducted by the COE, to reallocate up to 10% of the lake's flood control storage to water supply. 10% reallocation will provide an additional 8 million gallons of water per day. This effort has mirrored those documented for Hulah Lake, with the difference being the DSAC rating. In 2023, the COE released the DSAC ratings from the re-evaluation of Copan Lake, and the rating remained at a 3, meaning it is not eligible for reallocation. The path forward will require multiple rounds of federal legislation to fund studies that evaluate potential improvements needed downstream and/or at the dam to raise the DSAC rating, which would facilitate reallocation. Additionally, legislation will be needed for a reallocation and environmental study.

Ada-Vamoosa Aquifer – This is a major aquifer located in central Osage County close to the City owned Hudson Lake. Staff was able to locate studies that determined water quality and yield in the area of interest. Results of those studies indicate that water is compatible with our treatment system and can yield a maximum theoretical production of 39 gallons per minute per well. 25 wells could produce a maximum of 1.4 million gallons per day and would require at least 700 acres for a well field, with wells spaced 1/4 mile apart. To access the groundwater, the City would either need to own the land above the aquifer or lease the water rights from the landowner. The conceptual cost estimate for obtaining 1.4 million gallons per day of water from the aquifer is \$12.8 million. However, a detailed study on the feasibility of securing either the land or water rights for this option has not yet been conducted. If this option is pursued, a property investigation will need to be carried out, along with the drilling of several test wells to confirm yield and model the impacts of the well field. The estimated cost for these preliminary tasks is between \$600,000 and \$1 million.

Kaw Lake – In February 2024, the City Council approved a professional services contract with S2 Engineering to assess the compatibility of Kaw Lake’s water with the City’s existing treatment system. The contract also tasked S2 Engineering with providing several options for a pump station and pipeline alignment, along with project cost estimates for three flow scenarios: 14, 18, and 22 million gallons per day – there are 38 million gallons per day of water rights available for purchase. The study has been completed, and the final report is attached. The findings will be presented to the City Council for review.

III. BUDGET IMPACT

N/A

IV. RECOMMENDED ACTION

None. However, staff will present recommendations to the Water Resources Committee within the next month regarding possible next steps.

KAW LAKE WATER SUPPLY STUDY

CITY OF BARTLESVILLE, OKLAHOMA

DECEMBER 2024



Prepared By:



OK CA 5077 Exp. 6/25
8556 E. 101st Street, Suite D, Tulsa, OK 74133

ABBREVIATIONS

Abbreviation	Description
AFY	Acre-Feet per Year
BMA	Bartlesville Municipal Authority
CaCO ₃	Calcium Carbonate
CEC	Constituents (Contaminants) of Emerging Concern
cfs	Cubic feet per second
CRWPS	Caney River Raw Water Pump Station
CWWTP	Chickasaw Wastewater Treatment Plant (City of Bartlesville)
DBP	Disinfection By-Products
DEQ	Department of Environmental Quality (Oklahoma)
DPR	Direct Potable Reuse
EA	Environmental Assessment
FOA	Funding Opportunity Announcement
FS	Feasibility Study
FY	Fiscal Year
GAC	Granular activated carbon
GenX	GenX chemicals are considered a replacement for PFOA
HFPO-DA	Hexafluoropropylene oxide dimer acid
HQW	High Quality Water
IPR	Indirect Potable Reuse
MG, MGD	Million Gallons, Million Gallons per Day
MIB	2-Methylisoborneol
NPDWR	National Primary Drinking Water Regulation
NTU, ntu	Nephelometric turbidity unit
O&M	Operation & Maintenance
OAC	Oklahoma Administrative Code
OCWP	Oklahoma Comprehensive Water Plan
ODEQ	Oklahoma Department of Environmental Quality
OPDES	Oklahoma Pollutant Discharge Elimination System (Permit)
ORW	Outstanding Resources Water
OWQS	Oklahoma Water Quality Standards
OWRB	Oklahoma Water Resources Board
PAC	Powder activated carbon
PAS	Planning Assistance to States

PFBS	Perfluorobutane sulfonic acid
PFHxS	Perfluorohexanesulfonate
PFNA	Perfluorononanoic acid
PFOS / PFOA	Perfluorooctane sulfonate / perfluorooctanoic acid
POD	Point of Discharge
QA/QC	Quality Assurance / Quality Control
RWD	Rural Water District
S2E	S2 Engineering, PLLC
T&O	Taste and Odor
TMDL	Total maximum Daily Load
TN	Total Nitrogen
TNC	The Nature Conservancy
TOC	Total organic carbon
USACE	U.S. Army Corps of Engineers
USBR	U.S. Bureau of Reclamation
USEPA, EPA	U.S. Environmental Protection Agency
USFW	U.S. Fish and Wildlife Service
USGS	US Geological Survey
WLA	Waste Load Allocation
WQ	Water Quality
WTP	Water Treatment Plant
WWTP	Wastewater Treatment Plant

EXECUTIVE SUMMARY 9

INTRODUCTION 9

KAW LAKE WATER QUALITY AND AVAILABILITY 9

KAW WATER QUALITY 9

KAW LAKE WATER RIGHTS AND STORAGE FEE..... 10

KAW LAKE INTAKE EVALUATION 11

INTAKE LOCATIONS..... 11

INTAKE TYPES..... 13

PERMIT REQUIREMENTS 13

PIPELINE ALIGNMENT 13

ALIGNMENT 13

PIPE SIZE AND MATERIAL 14

PERMITS 14

CONCEPTUAL COST ESTIMATES 17

INITIAL PROJECT COST ESTIMATE..... 17

ANNUAL OPERATION AND MAINTENANCE (O&M) SUMMARY..... 17

1.0 KAW LAKE WATER QUALITY EVALUATION 18

1.1 INTRODUCTION 18

1.2 WATER QUALITY DATA GATHERING 18

 1.2.1 *OKLAHOMA WATER RESOURCES BOARD (OWRB)* 18

 1.2.2 *OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ)*..... 18

 1.2.3 *US GEOLOGICAL SURVEY (USGS)* 20

 1.2.4 *US ARMY CORPS OF ENGINEERS (USACE)* 20

 1.2.5 *KAW NATION ENVIRONMENTAL DEPARTMENT* 22

 1.2.6 *CITY OF STILLWATER* 23

 1.2.7 *CITY OF ENID* 24

 1.2.8 *CITY OF PONCA CITY*..... 25

1.3 KAW LAKE DESCRIPTION, WATER QUALITY AND AVAILABILITY 26

 1.3.1 *KAW LAKE DESCRIPTION* 26

 1.3.2 *KAW LAKE STORAGE FEE AND WATER RIGHTS*..... 28

1.4 BARTLESVILLE EXISTING WATER SUPPLY 29

 1.4.1 *CURRENT WATER SUPPLY SOURCES*..... 29

 1.4.2 *EXISTING WATER SUPPLY QUALITY*..... 31

1.5 EVALUATION OF KAW LAKE WATER QUALITY IMPACTS ON BARTLESVILLE TREATMENT PLANT 34

 1.5.1 *PH* 34

 1.5.2 *TURBIDITY*..... 34

 1.5.3 *ALKALINITY*..... 34

 1.5.4 *HARDNESS* 35

 1.5.5 *TOTAL ORGANIC CARBON (TOC)* 36

1.5.6 TOTAL DISSOLVED SOLIDS (TDS)	37
1.5.7 OTHER POLLUTANTS OF CONCERN	37
1.6 CONCLUSIONS AND RECOMMENDATIONS	38
2.0 KAW LAKE INTAKE EVALUATION	39
2.1 INTRODUCTION	39
2.2 INTAKE DESIGN REQUIREMENTS	39
2.3 CITY OF STILLWATER INTAKE	40
2.4 CITY OF ENID INTAKE	41
2.5 KAW LAKE NEW INTAKE LOCATIONS EVALUATION	42
2.5.1 POTENTIAL NEW INTAKE LOCATIONS	42
2.5.2 INTAKE LOCATION LOCATIONS COMPARATIVE EVALUATION SUMMARY	52
2.6 EVALUATION OF INTAKE TYPES	53
2.6.1 SUBMERGED INTAKE WITH ONSHORE PUMP STATION (TYPE 1)	53
2.6.2 FREE STANDING INTAKE (INTAKE TOWER) WITH ONSHORE PUMP STATION (TYPE 2)	54
2.6.3 FREE STANDING INTAKE TOWER COMBINED WITH PUMP STATION (TYPE 3)	55
2.6.4 FLOATING INTAKE COMBINED WITH PUMP STATION (TYPE 4)	57
2.6.5 COMPARATIVE EVALUATION OF INTAKES	57
2.6.6 PERMIT REQUIREMENTS	58
3.0 PIPELINE ALIGNMENT	59
3.1 INTRODUCTION	59
3.2 ALIGNMENT DESCRIPTIONS	59
3.2.1 ALIGNMENT 1	59
3.2.2 ALIGNMENT 2	72
3.2.3 PIPELINE SPURS	78
3.3 PIPELINE HYDRAULICS	79
3.3.1 PIPE SIZE SELECTION	79
3.3.2 PIPE MATERIAL	79
3.3.3 ALIGNMENT 1 HYDRAULICS	80
3.3.4 ALIGNMENT 2 HYDRAULICS	81
3.3.5 OTHER HYDRAULICS CONSIDERATIONS	82
3.3.6 PERMITS	82
4.0 CONCEPTUAL LEVEL COST ESTIMATE	83
4.1 KAW LAKE STORAGE FEE	83
4.2 OWRB WATER USE PERMIT FEE (WATER RIGHTS)	83
4.3 OSAGE MINERAL COUNCIL	83
4.4 KAW LAKE INTAKE AND PUMP STATION	83
4.5 PIPELINE CONVEYANCE	84
4.6 TOTAL CONCEPTUAL COST ESTIMATE	85

4.7 OPERATION AND MAINTENANCE COST CONSIDERATIONS	87
4.7.1 PIPELINE O&M COSTS	87
4.7.2 INTAKE PUMP STATION O&M COSTS	87
4.7.3 WATER TREATMENT PLANT O&M COSTS	87
4.7.4 O&M COSTS SUMMARY	87
Table 1-1 Kaw Lake 2021 USACE Sampling Date- Spatial Variation	21
Table 1-2 Kaw Lake Physical and Flow Characteristics	27
Table 1-3 Kaw Lake Historical Siltation Summary	27
Table 1-4 Kaw Lake Water Rights Summary	28
Table 2-1 Intake Comparative Evaluation	57
Table 4-1 Intake Conceptual Cost Estimate (Intake Location C)	84
Table 4-2 Intake Pump Station Conceptual Cost Estimate (14 MGD, 18 MGD and 22 MGD)	84
Table 4-3 Pipeline Conveyance Conceptual Cost Estimate	85
Table 4-4 Total Conceptual Cost Estimate	86
Table 4-5 Annual O&M Costs Summar	88
Figure 1-1: Kaw Lake BUMP Report (Oklahoma Water Resources Board)	19
Figure 1-2 Kaw Lake 2021 Sampling Sites (USACE)	20
Figure 1-3 Kaw Lake Secchi Disk Depth Measurement (2013-2015)	22
Figure 1-4 Kaw Lake Secchi Disk Depth Measurement (2013-2015)	23
Figure 1-5 Stillwater Raw Water Conveyance System	24
Figure 1-6 City of Enid Kaw Lake Raw Water Conveyance System	25
Figure 1-7 Ponca City Well Field Collector Pipeline	26
Figure 1-8 Kaw Lake Watershed	26
Figure 1-9 Bartlesville's Existing Water Supply	31
Figure 1-10 Bartlesville Raw Water Quality (Hudson Lake and Caney River)	33
Figure 1-11 pH, Alkalinity and Turbidity Comparison- Kaw v Hudson v Caney River	34
Figure 1-12 pH, Alkalinity and Hardness Comparison- Kaw v Hudson v Caney River	35
Figure 1-13 pH, Total organic carbon (TOC) Comparison- Kaw v Hudson v Caney River	36
Figure 2-1 Stillwater Intake Pipe Schematic	40
Figure 2-2 Kaw Lake Intake Pipe for Stillwater and Ponca City	40
Figure 2-3 Enid Kaw Lake Intake Location and Pump Station Profile	41
Figure 2-4 Kaw Lake Bathymetric Survey Contour and Potential Intake Locations	43
Figure 2-5 Intake Location A Layout Concept	45
Figure 2-6 Intake Location B Layout Concept	47
Figure 2-7 Intake Location C Layout Concept	49
Figure 2-8 Intake Location D Layout Concept	51
Figure 2-9 Submerged Intake with Offshore Pump Station	53

<i>Figure 2-10 Intake Tower with Offshore Pump Station.....</i>	<i>54</i>
<i>Figure 2-11 Intake Tower Combined with Pump Station</i>	<i>55</i>
<i>Figure 2-12 Floating Intake Combined with Pump Station</i>	<i>57</i>
<i>Figure 3-1 Overview of Alignments 1 and 2.....</i>	<i>59</i>
<i>Figure 3-2 Alignments 1 and 2 (Sheet 1 of 3)</i>	<i>61</i>
<i>Figure 3-3 Alignments 1 and 2 (Sheet 2 of 3)</i>	<i>62</i>
<i>Figure 3-4 Alignments 1 and 2 (Sheet 3 of 3)</i>	<i>63</i>
<i>Figure 3-5 Alignments 1 and 2-Crossing of Waterbodies and Potential Wetlands.....</i>	<i>64</i>
<i>Figure 3-6 Alignments 1 and 2-OWRB Groundwater Wells Data Search</i>	<i>65</i>
<i>Figure 3-7 Osage County Rural Water System Along the Alignments.....</i>	<i>66</i>
<i>Figure 3-8 Alignment 1- Environmental Database Search - Corridor Map.....</i>	<i>71</i>
<i>Figure 3-9 Alignment 1 Crossing Natural reserve</i>	<i>72</i>
<i>Figure 3-10 Alignment 2- Environmental Database Search - Corridor Map.....</i>	<i>77</i>
<i>Figure 3-11 Alignment Spurs to Intake Locations</i>	<i>78</i>

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EXECUTIVE SUMMARY

INTRODUCTION

The City of Bartlesville through its Water Resources Committee (WRC) is investigating additional water supply options and has identified Kaw Lake as a potential long-term raw water supply alternative. Currently, Bartlesville does not have either water rights or infrastructure necessary to convey Kaw Lake water to Bartlesville. S2 Engineering, PLLC (S2E) was contracted to provide professional engineering services to determine estimated costs to access and convey water from Kaw Lake to Bartlesville's Hudson Lake, which is the scope of this project.

Key assumptions related to the project are as follows:

- The Kaw Lake water supply system must be able to provide a minimum of 14 mgd with options for 18 mgd and 22 mgd as established by Bartlesville.
- Bartlesville completed a study in 2007 through the U.S. Army Corps of Engineers that included the Kaw Lake as a potential supply alternative. The findings from this study will be updated and included in the project as an alternative.

This study evaluated Kaw water supply in terms of its water quality, intake locations, intake pump stations and the pipeline conveyance system need as summarized below.

KAW LAKE WATER QUALITY AND AVAILABILITY

KAW WATER QUALITY

Section 1 of the report covers water quality data collection, analysis, and a comparative evaluation with the existing Hulah and Caney River water supplies to assess any significant impact to Bartlesville's water treatment plant process.

City of Stillwater has been using Kaw water as its primary supply for more than 30-years, and City of Enid has recently completed new pipeline to Kaw as a supplemental source. S2E and Bartlesville staff consulted and gathered useful data from Stillwater and Enid. In addition, available data from the Oklahoma Water Resources Board, US Army Corps of Engineers, Oklahoma Department of Environmental Quality, US Geological Survey, and the Kaw Nation Environmental Department were gathered and used in the analysis.

The conclusions of the analysis are as follows:

- **Conventional Parameters.** In terms of conventional parameters (pH, turbidity, alkalinity, hardness, total organic carbon, total dissolved solids), Kaw water quality is comparable to Bartlesville's existing Hulah and Caney water supplies, and therefore, it should not have significant impact to the existing water treatment plant process and operational costs.
- **Other Pollutants of Concern.** As to the presence of other pollutants (PFAS, CECs, etc.) of concern, very limited data was available for this study. Kaw Lake drainage basin is large

extending from Oklahoma, to Kansas, Colorado, and a small portion of New Mexico with well established aerospace, military, and other industrial complexes. There is limited data available for this study for the Kaw Lake to make an evaluation for these pollutants. However, if Bartlesville decides to pursue the Kaw Lake supply, we recommend Bartlesville to include more detailed evaluation for these pollutants including sampling from Kaw Lake.

KAW LAKE WATER RIGHTS AND STORAGE FEE

Based on information obtained from the OWRB, the following summarizes the water supply pool with existing water rights permit and volume still available for allocation. As summarized, approximately 37,637 acre-feet (33.6 mgd) is available for allocation.

Permit #. Permit Holder	Primary Purpose	Total Authorized (Acre Feet)	2022 Actual Water Use
19690327 Newkirk, City of	Public Water Supply	1,124.0	
19720491 Stillwater, City of	Public Water Supply	56,210.0	8,110.3
19730235 Oklahoma Gas & Electric Company	Power	40,000.0	19,134.2
19810180 Kaw Reservoir Authority	Public Water Supply	14,159.0	
19870031 Tonkawa, City of	Public Water Supply	2,800.0	
19910018 Otoe-Missouria Tribe	Public Water Supply	200.0	
19930034 Ponca City, City of	Public Water Supply	14,031.0	1,683.5
20030001 Perkins PWA	Public Water Supply	879.0	
20140047 City of Enid	Public Water Supply	20,000.0	
		149,403.00	28,928.0
TOTAL WATER SUPPLY STORAGE (YIELD)		187,040.00	
TOTAL AMOUNT LEFT FOR ALLOCATION		37,637.00	

Kaw Lake is a federally owned and operated lake, managed by the USACE. But the surface water rights are granted by the State of Oklahoma through the Oklahoma Water Resources Board (OWRB). USACE sets the storage fee and the approval process for any infrastructure construction at the lake. OWRB controls the water rights and requires a prescribed process to secure such rights.

Based on information obtained from the USACE, the current cost of the available water supply storage at Kaw Lake is \$46,163,683 for 46,186 acre-feet of storage, or approximately \$999.52 per acre-foot. As of July 17, 2024, the USACE provided the following for storage fee. These are estimates at this point in time, and accrued interest continues to rise so these are not fixed prices but will vary in the future.

- For 14 MGD, 15,638 acre-feet, Storage Fee =\$16,009,089*
- For 18 MGD, 20,164 acre-feet, Storage Fee =\$20,642,491*

- For 22 MGD, 24,644 acre-feet, Storage Fee = \$25,228,802*

*Plus, annual maintenance cost share as determined by USACE

KAW LAKE INTAKE EVALUATION

INTAKE LOCATIONS

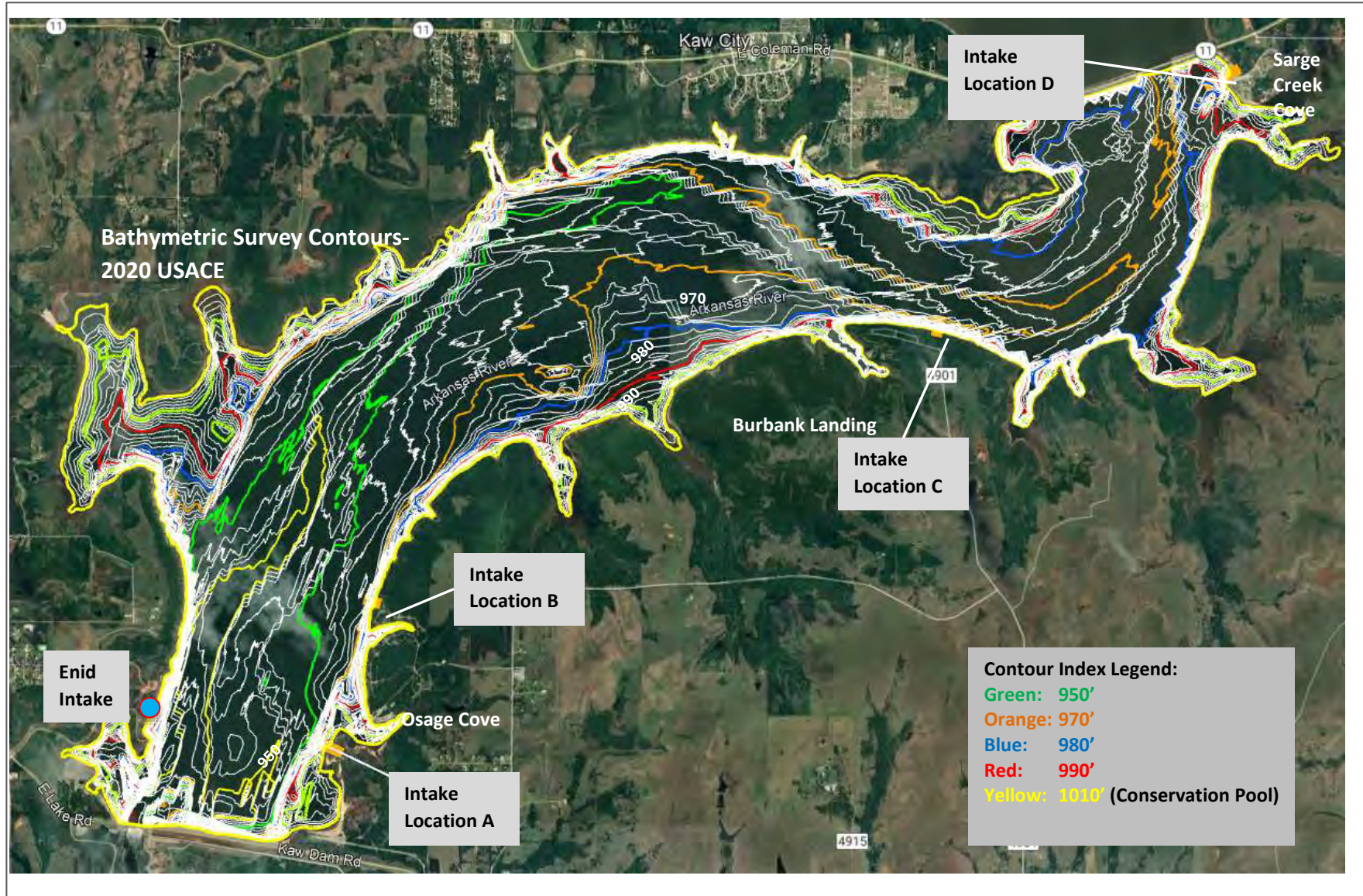
Section 2 covers the Kaw Lake intake location evaluation. The original Kaw Lake and dam structure included two sluice gates that are used for hydroelectric power generation by the Oklahoma Municipal Power Authority (OMPA). These sluice gates are not available for water supply. There is also a 48-inch-diameter water supply pipe located in the right non-overflow section that currently serves the City of Stillwater. This is a single level intake located at an elevation of 970.0 feet which is below the inactive pool elevation. The 48" supply line is originally intended for the Kaw Lake Water Authority for the benefit of the City of Stillwater and the City of Ponca City. Stillwater has a connection from the 48" supply to its pump station from where it is pumped to their water treatment plant. Ponca City has a connection to this line but does not have connecting conveyance system to its treatment plant. This intake has limited capacity beyond Stillwater and Ponca City water rights, and therefore, connection to the intake was not included in the analysis.

City of Enid is constructing a new intake structure on the west bank of Kaw Lake. This intake consists of a submerged three-level intake screens connected to a 42" common pipe header that connects to the 72" micro tunnel that extends approximately 500-feet to a new shore intake concrete well (35-foot diameter) and pump station with three vertical turbine pumps. A 30-inch conveyance pipe extends from the pump station approximately 70-miles to the Enid water treatment plant. Initial information gathered from Enid indicates that the intake pump station is dedicated for meeting Enid's long term needs and their obligation to the Osage Nation, and there is not additional capacity to meet Bartlesville's long term needs.

In 2020 USACE completed bathymetric survey for Kaw Lake. This information was used to identify and evaluate four potential intake locations. These four intake locations were evaluated based on water quality, water depth, proximity to shoreline, permitting, constructability and operation and maintenance considerations. Based on this evaluation Location C was selected as the most optimal location.

Figure ES-1 shows the four locations as well as the 2020 USACE bathymetric survey information.

Figure ES-1 Kaw Lake Bathymetric Survey Contour and Potential Intake Locations



INTAKE TYPES

The conveyance of water from Kaw Lake to Bartlesville Lake Hudson will require new intake and pumping facilities. Four types of intakes were evaluated : Submerged Intake with Onshore Pump Station, Intake Tower with Onshore Pump Station, Intake Combined with Pump Station and Floating Intake Combined with Pump Station. Comparative evaluation of these four intakes is provided in Section 2.6. Based on this evaluation and input from Bartlesville staff, Submerged Intake with Onshore Pump Station was selected for this study.

PERMIT REQUIREMENTS

For any new intake structure at the Kaw Lake, the following permit requirements will be applicable:

- Section 408 Permit. The proposed intake locations are within the US Government land around the Kaw Lake. Section 408 permit administered by the USACE will be required for alterations proposed within the lands and real property interest of the USACE.
- Section 404 Permit. Section 404 permit administered by the USACE will be required for discharge of dredging or filling material into any waters of the USA, including wetlands.
- Section 10 Permit. Section 10 permit under the Rivers and Harbors Act of 1899 may be required for activities in navigable waters such as dredging, construction of docks and bulkheads and placing aids to navigation.
- Section 401 Water Quality Certification. Section 401 Water Quality certification by the state will be required. Under Section 401 of the Clean Water Act (CWA), a federal agency may not issue a permit or license to conduct any activity that may result in any discharge into waters of the United States unless a Section 401 water quality certification is issued, or certification is waived. States and authorized tribes where the discharge would originate are generally responsible for issuing water quality certifications.
- Water Rights Permit. Bartlesville currently does not have any water rights on Kaw Lake. Storage rights and water rights from the United States Army Corps of Engineers(USACE) and the Oklahoma Water Resources Board (OWRB), respectively, will be required to access water at Kaw Lake. In addition, there are still certain unresolved issues between the Osage Nation and the OWRB regarding water rights which may impact the new water rights.
- ODEQ Permit to Construct. For the intake infrastructure, a permit to construct from Oklahoma Department of Environmental Quality (ODEQ) will be required.

PIPELINE ALIGNMENT

ALIGNMENT

Section 3 discusses the pipeline alignments. The proposed system will convey raw water from Kaw Lake intake to a discharge point in the upper reaches of Hudson Lake at Butler Creek. The intake facilities

include an intake structure, pump station and location-specific discharge piping called “spur” piping which connect to the main pipelines.

Two alignments – Alignment 1 and 2 – were identified and evaluated. Figure ES-2 shows an overview of each alignment from the selected intake Location C.

Alignment 1 is the most remote and least accessible but is the shortest (48.7 miles). It also generally follows the alignment proposed earlier by the U.S. Corps of Engineers 2007 study.

Alignment 2 has better accessibility but longer in length (52.9 miles). The POB for Alignment 2 is at the same point as Alignment 1 just west of County Road 4901 approximately 4.5 miles east of the east abutment of the Kaw Lake dam and 0.75 miles north of Highway 60.

PIPE SIZE AND MATERIAL

The study objective is to provide a design flow of 14 million gallons per day (MGD) with options for 18 MGD and 22 MGD. A minimum 36-inch pipe size is recommended to maintain a reasonable pipe velocity. However, based on pipe pressure considerations and pump size, 42-inch is also evaluated in the analysis. For Alignment 1, 36-inch pipe size is adequate for flow up to 18 MGD but a 42-inch pipe is recommended for the 22 MGD flow option. For Alignment 2, 36-inch pipe size is adequate for flow up to 18 MGD but a 42-inch pipe is recommended for the 22 MGD flow option

For raw water transmission pipelines steel, ductile iron and concrete pipe materials are typically used. PVC or high density polyethylene pipe materials are also used in some instances but in large sizes (greater than 24”), the pressure ratings and wall thickness considerations make them less desirable. The alignment route is known to have petroleum pipeline crossings and from corrosion considerations steel bar-wrapped concrete pipe material is preferred and is assumed in the analysis.

PERMITS

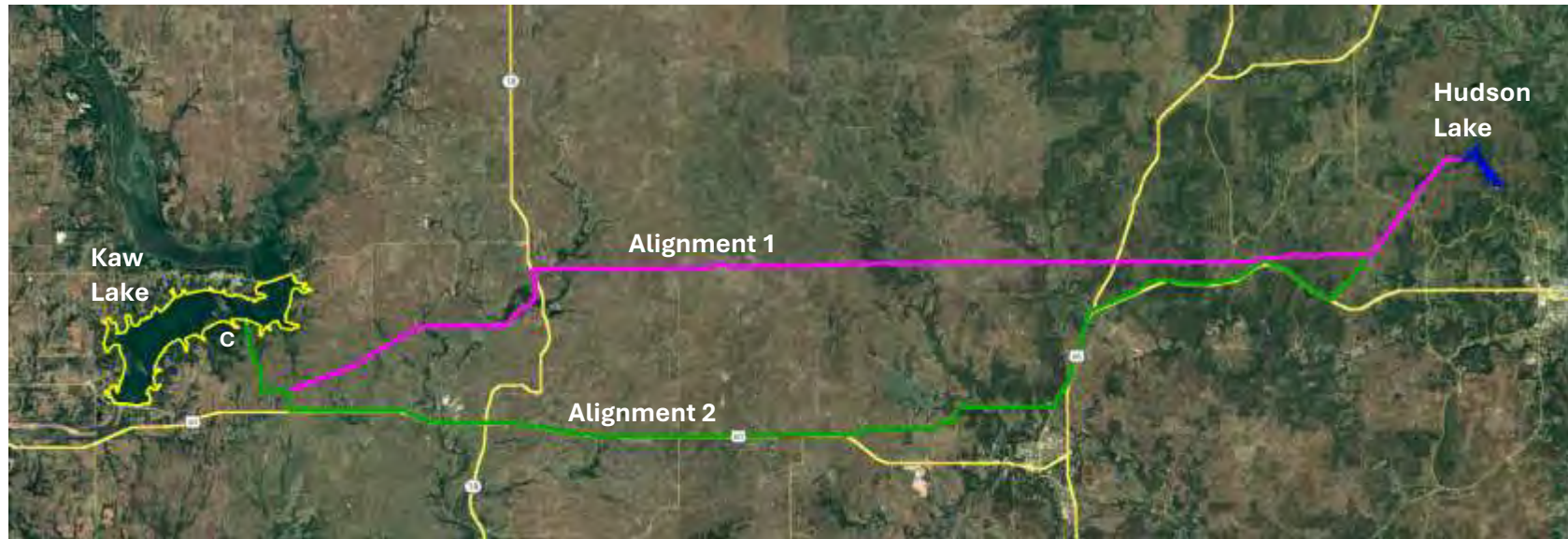
For pipeline construction, the following permits will be required:

- Section 404 Permit. Both pipeline alignments cross waterbodies and streams which are identified as potential wetlands on the national wetland maps. This will require a wetland delineation survey for each alignment to determine if such crossings are subject to wetland permits under Section 404 permit administered by the USAC. Section 404 permits for underground pipelines are somewhat simpler and covered under the Section 404 Nationwide General Permit program.
- Section 401 Water Quality Certification. Section 401 Water Quality certification by the state will be required. Under Section 401 of the Clean Water Act (CWA), a federal agency may not issue a permit or license to conduct any activity that may result in any discharge into waters of the United States unless a Section 401 water quality certification is issued, or certification is waived. For pipeline crossing, state water quality certifications are typically covered within the general permit unless any specific crossing requires an individual permit.

- Osage Mineral Council. The Osage Nation Constitution vests the Osage Minerals Council with the powers to administer and develop the Osage Mineral Estate in accordance with the Act of June 28, 1906, 34 Stat. 539, as amended. Construction of the pipeline across the Osage Nation land will require coordination and approval from the Osage Mineral Council.
- ODEQ Permit to Construct. The pipeline construction will require a permit to construct from Oklahoma Department of Environmental Quality (ODEQ).

Refer to Figure ES-2 that shows the two alignments.

Figure ES-2 Overview of Alignments 1 and 2



CONCEPTUAL COST ESTIMATES

Section 4 discusses conceptual cost estimates for both alignments. Cost estimates were developed for initial project cost as well as annual operation and maintenance (O&M) costs. Annual O&M costs were developed assuming the system is in operation or in a standby use.

INITIAL PROJECT COST ESTIMATE

In developing the cost estimate, intake Location C was assumed. Initial project cost includes securing of water rights, permitting, design and construction of the intake, pump station and the pipeline facilities for an operational system, as summarized below.

	Alignment 1 (Intake Location C)			Alignment 2 (Intake Location C)		
	48.7 Miles			52.9 Miles		
	14 MGD	18 MGD	22 MGD	14 MGD	18 MGD	22 MGD
Kaw Water Storage Fee (USACE)*	\$16,009,089	\$20,642,491	\$25,228,802	\$16,009,089	\$20,642,491	\$25,228,802
Submerged Intake Screen & Shore PS	\$46,498,000	\$49,074,000	\$51,904,000	\$46,498,000	\$49,074,000	\$51,904,000
Pipeline Conveyance	\$190,026,700	\$190,026,700	\$203,890,000	\$210,498,500	\$210,498,500	\$226,994,550
Other Costs						
Osage Mineral Council	TBD	TBD	TBD	TBD	TBD	TBD
OWRB Water Rights	TBD	TBD	TBD	TBD	TBD	TBD
Total Estimate of Probable Cost ¹	\$252,533,789	\$259,743,191	\$281,022,802	\$273,005,589	\$280,214,991	\$304,127,352

Note: * Plus, annual maintenance cost share as determined by USACE

ANNUAL OPERATION AND MAINTENANCE (O&M) SUMMARY

Annual O&M cost include intake and pipeline operations, normal maintenance and energy usage. Annual O&M was developed assuming Kaw supply is in service or in a standby mode.

	ANNUAL OPERATION AND MAINTENANCE (O&M) COST SUMMARY					
	Alignment 1 (Intake Location C)			Alignment 2 (Intake Location C)		
	48.7 Miles			52.9 Miles		
	14 MGD	18 MGD	22 MGD	14 MGD	18 MGD	22 MGD
KAW SUPPLY (IN-SERVICE)^a						
Pipeline and Breakout/One-way Tank(s)	\$43,000	\$43,000	\$43,000	\$50,300	\$50,300	\$50,300
Intake and Pump Station	\$1,362,900	\$2,041,200	\$2,137,400	\$975,600	\$1,943,800	\$2,234,900
Total (System In-Service)	\$1,405,900	\$2,084,200	\$2,180,400	\$1,025,900	\$1,994,100	\$2,285,200
KAW SUPPLY (NOT IN SERVICE)^b						
Pipeline and Breakout/One-way Tank(s)	\$43,000	\$43,000	\$43,000	\$50,300	\$50,300	\$50,300
Intake and Pump Station	\$19,300	\$25,700	\$28,900	\$16,200	\$25,700	\$28,900
Total (System Not In Service)	\$62,300	\$68,700	\$71,900	\$66,500	\$76,000	\$79,200

Notes: ^a In-Service operation assumes 24x7 operation at the flow rate shown. ^b When "Not-in-Service" pumps are assumed one day/month operation.

1.0 KAW LAKE WATER QUALITY EVALUATION

1.1 INTRODUCTION

The focus of this section is to evaluate the Kaw Lake water quality to assess its compatibility with the current treatment scheme practiced at the Bartlesville water treatment plant (WTP) that utilizes the Actiflow® process, and to determine, at a conceptual level, the need for modifications or additional treatment necessary to meet the Safe Drinking Water Act (SDWA) standards. The water quality evaluation was based on available data sources from local, state, and federal agencies.

1.2 WATER QUALITY DATA GATHERING

Available water quality data for the Kaw Lake was gathered from various agencies and sources as summarized below.

1.2.1 OKLAHOMA WATER RESOURCES BOARD (OWRB)

The 2012 Oklahoma Comprehensive Water Plan (OCWP) developed by the OWRB identifies the Kaw Lake in the Upper Arkansas Watershed Planning Region as a vital source for surface water use through the year 2050. This study identified Kaw Lake as phosphorous limited and mesotrophic in its water quality conditions. The 2012 OCWP is being updated by OWRB for anticipated final release during 2024-2025.

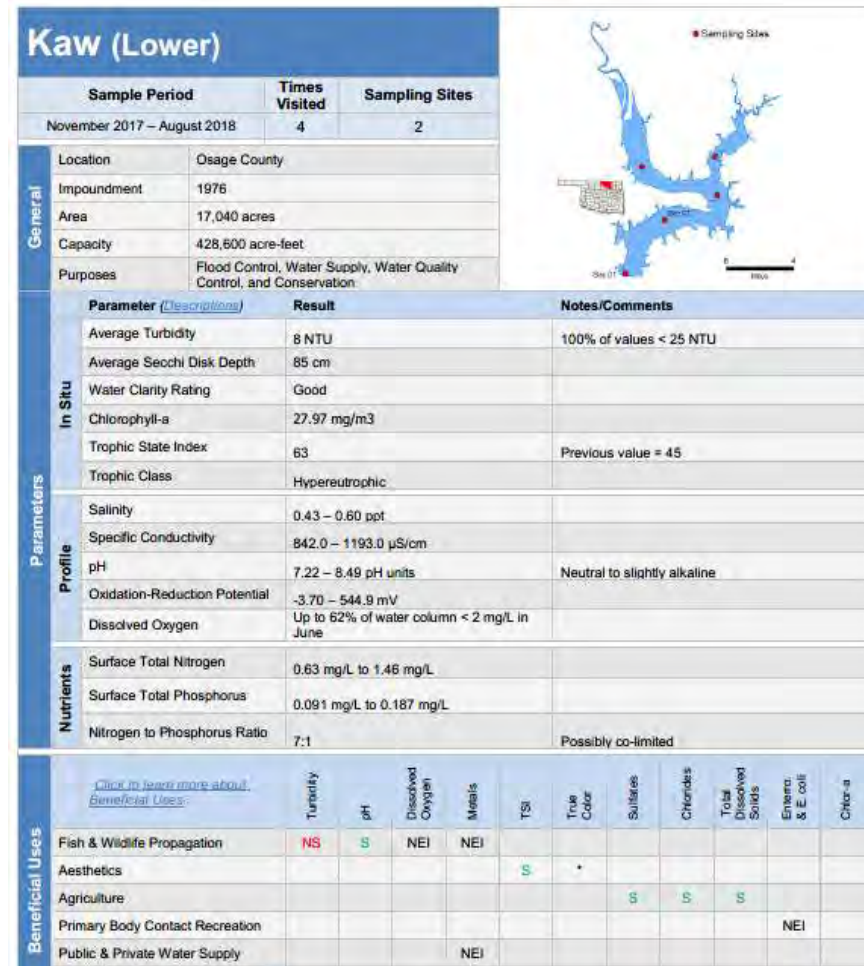
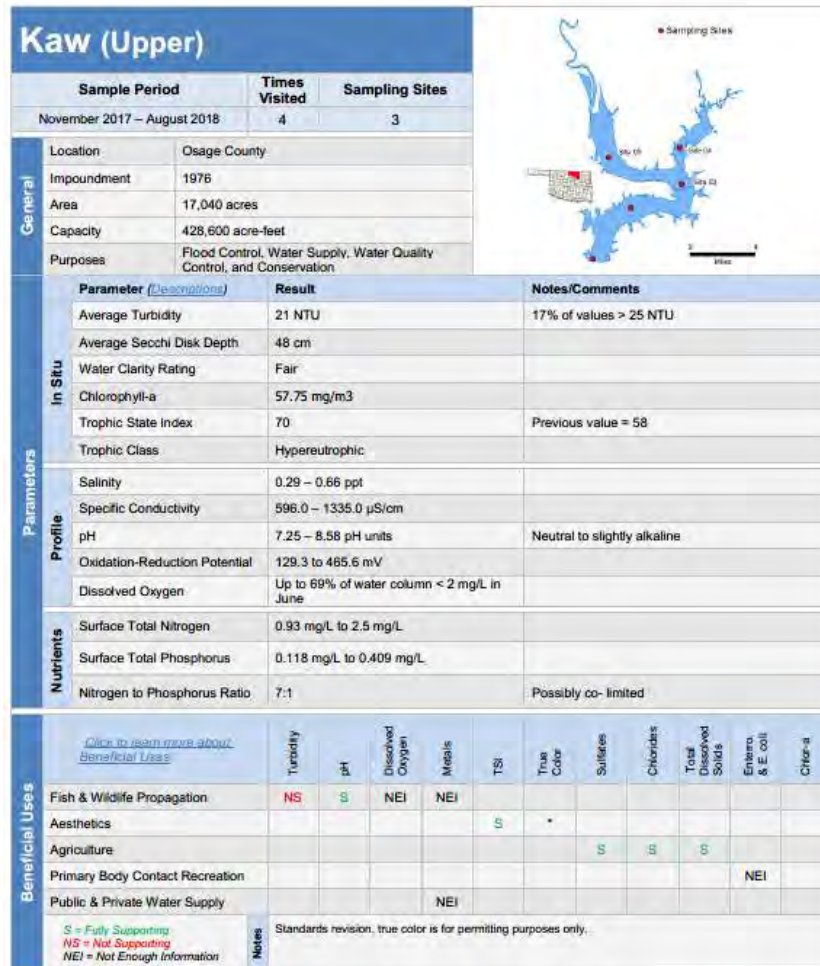
OWRB monitors Kaw Lake as part of its Beneficial Use Monitoring Program (BUMP). The latest BUMP report for Kaw Lake covers the sampling period 2017-2018 (Figure 1-1) and included 3 monitoring sites on the Kaw(Upper) and two sites on the Kaw (Lower). Kaw(Lower) generally showed better water quality characteristics in terms of turbidity, total nitrogen and total phosphorous compared to the Kaw(Upper). The average turbidity for the Kaw (Lower) was around 8 ntu compared to 21 ntu for Kaw(Upper). Similarly, surface total nitrogen and total phosphorous were lower in Kaw(Lower) compared to the levels in Kaw(Upper).

1.2.2 OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ)

The 2022 Integrated Water Quality Assessment prepared by ODEQ identifies the upper portion of Kaw Lake as impaired by turbidity affecting fish and wildlife propagation as a warm water aquatic community.

The safe drinking water information system portal maintained through ODEQ included raw water quality data for city of Stillwater that uses Kaw Lake as their water supply and this information was gathered and used in the analysis. No additional information was found in the search of ODEQ online public information domain.

Figure 1-1: Kaw Lake BUMP Report (Oklahoma Water Resources Board)

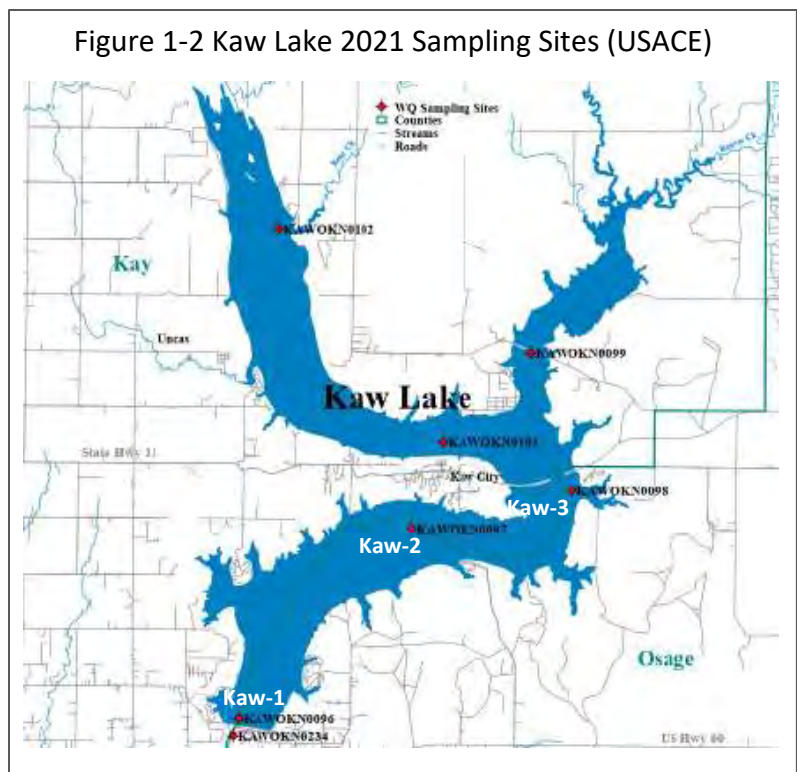


1.2.3 US GEOLOGICAL SURVEY (USGS)

There is a USGS stream monitoring location just downstream of the Kaw Lake dam but this site does not appear to be functional or actively monitored. Except for the land and topographic information in and around Kaw Lake, significant water quality information was not found in the search of USGS online domain.

1.2.4 US ARMY CORPS OF ENGINEERS (USACE)

Kaw Lake is a federally owned lake maintained and operated by the USACE. The Tulsa District of the USACE conducts routine operational water quality monitoring on Kaw Lake. In 2021 USACE collected physical and chemical water quality data monthly for the period from April 14th through September 14th. The data was used to define existing limnological conditions. In this study samples were collected from six locations (Figure 1-2) covering the lake. The Kaw Lake pool elevation was at or above the conservation pool elevation throughout the sampling period in calendar year 2021. The water quality summary based on these samplings were taken from the 2021 water quality report prepared by the USACE. Kaw Lake is physically divided by Highway 11, separating the Kaw (Lower) from the Kaw (Upper). Generally, the Kaw (Upper) is shallower in depth and lower in water quality than the Kaw (Lower). The following water quality summaries are taken from the USACE report.



Water temperatures varied seasonally from 14.8 °C to 28.3 °C, peaking in August. The lake exhibited observable thermal stratification at lower lake sampling sites starting in June and ending before September. The study period in-lake median dissolved oxygen concentration was 5.30 mg/l. Observed in-lake dissolved oxygen concentrations ranged from 0.0 to 11.48 mg/l. Lowest dissolved oxygen concentrations were observed near the dam in July and August when the bottom 32 feet to 46 feet of the water column, respectively, were hypoxic (dissolved oxygen concentration < 2 mg/l). In-lake total organic carbon (TOC) concentrations were high with a study period median of 6.92 mg/l. Observed median total organic carbon concentrations were highest at upper lake sites and gradually diminishing in the lower lake sites.

Total dissolved solids median concentration was 423 mg/l. Moderately high chloride and sulfate concentrations (medians 88.45 and 54.40 mg/l, respectively) were observed indicating other components (minerals, cations) are contributing to dissolved solids. TDS levels near sites 1, 2 and 3 varied between 220 mg/l to 590 mg/l with an average of 460 mg/l. TDS levels near sites 6 and 7 varied between 310 mg/l to 760 mg/l with an average of 490 mg/l.

Alkalinity levels (median 134.0 mg/l as CaCO₃) indicate a well-buffered system. Observed hardness levels were median 172 mg/l as CaCO₃, Observed in-lake pH varied from 7.06 to 8.46.

The lake was turbid through the sampling period. Secchi depth or index is a measure of the clarity or transparency of the water. The study period median Secchi depth was approximately 1.5 feet meters. Median Secchi depth increased from upper lake sites to the lower lake sites. In-lake median turbidity was 28.75 NTU, and 55% of all in-lake observations were greater than or equal to 25 NTU. Median total suspended solids concentrations (11.5 mg/l), decreasing from the upper lake sites to the dam site.

Lake-wide ammonia concentrations were moderate (median 0.14 mg/l), and nitrite plus nitrate concentrations were moderate to high (median 0.60 mg/l). Total Kjeldahl nitrogen concentrations (median 0.74 mg/l) were moderately high. Estimated lake-wide median total nitrogen concentration during the 2021 study was 1.25 mg/l. Total phosphorus concentrations ranged between 0.24 and 0.70 mg/l (median 0.33 mg/l). Observations of dissolved orthophosphate, median 0.19 mg/l, were moderately elevated throughout the lake. Nitrogen to phosphorus ratios (N:P) in 2021 were <10 (median 3.9), indicating a tendency toward limited nitrogen availability.

Chlorophyll-*a* concentrations (in-lake) ranged from 2.8 to 70.8 µg/l, with a median concentration of 10.75 µg/l.

Total iron (median 0.31 mg/l) and manganese (median 0.07 mg/l) concentrations were moderately high. Reportable concentrations of arsenic were found in all in-lake samples collected with a median concentration of 0.0044 mg/l. Reportable concentrations of chromium, copper, nickel, and zinc were noted in all in-lake samples. Detectable lead concentrations were found in 92% of in-lake samples collected. One of 60 observations revealed a detectable concentration of mercury. With respect to manganese, turbidity and Hardnes, Kaw-2 and Kaw-3 locations exhibit a better quality compared to Kaw-1. In other words, the middle and upper part of Kaw (Lower) exhibits better quality.

For the purpose of locating a new intake for Bartlesville within the Kaw (Lower), sampling data from Kaw-1, Kaw-2 and Kaw-3 sample sites are compared for some key water quality parameters as summarized in Tabe 1-1. Site KAW-2 showed relatively better water quality compared to the other two locations.

Table 1-1 Kaw Lake 2021 USACE Sampling Date- Spatial Variation

Parameters	KAW-1	KAW-2	KAW-3
Hardness, mg/l	208.5	201	178
Total Alkalinity, mg/l	153.5	157.5	146.5
Total Organic Carbon, mg/l	7.47	8.71	8.68

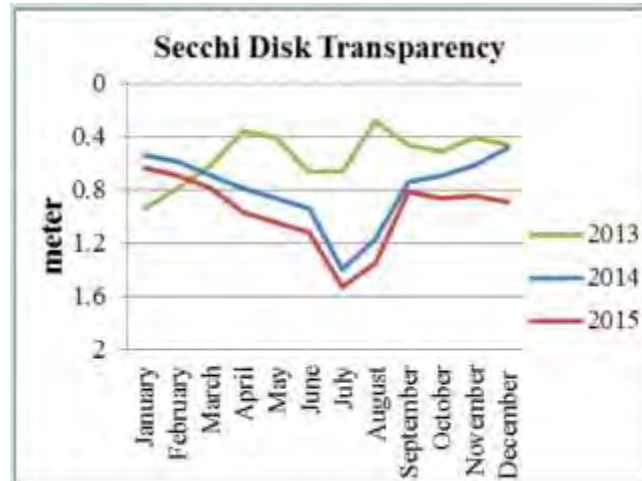
Total Suspended Solids, Mg/l	7.7	11	33
Iron, mg/l	0.329	0.372	0.373
Manganese, mg/l	0.154	0.053	0.070
Nitrate + Nitrite as , mg/l	1.08	1.1	1.01
Phosphorus, mg/l	0.38	0.35	0.32
Turbidity, ntu	99.8	21.5	33.8
Source: USACE 2021 Water Quality Report, Samples collected April-September 2021. At each location, the result represents the average of bottom and surface samples			

1.2.5 KAW NATION ENVIRONMENTAL DEPARTMENT

In 2016, Kaw Nation Environmental Department published a research article titled *Water Quality and Trophic State of Kaw Lake* in the Journal of Environmental Studies. This study measured the concentrations of nitrogen, phosphorous and chlorophyll a level in the lake to assess the overall water quality and the Trophic State of the lake. This study gathered monthly samples over a three year period from 2013-2015. The findings taken from this article are summarized below.

The average Secchi disk depths measured (Figure 1-3) varied from 0.6 m in 2013 to 1.5 m in 2015. The lowest depth measurements were observed during January-March and the deepest depth measurement occurred in July. The corresponding Trophic State Index calculated were in 2013 (69), 2014 (64) and 2015 (61), indicating the Secchi disk depths were in the eutrophic state

Figure 1-3 Kaw Lake Secchi Disk Depth Measurement (2013-2015)

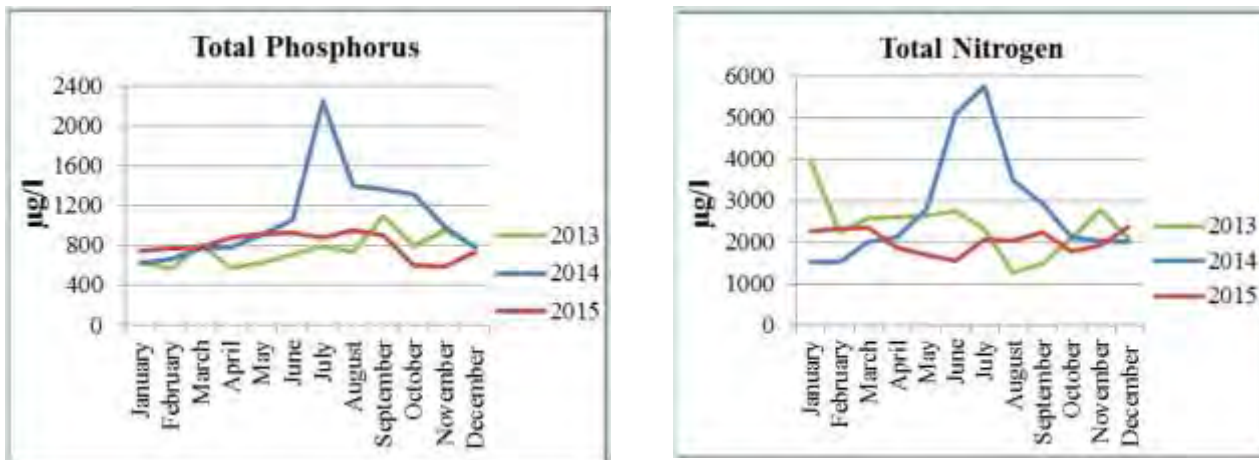


Source: 2016 J Environ Stud., Vol 2, Issue 1, Water Quality and Trophic State of Kaw Lake, Dejene Alemayehu, et al.

The average total phosphorous concentrations (TP) measured 765 ug/l, 1300 ug/l and 911.8 ug/l in 2013, 2014 and 2015, respectively. The highest phosphorous concentrations typically occurred around July while the lowest concentrations occurred around January-March and October-December periods, see Figure 1-4.

The average total nitrogen (TN) concentrations measured were 2401 ug/l, 2795 ug/l, and 2046 ug/l) in

Figure 1-4 Kaw Lake Secchi Disk Depth Measurement (2013-2015)



Source: 2016 J Environ Stud., Vol 2, Issue 1, Water Quality and Trophic State of Kaw Lake, Dejene Alemayehu, et al.

2013, 2014 and 2015, respectively. The lowest TN concentrations were observed during January-March and October-December periods as shown on Figure 1-4. The highest nitrogen concentration was recorded in July coinciding with high chlorophyll-a bloom as result of photosynthetic process.

In a 2023 article titled "Assessment of Mercury Concentrations in Water and Fish Tissue Analysis in Kaw Lake" (<https://doi.org/10.4236/jep.2023.141004>), sediment and fish samples were taken to examine the concentrations of mercury and other heavy metals. This study's conclusions were 1) mercury concentrations in the water sample were below the quantification limit in all samples collected, 2) fish species heavier than 560 grams and over 400 mm in length exhibited higher levels of mercury concentrations.

1.2.6 CITY OF STILLWATER

City of Stillwater obtains raw water from the Kaw Lake using its raw water conveyance system, originally constructed in 1981, consisting of the raw water pump station located downstream of the Kaw Dam and approximately 36-miles of 36-inch steel pipeline extending from the pump station to the water treatment plant (WTP), Figure 1-5.

As part of the data gathering activities, S2E and Bartlesville staff visited Stillwater WTP and met with Stillwater plant staff to solicit their experiences and challenges treating the Kaw Lake water. Stillwater provided monthly operational data for July 2022 through February 2023. This data was supplemented with information gathered from the Safe Drinking Water Information System (SDWIS) online portal (maintained by DEQ/EPA). Based on these data sets, the Kaw Lake raw water quality is summarized as follows:

- Raw water Total Organic Carbon (TOC) varied from 3.2 mg/l to 5.2 mg/l
- Raw water alkalinity and hardness averaged 141 mg/l and 208 mg/l as CaCO₃, respectively.

Average pH varied from 7.7 to 8.2. Stillwater also started monitoring other compounds (such as PFOS/PFOA and CECs) but that data was not available for this study.

Stillwater's existing water treatment process uses ferric sulfate and polymer as coagulation chemicals along with lime softening for hardness and turbidity reduction goals. Since softening process raises the pH, carbon dioxide is used for pH adjustment prior to filtration. After filtration, ozone is used as the primary disinfectant, followed by the addition of chlorine and ammonia to form chloramine for the secondary disinfection. Typically, the plant achieves 25% TOC removal between raw and finished water TOC levels compared to minimum 15% removal required. The lime softening process reduces water hardness from approximately 208 mg/l to 171 mg/l range, a 18% reduction.

1.2.7 CITY OF ENID

City of Enid is in the process of constructing a new intake structure and approximately 70-miles of pipeline to convey Kaw Lake water to their new water treatment plant, see Figure 1-6.

As part of data gathering activities, S2E and Bartlesville staff met with the Enid Utilities Director. The Kaw pipeline and intake project is scheduled for completion by end of 2024. Kaw Lake will be a new source for Enid to supplement their current ground water supply. For this study Enid shared their Kaw Lake water quality data collected during the 2022-2023 period, which are summarized below.

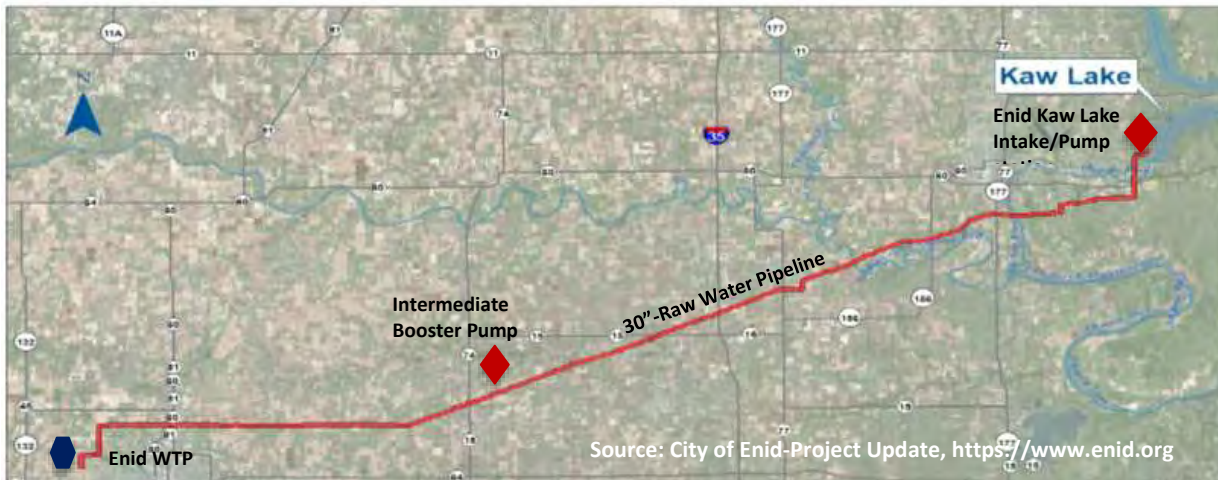
- Lake turbidity varied from approximately 6 ntu to 20 ntu
- Lake pH varied from 8.1 to 8.8
- Total alkalinity was in the range of 135 mg/l to 160 mg/l as CaCO₃
- Total hardness varied from 169 to 219 mg/l as CaCO₃
- Iron concentration was generally less than 0.7 mg/l
- Manganese concentration was less than 0.05 mg/l
- Total organic carbon varied from 3.9 mg/l to 4.7 mg/l

Figure 1-5 Stillwater Raw Water Conveyance System



Enid's new water treatment plant (under construction as of the writing of this report) will use conventional coagulation-sedimentation-filtration process and will utilize ozone as pre-oxidant, and granular activate carbon (GAC) as post filter contactors. Lime softening is not included since the hardness values for the Kaw Lake and Enid's current groundwater supply sources are comparable (approximately 200+ mg/l versus 170 mg/l).

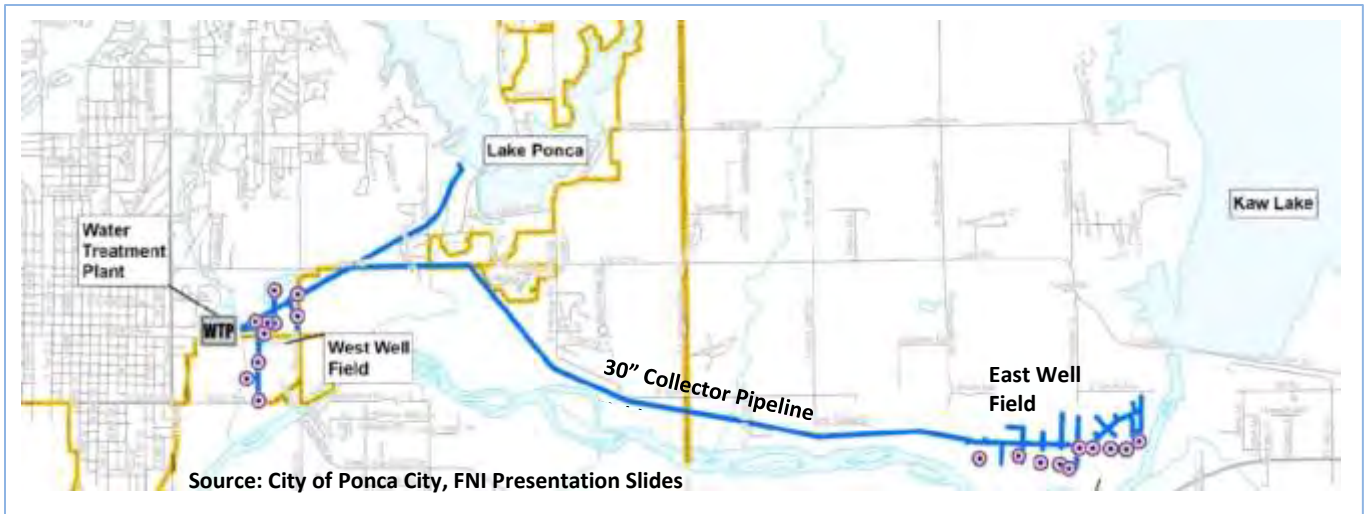
Figure 1-6 City of Enid Kaw Lake Raw Water Conveyance System



1.2.8 CITY OF PONCA CITY

City of Ponca City currently utilizes groundwater wells located along the Arkansas River alluvium aquifers and supplements with raw water from the Ponca lake which is owned and operated by the Ponca City Utility Authority. Ponca City has two well fields identified as East Well Field and West Well Field. The West Well Field is located within the city limits near its water plant and along the Arkansas River alluvium. East Well Field is located just along the Arkansas River downstream of Kaw Lake dam, See Figure 1-7. There is a 30-inch collector line extending from East Well Field to the Ponca water treatment plant. Currently, Ponca City does not have conveyance infrastructure from Kaw Lake. Ponca City has water rights from Kaw Lake but has not utilized these rights. As of this report, Ponca City is performing a long-term water supply study to evaluate the options of utilizing Kaw Lake water. S2E met with Ponca City staff and their consulting engineer. They showed interest and desire to work with Bartlesville towards opportunities for mutual benefit.

Figure 1-7 Ponca City Well Field Collector Pipeline



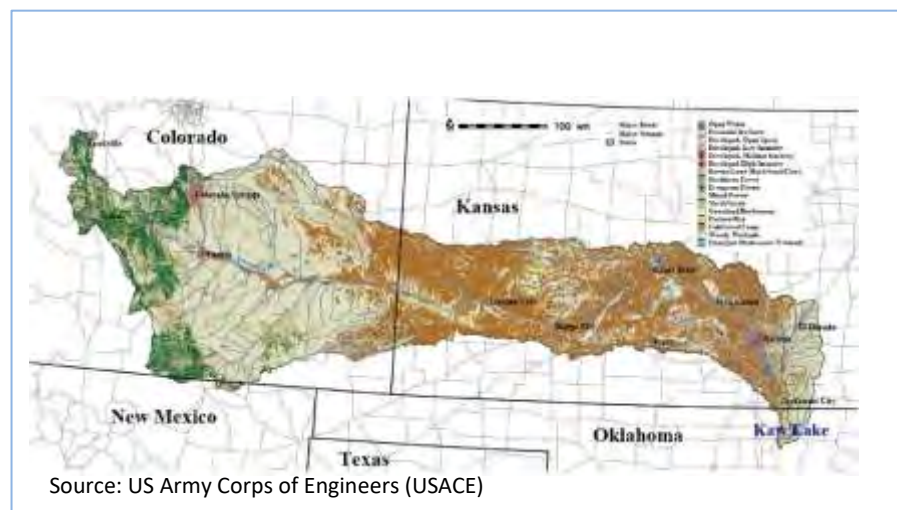
1.3 KAW LAKE DESCRIPTION, WATER QUALITY AND AVAILABILITY

1.3.1 KAW LAKE DESCRIPTION

The Kaw Lake dam is located on the Arkansas River at river mile 653.7, about eight miles east of Ponca City, in Kay and Osage Counties, Oklahoma within Hydrologic Unit Code 11060001. The conservation pool of Kaw Lake was first filled in May 1977 after final storage began in April 1976. Authorized purposes include flood

damage reduction, water supply, water quality, fish and wildlife, and recreation. The watershed above the Kaw Lake dam site extends to the headwaters of the Arkansas River near Leadville, CO. The total drainage area above the dam is approximately 48,300 square miles; however, the contributing area is approximately 38,771

Figure 1-8 Kaw Lake Watershed



square miles (Figure 1-8). Land use/cover in the basin is dominated by grassland/pasture (44%) and cultivated cropland (32%). Based on the Descriptive characteristics of Kaw Lake are included in Table 1-2.

Table 1-2 Kaw Lake Physical and Flow Characteristics

Parameter	Units
Lake Elevation (Conservation Pool)	1,010.0 ft. NGVD
Lake Surface Area (Conservation Pool)	14,260 ac
Lake Volume (Conservation Pool)	344,043 ac-ft
Total Drainage Area (contributing)	38,771 mi ²
Mean Depth	24.1 ft.
Maximum Depth (Conservation Pool)	79 ft.
Shoreline Length	116.4 mi
Annual Inflow, Average 1922 – 2021 [Water Years]	2,047,370 ac-ft
Annual Inflow, 2021 [Calendar Year]	2,071,041 ac-ft
Hydraulic Residence Time, 2021 [Calendar Year]	70.38 d
Source: US Army Corps of Engineers (USACE)	

Due to siltation, Kaw Lake storage volume has been reduced by about 25% as of the 2020 USACE bathymetric survey results tabulated below:

Table 1-3 Kaw Lake Historical Siltation Summary

Survey Period	Storage @ Below Conservation Pool EL 1010.0' (acre-feet)	% Reduction in Storage Since 1975	Surface Area (acres)
1975	431,120	0.0%	16,890.0
1986	406,540	6.0%	16,750.0
1995	382,623	12.7%	16,165.0
2010	382,818	12.6%	15,700.0
2015	362,511	18.9%	15,056.0
2020	344,044	25.3%	14,257.6
Source: US Army Corps of Engineers (USACE) Bathymetric Survey			

Other pertinent information taken from USACE online data is summarized below:

Type of Structure: The dam is a rolled earth-filled embankment 9,466 feet long, including the spillway, and rises about 125 feet above the streambed. The embankment top is 32 feet wide and has a 24-foot-wide, bituminous-surfaced road.

Spillway & Outlet Works: The gate-controlled concrete valley spillway is an ogee weir and includes a stilling basin and outlet works. Total length of the spillway, excluding the non-overflow sections, is 400 feet, with flow over the spillway controlled by eight 50- by 47-foot Tainter gates. The spillway structure is located in the right abutment and has a design capacity of 653,000 cubic feet per second (cfs). Low-flow facilities consist of two 5-foot 8-inch by 10-foot sluices located through two intermediate piers with a design capacity of approximately 8,000 cfs. The sluice gates are operated by OMPA (Oklahoma Municipal Power Authority). A 48-inch-diameter water supply pipe is located in the right non-overflow that currently serves the City of Stillwater.

Power Intake Structure: A powerhouse with one 20-foot-diameter penstock was incorporated into the original construction of the spillway. Construction of the generating facilities began in August 1987. Power generation began in August 1989. The powerhouse is operated by OMPA and has a release capacity of approximately 5,600 cfs near top of conservation pool and has a generation capacity of approximately 35,000 kW.

Hydrologic Data: The flood of April 28 through June 30, 2019, had a volume of 5,075,592 acre-feet, which is equivalent to 14.31 inches of runoff. Peak inflow to the lake was 165,800 cfs. The flood in October of 1986 had a peak inflow of 185,700 cfs.

1.3.2 KAW LAKE STORAGE FEE AND WATER RIGHTS

Kaw Lake is a federally owned and operated lake, managed by the USACE. But the surface water rights are granted by the State of Oklahoma through the Oklahoma Water Resources Board (OWRB). USACE sets the storage fee and the approval process for any infrastructure construction at the lake. OWRB controls the water rights and requires a prescribed process to secure such rights.

Based on information obtained from the USACE, the current cost of the available water supply storage at Kaw Lake is \$46,163,683 for 46,186 acre-feet of storage, or approximately \$999.52 per acre-foot. As of July 17, 2024, the USACE provided the following for storage fee. These are estimates at this point in time, and accrued interest continues to rise so these are not fixed prices but will vary in the future.

- For 14 MGD, 15,638 acre-feet, Storage Fee =\$16,009,089*
- For 18 MGD, 20,164 acre-feet, Storage Fee =\$20,642,491*
- For 22 MGD, 24,644 acre-feet, Storage Fee =\$25,228,802*

*Plus, annual maintenance cost share as determined by USACE

Based on information obtained from the OWRB, the following summarizes the water supply pool with existing water rights permit and volume still available for allocation. As summarized, approximately 37,637 acre-feet (33.6 mgd) is available for allocation.

Table 1-4 Kaw Lake Water Rights Summary

Permit #.	Permit Holder	Primary Purpose	Total Authorized (Acre Feet)	2022 Actual Water Use
19690327	Newkirk, City of	Public Water Supply	1,124.0	

19720491	Stillwater, City of	Public Water Supply	56,210.0	8,110.3
19730235	Oklahoma Gas & Electric Company	Power	40,000.0	19,134.2
19810180	Kaw Reservoir Authority	Public Water Supply	14,159.0	
19870031	Tonkawa, City of	Public Water Supply	2,800.0	
19910018	Otoe-Missouria Tribe	Public Water Supply	200.0	
19930034	Ponca City, City of	Public Water Supply	14,031.0	1,683.5
20030001	Perkins PWA	Public Water Supply	879.0	
20140047	City of Enid	Public Water Supply	20,000.0	
			149,403.00	28,928.0
TOTAL WATER SUPPLY STORAGE (YIELD)			187,040.00	
TOTAL AMOUNT LEFT FOR ALLOCATION			37,637.00	

1.4 BARTLESVILLE EXISTING WATER SUPPLY

1.4.1 CURRENT WATER SUPPLY SOURCES

Bartlesville’s primary source of raw water supply is Hulah Lake (see Error! Reference source not found. 1 -9). Hulah Lake is a federally owned lake originally completed in 1951 for flood control, water supply, low flow regulation, and conservation purposes. Raw water from Hulah Lake is pumped via approximately 6.7 miles of 24-inch dual-transmission pipelines to discharge into Lake Hudson which is a city-owned lake. Due to its size, Lake Hudson is insufficient for water supply yield on its own and is considered part of the Hulah/Hudson water supply system. From Lake Hudson, raw water flows by gravity via approximately 5-miles of 36” and 42” transmission pipelines.

Bartlesville also has water rights on the Caney River, which served as the original raw water supply for Bartlesville prior to the development of the Hulah/Hudson lake system. In the late 1920s a low water dam was constructed on the Caney River to create a small impoundment within the river from which to draw the raw water. Raw water from Caney River is conveyed through the Caney Pump Station to the Bartlesville water treatment plant. The Caney Pump Station is owned and operated by Bartlesville. Available water supply from these sources is summarized below:

- Hulah Lake. Bartlesville has 13,819 acre-feet (12.4 MGD) of water rights. There are no more water rights available at this Federally owned lake. Based on historic and projected silting and sediment deposits, the projected dependable yield from Hulah is 6.4 MGD through year 2035 and 4.4 MGD by year 2055.
- Hudson Lake. Bartlesville has 6,000 acre-feet (5.4 MGD) of water rights which represent all the water rights available at this City-owned lake. Due to the size of the lake and small contributing watershed, there is no appreciable yield associated with the lake, and it is considered part of the Hulah Lake water supply system. Therefore, for practical

reasons, water rights from Hudson Lake are not considered separate but included within available water rights from Hulah Lake.

- Caney River. Bartlesville has 6,000 acre-feet (5.4 MGD) of water rights from the Caney River.
- Copan Lake. Bartlesville has 2,500 acre-feet (1 MGD) of water storage rights at Copan Lake.

Historically, Bartlesville utilized Hulah/Hudson water supply as the primary supply and Caney River as the supplemental/backup supply. In 2014, to better utilize available water resources, the Caney River has been utilized as the primary supply with the lakes serving as the supplemental source.

Bartlesville's current water plant, completed in 2006, utilizes the Actiflow[®] Process that uses coagulant and micro-sand ballasted flocculation and sedimentation to achieve enhanced clarification. Clarified water is filtered using dual media filtration and subsequently disinfected with chlorine and chloramine prior to distribution. There is a potassium permanganate feed facility near Hudson Lake for raw water pre-oxidation. A powder activated carbon (PAC) feed facility is located at the Caney Pump Station for mitigating taste and odor compounds.

Monthly water plant operational data for 2022-2023 were analyzed to establish the baseline water quality currently treated at the existing Bartlesville water plant. This information is used to compare with the Kaw Lake water quality discussed earlier to assess potential impacts on Bartlesville's current water treatment process (Actiflow[®] Process).

Figure 1-9 Bartlesville's Existing Water Supply



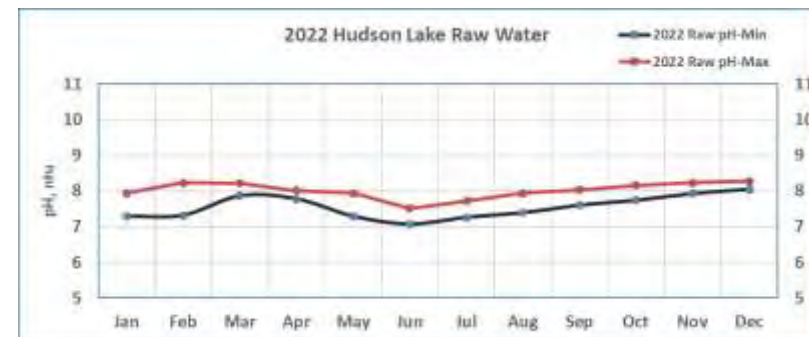
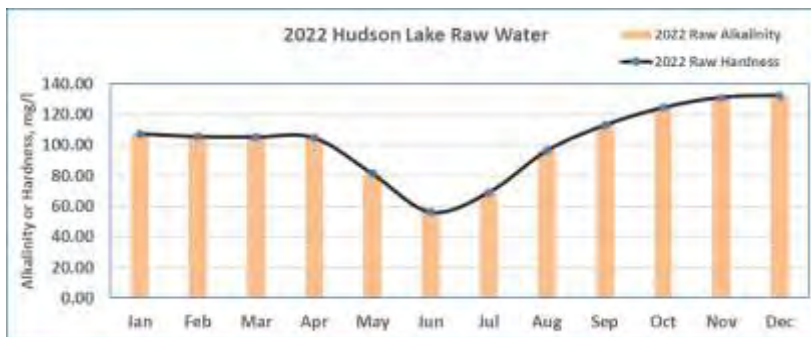
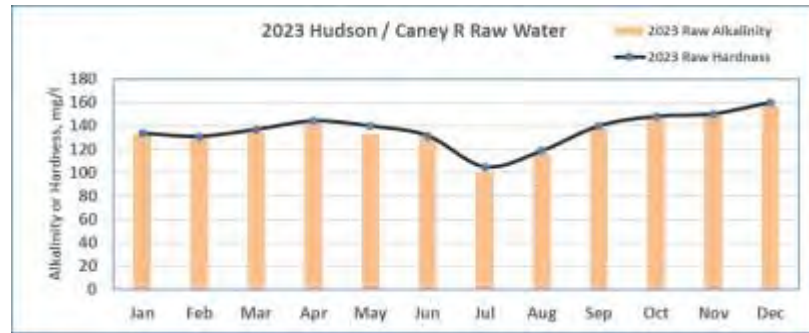
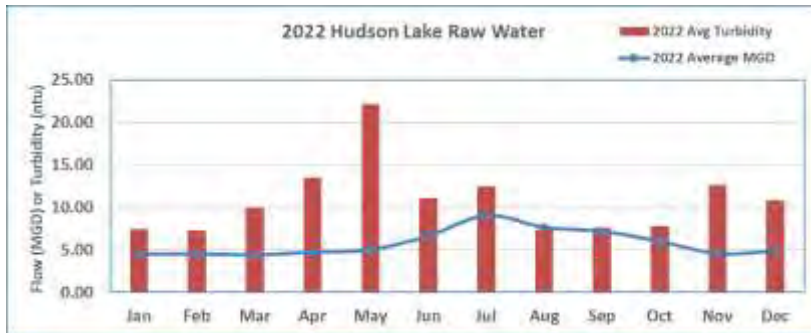
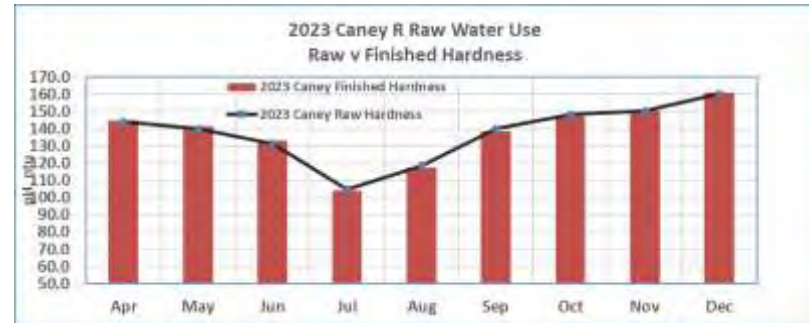
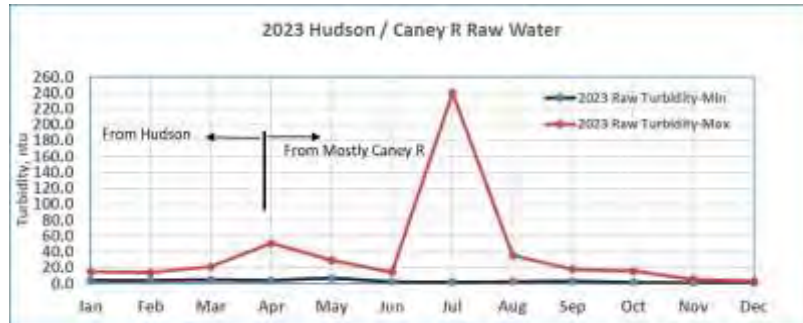
1.4.2 EXISTING WATER SUPPLY QUALITY

Historical water quality data summary for the 2022-2023 period is shown on Figure 1-10 and summarized below:

- Average raw water turbidity varied from 4 ntu to approximately 42 ntu. Caney River turbidity is typically higher than Hudson Lake and at times during June-July periods, the Caney River turbidity is known to peak above 200 ntu.
- Typical raw water pH is in the 7.1 to 8.4 range.
- Typical alkalinity ranged from 56 mg/l to 160 mg/l. The lower values are typically associated with May-July rain events.
- Typical hardness varied from 56 mg/l to approximately 160 mg/l.

-
- As shown on Figure 1-10, alkalinity and hardness trend closely indicating most of the hardness are carbonate-hardness with negligible non-carbonate hardness.

Figure 1-10 Bartlesville Raw Water Quality (Hudson Lake and Caney River)



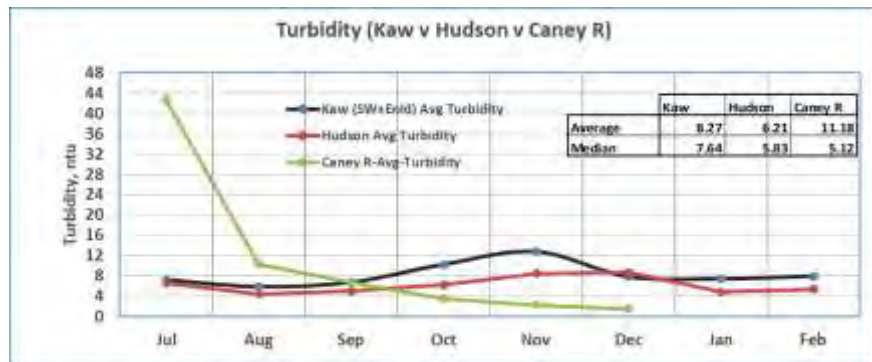
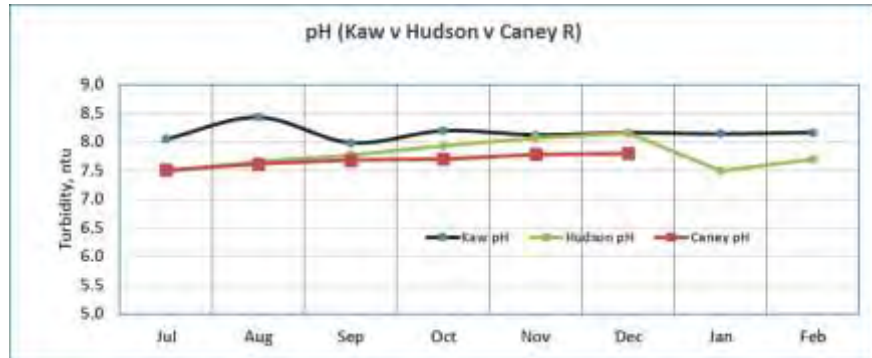
1.5 EVALUATION OF KAW LAKE WATER QUALITY IMPACTS ON BARTLESVILLE TREATMENT PLANT

Kaw Lake water quality information gathered from USACE, Enid and Stillwater are compared with Bartlesville’s current water supply quality to identify any significant impact on Bartlesville’s existing treatment plant process (Actiflow® Process). Refer to Figure 1-11 for the discussion that follows.

1.5.1 PH

Kaw water has slightly higher pH but is comparable to Hudson/Caney water quality. Kaw water will be blended with Hudson water prior to use. Kaw water pH is comparable and should not hinder or negatively impact Bartlesville’s existing treatment process.

Figure 1-11 pH, Alkalinity and Turbidity Comparison- Kaw v Hudson v Caney River



1.5.2 TURBIDITY

The average turbidity values between Kaw, Hudson and Caney waters are 8.3, 6.2 and 11.2, respectively. Kaw turbidity falls somewhere between Hudson and Caney turbidity. The Actiflow® Process used at Bartlesville water plant performs well with higher turbidity levels. With comparable turbidity levels, Kaw water should not hinder or negatively impact Bartlesville’s existing treatment process.

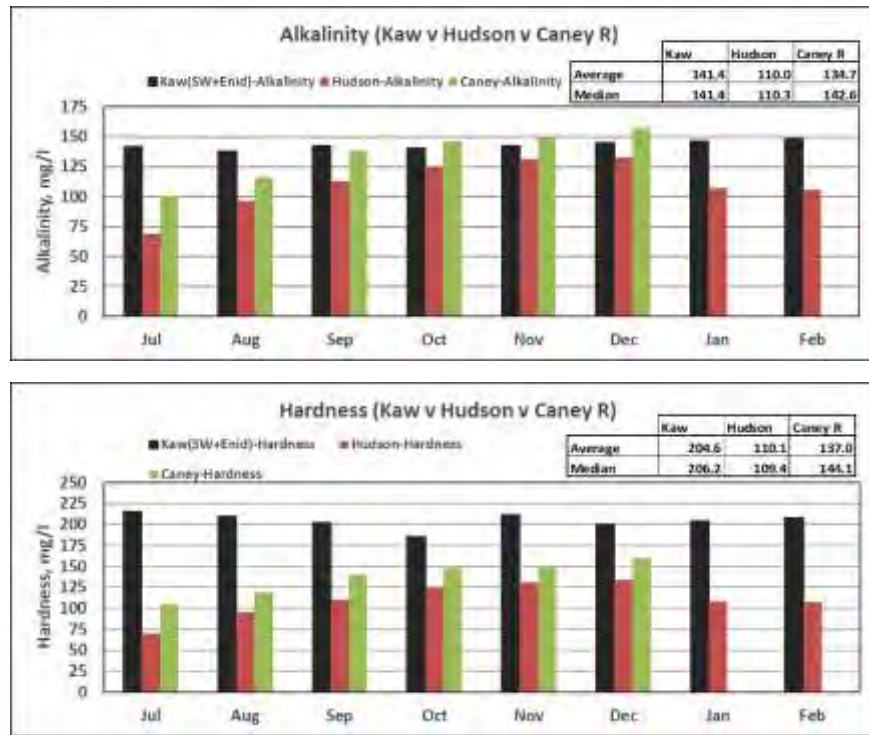
1.5.3 ALKALINITY

Alkalinity and hardness are somewhat correlated with each other. Alkalinity is a measure of water’s buffering capacity or “resistance to pH change.” Alkalinity is primarily due to dissolved bi-carbonates, carbonates, and hydroxides in water. Referring to Figure 1-12, average alkalinity values for Kaw, Hudson and Caney are 141 mg/l, 110 mg/l, and 135 mg/l, all reported as CaCO₃. Alkalinity above 100 mg/l is considered well-buffered system. With comparable alkalinity levels, Kaw water should not hinder or negatively impact Bartlesville’s existing treatment process.

1.5.4 HARDNESS

Hardness is a measure of the amount of dissolved di-valent metals, primarily calcium and magnesium. When the alkalinity and hardness values are near the same, all hardness is essentially of carbonate-hardness. If the alkalinity is less than hardness, then there is some non-carbonate hardness present. Referring to Figure 1-12, the average hardness values for Kaw, Hudson and Caney are approximately 205 mg/l, 110 mg/l and 137 mg/l, respectively. Kaw hardness is almost 100% higher than Hudson and approximately 50% higher than Caney.

Figure 1-12 pH, Alkalinity and Hardness Comparison- Kaw v Hudson v Caney River



Since Kaw water will be conveyed to Hudson for blending and storage prior to treatment, the overall hardness when Kaw Lake supply is used will be somewhere between these values based on the blending ratio. There is no regulatory limit for hardness; the final hardness goal is typically based on the water utility preference and end user acceptance. Hard water tends to leave deposits in the indoor plumbing and appliances and leaves residue left on hand/body when washed with soap. General guidelines are 0 to 60 mg/l classified as soft; 61 to 120 mg/l as moderately hard; 121 to 180 mg/l as hard; and anything above 180 mg/l as very hard. For 2023, the average finished water hardness for Bartlesville was approximately 136 mg/l, which puts it in the “hard” water classification. Blending of Kaw and Hudson waters will result in higher hardness level; for example, a 50%:50% (Kaw:Hudson) blend will result in approximately 157.5 mg/l hardness. This will still make the water classification as hard.

As discussed earlier, Enid decided not to include Lime softening since the hardness values for the Kaw Lake and Enid’s current groundwater supply sources are comparable (approximately 200+ mg/l versus 170 mg/l). Stillwater uses lime softening process to reduce Kaw water hardness from approximately 208 mg/l to 171 mg/l range, approximately 18% reduction.

Hardness reduction is typically achieved with the use of lime-soda ash softening process. Soda ash may or may not be necessary based on the hardness reduction goals. Ion exchange and reverse osmosis

(RO) are other processes but are not typically used for municipal treatment plant applications because of cost and disposal issues associated with the reject streams generated in these processes.

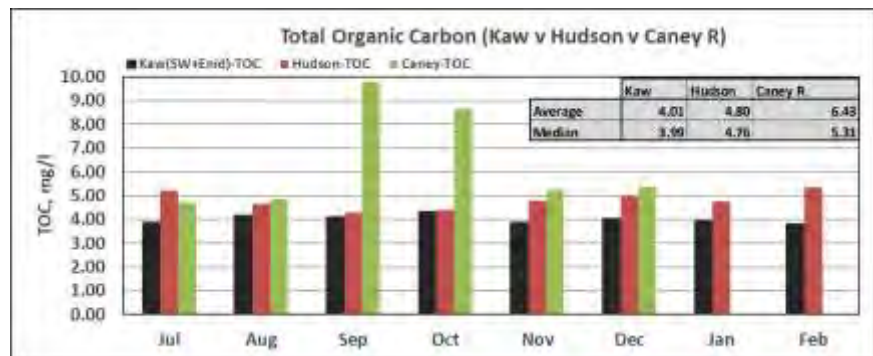
Incorporating lime softening process with the existing Actiflow® Process will require significant modification to the existing process scheme. One option for such modification is to construct a new parallel split-flow train where a portion of the raw water is lime-softened and then blended back with the Actiflow Process effluent for combined filtration and disinfection. The split flow treatment will reduce the overall new infrastructure cost, lime usage, and lime sludge production.

For the purpose of this report and high level conceptual evaluation, it is our opinion that lime-softening is not required or necessary when using blended water from Kaw and Hudson. By proper blending of Kaw and Hudson water sources, the overall hardness should be maintainable below 180 mg/l range and still fall in the general “hard water” guidelines. Incorporating lime-softening side stream to the existing Actiflow Process will require multi-million dollar expenditures in addition to long term cost of chemical, and lime sludge handling and disposal.

1.5.5 TOTAL ORGANIC CARBON (TOC)

TOC values for Kaw, Hudson and Caney averaged 4.01 mg/l, 4.8 mg/l and 6.43 mg/l, see Figure 1-13.

Figure 1-13 pH, Total organic carbon (TOC) Comparison- Kaw v Hudson v Caney River



TOC comprises numerous constituents of carbon-chain compounds of varying molecular weights. In the water treatment process, TOC acts as precursors to the formation of disinfection by-products during oxidation and disinfection processes.

Under EPA Disinfection By-Product rules, Bartlesville water treatment plant is required to remove specific percentages of organic materials, measured as total organic carbon (TOC), that may react with disinfectants to form DBPs. Removal must be achieved through a treatment technique (enhanced coagulation or enhanced softening) unless a system meets alternative criteria. Systems practicing softening must meet TOC removal requirements for source water alkalinity greater than 120 mg/L CaCO₃. The percentage removal required is dependent on the source water TOC and alkalinity as follows:

TOC Removal Requirements			
Source Water TOC (mg/l)	Source Water Alkalinity, mg/l as CaCO ₃		
	0 – 60	> 60 to 120	> 120
> 2.0 to 4.0	35.0%	25.0%	15.0%
> 4.0 to 8.0	45.0%	35.0%	25.0%
> 8.0	50.0%	45.0%	30.0%

Based on Hudson TOC and alkalinity concentrations, Bartlesville plant currently requires a 35.0% TOC reduction. Blending Kaw with Hudson water could increase the resulting raw water alkalinity that could potentially reduce the removal requirements from 35.0% to 25.0%. Bartlesville’s existing water treatment plant should be able to achieve this removal goal.

1.5.6 TOTAL DISSOLVED SOLIDS (TDS)

Based on USACE monitored water quality data, TDS varied approximately 220 mg/l to 590 mg/l. National Secondary Drinking Water Regulations standard for TDS is 500 mg/l. Secondary standards are non-enforceable guidelines. Blending Kaw water with Hulah/Hudson lake sources should provide a blended TDS concentration <500 mg/l.

1.5.7 OTHER POLLUTANTS OF CONCERN

In April 2024, U.S. EPA finalized the National Primary Drinking Water Regulation (NPDWR) limiting PFAS in drinking water and set the maximum contaminant levels (MCLs) of 4 parts per trillion (ppt) for PFOS and PFOA. The rule also includes new limits for four compounds — an MCL of 10 ppt for PFNA, PFHxS, PFBS, and GenX chemicals. Further, it mandates treatment when a 1.0 “Hazard Index” threshold is reached for mixtures of two or more of PFHxS, PFNA, HFPO-DA, and PFBS compounds. Utilities in the USA are monitoring their raw water supply to establish existing benchmark and treatment requirements. Enid and Stillwater have started monitoring Kaw Lake for these compounds but the results are not available for this study.

Similarly, USA utilities are monitoring emerging contaminants of concern (CECs), which are chemicals (including pharmaceuticals and personal care products) detected in the environment/water bodies that could cause human health and environmental impacts but for which currently no regulatory limits exist.

Kaw Lake drainage basin is large extending from Oklahoma to Kansas, Colorado, and a small portion of New Mexico with well established aerospace, military, and other industrial complexes. There is limited data available to make an evaluation pertaining to other pollutants of concern.

1.6 CONCLUSIONS AND RECOMMENDATIONS

Based on the water quality evaluation provided earlier, the following conclusions and recommendations are offered:

- In terms of primary water quality parameters (pH, turbidity, alkalinity, and TOC), the Kaw water quality is comparable and compatible with the Hulah/Hudson water supply currently used. Kaw water should not hinder or negatively impact Bartlesville's existing treatment process.
- Using the classification that hardness levels of 121 mg/l to 180 mg/l as "hard" water, the average finished water hardness for Bartlesville is approximately 136 mg/l, which puts it in the low end of the "hard" water classification. Blending of Kaw and Hudson waters will result in higher hardness level; for example, a 50%:50% (Kaw:Hudson) blend will result in approximately 157.5 mg/l hardness, shifting the classification to the higher end of "hard" water classification. Based on these considerations, lime softening is not necessary because there are no set regulatory limits for hardness. The treated water hardness goal is entirely based on utility preferences and practices to meet end user (water utility customer) acceptance. If Bartlesville desires to incorporate lime softening, further treatability study is recommended to establish the process scheme to supplement the existing Actiflo® Process.
- Based on Hudson TOC and alkalinity values, Bartlesville plant currently requires a 35.0% TOC reduction. Blending Kaw with Hudson water could increase the resulting raw water alkalinity that could potentially reduce the removal requirements from 35.0% to 25.0%. Bartlesville is currently achieving the TOC reduction goals and this should not be an issue.
- The above conclusions are based on limited data gathered from USACE, Stillwater and Enid used for this preliminary high level feasibility evaluation. As part of the next step in the Kaw Lake water supply study, we recommend Bartlesville include site specific sampling and treatability study to confirm and adjust the conclusions offered in this report.
- As to the presence of other pollutants (PFAS, CECs, etc.) of concern, very limited data was available for this study. Kaw Lake drainage basin is large extending from Oklahoma, to Kansas, Colorado, and a small portion of New Mexico with well established aerospace, military, and other industrial complexes. There is limited data available for this study for the Kaw Lake to make an evaluation for these pollutants. As part of the next step in the Kaw Lake water supply study, we recommend Bartlesville to include more detailed evaluation for these pollutants including sampling from Kaw Lake.

2.0 KAW LAKE INTAKE EVALUATION

2.1 INTRODUCTION

For raw water withdrawal from Kaw Lake, a new intake, or the possibility of connecting to an existing intake are discussed in this section. Oklahoma Department of Environmental Quality (ODEQ) regulation 252:826 contains specific requirements for utilizing surface water supply such as Kaw Lake. For lake intakes, ODEQ requires the intake designed to withdraw from at least three (3) separate levels. The intake must also include a trash rack or screen to limit the entry velocity and to exclude large debris from entering.

Any intake located at the Kaw Lake must also meet US Army Corps of Engineers (USACE) regulatory approval. The focus of this section is to evaluate the location and types of raw water intake for Kaw Lake to provide adequate capacity and meet the ODEQ and USACE regulatory requirements.

2.2 INTAKE DESIGN REQUIREMENTS

The following design criteria are used for the intake:

- Capacity of 14 MGD with options for 18 MGD and 22 MGD.
- Three intake levels with the top level below the conservation pool.
- Provide a trash rack or screen at the inlets to the intake structure.
- Designed to DEQ standards and USACE permit:
 - Security protection including signage and fencing.
 - Provide a diversion device capable of keeping fish or debris from entering intake structure,
 - The intake structure operating floor must be above the 100-year flood level and always be accessible.
 - Locate inlets or gates in the intake structure so they are accessible for inspection and maintenance.
 - Fixed inlet structures. Design intake structure for water withdrawal from at least three (3) separate levels. Install the top inlet below the water surface at normal pool elevation.
 - Floating structures. Design for water withdrawal at selected depths. Multiple length suction pipes, provisions for addition or removal of extension pipe to the pump suction are acceptable design. DEQ will consider other designs on a case-by-case basis.
 - The location of the intake and the shore infrastructure must meet USACE 404 and 408 permit requirements.

2.3 CITY OF STILLWATER INTAKE

The original Kaw Lake and dam structure included two sluice gates that are used for hydroelectric power generation by the Oklahoma Municipal Power Authority (OMPA). These sluice gates are not available for water supply. There is also a 48-inch-diameter water supply pipe located in the right non-overflow section that currently serves the City of Stillwater. This is a single level intake located at an elevation of 970.0 feet which is below the inactive pool elevation.

The 48" supply line is originally intended for the Kaw Lake Water Authority for the benefit of the City of Stillwater and the City of Ponca City. Stillwater has a connection from the 48" supply to its pump station (see Figure 2-1, Figure 2.2) from where it is pumped to their water treatment plant. Ponca City has a connection to this line but does not have connecting

conveyance system to its treatment plant. Hydraulic capacity information for this line was not available; however, for the purpose of this report the 48-inch capacity is estimated to be approximately 40.6 MGD at 5 feet per second (fps) and 56.9 MGD at 7 fps.

Ponca City has approximately 12.5 MGD of Kaw Lake water rights and Stillwater has approximately 50.2 MGD of water rights. Ponca City has not yet used their water rights since there is no infrastructure available. Stillwater uses Kaw water as its primary supply, and current usage is approximately 7.2 MGD, significantly less than their available water rights. However, their combined water right exceeds the estimated capacity of the 48" supply line.

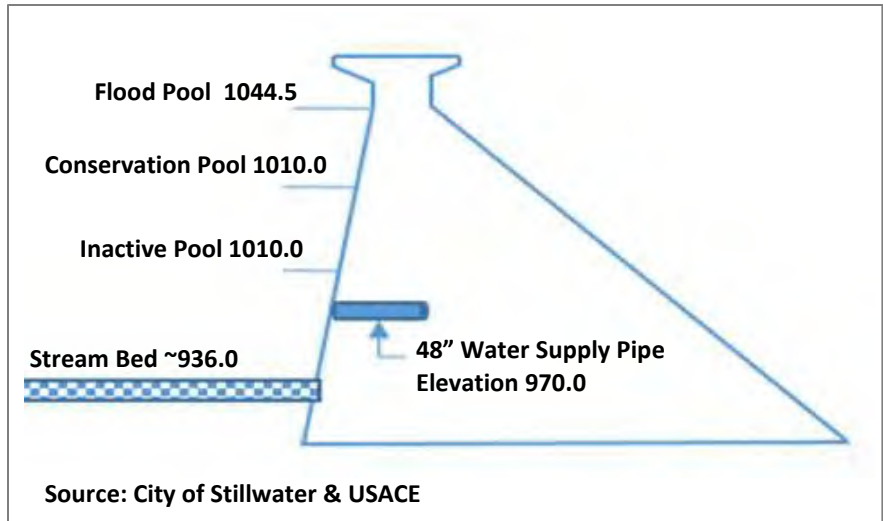


Figure 2-1 Stillwater Intake Pipe Schematic



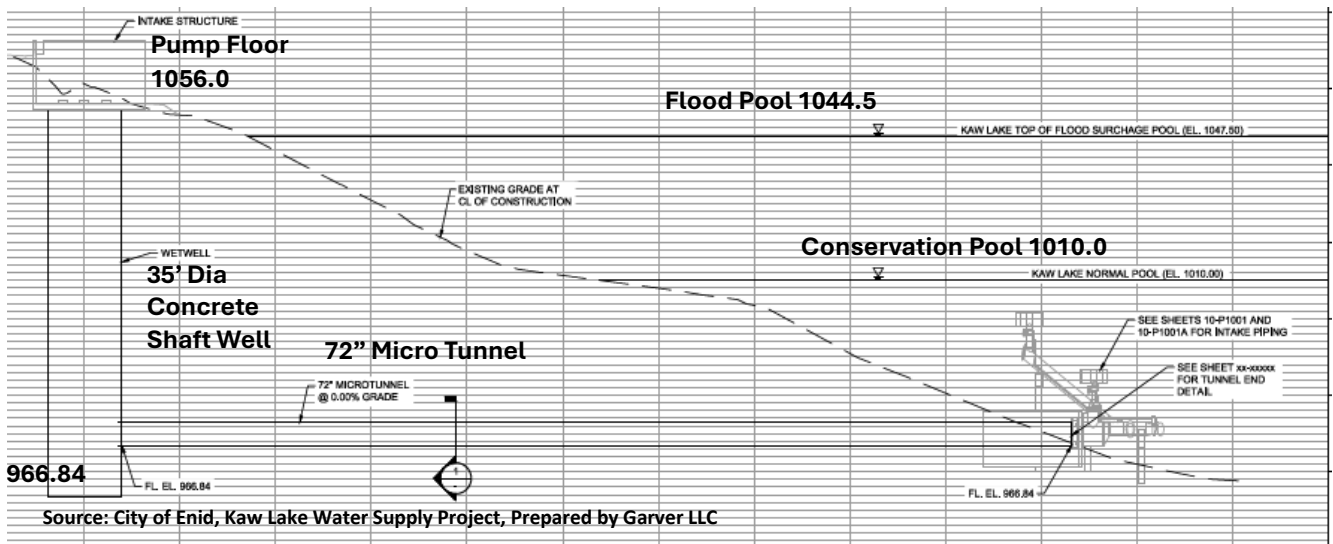
Figure 2-2 Kaw Lake Intake Pipe for Stillwater and Ponca City

Ponca City has shown interest in dedicating up to 6 MGD of water right with specific conditions and cost to be worked out in negotiations with the interested party.

2.4 CITY OF ENID INTAKE

City of Enid is constructing a new intake structure on the west bank of Kaw Lake, See Figure 2-3. This intake consists of a submerged three-level intake screens connected to a 42” common pipe header that connects to the 72” micro tunnel that extends approximately 500-feet to a new shore intake concrete well (35-feet diameter) and pump station with three vertical turbine pumps. A 30-inch conveyance pipe extends from the pump station approximately 70-miles to the Enid water treatment plant (see Figure 1-6).

Figure 2-3 Enid Kaw Lake Intake Location and Pump Station Profile



The intake concrete well has space for a total of three vertical turbine pumps. The intake pump station ultimate capacity is approximately 19.5 MGD.

Initial information gathered from Enid indicates that the intake pump station is dedicated for meeting Enid's long term needs and their obligation to the Osage Nation, and there is not additional capacity to meet Bartlesville's long term needs. In addition, Enid's intake is located on the west bank of Kaw Lake; connection to the intake will require either crossing the Kaw Lake to the east bank or routing the pipeline around the lake to the east bank. For these reasons, connection to Enid's intake does not appear a viable alternative.

In the following discussion new intakes located along the east bank of Kaw Lake are discussed.

2.5 KAW LAKE NEW INTAKE LOCATIONS EVALUATION

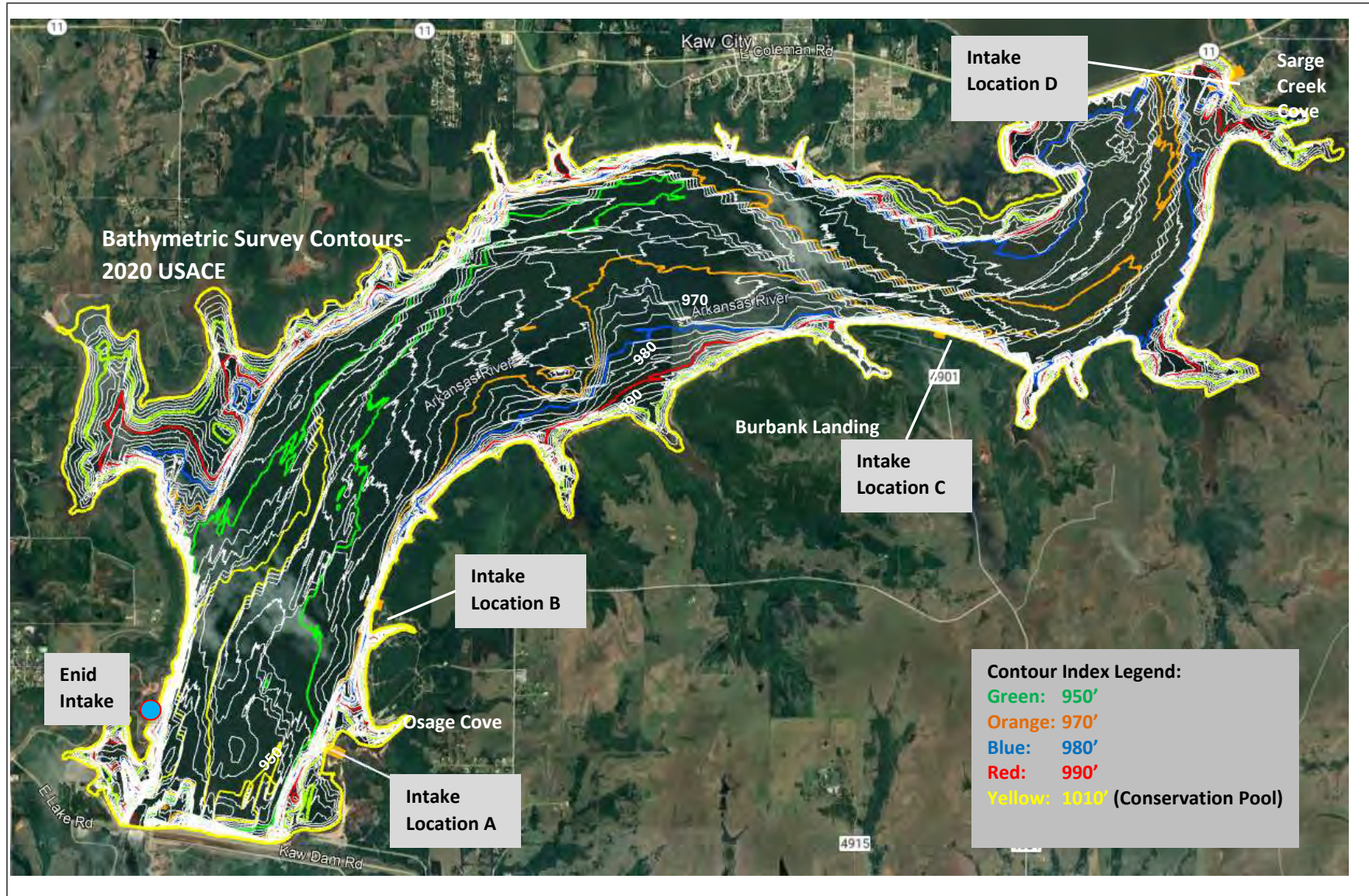
In identifying potential intake locations, the following key criteria are used:

- A. Water quality. The location offers better water quality spatially within the lake and its location minimizes potential for future siltation from river flow.
- B. Water depth. The location has a depth of 30 feet (minimum) and 40 feet (desired) from conservation level to accommodate three withdrawal levels as required by ODEQ.
- C. Proximity. The location is proximity to the shoreline to minimize length of pipe and deep tunnels.
- D. Approvability by the USACE (404 and 408 permits). The land area surrounding the lake is federally owned and managed by the USACE. The location must be suitable for 404 and 408 permit approval.
- E. Constructability and capital cost. The location of the intake within the lake and its proximity to the shoreline infrastructure have big impact on the constructability and capital cost.
- F. Maintenance and operational considerations. Accessibility and system complexity impact maintenance and operational considerations.

2.5.1 POTENTIAL NEW INTAKE LOCATIONS

In 2020 USACE completed bathymetric survey for Kaw Lake as shown on Figure 2-4. Based on this bathymetric survey information and water quality evaluations discussed in the previous section, four potential intake locations are identified on this figure that could meet the above key criteria. Specifically, the intake locations are chosen to provide a minimum of 40 feet water depth to accommodate three levels for withdrawal below the conservation pool elevation. Each of these four locations is evaluated in the following discussions.

Figure 2-4 Kaw Lake Bathymetric Survey Contour and Potential Intake Locations

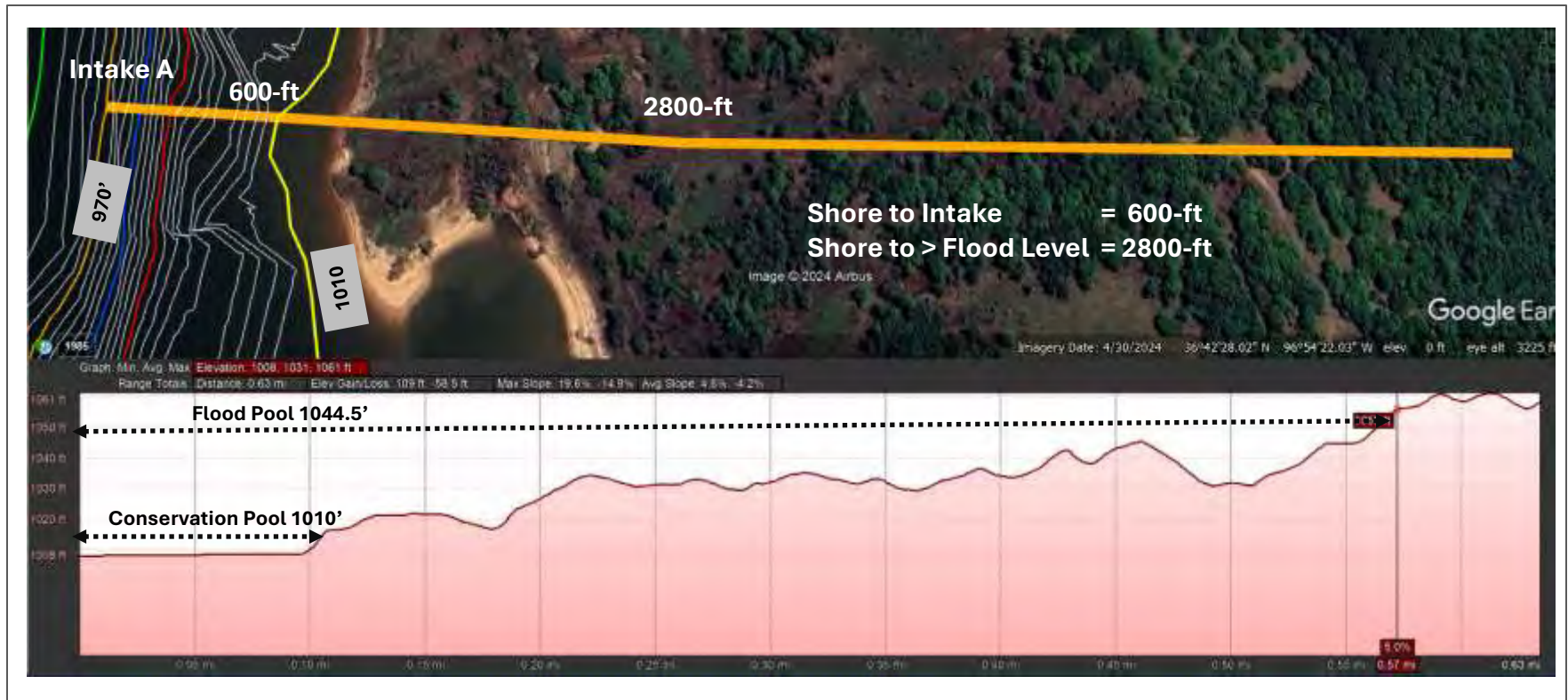


2.5.1.1 INTAKE LOCATION A

Intake Location A is located on the east bank near the Osage Cove, see Figure 2-5. The following summarizes this location evaluation for the key criteria.

Criteria	Discussion
Water Quality	Location A is on the south end of Kaw (Lower). As discussed in Section 1, within the Kaw (Lower), the middle part of lake has the best water quality overall. The south end exhibited higher average manganese and turbidity levels.
Shoreline to Intake Distance	40-foot water depth (from conservation pool elevation 1010) is approximately 600-feet from shoreline.
Proximity and Shoreline Accessibility	Kaw Lake flood pool elevation is 1044.50 and historically the record high water level reached 1047. To maintain the shoreline infrastructure (such as the pump station) above flood elevation, they must be located more than 2800-feet from the shoreline.
USACE Permit	Requires USACE Permit. Based on land use information provided by the USACE, shoreline facilities such as the pump station could be located within the Government property but will require 408 permits.
Constructability & Capital Cost	High due to 1) the shoreline facilities located further away from shore and 2) longer pipeline connection to the conveyance transmission connection.
Maintenance & Operation	Average

Figure 2-5 Intake Location A Layout Concept

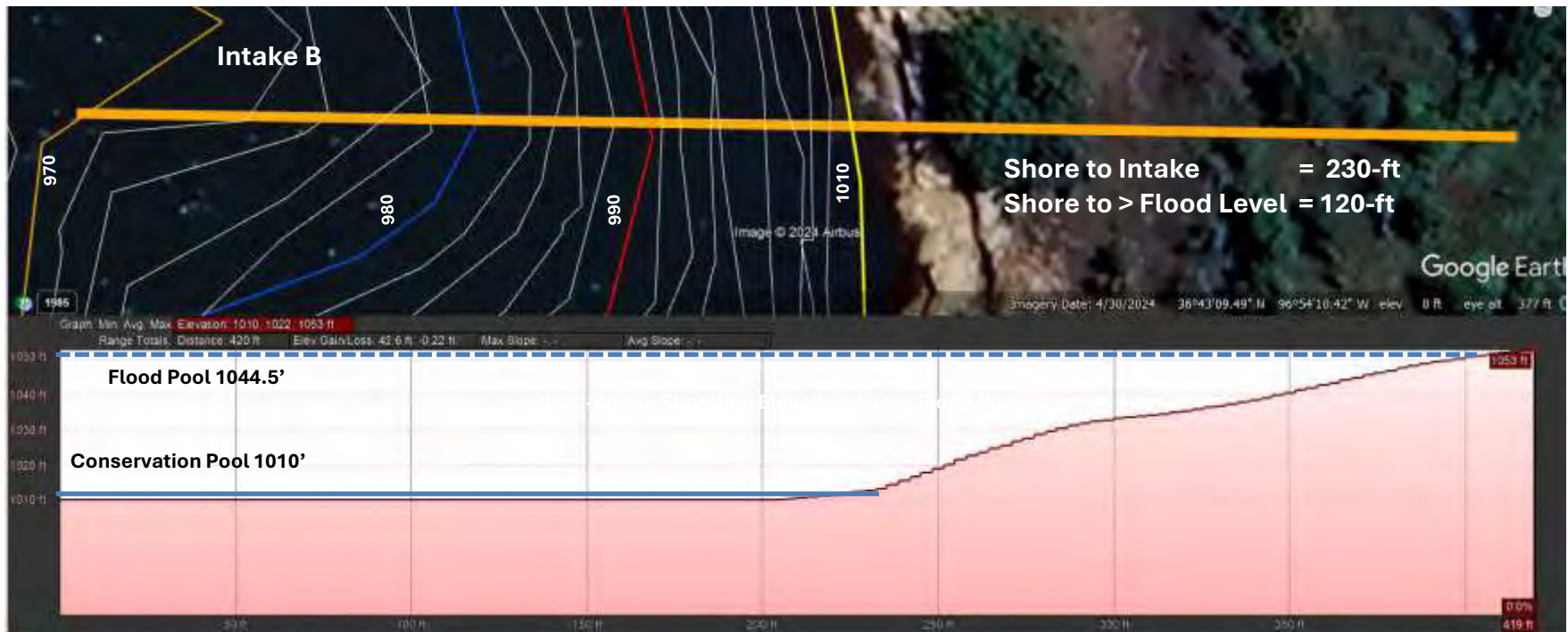


2.5.1.2 INTAKE LOCATION B

Intake Location B is located on the east bank near the Osage Cove, see Figure 2-6. The following summarizes this location location evaluation for the key criteria.

Criteria	Discussion
Water Quality	Location B is on the east bank and north of Location A and closer to the middle Kaw (Lower). As discussed in Section 1, within the Kaw (Lower), the middle part of the lake has the best overall water quality. The south end exhibited higher average manganese and turbidly levels.
Shoreline to Intake Distance	40-foot water depth (from conservation pool elevation 1010) is approximately 230-feet from shoreline.
Proximity and Shoreline Accessibility	Kaw Lake flood pool elevation is 1044.50 and historically the record high water level reached 1047. To maintain the shoreline infrastructure (such as the pump station) above flood elevation, they must be located more than 120-feet from the shoreline.
USACE Permit	Requires USACE Permit. Based on land use information provided by the USACE, shoreline facilities such as the pump station could be located within the Government property but will require 408-permit.
Constructability & Capital Cost	Average due to 1) the shoreline facilities located at modest proximity from shore and 2) less pipeline connection to the conveyance transmission connection.
Maintenance & Operation	Average

Figure 2-6 Intake Location B Layout Concept

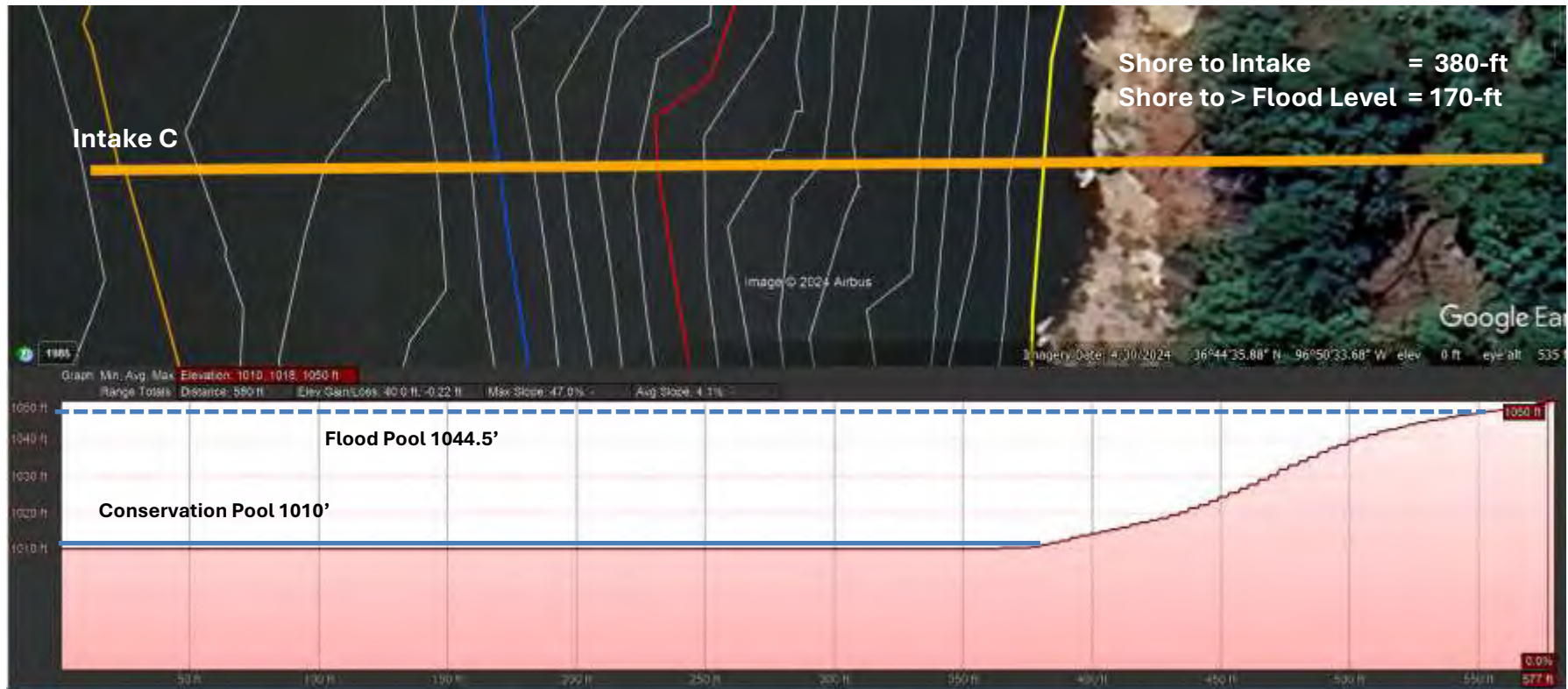


2.5.1.3 INTAKE LOCATION C

Intake Location C is located on the east bank north of Location B, see Figure 2-7. The following summarizes this location evaluation for the key criteria.

Criteria	Discussion
Water Quality	Location C is on the east bank and north of Location B and closer to the middle Kaw (Lower). As discussed in Section 1, within the Kaw (Lower), the middle part of the lake has the best overall water quality. The south end exhibited higher average manganese and turbidity levels.
Shoreline to Intake Distance	40-foot water depth (from conservation pool elevation 1010) is approximately 380-feet from shoreline.
Proximity and Shoreline Accessibility	Kaw Lake flood pool elevation is 1044.50 and historically the record high water level reached 1047. To maintain the shoreline infrastructure (such as the pump station) above flood elevation, they must be located more than 170-feet from the shoreline.
USACE Permit	Requires USACE Permit. Based on land use information provided by the USACE, shoreline facilities such as the pump station could be located within the Government property but will require 408-permit.
Constructability & Capital Cost	Average due to 1) the shoreline facilities located at modest proximity from shore and 2) less pipeline connection to the conveyance transmission connection compared to Locations A and D.
Maintenance & Operation	Average

Figure 2-7 Intake Location C Layout Concept

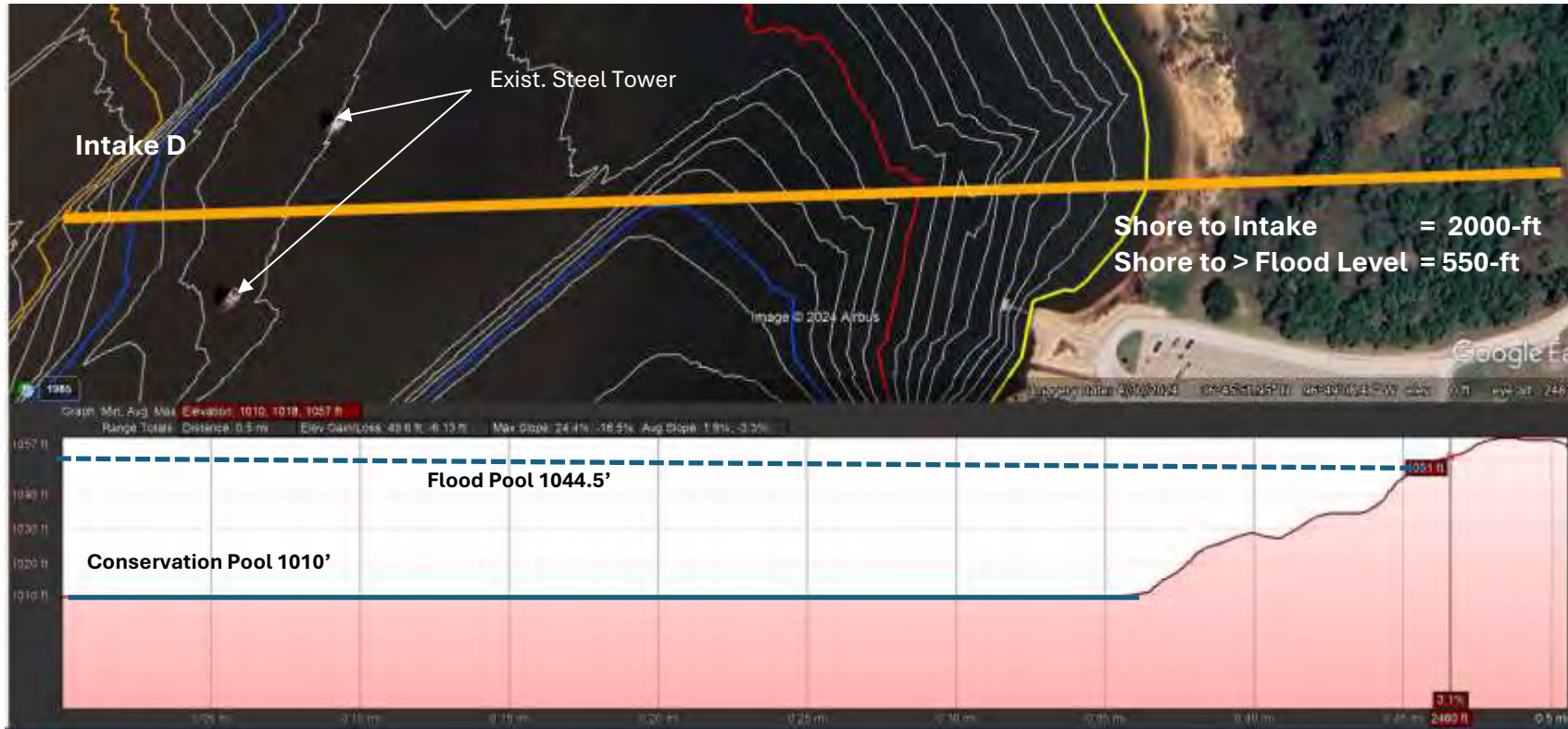


2.5.1.4 INTAKE LOCATION D

Intake Location D is located on the east bank north of Location C, near the Sarge Creek Cove, see Figure 2-8. The following summarizes this location location evaluation for the key criteria.

Criteria	Discussion
Water Quality	Location D is on the east bank and north of Location C near the north end of Kaw (Lower). As discussed in Section 1, within the Kaw (Lower), the middle part of the lake has the best overall water quality. The north end exhibited higher average turbidity levels. This location is also in the direct flow direction through Highway 11 bridge that could potentially create accelerated siltation compared to other locations.
Shoreline to Intake Distance	40-foot water depth (from conservation pool elevation 1010) is approximately 2000-feet from shoreline.
Proximity and Shoreline Accessibility	Kaw Lake flood pool elevation is 1044.50 and historically the record high water level reached 1047. To maintain the shoreline infrastructure (such as the pump station) above flood elevation, they must be located more than 550-feet from the shoreline.
USACE Permit	Requires USACE Permit. Requires USACE Permit. Based on land use information provided by the USACE, shoreline facilities such as the pump station could be located within the Government property but will require 408-permit.
Constructability & Capital Cost	High due to 1) the shoreline facilities located at about 2000-feet from shore and 2) longer pipeline connection to the conveyance transmission connection compared to Locations C or B.
Maintenance & Operation	Average

Figure 2-8 Intake Location D Layout Concept



2.5.2 INTAKE LOCATION LOCATIONS COMPARATIVE EVALUATION SUMMARY

Criteria	Discussion			
	Intake Location A	Intake Location B	Intake Location C	Intake Location D
Water Quality ⁴	Below Average	Average	Above Average	Below Average
Shoreline to Intake Distance ²	600-feet	230-feet	380-feet	2,000-feet
Proximity and Shoreline Accessibility ⁵	Distance to > flood elevation: 2,800-feet	Distance to > flood elevation: 120-feet	Distance to > flood elevation: 170-feet	Distance to > flood elevation: 550-feet
USACE Permit ³	Government land, construction allowed but will require 408-permit.	Government land, construction allowed but will require 408-permit.	Government land, construction allowed but will require 408-permit.	Government land, construction allowed but will require 408-permit.
Constructability & Capital Cost ²	High	Average	Average	Above Average
Maintenance & Operation ¹	Average	Average	Average	Average

Notes:

1. "Average" indicates the criteria is comparable among locations. "High" indicates highest amongst the locations.
2. Distance is from shoreline to 40-foot water depth. Higher the distance, higher will be the construction cost and increased constructability difficulty.
3. Based on discussion with and land use map provided by USACE.
4. Based on USACE 2021 water quality monitoring data.
5. Distance is from shoreline to ground elevation that is above the flood pool elevation of 1044.50.

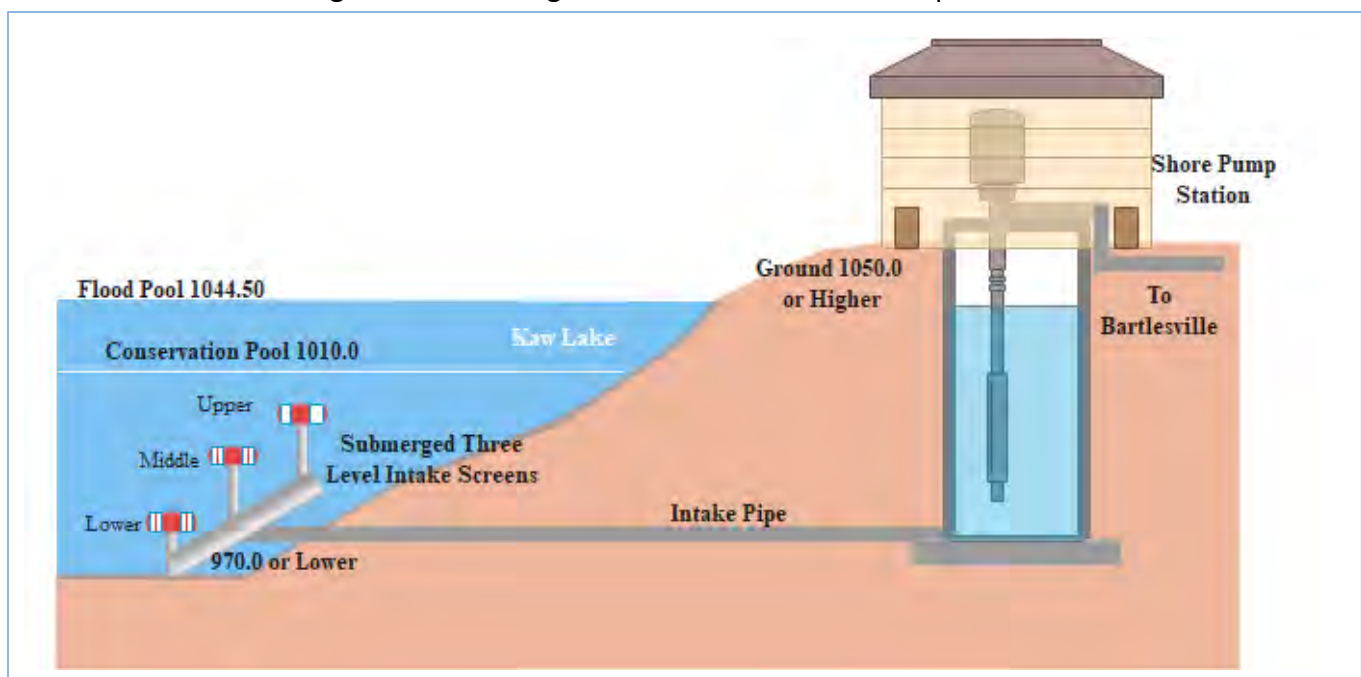
2.6 EVALUATION OF INTAKE TYPES

The conveyance of water from Kaw Lake to Bartlesville Lake Hudson will require pumping as discussed in Section 3. Therefore, in the intake type evaluation a pump station is assumed. Refer to Section 3 for the discussion of the conveyance system hydraulics and pipeline alignments.

2.6.1 SUBMERGED INTAKE WITH ONSHORE PUMP STATION (TYPE 1)

In this configuration, a submerged intake is located within the lake and a suction header is extended to an onshore pump station, see Figure 2-9.

Figure 2-9 Submerged Intake with Offshore Pump Station



Intake screens set at three different levels are connected to a common header that connects to the intake pipe that is extended to the pump station well. Each screen is provided with a electric operated control valve that is remotely operated from the shoreline pump station to select a particular level for withdrawal. From the pump station, vertical turbine pumps would be used to transfer water to Bartlesville Hudson Lake. Top of the pump operating floor and electrical gears will be located above the flood pool elevation, approximately 1050.0.

Submerged intake of this type allows pre-fabrication of the screens and the pipe manifold offshore, taken to the lake for submergence in-place. This will require marine construction techniques for the pile supports for the pipe header and underwater pipeline connections.

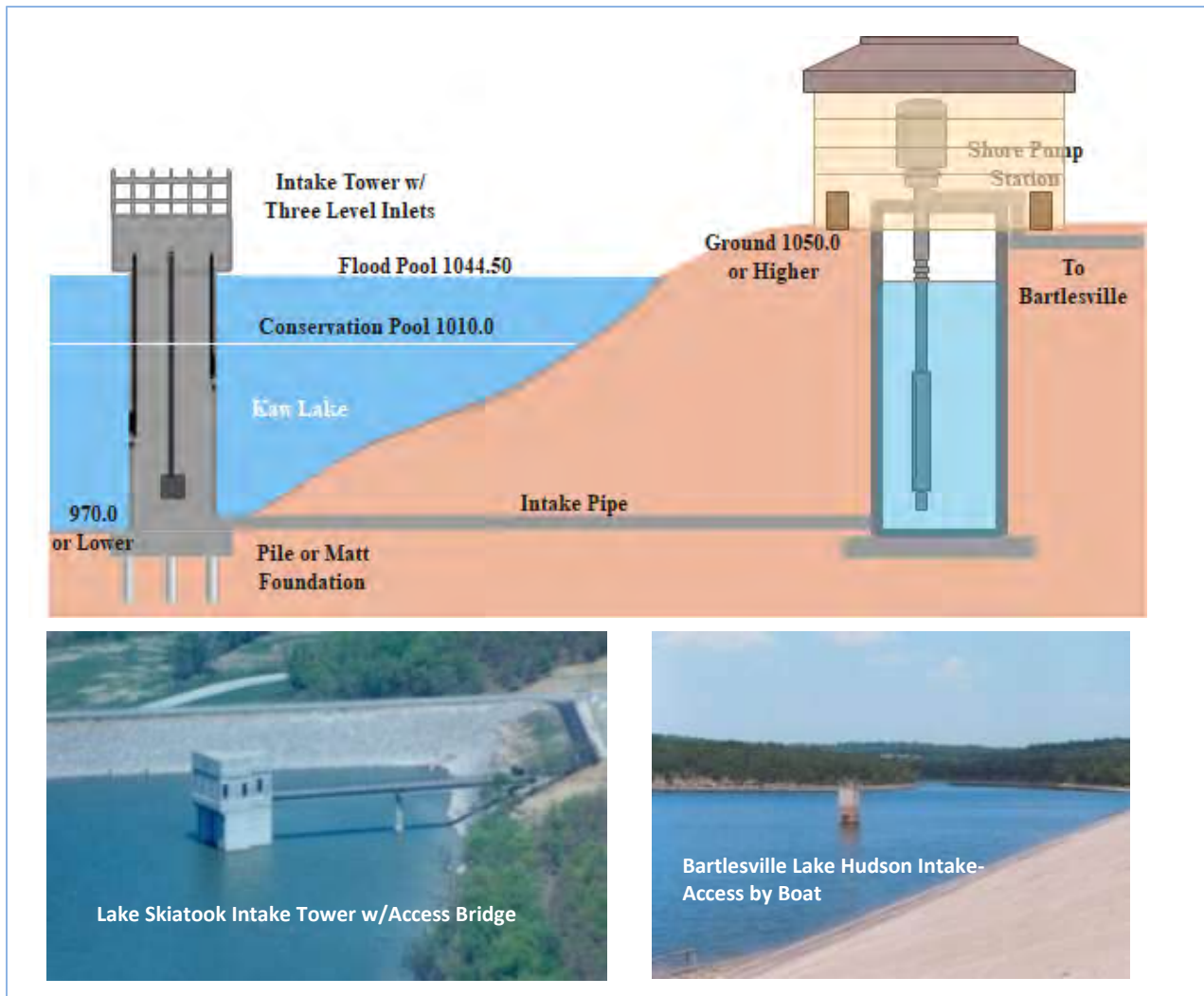
This submerged intake configuration is similar to City of Enid's recently completed intake structure and this type of configuration successfully went through USACE approval process. City of Edmond is also

constructing a submerged intake on Lake Arcadia that successfully went through USACE approval process.

2.6.2 FREE STANDING INTAKE (INTAKE TOWER) WITH ONSHORE PUMP STATION (TYPE 2)

Instead of submerged screens, in this option a permanent concrete structure within the lake is constructed for use, see Figure 2-10.

Figure 2-10 Intake Tower with Offshore Pump Station



The structure will have multiple level intake screened openings to draw water into the well from where it flows by gravity to the offshore pump station well. These screened openings will have sluice gates to individually select the level for withdrawal. The intake tower can be provided with or without a bridge to the shoreline. Without a bridge the access is by boat. Examples (Lake Skiatook and Bartlesville’s Lake Hudson intakes) of these types are show in Figure 2-10.

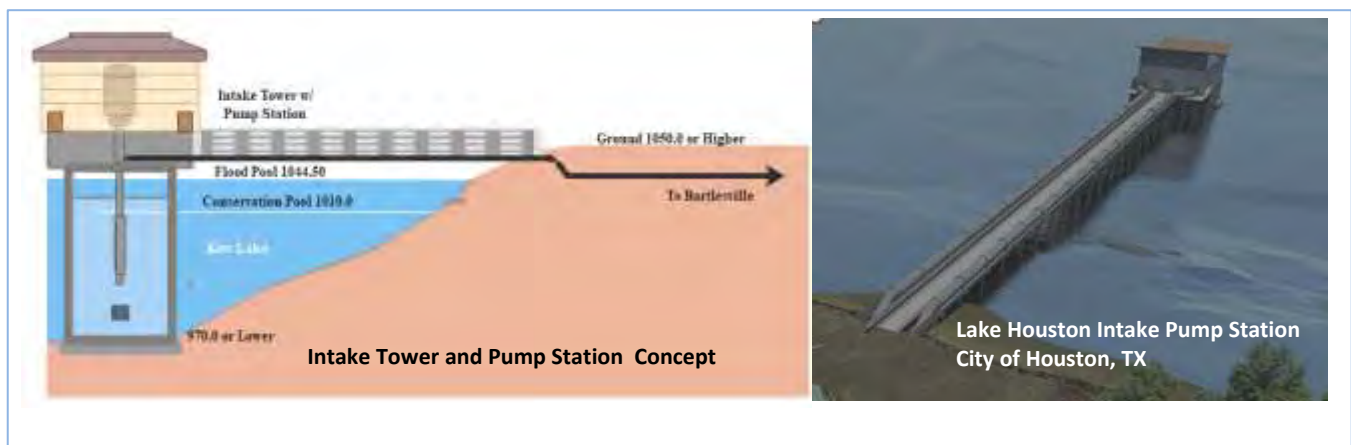
The intake tower is typically constructed of either cast-in-place concrete or prefabricated concrete sections assembled in place. Kaw Lake conservation pool is 1010.0 and the flood pool elevation is 1044.50. However, during the 2019 flood, the Kaw lake level exceeded 1047 feet. Assuming a 3-foot freeboard, the top of the tower will be approximately 1050.0. With minimum 40-foot water depth goal at the intake location, the total height of the intake tower will be approximately 80-feet with 40-feet extending above the conservation pool level.

This type of intake tower is typically constructed as part of original lake construction. Constructing them in an active lake will require considerably higher construction cost than the submerged intake especially if an access bridge is included. Initial discussion with USACE did not rule out the permitting approval; however, any structure extending above the water level will require extended review and approval process.

2.6.3 FREE STANDING INTAKE TOWER COMBINED WITH PUMP STATION (TYPE 3)

This option uses a permanent pump station structure within the storage pool, see Figure 2-11. Vertical turbine pumps would be positioned to pump water from the structure to the discharge pipe. Multiple intake ports with isolation gates would be provided to allow selection of different lake levels for withdrawal. This option may be constructed with either a bridge to provide access from shore or a dock to provide access by boat. Piping and electric cables may be attached to the bridge (if provided) or anchored to the lakebed. The top of this pump station should be above the flood pool elevation. The pumps will be protected with an enclosure building. An example of this type (City of Houston) is shown on Figure 2-11.

Figure 2-11 Intake Tower Combined with Pump Station



Incorporating the pump station as part of the intake tower eliminates the need for a shoreline pump station but it requires construction and maintenance of high voltage electrical and pumping system in the lake environment. Initial discussion with USACE did not rule out the permitting approval; however, any structure extending above the water level will require extended review and approval process.

Based on discussion with Bartlesville staff, this type of intake pump station is not preferred and therefore, not included in further considerations.

2.6.4 FLOATING INTAKE COMBINED WITH PUMP STATION (TYPE 4)

This option uses a floating barge as the platform to house vertical shaft pumps in a building enclosure. The floating barge/pump platform would be moored over the deepest portion of the lake. It would rise and lower with the changing water level within the storage pool. The pumps would be configured to allow water to be withdrawn at various depths so that the best water quality can be selected. The pump station must be located such that the turbines do not hit the lake bottom at minimum storage pool levels.



Figure 2-12 Floating Intake Combined with Pump Station

For Kaw Lake, the water level variations between the conservation pool to the flood pool exceeds 37-feet and this level of variation presents constructability and structural integrity challenges for the floating pump station. Based on discussion with Bartlesville staff, the floating pump station is not preferred and therefore, not included in further considerations.

2.6.5 COMPARATIVE EVALUATION OF INTAKES

A comparative evaluation of intake pump station locations is summarized on Table 2-1 below.

Table 2-1 Intake Comparative Evaluation

Intake Type	Pros	Cons
Type 1- Submerged Intake with Onshore Pump Station.	<ul style="list-style-type: none"> • Lower construction cost. • Submerged infrastructure with minimum above water exposure. • Recently approved by USACE for Enid and Edmond. 	<ul style="list-style-type: none"> • Remote operated submerged valves. • Periodic maintenance requires experienced divers and marine inspection techniques. • Submerged electrical valves.
Type 2- Free Standing Intake with Onshore Pump Station.	<ul style="list-style-type: none"> • Traditional type and simpler operation. • No electrical equipment below water level or in the lake. 	<ul style="list-style-type: none"> • HIGH Construction cost. • Potential USACE potential permitting concerns.
Type 3- Free Standing Intake Combined with Pump Station.	<ul style="list-style-type: none"> • Does not require onshore tunnel construction and deep construction. 	<ul style="list-style-type: none"> • High construction cost. • High voltage equipment and pumps in potential water hazards. • Potential USACE potential permitting concern.

2.6.6 PERMIT REQUIREMENTS

For any new intake structure at the Kaw Lake, the following permit requirements will apply:

2.6.6.1 SECTION 408 PERMIT

The proposed intake locations are within the US Government land around the Kaw Lake. Section 408 permit administered by the USACE will be required for alterations proposed within the lands and real property interest of the USACE.

2.6.6.2 SECTION 404 PERMIT

Section 404 permit administered by the USACE will be required for discharge of dredging or fill material into any waters of the USA, including wetlands.

2.6.6.3 SECTION 10 PERMIT

Section 10 permit under the Rivers and Harbors Act of 1899 may be required for activities in navigable waters such as dredging, construction of docks and bulkheads and placing aids to navigation.

2.6.6.4 SECTION 401 WATER QUALITY CERTIFICATION

Section 401 Water Quality certification by the state will be required. Under Section 401 of the Clean Water Act (CWA), a federal agency may not issue a permit or license to conduct any activity that may result in any discharge into waters of the United States unless a Section 401 water quality certification is issued, or certification is waived. States and authorized tribes where the discharge would originate are generally responsible for issuing water quality certifications.

2.6.6.5 WATER RIGHTS PERMIT

Bartlesville currently does not have any water rights on Kaw Lake. Storage rights and water rights from the United States Army Corps of Engineers(USACE) and the Oklahoma Water Resources Board (OWRB), respectively, will be required to access water at Kaw Lake. In addition, there is still certain unresolved issues between the Osage Nation and the OWRB regarding water rights which may impact the new water rights.

2.6.6.6 ODEQ PERMIT TO CONSTRUCT

For the intake infrastructure, a permit to construct from Oklahoma Department of Environmental Quality (ODEQ) will be required.

3.0 PIPELINE ALIGNMENT

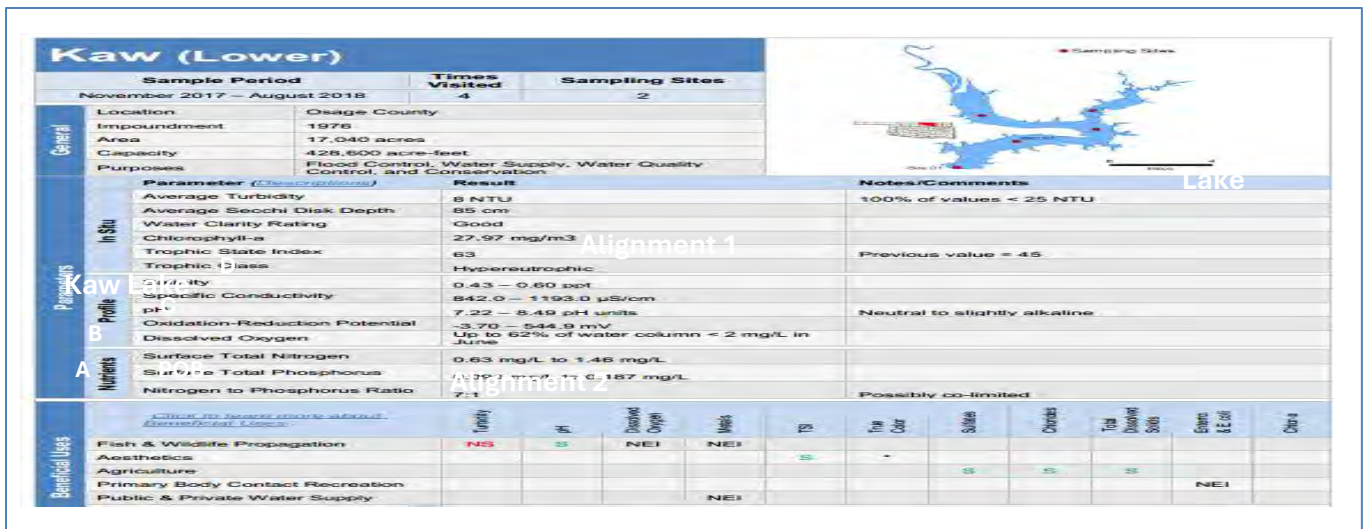
3.1 INTRODUCTION

The proposed system will convey raw water from Kaw Lake intake to a discharge point in the upper reaches of Hudson Lake at Butler Creek. The intake facilities include an intake structure, pump station and location-specific discharge piping called “spur” piping which connect to the main pipelines.

Two alignments – Alignment 1 and 2 – were identified and evaluated as summarized below. Alignment 1 is the most remote and least accessible but is the shortest. It also generally follows the alignment proposed earlier by the U.S. Corps of Engineers 2007 study. Alignment 2 is much more accessible but longer.

Figure 3-1 shows an overview of each alignment from a common point of beginning (POB) to each of the four potential intake locations A, B, C and D. Connecting pipelines (“spurs”) from each location to the main alignments are discussed later in this section.

Figure 3-1 Overview of Alignments 1 and 2



3.2 ALIGNMENT DESCRIPTIONS

3.2.1 ALIGNMENT 1

3.2.1.1 GENERAL DESCRIPTION

The point of beginning (POB) of Alignment 1 is located one mile east of County Road 4901, approximately 4.5 miles east of the east abutment of the Kaw Lake dam and 0.75 miles north of Highway 60. Portions of the pipeline are described as follows (see Figures 3-2, 3-3 and 3-4):

- Mile 0.0 to Mile 10.7: From the POB the pipeline follows a high-voltage powerline which generally runs in a northeasterly direction for approximately 10.7 miles to a point near Highway 18 approximately 1 mile south of Shidler.
- Mile 10.7 to Mile 40.9: At the 10.7-mile point, the pipeline turns east and runs along an existing high-voltage powerline for 30.20 miles (it does depart from the power line when the line jogs to the north around the Drummond Lodge) where it intersects an existing easement for Products Pipeline which runs diagonally from southwest to northeast.
- Mile 40.9 to Mile 45.3: The line runs northeasterly and parallels Products Pipeline for about 4.4 miles.
- Mile 45.3 to Mile 45.9: The line then turns due east (and crosses Products Pipeline) for 0.6 miles to the discharge point at Hudson Lake adjacent to the Butler Creek tributary.

3.2.1.2 CONSIDERATIONS FOR ALIGNMENT 1

- Potential Wholesale Customers (See Figure 3-7):
 - City of Shidler. The proposed alignment comes within 1.0 mile of Shidler. A connection could serve as a supplemental source of supply. However, the Shidler system only serves a population of approximately 400.
 - City of Pawhuska. The proposed alignment crosses Middle Bird Creek, which is the main tributary that feeds Bluestem Lake, the main water source for the City of Pawhuska. The crossing is approximately 6 stream miles above (to the northwest) of the upper reaches of the lake. A discharge at this location or a piped connection directly to Pawhuska's raw water line from the lake to their water treatment plant (another 3.5 miles) could serve as a backup supply for Pawhuska. Pawhuska serves a population of approximately 3,000 plus two or three rural water districts.
 - Osage RWD No. 21. Osage RWD 21 covers a large area of northwest Osage County plus parts of eastern Kay County. The district serves a population of only about 1,500 but its service area covers large part of the western reaches of the pipeline. Their current raw water supply is groundwater from wells in the far northwest part of the district, away from the proposed pipeline. This, along with the fact that they currently treat groundwater instead of surface water, is not advantageous for a potential connection; however, they have recently had water quality problems with their current source.
 - Ranchers. Much of the proposed pipeline crosses large ranches, including the Drummond Ranch. There may be some potential to supply small amounts of raw water for livestock.

Figure 3-2 Alignments 1 and 2 (Sheet 1 of 3)

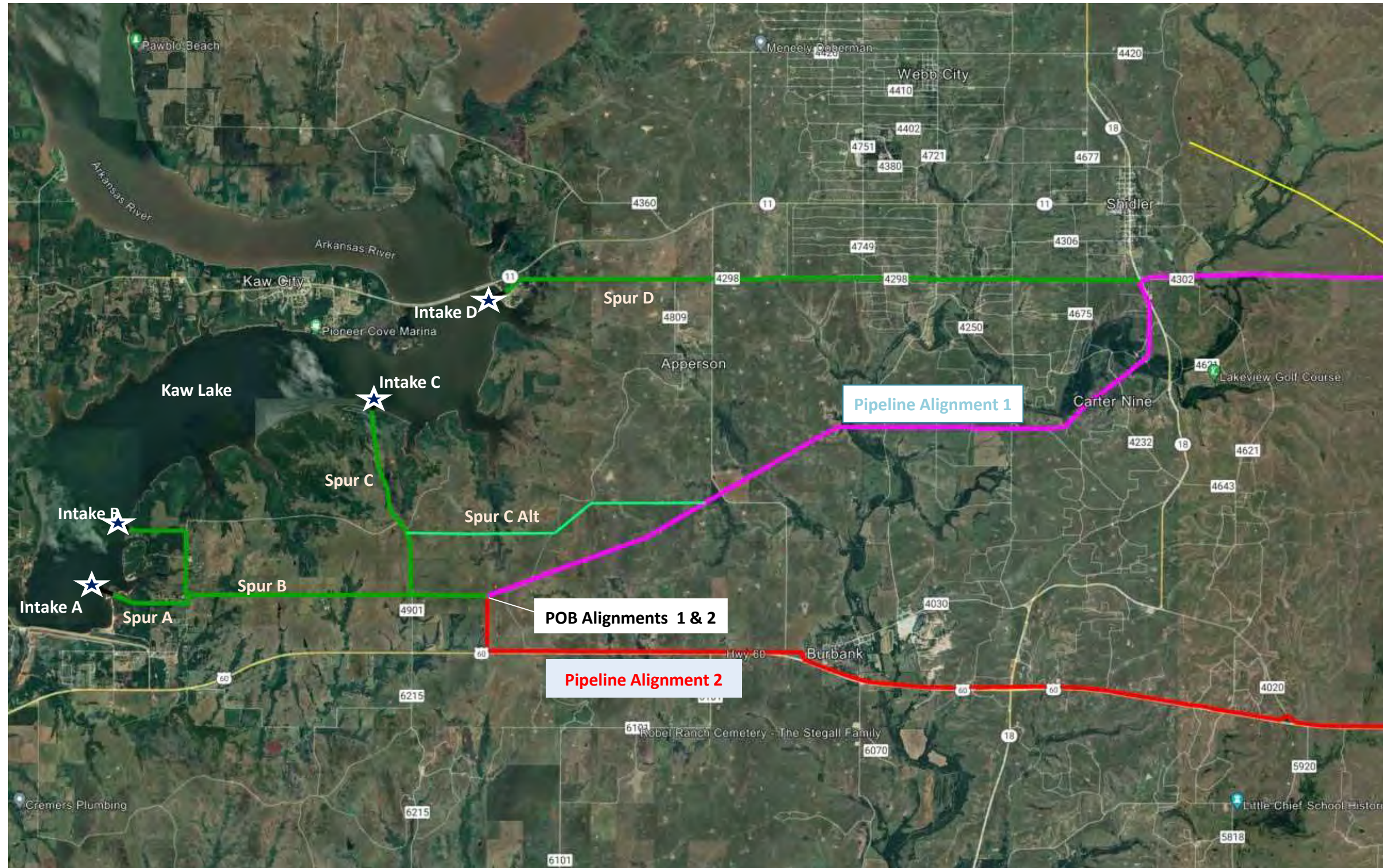


Figure 3-5 Alignments 1 and 2-Crossing of Waterbodies and Potential Wetlands

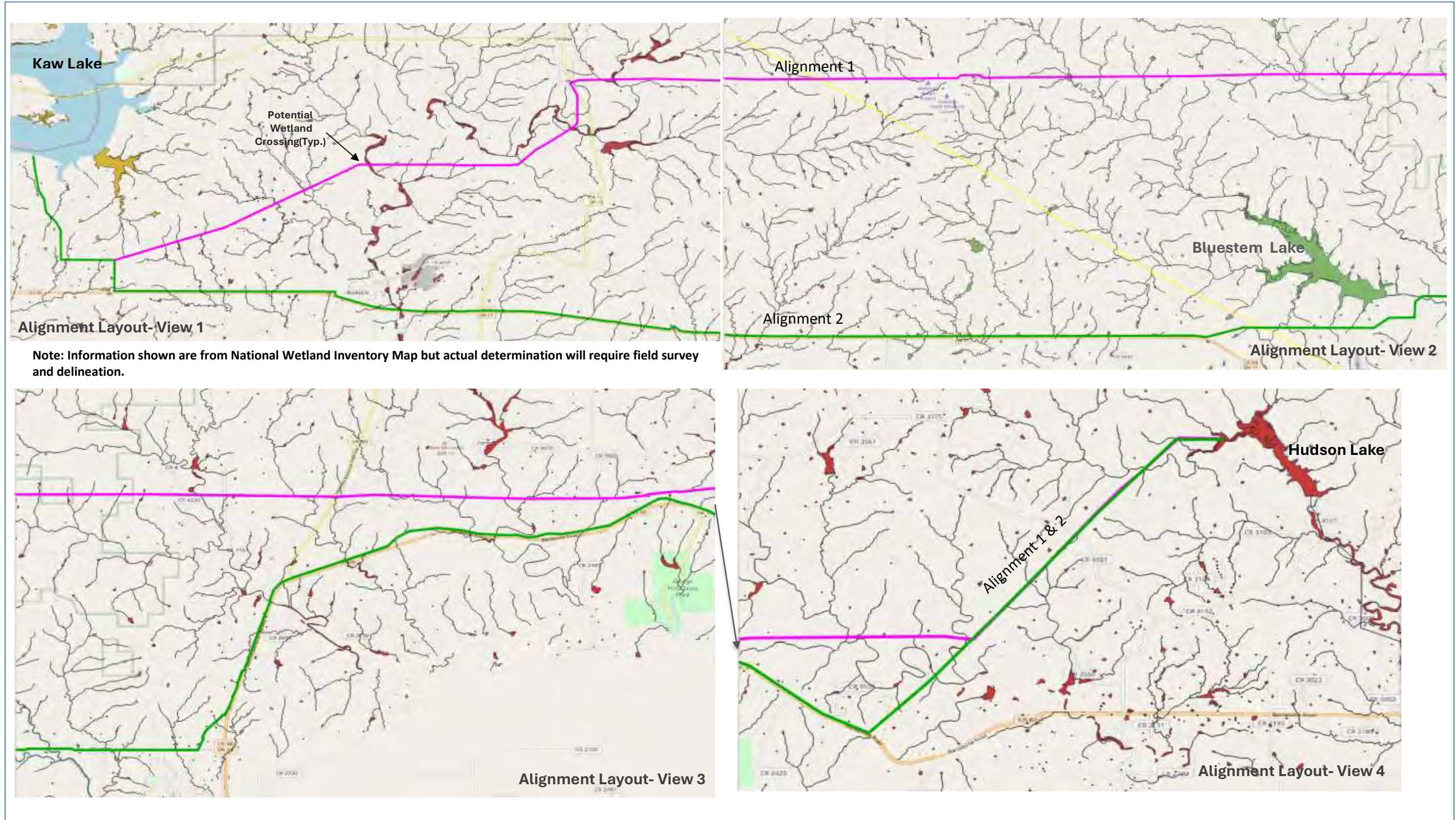
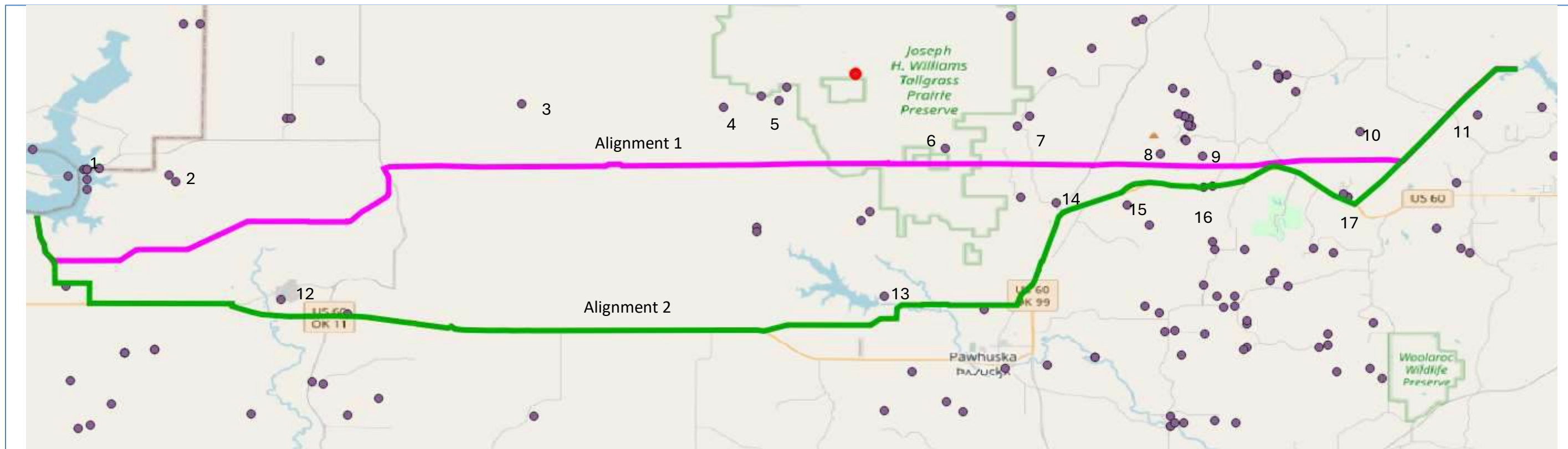
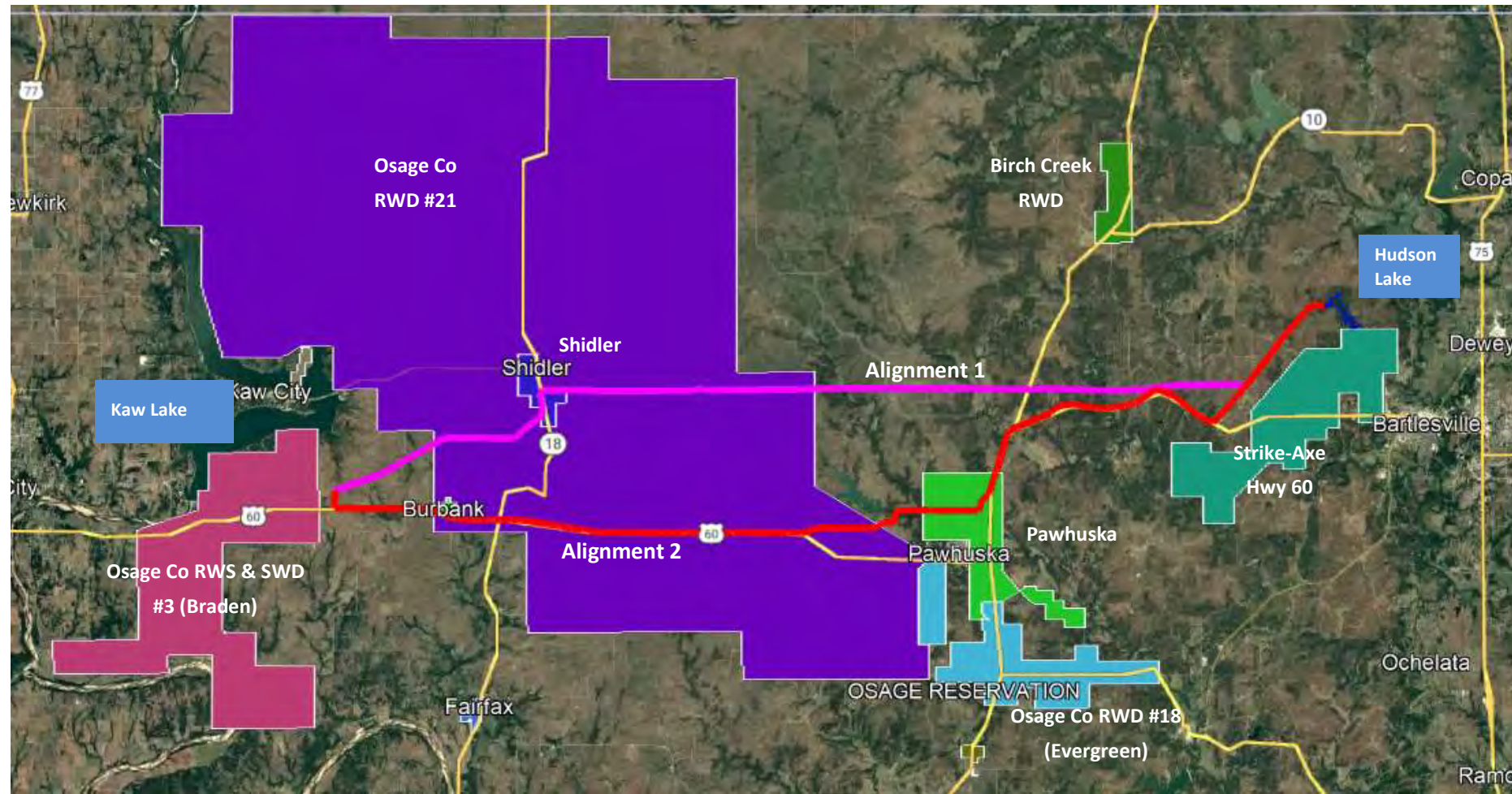


Figure 3-6 Alignments 1 and 2-OWRB Groundwater Wells Data Search



ID	Description	ID	Description
1	GW Well (Year 1952)-Chaparral Energy; Phillips Petroleum	9	GW Well (Year 1987)-John D Free
2	GW Well (Year 2023)- Shae Stierwatt	10	GW Well (Year 1986)-Mrs. Bill Keeler
3	GW Well (Year 2013)- Rhonda Khomle	11	GW Well (Year 1984)-W. Mc. Rogers
4	GW Well (Year 1993)-No Owner Name	12	GW Well (Year 2004)-Reuben Rowe
5	GW Well (Year 1985)- Maarsha Cochran	13	GW Well (Year N/A)-Sooner Land &Cattle
6	GW Well (Year 2015)- Rick Haffer	14	GW Well (Year 2022)-Charlie Chambers
7	GW Well (Year 1991)-No Owner Name	15	GW Well (Year 2001)-Rick & Jo Gevaert
8	GW Well (Year 2010)-Doyle Bishop	16	GW Well (Year 2002)-Pawnee HIS; GW Well -Robin Hausner Housemovers
		17	GW Well (Year 1986)-Jacuelin Smith #2 Well

Figure 3-7 Osage County Rural Water System Along the Alignments



No	Water System Name	Phone	Contact	Email	Population Served	Avg. Demand Est (MGD)*	Source Water
1	OSAGE CO RWD #21	918-433-2225	Jill Gray, Chairperson	rwd21osageco@gmail.com	1575	0.158	LAKE CHARLOTTE
2	SHIDLER	918-793-7171	Jace Gullic	shidlerutilityclerk@yahoo.com	404	0.040	RWD#21
3	OSAGE CO RWS & SWMD #3 (BRADEN)	580-765-2426	Wayne Ray Mitchell, Chairman	bradenrwd3@gmail.com	867	0.087	Ponca City & Pawhuska
4	GRAYHORSE RWD		Todd Kelly, Chairperson	grayhorseruralwater@yahoo.com	100	0.010	Fairfax
5	FAIRFAX	918-642-5211		townoffairfax@windstream.net	1655	0.166	Fairfax Lake & Well 1
6	PAWHUSKA	918-287-3576	Mark Buchanan, Mayor		4060	0.406	Bird Creek/Bluestem Lake/Clear Creek Intake/Pawhuska Lake
7	HOMINY	918-885-2164	DAVIS, ROCKY (City Manager)		3814	0.381	Hominy Lake
8	BARNSDALL	918-847-2980	The Honorable John Kelly, Mayor	barnsdall@valornet.com	1955	0.196	Waxhoma Lake
9	OSAGE CO RWD # 5	918-695-7402	Dottie Gay, Chairperson	osagerwd5@yahoo.com	561	0.056	Barnsdall
10	STRIKE-AXE HWY 60	918-914-1621	David Sanderson, Chairman	rmdoubt@gmail.com	450	0.045	Bartlesville
11	OSAGE CO RWD # 1	918-535-2302	Kaleb Mackey	kmackey@umcco.com	930	0.093	Bartlesville

* Demand estimate assumes DEQ guideline of 100 GPCD

- Major Crossings:
 - Major Highways.
 - State Highway 18, Two-Lane, Asphalt – Cased Bore
 - State Highway 99, Two-Lane, Asphalt – Cased Bore
 - Major Roadways. (Paved or heavily used)
 - Bowring Road (3551), Two-Lane, Asphalt – Cased Bore
 - County Road 3060, Two-Lane, Asphalt – Cased Bore
 - County Road 3060, Two-Lane, Asphalt – Cased Bore (*2nd crossing*)
 - Apperson Road, Two-Lane, Crushed Rock – Open Cut or Cased Bore
 - Denoya Road (4751), Two-Lane, Crushed Rock – Open Cut or Cased Bore
 - Cameron Road, Two-Lane, Crushed Rock – Open Cut or Cased Bore
 - Foraker Road (4551), Two-Lane, Crushed Rock – Open Cut or Cased Bore
 - Minor Surfaced Roads.
 - County Road 4250, Two-Lane, Crushed Rock – Open Cut
 - County Road 4250, Two-Lane, Crushed Rock – Open Cut (*2nd crossing*)
 - County Road 4203, Two-Lane, Crushed Rock – Open Cut
 - County Road 4461, Two-Lane, Crushed Rock – Open Cut
 - County Road 4201, Two-Lane, Crushed Rock – Open Cut
 - County Road 4230, Two-Lane, Crushed Rock – Open Cut
 - County Road 4151, Two-Lane, Crushed Rock – Open Cut
 - County Road 3205, Two-Lane, Crushed Rock – Open Cut
 - County Road 3205, Two-Lane, Crushed Rock – Open Cut (*2nd crossing*)
 - 18 Other Miscellaneous Ranch and Oil Field Roads – Open Cut
 - Drives. None significant.
 - Railroads. None

- Products Pipelines.
 - Products Pipeline 1: A products pipeline which runs southwest to northeast near Hudson Lake will be paralleled on the west for 4.4 miles and crossed at Mile 45.3.
 - Products Pipeline 2: It appears that the pipeline will cross a products pipeline just east of Highway 99 at Mile 33.2.
 - Products Pipeline 3: It appears that the pipeline will cross a products pipeline at Mile 38.7 about 1.3 miles east of County Road 3060. The product pipeline appears to run southwest to northeast.
 - Potential Products Pipeline. There may be a products pipeline crossing at Mile 5.05, about 0.75 miles west of Denoya Road but it is uncertain.
 - Products Pipeline 5: It appears that the pipeline will cross another products pipeline at Mile 14.7 about 4 miles east of Highway 18.
 - Oil Field Piping: The proposed line crosses some areas with active oil production. Oil lines may also be crossed but they have not been identified or quantified.
 - *Note: The raw water pipeline which is near to (crosses or parallels) a products pipeline will need to be non-metallic or cathodically protected since the products pipelines are likely protected by induced-current cathodic protection systems, which could rapidly corrode any unprotected metallic parts of the raw water pipeline.*
- High-Voltage Powerlines (Overhead). Overhead high-voltage power lines will be crossed at least at 5 locations, and depending on the final alignment, perhaps more times. This should not be problematic but may require some additional cost for permitting and monitoring by the power company.
- Major Creeks and Waterbodies. Figure 3-5 shows the pipeline alignments crossing waterbodies and potential wetlands. Wetlands identified are based on National Wetland Inventory Map but actual determination will require field survey to delineate potential wetlands and Nationwide 404 permit from the USACE. Creek crossings will require vertical bends and bank protection.
 - Salt Creek
 - Salt Creek (*2nd crossing*)

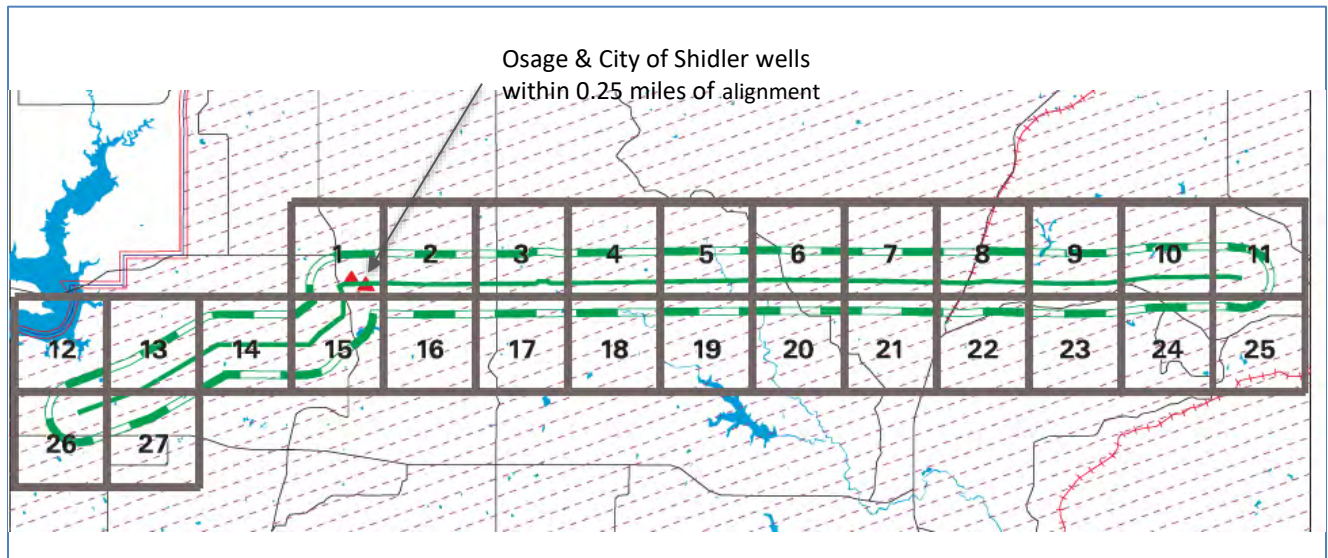
- Salt Creek (*3rd crossing*)
- Salt Creek Tributary
- Middle Bird Creek
- Middle Bird Creek Tributary
- Bird Creek Tributary
- Bird Creek
- Sand Creek
- Cedar Creek
- Rock Creek
- Buck Creek
- Butler Creek
- Minor Creeks and Drainage – Requiring only extra depth
 - Minor creeks will be crossed at 7 locations
- Alignment Accessibility
 - Mile 0 to Mile 10.9: In this part the pipeline alignment is in open pastureland but runs along the right-of-way (ROW) of existing high-voltage powerlines. The powerline ROW is clear. Public roadways cross the alignment at least every 2 to 3 miles, and much of the time at a much closer spacing. None of the segments are completely cut off by creeks which would limit access. Access would be via the pipeline ROW.
 - Mile 10.9 to Mile 30.2: This part of the line is also in open pastureland and along the ROW of existing high voltage power lines. Again, the power line ROW is clear. Public roadways cross the alignment but on a less frequent basis. The segment of pipeline immediately west of the Bird Creek crossing has essentially no access for 4.5 miles. This section includes crossings at Middle Bird Creek, Bird Creek, and the tributary of Bird Creek (immediately west of Bird Creek). Access would be via ROW and would require several drainage way crossings for locations that require routine access (paved low-water crossings). There are a few vehicle paths in this area, but they are private and permission for their use would have to be obtained. Access to the Middle Bird Creek crossing would be from the west (near Drummond Lodge). Access to the main Bird Creek crossing would be from the east. An existing public roadway is immediately adjacent to the crossing point. The Bird Creek tributary crossing and points between Middle Bird Creek and its tributary (3.5 miles which would probably include an air

valve) would have to be arranged although there are private ranch roads in this area.

- Mile 30.2 to Mile 35.0: This area is rolling and has many more trees, but the power line ROW is clear. Many more roadways cross the alignment in this area, so the area is fairly accessible. The longest segment without a public roadway crossing is less than 2 miles. Again, some minor drainage crossings would be necessary for routine access.
 - Mile 35.0 to Mile 40.9: This segment has public roadway access and significant private roadway access. One reach without access may reach 1 mile but most access points are more closely spaced.
 - Mile 40.9 to End: The existing ROW of Products Pipeline 1 appears to be clear, and the ROW is accessible via several private roads for the first 4 miles. The last mile is not accessible, and ROW would need to be used for access.
- Air Relief Valve and Vaults: It is estimated that 53 air release valves (in vaults) would be required.
 - Environmental Database Search. A search of available environmental records was conducted using an online service (Environmental Data Resources, Inc (EDR)). The report generated by EDR was designed to assist in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), and the ASTM Standard Practice for Limited Environmental Due Diligence.

A copy of the EDR Corridor Report is included in Appendix A. This report covers an area approximately 1-mile on either side of the alignment. The report identified two sites within the search area, see Figure 3-8, which are groundwater wells.

Figure 3-8 Alignment 1- Environmental Database Search - Corridor Map

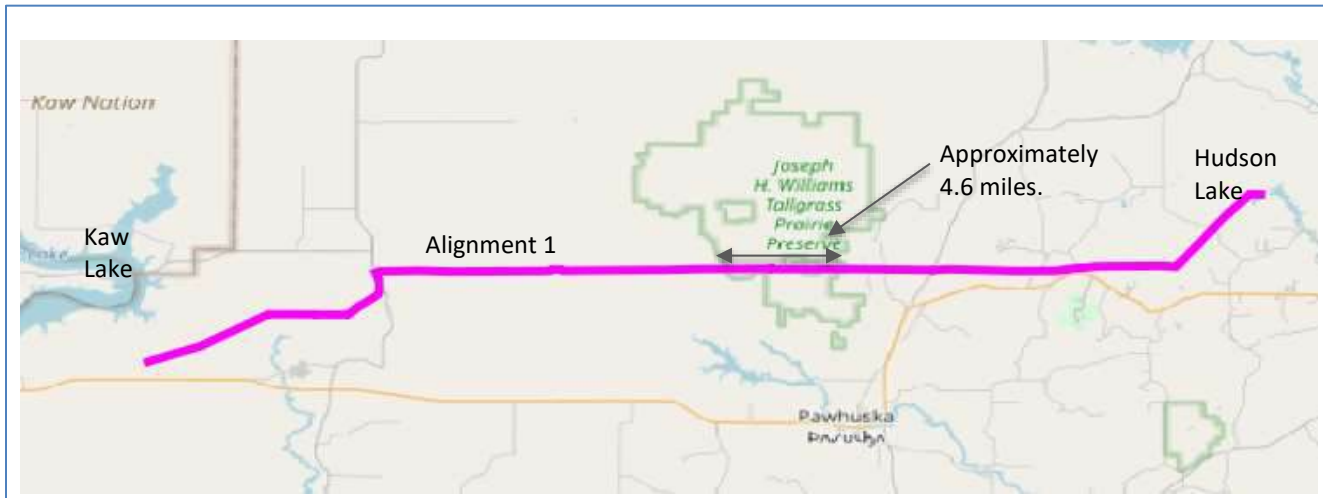


- Osage Nation Considerations: The 1906 Act passed by the Congress provided for the allotment of the Osage Nation's lands to individual Tribal members. Upon statehood in 1907, the Osage Indian Reservation, comprising approximately 1,475,000 acres, became Osage County, Oklahoma. Section 3 of the 1906 Act, as amended, severed the surface estate from the subsurface mineral estate, reserving all oil, gas, coal, and other minerals to the Osage Nation in perpetuity. Accordingly, the United States holds the subsurface mineral estate in Osage County, Oklahoma ("Osage Mineral Estate") in trust for the benefit of the Osage Nation. The 1906 Act authorizes the Osage Nation to lease the Osage Mineral Estate for oil, gas, and other mineral development "with the approval of the Secretary of the Interior, and under such rules and regulations as he may prescribe.

The entire segment of Alignment 1 is within the Osage Reservation. Excavation, removal and backfill of pipeline trenches and facilities could be subject to the Osage Mineral rights.

- Tallgrass Prairie. The proposed Alignment 1 crosses the Joseph H. Williams Tallgrass Prairie Reserve managed by the The Nature Conservancy (TNC), see Figure 3-9. S2E contacted TNC and spoke with Mr. Bob Hamilton (Tallgrass Prairie Initiative Director). Mr. Hamilton indicated that there are other pipelines allowed in the past and TNC would work with Bartlesville for the greater good; but Bartlesville must go through their legal office out of Atlanta, GA, for specific requirements.

Figure 3-9 Alignment 1 Crossing Natural reserve



- Right-of-Way Acquisition. A 50-foot permanent pipeline easement plus 50-foot temporary construction easements are recommended.

3.2.2 ALIGNMENT 2

3.2.2.1 GENERAL DESCRIPTION

The POB for Alignment 2 is at the same point as Alignment 1 just west of County Road 4901 approximately 4.5 miles east of the east abutment of the Kaw Lake dam and 0.75 miles north of Highway 60. It then runs south in a field 0.75 miles to Highway 60 where it turns easterly and runs along the north side of the highway approximately 20 miles to a point approximately 6.7 miles west of downtown Pawhuska. There it continues easterly in pasture land for approximately 4 miles where it turns north for about 0.6 miles and crosses Middle Bird Creek downstream of Bluestem Lake. From there it runs easterly for approximately 3.5 miles where it turns north northeasterly along Lynn Road. It parallels Lynn Road for 1.1 miles where it runs along the west and north sides of Highway 60 (and some of Old Highway 60) for 12.3 miles until it reaches the existing Products Pipeline 1 that runs diagonally from the southwest to northeast (the same line noted in Alignment 1). At that point it turns northeast and runs along the north side of the existing pipeline for 6.5 miles where it turns due east and discharges into Hudson Lake at the Butler Creek tributary. Refer to Figures 3-2, 3-3 and 3-4) for Alignment 2.

3.2.2.2 CONSIDERATIONS FOR ALIGNMENT 2

- Potential Wholesale Customers (see Figure 3-7).
 - City of Shidler. The proposed alignment is 4 miles south of Shidler. This may be too far for a supplemental connection for Shidler, especially for their service population of 400, but it would be possible.

- City of Pawhuska. In 2016, saltwater from oil field activities leaked into Middle Bird Creek. The spill contaminated Bluestem Lake and forced Pawhuska to use an alternate water source for a period. The proposed alignment crosses Middle Bird Creek just downstream of Bluestem Lake and in this area crosses the city's raw water line running from the lake to their water treatment plant. Providing a connection to Pawhuska's raw water line could serve as a secure backup supply for Pawhuska.
- Ranchers. Much of the proposed pipeline crosses large ranches. There might be some potential to supply small amounts of raw water for stock.
- Major Crossings.
 - Major Highways.
 - State Highway 18, Two-Lane, Asphalt – Cased Bore
 - State Highway 99, Two-Lane, Asphalt – Cased Bore
 - Major Roadways. (Paved or heavily used)
 - Apperson Road, Two-Lane, Crushed Rock – Open Cut or Cased Bore
 - South Avenue, Burbank, Two-Lane, Asphalt – Cased Bore
 - 7th Street, Burbank, Two-Lane, Asphalt – Cased Bore
 - Remington Road, Burbank, Two-Lane, Asphalt – Cased Bore
 - County Road 4020, Two-Lane, Asphalt – Cased Bore
 - County Road 4225, Two-Lane, Asphalt – Cased Bore
 - County Road 4205, Two-Lane, Asphalt – Cased Bore
 - Lynn Road, Pawhuska, Two-Lane, Asphalt – Cased Bore
 - County Road 4220, Two-Lane, Asphalt – Cased Bore
 - Unnamed Road, Two-Lane, Asphalt – Cased Bore
 - County Road 4151, Two-Lane, Asphalt – Cased Bore
 - County Road 3060, Two-Lane, Asphalt – Cased Bore
 - County Road 3060, Two-Lane, Asphalt – Cased Bore (*2nd crossing*)
 - County Road 3505, Two-Lane, Asphalt – Cased Bore
 - Bowring Road (3551), Two-Lane, Asphalt – Cased Bore
 - Minor Surfaced Roads.

- County Road 4921, Two-Lane, Crushed Rock – Open Cut
- County Road 4275, Two-Lane, Crushed Rock – Open Cut (2nd crossing)
- 42 Other Minor Roads – Open Cut
 - Drives. 20 Private Drives
- Railroads. None
- Products Pipelines.
 - Products Pipeline 1: A products pipeline which runs from southwest to northeast near Hudson Lake will be paralleled on the west for 4.4 miles and crossed at Mile 48.8.
 - Products Pipeline 2: It appears that the pipeline will cross a products pipeline at Mile 35.6.
 - Products Pipeline 3: It appears that the pipeline will cross a products pipeline at Mile 40.7 just east of County Road 3060. The product pipeline appears to run southwest to northeast.
 - Products Pipeline 4: It appears that the pipeline will cross another products pipeline at Mile 40.7 just a few feet west of Products Pipeline 3.
 - Products Pipeline 5: It appears that the pipeline will cross another products pipeline at Mile 22.3 about 1.5 miles east of the pipeline's departure from Highway 60.
 - Oil Field Piping: The proposed line crosses some areas with active oil production. Oil lines may also be crossed but they have not been identified or quantified.
 - *The raw water pipeline which is near to (crosses or parallels) a products pipeline will need to be non-metallic or cathodically protected since the products pipelines are likely protected by induced-current cathodic protection systems, which could rapidly corrode any unprotected metallic parts of the raw water pipeline.*
- High-Voltage Powerlines (Overhead). Overhead high-voltage power lines will be crossed at least at 2 locations, and depending on the final alignment, perhaps more times. This should not be problematic but may require some additional cost for permitting and monitoring by the power company.
- Major Creeks. Figure 3-5 shows the pipeline alignments crossing waterbodies and potential wetlands. Wetlands identified are based on National Wetland

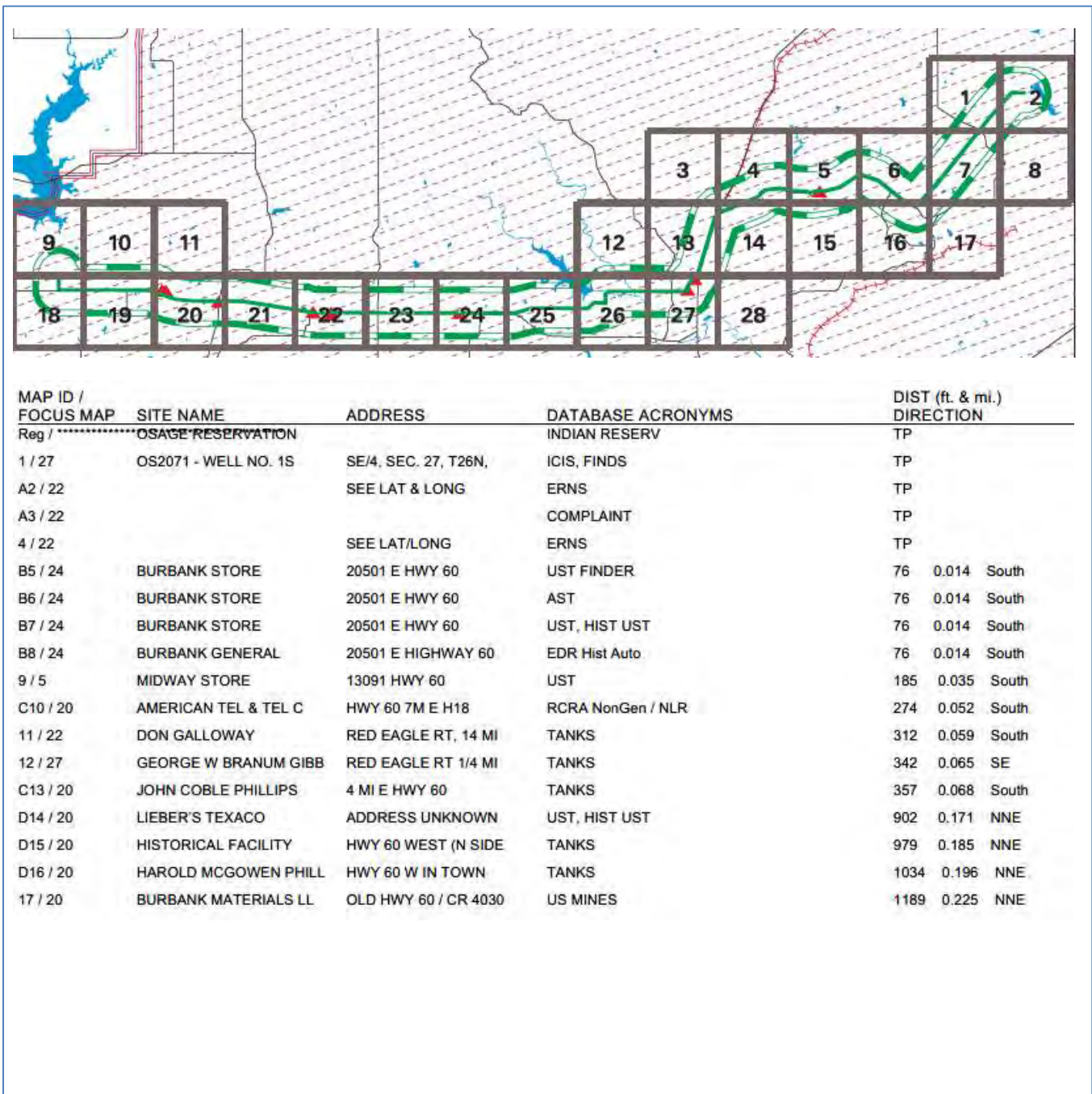
Inventory Map but actual determination will require field survey to delineate potential wetlands and Nationwide 404 permit from the USACE. Creek crossings will require vertical bends and bank protection.

- Salt Creek
- Little Chief Creek
- Baconrind Creek
- Baconrind Creek Tributary
- Middle Bird Creek
- Bird Creek
- Mud Creek
- Soldier Creek
- Unnamed Creek
- Sand Creek
- Cedar Creek
- Rock Creek
- Rock Creek Tributary
- Bush Creek
- Butler Creek
- Minor Creeks and Drainage – Requiring only extra depth
 - Minor creeks will be crossed at 37 locations
- Alignment Accessibility
 - Mile 0 to Mile 0.7: This segment will be in a field that abuts Highway 60.
 - Mile 0.7 to Mile 20.2: In this part the pipeline alignment generally runs along the north ROW of Highway 60.
 - Mile 20.2 to Mile 24.5: This segment runs across open fields. Access is good via several public and private roads.
 - Mile 24.5 to Mile 25.0: This short segment of pipeline runs along the south side of County Road 4275.
 - Mile 25.0 to Mile 27.0: This segment runs through open fields and one wooded area. It is accessible from County Road 4275 from the south and County Road 4070 from the east. One private road crosses the pipeline between the two.

- Mile 27.0 to Mile 29.0: This segment runs along the south side of County Road 4070 for its full length.
 - Mile 29.0 to Mile 30.0: This segment runs along either side of Lynn Road for its full length.
 - Mile 30.0 to Mile 42.3: The pipeline in this area runs along Highway 60 or parts of Old Highway 60 on the west and/or north sides.
 - Mile 42.3 to End: This segment runs along the west side of Products Pipeline 1 ROW for 7 miles. The existing ROW of Products Pipeline 1 appears to be clear, and the ROW is accessible via several private roads for the first 6 miles. The last mile is not well accessible, and ROW would need to be used for access.
- Air Relief Valve and Vaults: It is estimated that 65 air release valves (in vaults) would be required.
 - Environmental Database Search: A search of available environmental records was conducted using an online service (Environmental Data Resources, Inc (EDR)). The report generated by EDR was designed to assist in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), and the ASTM Standard Practice for Limited Environmental Due Diligence.

A copy of the EDR Corridor Report is included in Appendix A. This report covers an area approximately 1-mile on either side of Alignment 1. The report identified sixteen sites along the alignment and they include underground storage tanks (UST), above ground tanks (AST) and individual oil tanks, see Figure 3-10.

Figure 3-10 Alignment 2- Environmental Database Search - Corridor Map



- Osage Nation Considerations: Alignment 2 is also in Osage Reservation and the Osage Mineral rights discussed under Alignment 1 apply here as well.
- Right-of-Way Acquisition: A 50-foot permanent pipeline easement plus 50-foot temporary construction easements are recommended.

3.2.3 PIPELINE SPURS

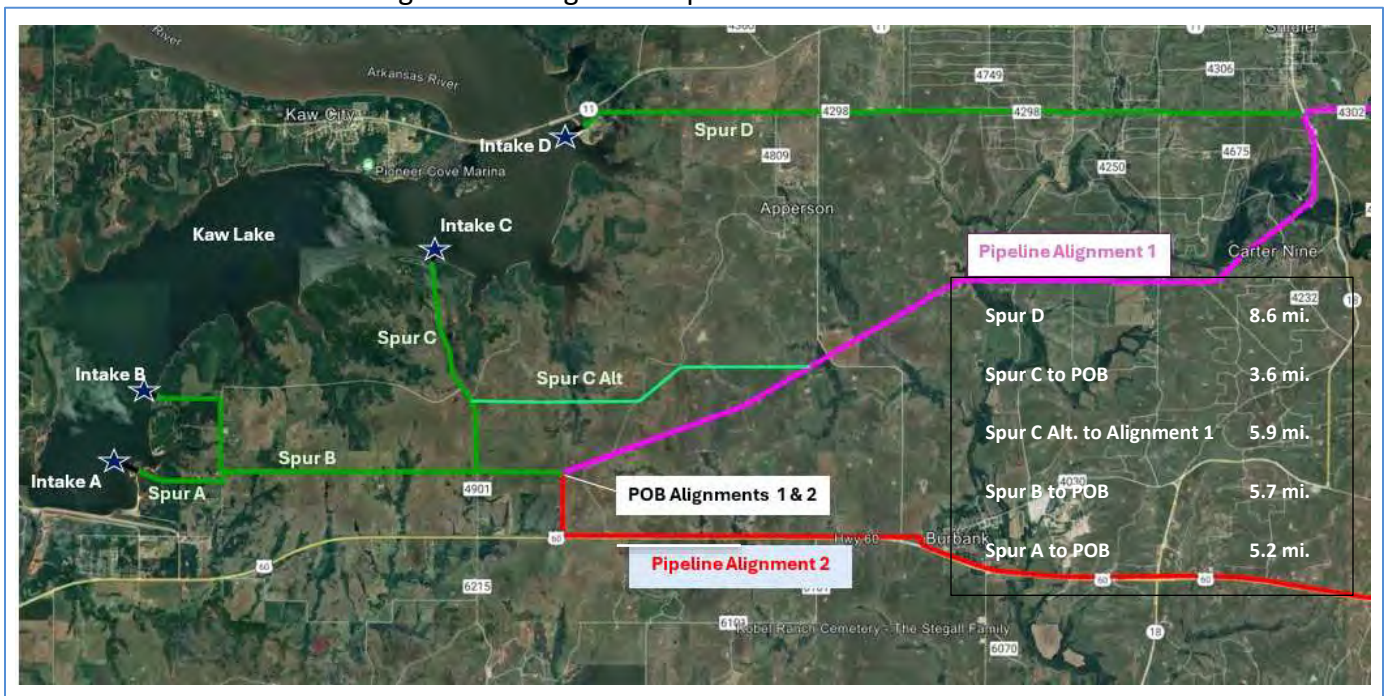
The “spurs” constitute pipelines from the potential intake locations A, B, C and D to the alignments as shown on Figure 3-11.

- Spur A is from Intake Location A to the Alignment POB and is approximately 5.2 miles.
- Spur B is from Intake Location B to the alignment POB and is approximately 5.7 miles.
- Spur C is from Intake Location C to the alignment POB and is approximately 5.9 miles (it connects to Alignment 1 further downstream of POB).
- Spur D is from Intake Location D to Alignment 1 connecting near Highway 18.

As discussed earlier, from water quality and accessibility criteria, Intake Location C is most appropriate compared to the other three locations.

- From Intake Location C to Alignment 1, the total length of pipeline to Hudson Lake is approximately 48.7 miles.
- From Intake Location C to Alignment 2, the total length of pipeline to Hudson Lake is approximately 52.9 miles.

Figure 3-11 Alignment Spurs to Intake Locations



3.3 PIPELINE HYDRAULICS

Conveyance of raw water from Kaw Lake to Hudson Lake will require an intake pump station, pipeline of appropriate size and design which are discussed in this section.

3.3.1 PIPE SIZE SELECTION

The study objective is to provide a design flow of 14 million gallons per day (MGD) with options for 18 MGD and 22 MGD. For a given flow rate, the pipe size determines the flow velocity which in turn determines the frictional head loss and transient surge pressures. For this conceptual analysis, pipe velocity of 5 feet per second (fps) and up to 7 fps are assumed. With this assumption, a

		PIPE VELOCITY (FPS)					
Dia (ID)	Area	MGD	5	10	14	18	22
Inches	ft ²	CFS	7.74	15.47	21.66	27.85	34.04
20	2.18		3.5	7.1	9.9	12.8	15.6
24	3.14		2.5	4.9	6.9	8.9	10.8
30	4.91		1.6	3.2	4.4	5.7	6.9
36	7.07		1.1	2.2	3.1	3.9	4.8
42	9.6211		0.8	1.6	2.3	2.9	3.5

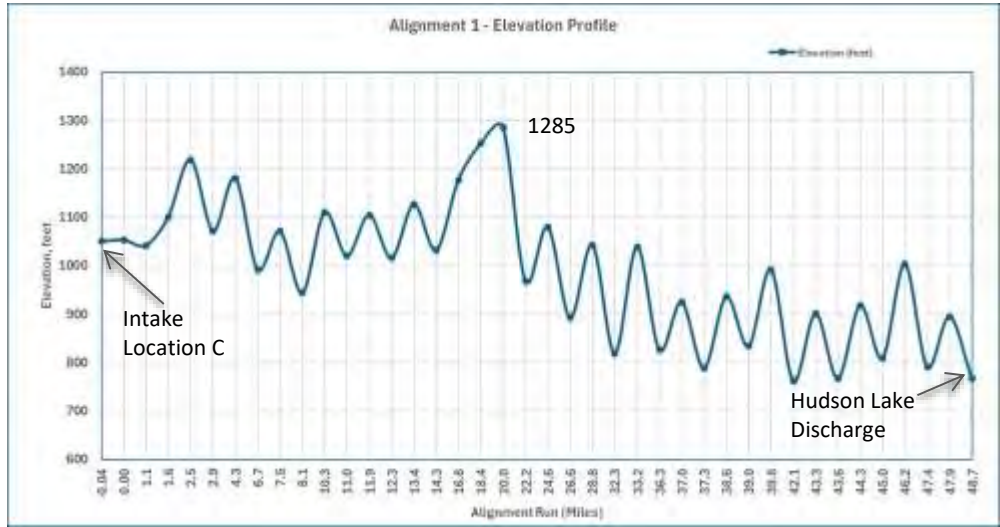
minimum pipe diameter of 24-inch is necessary as shown on the “Pipe Velocity” table to accommodate 14 MGD but a minimum 30-inch will be necessary to provide 18- and 22-MGD capacity. However, to maintain the intake pump station operating pressures below 200 psi, preliminary hydraulic calculation indicates a minimum pipe size of 36-inch. Therefore, minimum 36-inch pipe diameter is assumed in the pipe hydraulics discussed below.

3.3.2 PIPE MATERIAL

For raw water transmission pipelines steel, ductile iron and concrete pipe materials are typically used. PVC or high density polyethylene pipe materials are also used in some instances but in large sizes (greater than 24”), the pressure ratings and wall thickness considerations make them less desirable. The alignment route is known to have petroleum pipeline crossings and from corrosion considerations steel bar-wrapped concrete pipe material is preferred and is assumed in the analysis. Based on discussion with pipe manufacturers, bar-wrapped concrete pipe is also readily available and economical compared to steel and ductile iron for the pipe sizes discussed here. Therefore, bar wrapped concrete pipe is assumed for use.

3.3.3 ALIGNMENT 1 HYDRAULICS

Intake Location C is assumed for hydraulic analysis. As shown on the alignment elevation profile to the right, the alignment ground profile reaches a high point of 1285' near Mile 20.0 (Drummond Lodge), and from there it is downhill to the Hudson Lake discharge. There is enough fall for a gravity flow once the



flow is pumped to this high point. Therefore, for Alignment 1 an intermediate breakout storage tank is assumed near Mile 20.0. Assuming a maximum pipe pressure of 200 psi and pipe friction c-factor of 130, preliminary hydraulic calculations provided the following:

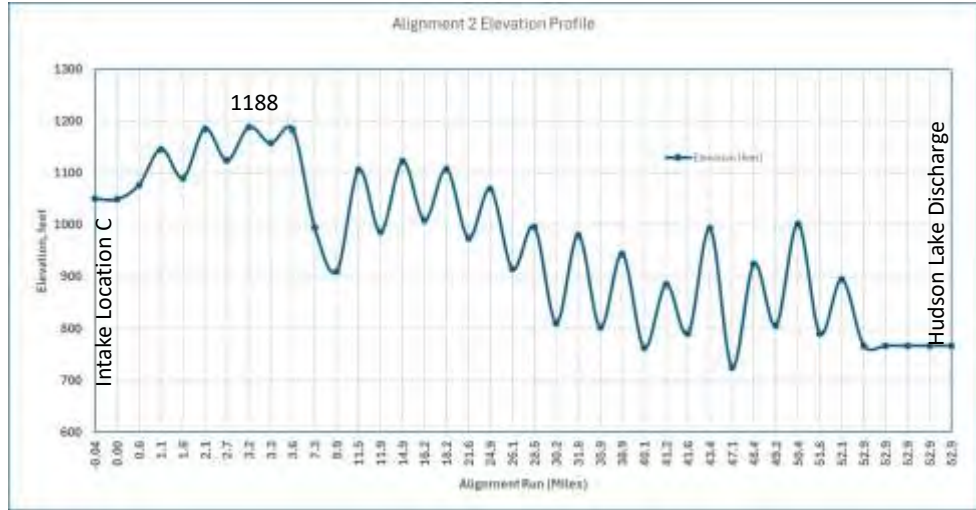
Flow	Maximum Pump Station Pressure	Intake Pump Station Size	Breakout Tank (1-hour Storage)	Pipe Size from Intake to Breakout Tank (Mile 20.0)	Pipe Size from Breakout Tank to Lake Hudson
14 MGD	161 psi	1400 HP; 3-500 HP Pumps	0.6 MG	36" (105,600-feet)	36" (151,536-feet)
18 MGD	186 psi	2100 HP; 3-700 HP Pumps	0.75 MG	36" (105,600-feet)	36" (151,536-feet)
22 MGD	165 psi *	2200 HP; 3-800 HP Pumps	1.0 MG	42" * (105,600-feet)	36" (151,536-feet)

Note: * With 36" the pump station pressure will be 245 psi, above the 200 psi criteria.

Therefore, 36-inch pipe size is adequate for flow up to 18 MGD but a 42-inch pipe is recommended for the 22 MGD flow option.

3.3.4 ALIGNMENT 2 HYDRAULICS

Intake Location C is assumed for hydraulic analysis. As shown on the alignment elevation profile to the right, the alignment ground profile reaches a high point of 1188' near Mile 3.2, and from there it is downhill to the Hudson Lake discharge.



However, there is not enough fall from this location for gravity flow

to Hudson Lake. Unlike Alignment 1, for Alignment 2, the flow will be pumped pressure flow entire length. A breakout tank is not necessary in this instance. However, for mitigating potential transient pressure surges, a series of three one-way tanks is conceptually estimated. The tanks will be approximately 0.25 MG capacity located at mile mark 3.2, 14.9, and 43.4.

Assuming a maximum pipe pressure of 200 psi and pipe friction c-factor of 130, preliminary hydraulic calculations provided the following:

Flow	Maximum Pump Station Pressure	Intake Pump Station Size	One-Way Tank	Pipe Size from Intake to Mile-26.1	Pipe Size from Mile 26.1 to Lake Hudson
14 MGD	104 psi	1000 HP; 3-400 HP Pumps	3- 0.25 MG	36" (137,808-feet)	36" (141,504-feet)
18 MGD	168 psi	2000 HP; 3-700 HP Pumps	3- 0.25 MG	36" (137,808-feet)	36" (141,504-feet)
22 MGD	173 psi *	2300 HP; 3-800 HP Pumps	3- 0.25 MG	42" * (137,808-feet)	36" (141,504-feet)

Note: * With 36" the pump station pressure will be 216 psi, above the 200 psi criteria.

Therefore, 36-inch pipe size is adequate for flow up to 18 MGD but a 42-inch pipe is recommended for the 22 MGD flow option.

3.3.5 OTHER HYDRAULICS CONSIDERATIONS

Transient and hydraulic surge analysis are critical parts of the detailed design of any transmission mains and should be performed as part of the detailed design phase once the alignment is finalized. For this conceptual analysis, air release valves, air/vacuum valves and variable frequency drives are assumed for mitigating the surge pressure for both alignments. For Alignment 2, a series of three one-way tanks is assumed as a conceptual level basis.

3.3.6 PERMITS

3.3.6.1 SECTION 404 PERMIT

Both pipeline alignments cross waterbodies and streams which are identified as potential wetlands on the national wetland maps. This will require a wetland delineation survey for each alignment to determine if such crossings are subject to wetland permits under Section 404 permit administered by the USAC. Section 404 permits for underground pipelines are somewhat simpler and covered under the Section 404 Nationwide General Permit program.

3.3.6.2 SECTION 401 WATER QUALITY CERTIFICATION

Section 401 Water Quality certification by the state will be required. Under Section 401 of the Clean Water Act (CWA), a federal agency may not issue a permit or license to conduct any activity that may result in any discharge into waters of the United States unless a Section 401 water quality certification is issued, or certification is waived. For pipeline crossing, state water quality certifications are typically covered within the general permit unless any specific crossing requires an individual permit.

3.3.6.3 OSAGE MINERAL COUNCIL

The Osage Nation Constitution vests the Osage Minerals Council with the powers to administer and develop the Osage Mineral Estate in accordance with the Act of June 28, 1906, 34 Stat. 539, as amended. Construction of the pipeline across the Osage Nation land will require coordination and approval from the Osage Mineral Council.

3.3.6.4 ODEQ PERMIT TO CONSTRUCT

The pipeline construction will require a permit to construct from Oklahoma Department of Environmental Quality (ODEQ).

4.0 CONCEPTUAL LEVEL COST ESTIMATE

In this section the conceptual level probable project cost is presented for the various infrastructure elements required for the Kaw Water supply.

4.1 KAW LAKE STORAGE FEE

Based on information obtained from the USACE, the current cost of the available water supply storage at Kaw Lake is \$46,163,683 for 46,186 acre-feet of storage, or approximately \$999.52 per acre-foot. As of July 17, 2024, the USACE provided the following for storage fee. These are estimates at this point in time, and accrued interest continues to rise so these are not fixed prices but will vary in the future.

- For 14 MGD, 15,638 acre-feet, Storage Fee = \$16,009,089*
- For 18 MGD, 20,164 acre-feet, Storage Fee = \$20,642,491*
- For 22 MGD, 24,644 acre-feet, Storage Fee = \$25,228,802*

*Plus, annual maintenance cost share as determined by USACE

4.2 OWRB WATER USE PERMIT FEE (WATER RIGHTS)

As the state's designated water management agency, the OWRB appropriates stream water through water use permitting. Permits must be obtained from the OWRB for all uses of water in Oklahoma except domestic use. Fees vary by type of permit and amount of water requested. Long-term applications and some groundwater permit amendments use a sliding scale based upon the amount of water being requested to determine the fee.

4.3 OSAGE MINERAL COUNCIL

Osage Mineral Council has not yet been contacted. However, subsurface mineral rights within the Osage County are authorized through the Osage Mineral Council. Activities related to ground surface disturbance for the pipeline construction will fall under the review and approval from the Osage Mineral Council.

4.4 KAW LAKE INTAKE AND PUMP STATION

As discussed in Section 2, of the four locations- Location A, B, C and D- Location C offers the most desirable conditions from lake water quality and accessibility. Location C is assumed for the conceptual cost estimate. The estimated conceptual cost for the three intake types discussed in Section 2 is presented in Table 4-1.

As discussed in Section 2, Submerged Intake with Onshore Pump Station (Type 1) offers the lowest cost and is also the most common type of intake recently approved by the USACE in other locations in Oklahoma. Therefore, this type is assumed for the conceptual cost development for the pipeline alignments discussed below.

Table 4-1 Intake Conceptual Cost Estimate (Intake Location C)

	Location C- Intake Types (22 MGD)		
	Submerged Intake Screen with Onshore Pump Station (Type 1)	Free Standing Intake with Onshore Pump Station (Type 2)	Free Standing Intake Combined with Pump Station (Type 3)
Submerged Screen Intake	\$6,480,000	N/A	N/A
Intake Tower & Piping	N/A	\$9,458,000	\$12,499,000
Tunnel Intake Pipe	\$3,376,000	\$3,088,000	N/A
Access Bridge	N/A	N/A	\$6,016,000
Onshore Pump Station	\$34,708,000	\$39,088,000	N/A
Offshore Pump Station	N/A	N/A	\$29,720,000
Other Costs ²	\$7,340,000	\$8,401,000	\$7,891,000
Total Estimate of Probable Cost ¹	\$51,904,000	\$60,035,000	\$56,126,000

Notes: ¹ Includes 35% Contingency, 2024 Cost Assumptions
² Other costs include engineering design, survey, environmental and permitting.

For the Submerged Intake Screen with Offshore Pump Station, located at Location C, Table 4-2 summarizes the conceptual cost estimate for 14 MGD, 18 MGD and 22 MGD capacity goals.

Table 4-2 Intake Pump Station Conceptual Cost Estimate (14 MGD, 18 MGD and 22 MGD)

	Submerged Intake Screens with Onshore Pump Station (Intake Location C)		
	14 MGD	18 MGD	22 MGD
Submerged Screen Intake	\$6,320,000	\$6,400,000	\$6,480,000
Tunnel Intake Pipe	\$3,179,000	\$3,179,000	\$3,376,000
Onshore Pump Station	\$30,364,000	\$32,524,000	\$34,708,000
Other Costs ²	\$6,635,000	\$6,971,000	\$7,340,000
Total Estimate of Probable Cost ¹	\$46,498,000	\$49,074,000	\$51,904,000

Notes: ¹ Includes 35% Contingency, 2024 Cost Assumptions
² Other Costs include engineering/survey/permits

4.5 PIPELINE CONVEYANCE

The conceptual cost estimate for the two alignments to convey the 14 MGD, 18 MGD and 22 MGD flow is summarized in Table 4-3. The costs for 14 MGD and 18 MGD are essentially the same since the same diameter pipe is needed for both options.

Table 4-3 Pipeline Conveyance Conceptual Cost Estimate

	Alignment 1		Alignment 2	
	48.7 Miles		52.9 Miles	
	14 MGD or 18 MGD	22 MGD	14 MGD or 18 MGD	22 MGD
Pipeline	\$162,346,000	\$173,692,700	\$179,206,350	\$193,935,000
Breakout or One Way Tank ¹	\$3,656,300	\$4,687,500	\$4,743,750	\$4,743,750
Other Costs:				
Environmental	\$622,300	\$622,300	\$663,000	\$663,000
Survey	\$345,600	\$345,600	\$426,000	\$426,000
Easements	\$2,656,300	\$2,656,300	\$2,885,400	\$2,885,400
Engineering	\$19,920,200	\$21,405,600	\$22,074,000	\$23,841,400
Permits	\$480,000	\$480,000	\$500,000	\$500,000
Total Estimate of Probable Cost ¹	\$190,027,000	\$203,890,000	\$210,499,000	\$226,995,000
Note: ¹ Includes 30% Contingency, 2024 Cost Assumptions				
² Other Costs include engineering/survey/permits				

4.6 TOTAL CONCEPTUAL COST ESTIMATE

Table 4-4 summarizes the total cost.

Table 4-4 Total Conceptual Cost Estimate

	Alignment 1 (Intake Location C)			Alignment 2 (Intake Location C)		
	48.7 Miles			52.9 Miles		
	14 MGD	18 MGD	22 MGD	14 MGD	18 MGD	22 MGD
Kaw Water Storage Fee (USACE)*	\$16,009,089	\$20,642,491	\$25,228,802	\$16,009,089	\$20,642,491	\$25,228,802
Submerged Intake Screen & Shore PS	\$46,498,000	\$49,074,000	\$51,904,000	\$46,498,000	\$49,074,000	\$51,904,000
Pipeline Conveyance	\$190,027,000	\$190,027,000	\$203,890,000	\$210,499,000	\$210,499,000	\$226,995,000
Other Costs						
Osage Mineral Council	TBD	TBD	TBD	TBD	TBD	TBD
OWRB Water Rights	TBD	TBD	TBD	TBD	TBD	TBD
Total Estimate of Probable Cost ¹	\$252,534,089	\$259,743,491	\$281,022,802	\$273,006,089	\$280,215,491	\$304,127,802
Note: * Plus, annual maintenance cost share as determined by USACE						

4.7 OPERATION AND MAINTENANCE COST CONSIDERATIONS

Conveyance of Kaw water to Bartlesville will require annual operations and maintenance (O&M) costs associated with the pipeline and the intake pump stations, and those costs are summarized in this section.

4.7.1 PIPELINE O&M COSTS

Annual O&M costs associated with the pipeline include periodic reconnaissance survey of the pipeline alignment, monitoring and managing cathodic protection facilities, valve exercising and maintenance activities related to normal wear and tear of the air releasing valves and facilities. The annual O&M costs will be the same, irrespective of whether the Kaw Lake conveyance system is in operation or not.

4.7.2 INTAKE PUMP STATION O&M COSTS

Annual O&M costs related to the intake and the pump station include system monitoring, control, maintenance and the electrical energy cost for water pumping. The electrical cost will vary depending on the seasonal electric utility rate structure and the amount of water pumped.

Osage County is served by PSO as well as local electric co-ops municipal electric utilities. PSO is the major electric utility in the county and is assumed as the utility for cost estimation. Currently, Bartlesville's Hulah pump station is served by PSO, the average electric rate for summer and winter usage from the Hulah pump station was used in the O&M cost estimates. It is noted that PSO offers different rate structures (such as Municipal Pumping rate, Transmission rate, P-Substation rate and Primary System rate), the use of Hulah rate is somewhat conservative for the analysis.

Electric usage will vary depending on whether the station is in operation or in a standby mode. In the standby model, the electrical usage is limited to periodic pump exercise and nominal building electric usage only.

4.7.3 WATER TREATMENT PLANT O&M COSTS

As discussed in Section 1, Kaw water quality is comparable to Bartlesville's existing water supply and therefore, additional O&M costs associated with using Kaw water is assumed non-significant and is not included here.

4.7.4 O&M COSTS SUMMARY

Table 4-6 summarizes the O&M costs associated with the pipeline and the intake pump stations for both Alignment 1 and 2.

Table 4-5 Annual O&M Costs Summar

ANNUAL OPERATION AND MAINTENANCE (O&M) COST SUMMARY						
	Alignment 1 (Intake Location C)			Alignment 2 (Intake Location C)		
	48.7 Miles			52.9 Miles		
	14 MGD	18 MGD	22 MGD	14 MGD	18 MGD	22 MGD
KAW SUPPLY (IN-SERVICE)^a						
Pipeline and Breakout/One-way Tank(s)	\$43,000	\$43,000	\$43,000	\$50,300	\$50,300	\$50,300
Intake and Pump Station	\$1,362,900	\$2,041,200	\$2,137,400	\$975,600	\$1,943,800	\$2,234,900
Total (System In-Service)	\$1,405,900	\$2,084,200	\$2,180,400	\$1,025,900	\$1,994,100	\$2,285,200
KAW SUPPLY (NOT IN SERVICE)^b						
Pipeline and Breakout/One-way Tank(s)	\$43,000	\$43,000	\$43,000	\$50,300	\$50,300	\$50,300
Intake and Pump Station	\$19,300	\$25,700	\$28,900	\$16,200	\$25,700	\$28,900
Total (System Not In Service)	\$62,300	\$68,700	\$71,900	\$66,500	\$76,000	\$79,200

Notes: ^a In-Service operation assumes 24x7 operation at the flow rate shown. ^b When "Not-in-Service" pumps are assumed one day/month operation.

-End of Report-

APPENDIX A

(Conceptual Cost Estimates)

ESTIMATED PIPELINE COST- ALIGNMENT 1 - 42" & 36" - LOCATION C)					
ITEM NO.	DESCRIPTION	QUANTITY	UNITS	ESTIMATED COST	TOTAL
1	PIPELINE				\$113,767,600
	Pipeline Diameter-42"	105600	LF	\$49,632,000	
	Pipeline Diameter-36"	151536	LF	\$60,614,400	
	Pipeline Valves-42"	5	EA	\$487,500	
	Pipeline Valves-36"	5	EA	\$315,000	
	Fittings- Restrained Joint	23	EA	\$920,000	
	ARVs (MH & Valve & Signage)	53	EA	\$1,192,500	
	Pipeline Passive Anodes	240	EA	\$120,000	
	Material Testing	1	LS	\$50,000	
	Pipeline Testing Allowance	15	EA	\$75,000	
	ROW Clearing & Grubbing	105,600	LF	\$211,200	
	Fence Remove & Replace	100	EA	\$150,000	
2	CROSSINGS				\$2,027,500
	Major Highways	2	EA	\$600,000	
	Major Roads (Bored)	4	EA	\$450,000	
	Minor Roads	12	EA	\$300,000	
	Other Road Crossings (Minor)	18	EA	\$45,000	
	Major Creek	13	EA	\$487,500	
	Minor Creek	7	EA	\$70,000	
	Product Pipeline Crossings	5	EA	\$75,000	
3	BREAKOUT TANK-SURGE PROTECTION				\$3,125,000
	Break Tank (included with Intake)	1	MG	\$2,750,000	
	Site Work Allowance	1	LS	\$100,000	
	Site Fence	1000	LF	\$75,000	
	Electrical/SCADA	1	LS	\$200,000	
				SUBTOTAL	\$118,920,100
3	CONTRACTOR Mobilization/Insurance/OH&P	20%		\$23,784,000	
	CONTINGENCY	30%		\$35,676,000	
				TOTAL ESTIMATED CONSTRUCTION COST	\$178,380,100
6	OTHER COSTS				\$622,300
	Environmental				\$622,300
	Wetland Delineation Study	295	Acres	\$177,100	
	Cultural Resources Study	295	Acres	\$295,200	
	NEPA/EA Document	1	LS	\$150,000	
	Survey				\$345,600
	Legal Survey	73	Parcel	\$109,500	
	Topo/Design Survey	590	Acres	\$236,100	
	Easements				\$2,656,300
	Permanent Easement-50' wide	295	Acres	\$2,213,600	
	Temporary Easement-50' wide	295	Acres	\$442,700	
	Engineering: Pre-design/Design/Bidding/CA/RPR				\$21,405,600
	Pre-design/Detailed Design/Bidding	6.0%		\$10,702,800	
	CA/RPR	6.0%		\$10,702,800	
	Permits				\$480,000
	USACE 404/NEPA		Allowance	\$460,000	
	PERMITS (DEQ)			\$20,000	
TOTAL ESTIMATED PROJECT COST- JULY 2024					\$203,890,000

ESTIMATED PIPELINE COST- ALIGNMENT 1 - 36" & 36" - LOCATION C)					
ITEM NO.	DESCRIPTION	QUANTITY	UNITS	ESTIMATED COST	TOTAL
1	PIPELINE				\$106,203,100
	Pipeline Diameter-36"	105600	LF	\$42,240,000	
	Pipeline Diameter-36"	151536	LF	\$60,614,400	
	Pipeline Valves-36"	5	EA	\$315,000	
	Pipeline Valves-36"	5	EA	\$315,000	
	Fittings- Restrained Joint	23	EA	\$920,000	
	ARVs (MH & Valve & Signage)	53	EA	\$1,192,500	
	Pipeline Passive Anodes	240	EA	\$120,000	
	Material Testing	1	LS	\$50,000	
	Pipeline Testing Allowance	15	EA	\$75,000	
	ROW Clearing & Grubbing	105,600	LF	\$211,200	
	Fence Remove & Replace	100	EA	\$150,000	
2	CROSSINGS				\$2,027,500
	Major Highways	2	EA	\$600,000	
	Major Roads (Bored)	4	EA	\$450,000	
	Minor Roads	12	EA	\$300,000	
	Other Road Crossings (Minor)	18	EA	\$45,000	
	Major Creek	13	EA	\$487,500	
	Minor Creek	7	EA	\$70,000	
	Product Pipeline Crossings	5	EA	\$75,000	
3	BREAKOUT TANK-SURGE PROTECTION				\$2,437,500
	Break Tank (included with Intake)	0.75	MG	\$2,062,500	
	Site Work Allowance	1	LS	\$100,000	
	Site Fence	1000	LF	\$75,000	
	Electrical/SCADA	1	LS	\$200,000	
				SUBTOTAL	\$110,668,100
3	CONTRACTOR Mobilization/Insurance/OH&P	20%		\$22,133,600	
	CONTINGENCY	30%		\$33,200,400	
				TOTAL ESTIMATED CONSTRUCTION COST	\$166,002,100
6	OTHER COSTS				\$622,300
	Environmental				\$622,300
	Wetland Delineation Study	295	Acres	\$177,100	
	Cultural Resources Study	295	Acres	\$295,200	
	NEPA/EA Document	1	LS	\$150,000	
	Survey				\$345,600
	Legal Survey	73	Parcel	\$109,500	
	Topo/Design Survey	590	Acres	\$236,100	
	Easements				\$2,656,300
	Permanent Easement-50' wide	295	Acres	\$2,213,600	
	Temporary Easement-50' wide	295	Acres	\$442,700	
	Engineering: Pre-design/Design/Bidding/CA/RPR				\$19,920,200
	Pre-design/Detailed Design/Bidding	6.0%		\$9,960,100	
	CA/RPR	6.0%		\$9,960,100	
	Permits				\$480,000
	USACE 404/NEPA		Allowance	\$460,000	
	PERMITS (DEQ)			\$20,000	
TOTAL ESTIMATED PROJECT COST- JULY 2024					\$190,027,000

ESTIMATED PIPELINE COST- ALIGNMENT 2 - 42" & 36" - LOCATION C)					
ITEM NO.	DESCRIPTION	QUANTITY	UNITS	ESTIMATED COST	TOTAL
1	PIPELINE				\$125,815,000
	Pipeline Diameter-42"	137808	LF	\$64,769,800	
	Pipeline Diameter-36"	141504	LF	\$56,601,600	
	Pipeline Valves-42"	5	EA	\$487,500	
	Pipeline Valves-36"	5	EA	\$315,000	
	Fittings- Restrained Joint	28	EA	\$1,120,000	
	ARVs	65	EA	\$1,462,500	
	Pipeline Passive Anodes	300	EA	\$150,000	
	Material Testing	1	LS	\$50,000	
	Pipeline Testing Allowance	15	EA	\$75,000	
	ROW Clearing & Grubbing	279,312	LF	\$558,600	
	Fence Remove & Replace	150	EA	\$225,000	
2	CROSSINGS				\$3,475,000
	Major Highways	2	EA	\$600,000	
	Major Roads (Bored)	15	EA	\$1,687,500	
	Minor Roads	2	EA	\$75,000	
	Other Road Crossings (Minor)	42	EA	\$105,000	
	Major Creek	15	EA	\$562,500	
	Minor Creek	37	EA	\$370,000	
	Product Pipeline Crossings	5	EA	\$75,000	
3	BREAKOUT TANK & PUMP STATION				\$3,162,500
	One-Way Tank 1	0.25	MG	\$812,500	
	One-Way Tank 2	0.25	MG	\$812,500	
	One-Way Tank 3	0.25	MG	\$812,500	
	Site Work Allowance	1	LS	\$300,000	
	Site Fence	3000	LF	\$225,000	
	Electrical/SCADA	1	LS	\$200,000	
				SUBTOTAL	\$132,452,500
3	CONTRACTOR Mobilization/Insurance/OH&P	20%		\$26,490,500	
	CONTINGENCY	30%		\$39,735,800	
				TOTAL ESTIMATED CONSTRUCTION COST	\$198,678,800
6	OTHER COSTS				
	Environmental				\$663,000
	Wetland Delineation Study	321	Acres	\$192,400	
	Cultural Resources Study	321	Acres	\$320,600	
	NEPA/EA Document	1	LS	\$150,000	
	Survey				\$426,000
	Legal Survey	113	Parcel	\$169,500	
	Topo/Design Survey	641	Acres	\$256,500	
	Easements				\$2,885,400
	Permanent Easement-50' wide	321	Acres	\$2,404,500	
	Temporary Easement-50' wide	321	Acres	\$480,900	
	Engineering: Pre-design/Design/Bidding/CA/RPR				\$23,841,400
	Predesign/Detailed Design/Bidding	6.0%		\$11,920,700	
	CA/RPR	6.0%		\$11,920,700	
	Permits				\$500,000
	USACE 404/NEPA		Allowance	\$480,000	
	PERMITS (DEQ)			\$20,000	
	TOTAL ESTIMATED PROJECT COST- JULY 2024				\$226,995,000

ESTIMATED PIPELINE COST- ALIGNMENT 2 - 36" & 36" - LOCATION C)					
ITEM NO.	DESCRIPTION	QUANTITY	UNITS	ESTIMATED COST	TOTAL
1	PIPELINE				\$115,995,900
	Pipeline Diameter-36"	137808	LF	\$55,123,200	
	Pipeline Diameter-36"	141504	LF	\$56,601,600	
	Pipeline Valves-36"	5	EA	\$315,000	
	Pipeline Valves-36"	5	EA	\$315,000	
	Fittings- Restrained Joint	28	EA	\$1,120,000	
	ARVs	65	EA	\$1,462,500	
	Pipeline Passive Anodes	300	EA	\$150,000	
	Material Testing	1	LS	\$50,000	
	Pipeline Testing Allowance	15	EA	\$75,000	
	ROW Clearing & Grubbing	279,312	LF	\$558,600	
	Fence Remove & Replace	150	EA	\$225,000	
2	CROSSINGS				\$3,475,000
	Major Highways	2	EA	\$600,000	
	Major Roads (Bored)	15	EA	\$1,687,500	
	Minor Roads	2	EA	\$75,000	
	Other Road Crossings (Minor)	42	EA	\$105,000	
	Major Creek	15	EA	\$562,500	
	Minor Creek	37	EA	\$370,000	
	Product Pipeline Crossings	5	EA	\$75,000	
3	BREAKOUT TANK				\$3,162,500
	One-Way Tank 1	0.25	MG	\$812,500	
	One-Way Tank 2	0.25	MG	\$812,500	
	One-Way Tank 3	0.25	MG	\$812,500	
	Site Work Allowance	1	LS	\$300,000	
	Site Fence	3000	LF	\$225,000	
	Electrical/SCADA	1	LS	\$200,000	
				SUBTOTAL	\$122,633,400
3	CONTRACTOR Mobilization/Insurance/OH&P	20%		\$24,526,700	
	CONTINGENCY	30%		\$36,790,000	
				TOTAL ESTIMATED CONSTRUCTION COST	\$183,950,100
6	OTHER COSTS				
	Environmental				\$663,000
	Wetland Delineation Study	321	Acres	\$192,400	
	Cultural Resources Study	321	Acres	\$320,600	
	NEPA/EA Document	1	LS	\$150,000	
	Survey				\$426,000
	Legal Survey	113	Parcel	\$169,500	
	Topo/Design Survey	641	Acres	\$256,500	
	Easements				\$2,885,400
	Permanent Easement-50' wide	321	Acres	\$2,404,500	
	Temporary Easement-50' wide	321	Acres	\$480,900	
	Engineering: Pre-design/Design/Bidding/CA/RPR				\$22,074,000
	Predesign/Detailed Design/Bidding	6.0%		\$11,037,000	
	CA/RPR	6.0%		\$11,037,000	
	Permits				\$500,000
	USACE 404/NEPA		Allowanc	\$480,000	
	PERMITS (DEQ)			\$20,000	
	TOTAL ESTIMATED PROJECT COST- JULY 2024				\$210,499,000

Annual O&M- Alignment 1- Intake Pump Station (In Operation)

Task	Quantity	Unit	kW	kWh or kW Rate	Unit Cost	Total \$
14 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage	8760	Hours	1043	\$0.148350		\$1,355,426
Electric Demand Charge		0 Month	1043			\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$5,000	\$5,000
Total						\$1,362,900
18 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage	8760	Hours	1565	\$0.148350		\$2,033,789
Electric Demand Charge		0 Month	1565	\$13.74		\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$5,000	\$5,000
Total						\$2,041,200
22 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage	8760	Hours	1639	\$0.148350		\$2,129,956
Electric Demand Charge		0 Month	1639	\$13.74		\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$5,000	\$5,000
Total						\$2,137,400

Annual O&M- Alignment 2- Intake Pump Station (In Operation)

Task	Quantity	Unit	kW	kWh or kW Rate	Unit Cost	Total \$
14 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage	8760	Hours	745	\$0.148350		\$968,162
Electric Demand Charge		0 Month	745			\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$5,000	\$5,000
Total						\$975,600
18 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage	8760	Hours	1490	\$0.148350		\$1,936,324
Electric Demand Charge		0 Month	1490			\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$5,000	\$5,000
Total						\$1,943,800
22 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage	8760	Hours	1714	\$0.148350		\$2,227,422
Electric Demand Charge		0 Month	1714			\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$5,000	\$5,000
Total						\$2,234,900

Annual O&M- Alignment 1- Pipeline

Task	Quantity	Unit	Unit Cost	Total \$
Annual Valve Exercising & Reconnaissance Allowance	1	LS	\$30,000	\$30,000
ARV Maintenance Allowance	53	EA	\$150	\$7,950
Tank/SCADA & Corrosion Protection Maintenance Allowance	1	LS	\$5,000	\$5,000
Total				\$43,000

Annual O&M-Alignment 2-Pipeline

Task	Quantity	Unit	Unit Cost	Total \$
Annual Valve Exercising & Reconnaissance Allowance	1	LS	\$33,000	\$33,000
ARV Maintenance Allowance	65	EA	\$150	\$9,750
Tank/SCADA & Corrosion Protection Maintenance Allowance	1	LS	\$7,500	\$7,500
Total				\$50,300

Annual O&M- Alignment 1- Intake Pump Station (Not-In-Operation)

Task	Quantity	Unit	kW	kWh or kW Rate	Unit Cost	Total \$
14 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage Summer Peak	288	Hours	372	\$0.148350		\$15,894
Electric Demand Charge		0 Month	372			\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$1,000	\$1,000
Total						\$19,300
18 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage Summer Peak	288	Hours	521	\$0.148350		\$22,260
Electric Demand Charge		0 Month	521			\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$1,000	\$1,000
Total						\$25,700
22 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage Summer Peak	288	Hours	596	\$0.148350		\$25,464
Electric Demand Charge		0 Month	596			\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$1,000	\$1,000
Total						\$28,900

Annual O&M- Alignment 2- Intake Pump Station (Not-In-Operation)

Task	Quantity	Unit	kW	kWh or kW Rate	Unit Cost	Total \$
14 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage Summer Peak	288	Hours	298	\$0.148350		\$12,732
Electric Demand Charge		0 Month	298			\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$1,000	\$1,000
Total						\$16,200
18 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage Summer Peak	288	Hours	521	\$0.148350		\$22,260
Electric Demand Charge		0 Month	521			\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$1,000	\$1,000
Total						\$25,700
22 MGD						
Basic Electric Charge		0 Month			\$280	\$0
Pump Energy Usage Summer Peak	288	Hours	596	\$0.148350		\$25,464
Electric Demand Charge		0 Month	596			\$0
Pump Building Electric Usage		12 Month			\$200	\$2,400
Pump Maintenance Allowance		1 LS			\$1,000	\$1,000
Total						\$28,900

APPENDIX B

(Environmental Data Search- EDR Reports for Alignments 1 and 2)



Pipeline Alignment

Pipeline Alignment

Pawhuska, OK 74056

Inquiry Number: 7696910.5s

July 01, 2024

EDR Area / Corridor Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Mapped Sites Summary	2
Key Map	2
Map Findings Summary	3
Focus Maps	7
Map Findings	61
Orphan Summary	OR-1
Government Records Searched/Data Currency Tracking	GR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

ICIS: Integrated Compliance Information System

A review of the ICIS list, as provided by EDR, and dated 11/18/2016 has revealed that there is 1 ICIS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
OS3063 - WELL NO. BI FRS ID:: 110017752136	SE/4, SEC. 34, T 27N	1 / 1	60

INDIAN RESERV: Indian Reservations

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
OSAGE RESERVATION		Region / *****	60

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

A review of the PFAS ECHO list, as provided by EDR, and dated 12/28/2023 has revealed that there is 1 PFAS ECHO site within approximately 0.25 miles of the requested target property.

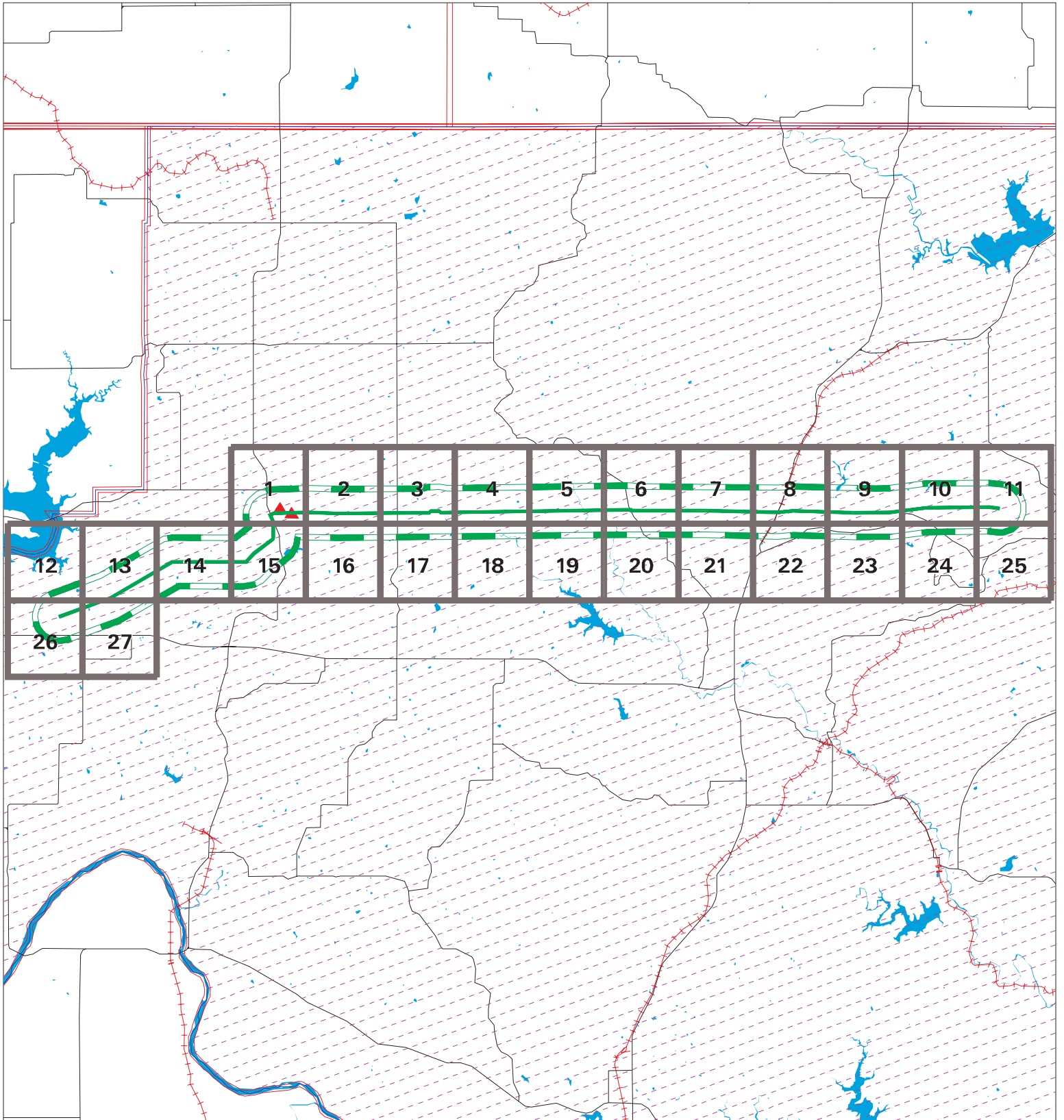
<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<i>SHIDLER, CITY OF</i>	<i>P.O. BOX 335</i>	<i>N 1/8 - 1/4 (0.212 mi.)</i>	<i>2 / 1</i>	<i>61</i>

MAPPED SITES SUMMARY

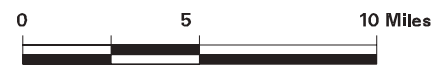
Target Property:
 PIPELINE ALIGNMENT
 PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
Reg / *****	OSAGE RESERVATION		INDIAN RESERV	TP
1 / 1	OS3063 - WELL NO. BI	SE/4, SEC. 34, T 27N	ICIS	TP
2 / 1	SHIDLER, CITY OF	P.O. BOX 335	FINDS, ECHO, PFAS ECHO	1118 0.212 North

Key Map - 7696910.5s



- ▲ Sites
- ↗ Target Property
- ↗ Search Buffer
- ↗ Focus Map - Sites
- National Priority List Sites
- Dept. Defense Sites
- ↗ Focus Map - No Sites
- Indian Reservations BIA



<p>SITE NAME: Pipeline Alignment ADDRESS: Pipeline Alignment CITY/STATE: Pawhuska OK ZIP: 74056</p>	<p>CLIENT: S2 Engineering PLLC CONTACT: Srini@s2epllc.com INQUIRY #: 7696910.5s DATE: 07/01/24 6:06 PM</p>
--	---

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
TANKS	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
SCAP	TP		NR	NR	NR	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
HIST UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
COMPLAINT	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP	1	NR	NR	NR	NR	NR	1
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000	1	0	0	0	0	NR	1
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	1	NR	NR	NR	1
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
PFAS PROJECT	0.500		0	0	0	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		2	0	1	0	0	0	3

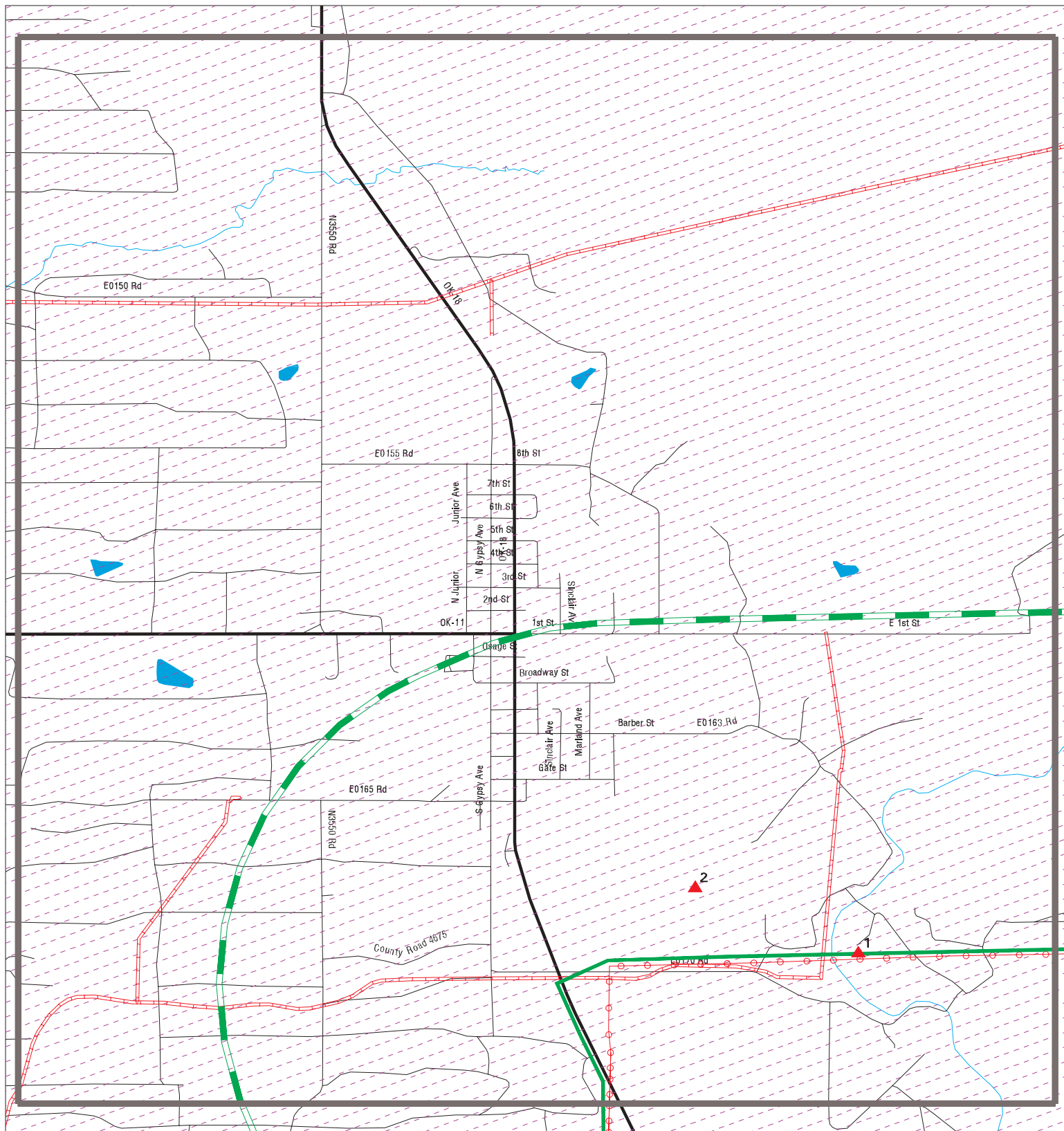
NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 7696910.5s



- ▲ Sites
- - - Target Property
- - - Search Buffer
- - - Focus Map - No Sites
- - - Focus Map - Sites
- - - Power Line
- - - Pipe Line
- Dept. Defense Sites
- Indian Reservations BIA
- National Priority List Sites



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

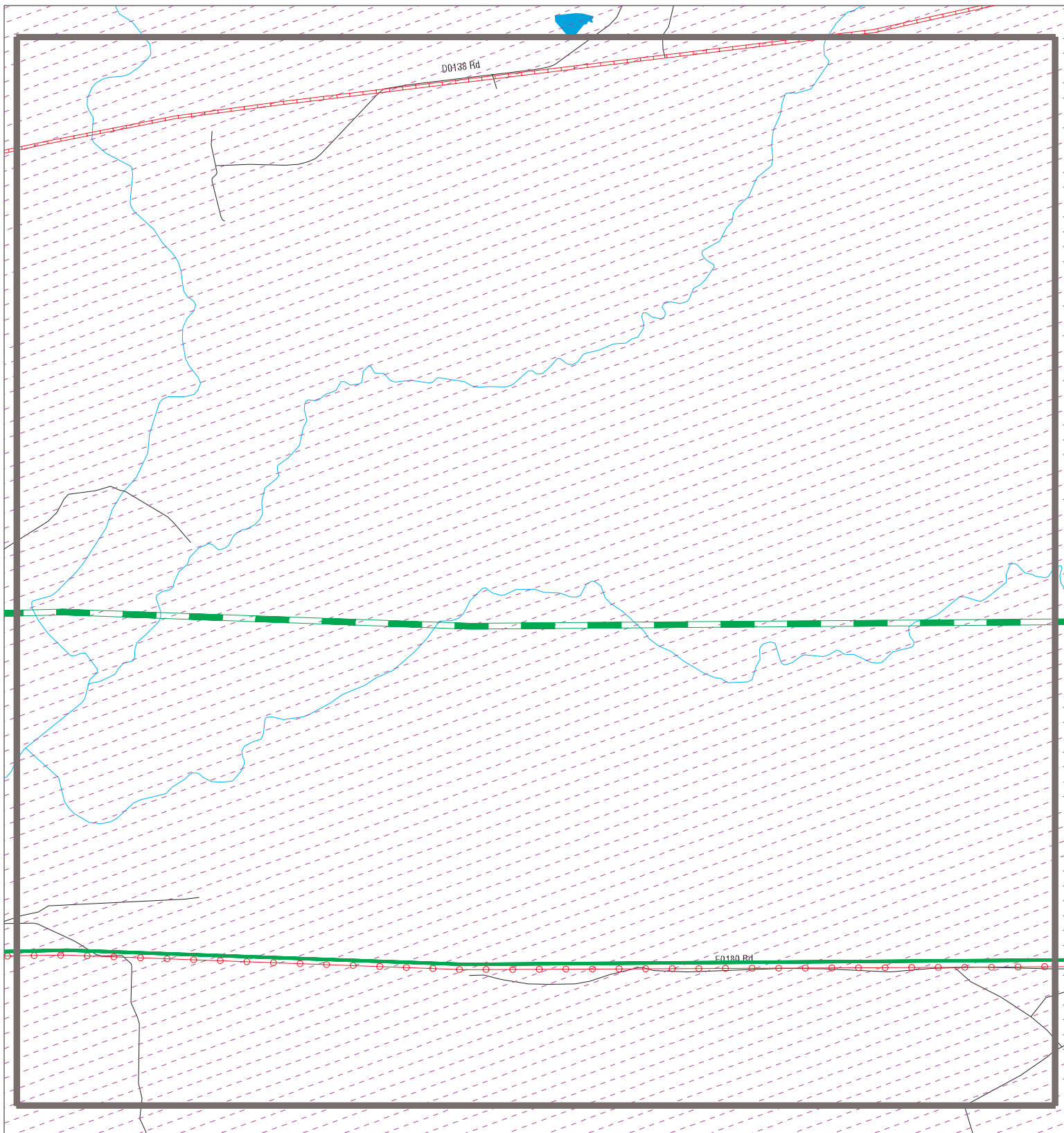
CLIENT: S2 Engineering PLLC
CONTACT: Srini@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

MAPPED SITES SUMMARY - FOCUS MAP 1

Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 1	OS3063 - WELL NO. BI	SE/4, SEC. 34, T 27N	ICIS	TP
2 / 1	SHIDLER, CITY OF	P.O. BOX 335	FINDS, ECHO, PFAS ECHO	1118 0.212 North

Focus Map - 2 - 7696910.5s



- | | | | |
|---|--|---|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |  |
|  Target Property |  Power Line |  Indian Reservations BIA | |
|  Search Buffer |  Pipe Line | | |
|  Focus Map - No Sites |  National Priority List Sites | | |

SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srinis@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

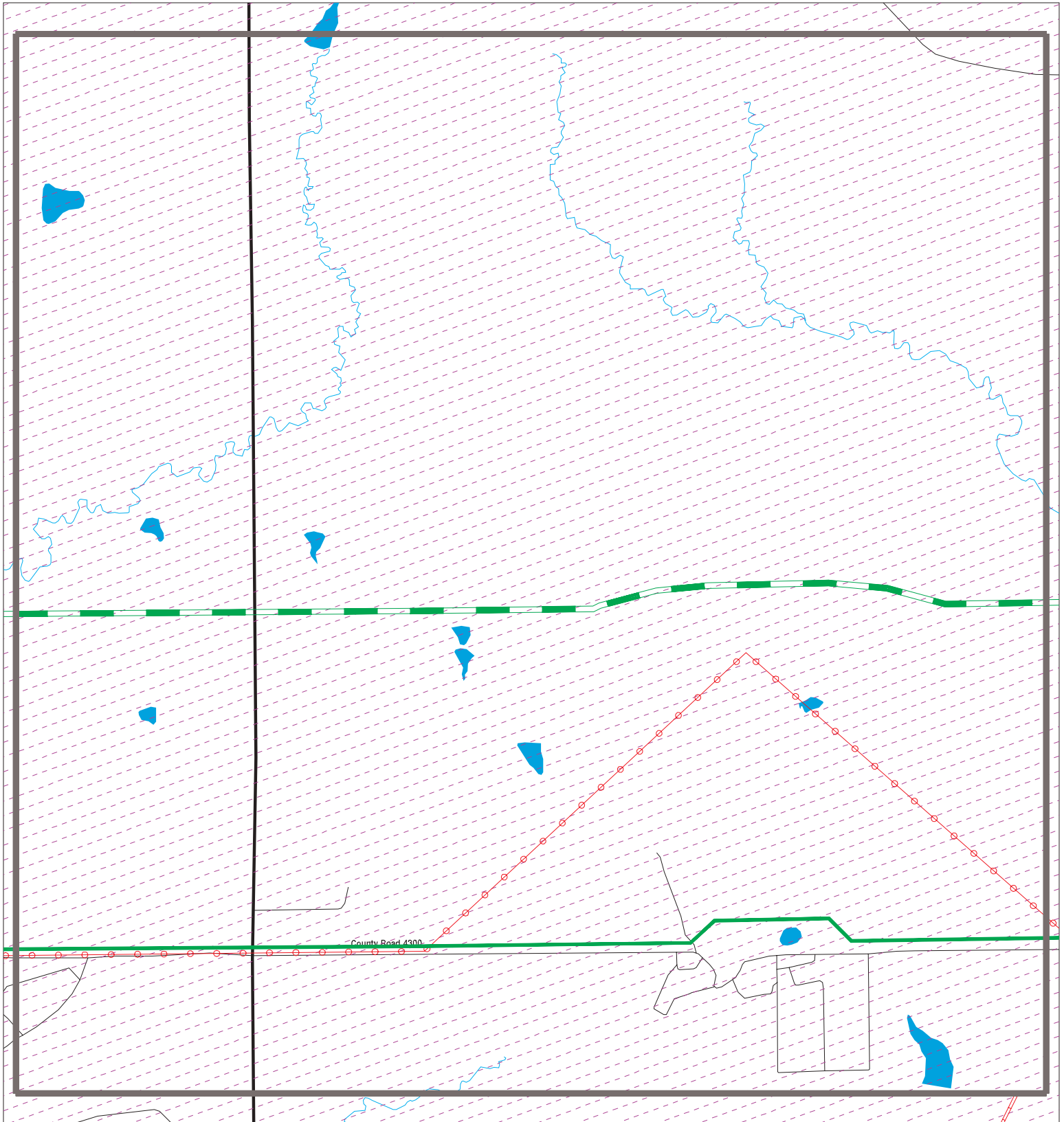
MAPPED SITES SUMMARY - FOCUS MAP 2











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

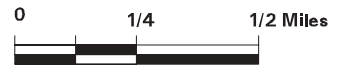
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 3 - 7696910.5s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

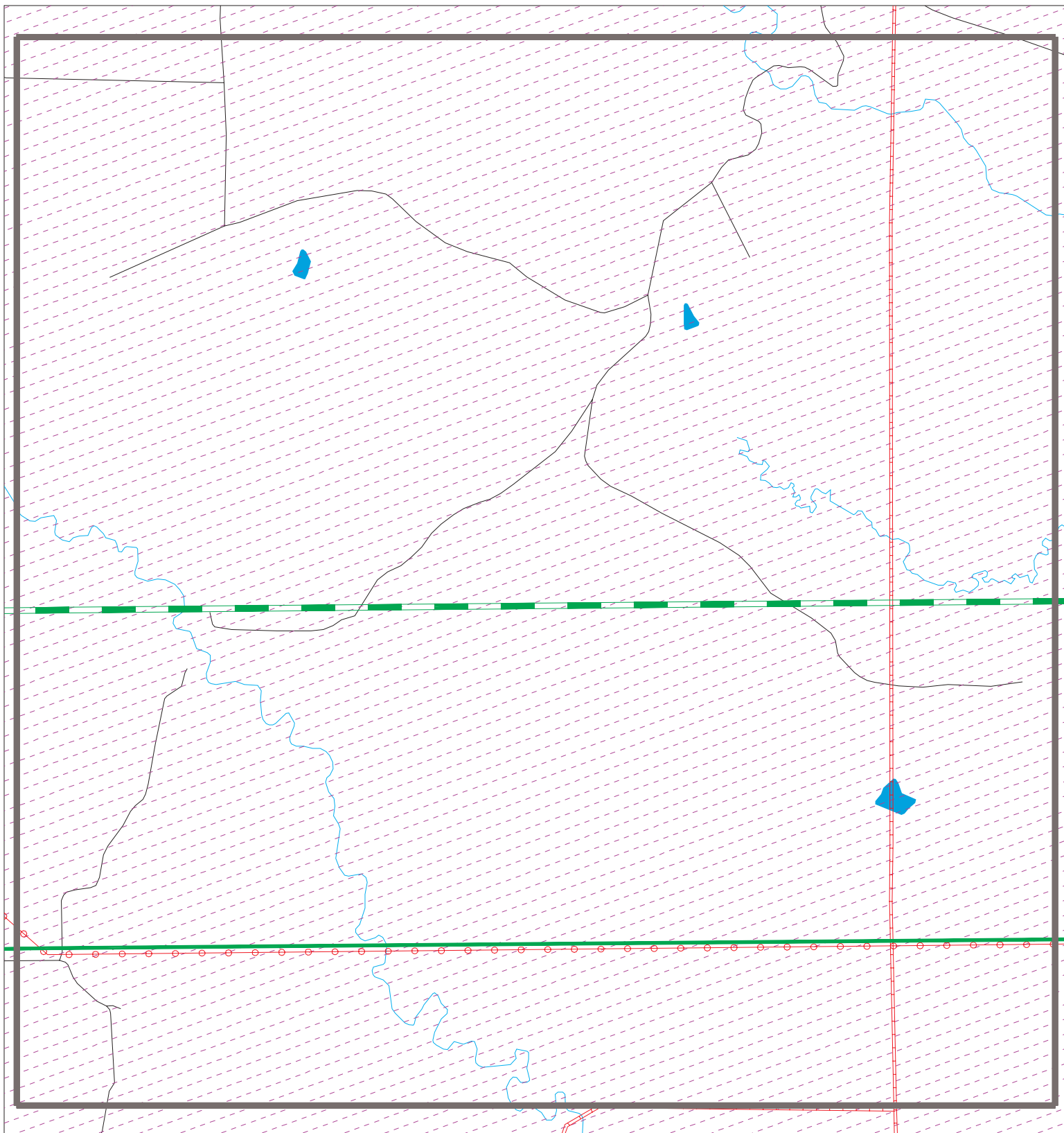
MAPPED SITES SUMMARY - FOCUS MAP 3











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

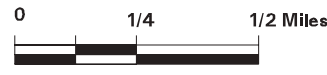
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 4 - 7696910.5s



- | | | | | | |
|--|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

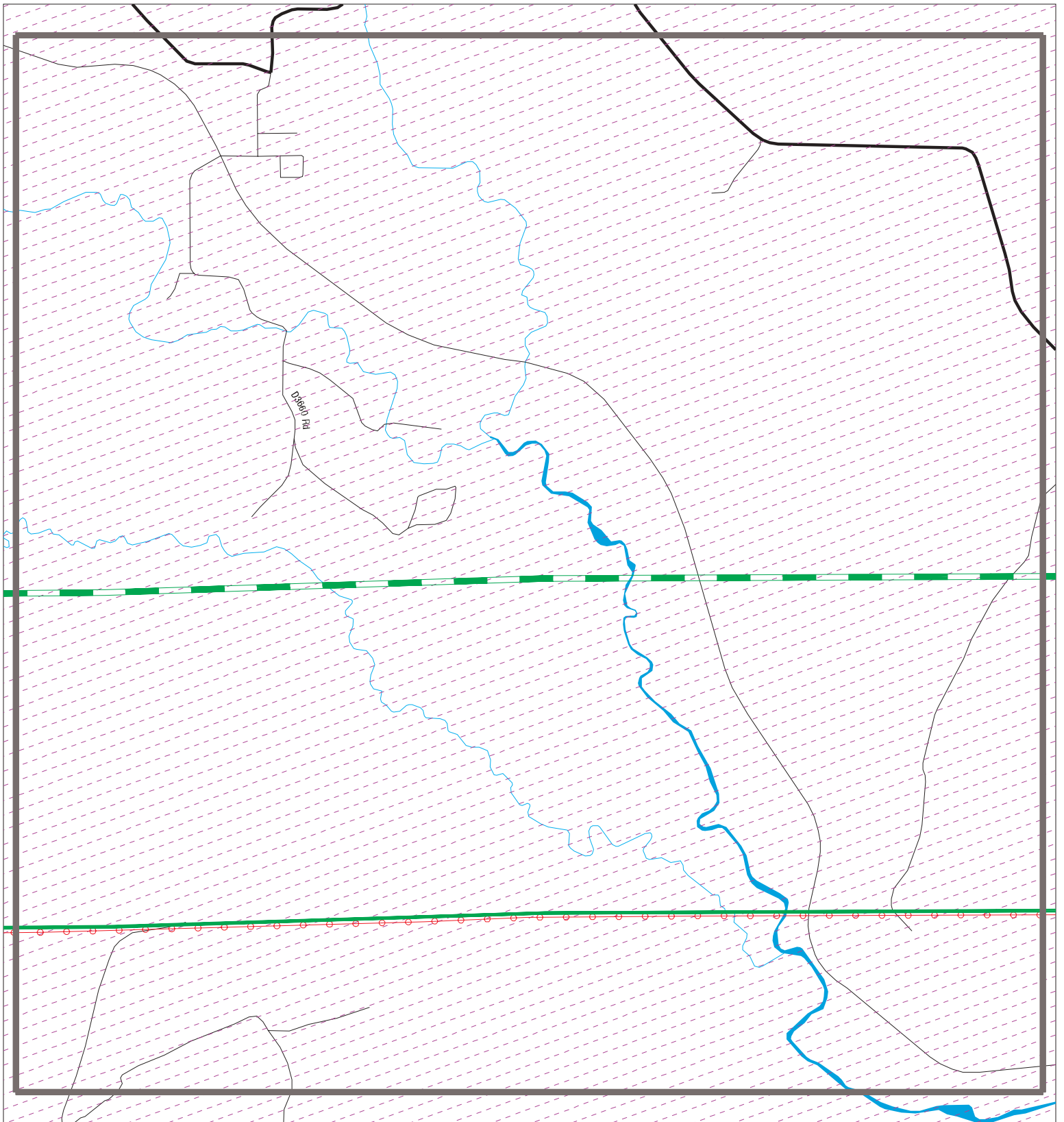
MAPPED SITES SUMMARY - FOCUS MAP 4











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 5 - 7696910.5s



- | | | | | | |
|--|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srinis@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

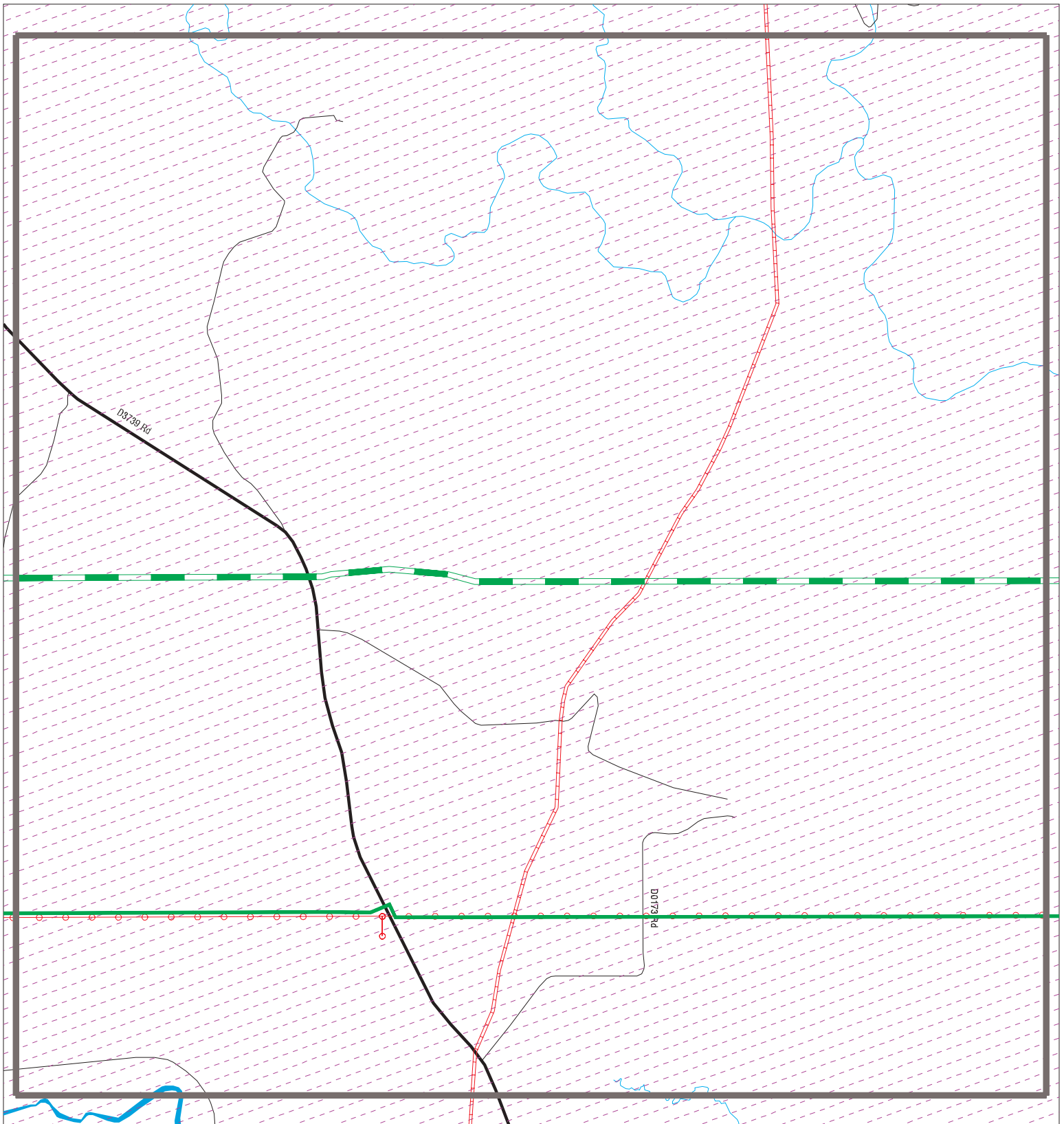
MAPPED SITES SUMMARY - FOCUS MAP 5











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 6 - 7696910.5s



- | | | | | | |
|--|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srimi@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

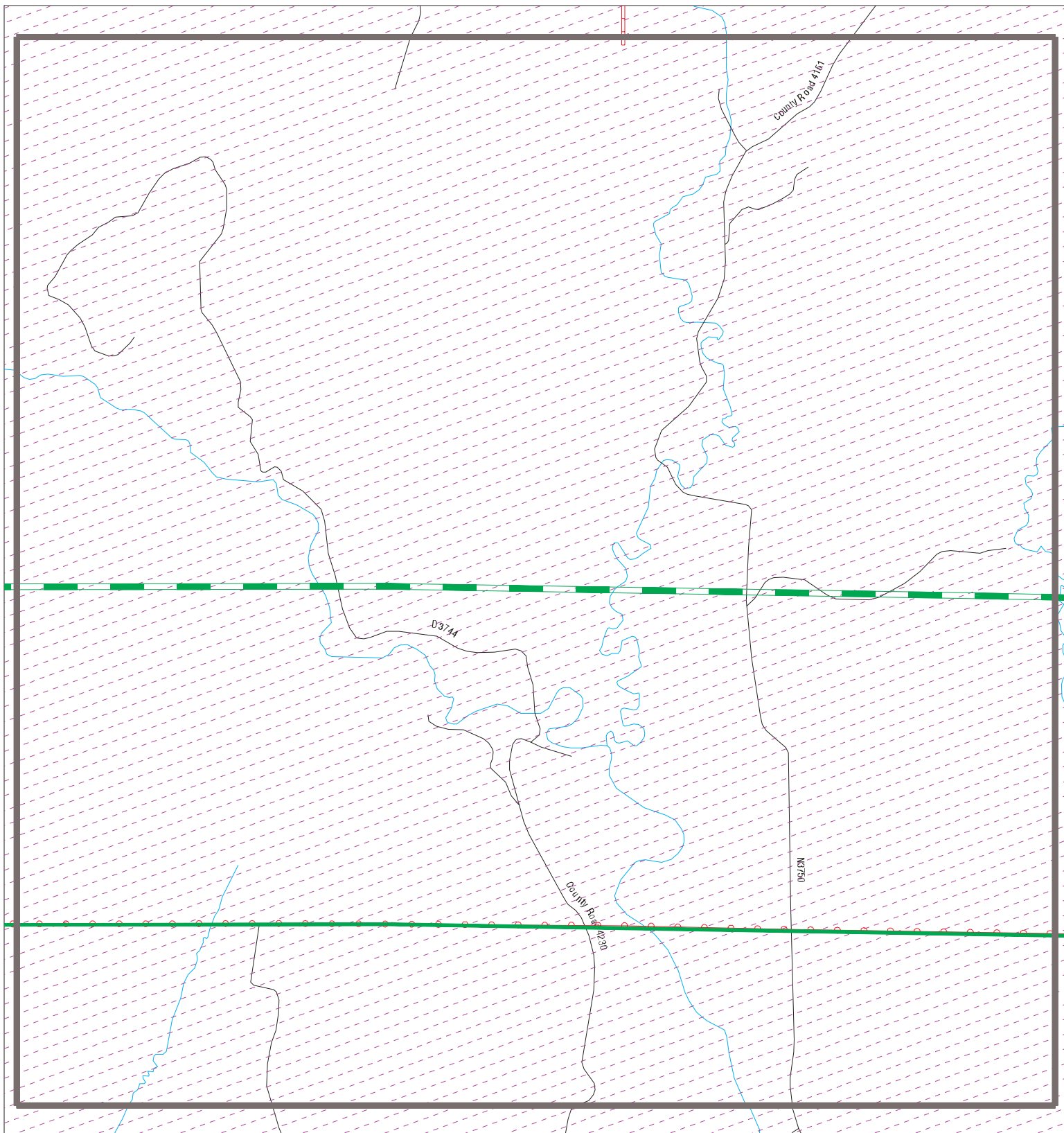
MAPPED SITES SUMMARY - FOCUS MAP 6











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 7 - 7696910.5s



- | | | | | | |
|--|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

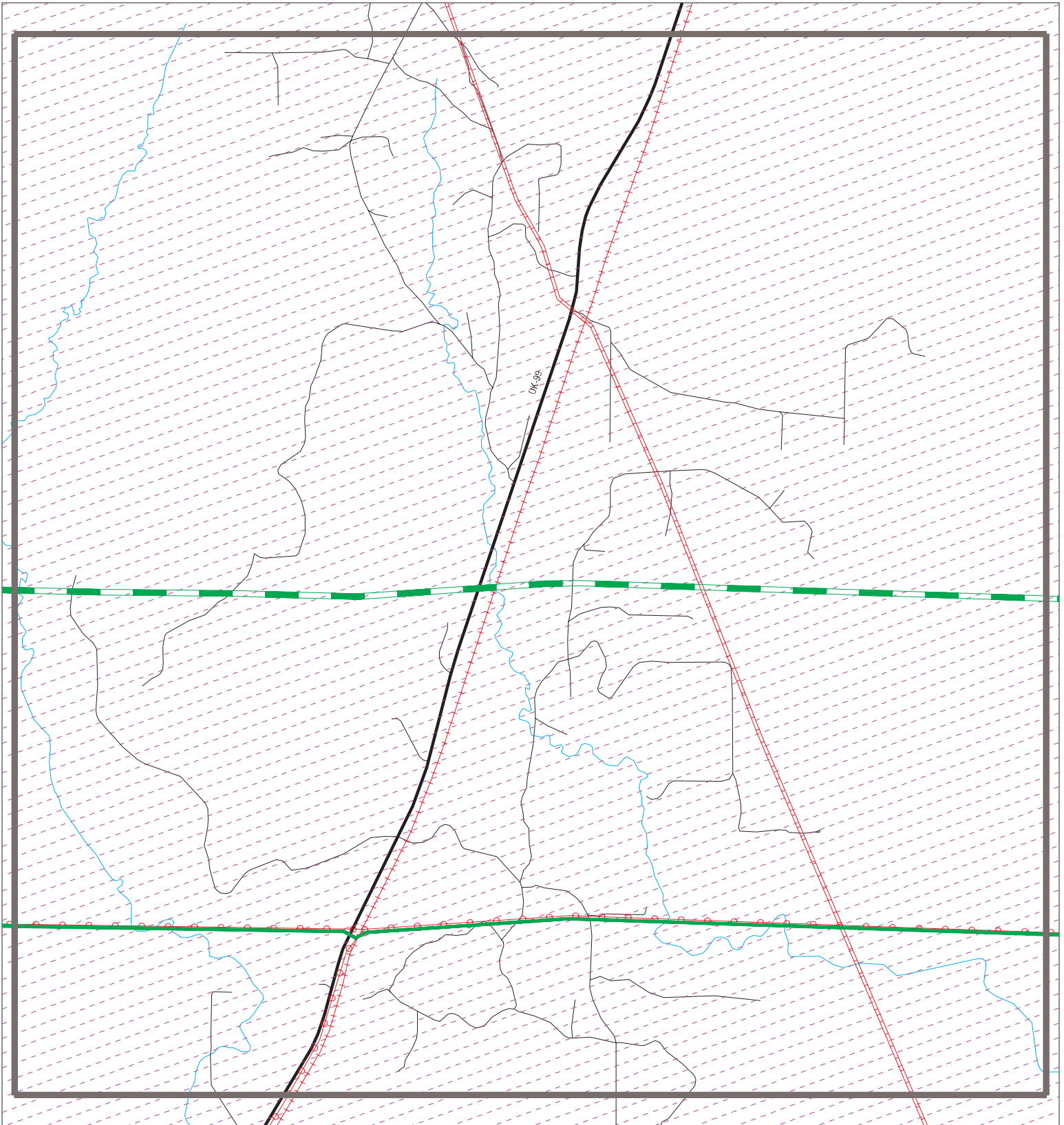
MAPPED SITES SUMMARY - FOCUS MAP 7











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Focus Map - 8 - 7696910.5s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

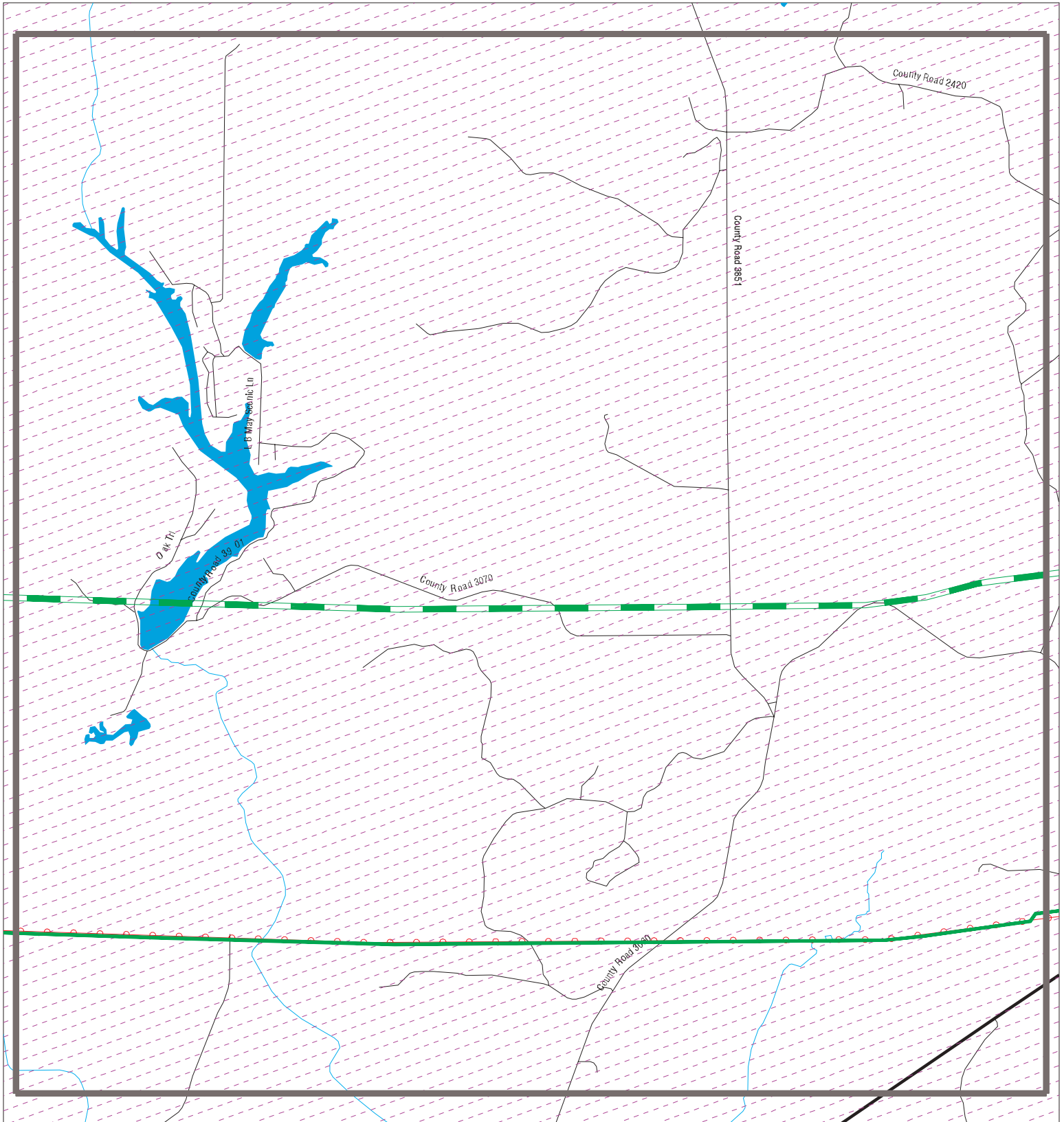
MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

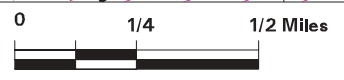
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 9 - 7696910.5s



- | | | | | | |
|--|----------------------|--|-------------------|--|------------------------------|
| | Sites | | Focus Map - Sites | | Dept. Defense Sites |
| | Target Property | | Power Line | | Indian Reservations BIA |
| | Search Buffer | | Pipe Line | | National Priority List Sites |
| | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment ADDRESS: Pipeline Alignment CITY/STATE: Pawhuska OK ZIP: 74056	CLIENT: S2 Engineering PLLC CONTACT: Sрни@s2epllc.com INQUIRY #: 7696910.5s DATE: 07/01/24
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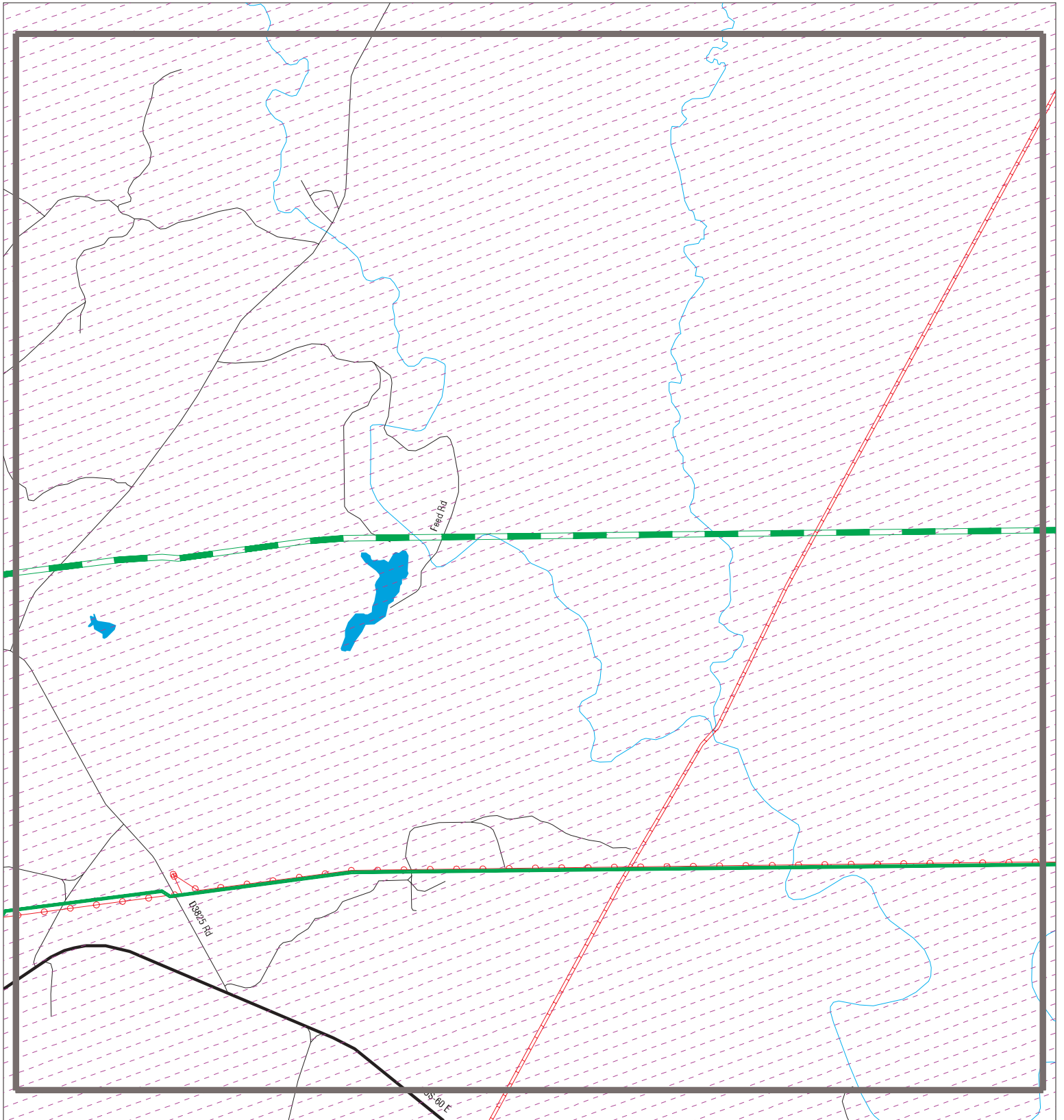
MAPPED SITES SUMMARY - FOCUS MAP 9











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 10 - 7696910.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srimi@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

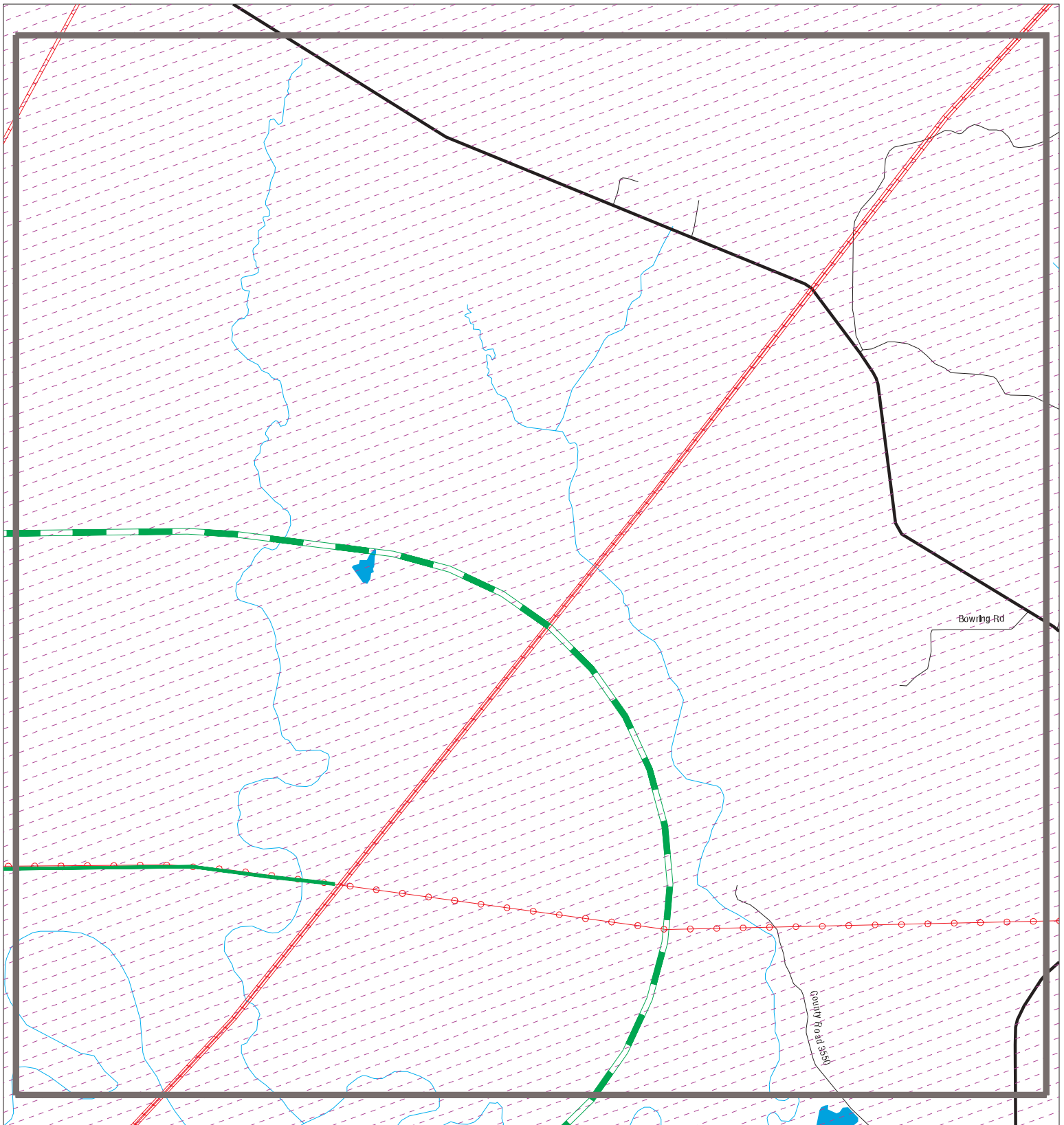
MAPPED SITES SUMMARY - FOCUS MAP 10











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Focus Map - 11 - 7696910.5s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

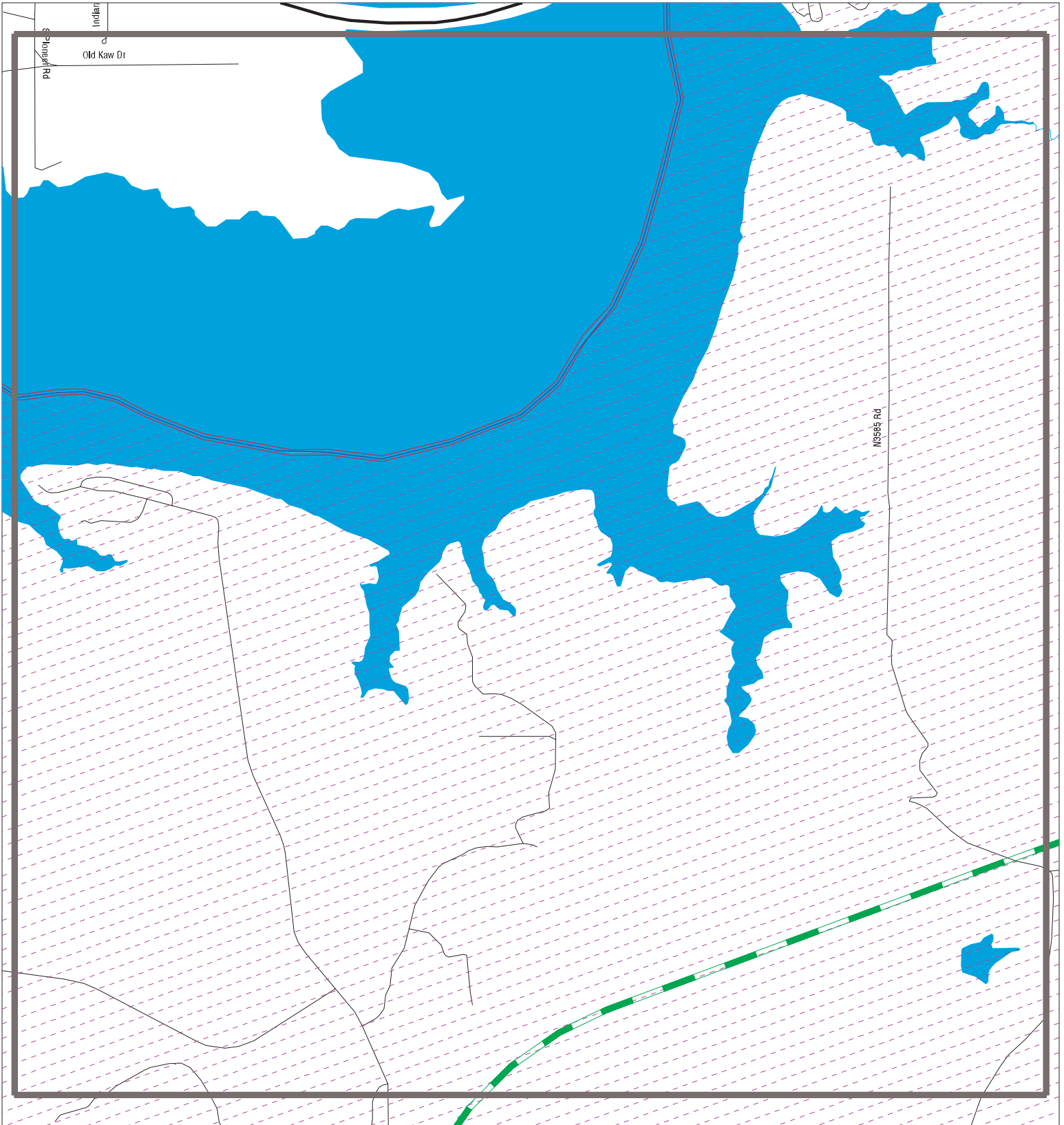
MAPPED SITES SUMMARY - FOCUS MAP 11

Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Focus Map - 12 - 7696910.5s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ Pipe Line
- Dept. Defense Sites
- Indian Reservations BIA
- National Priority List Sites



<p>SITE NAME: Pipeline Alignment ADDRESS: Pipeline Alignment CITY/STATE: Pawhuska OK ZIP: 74056</p>	<p>CLIENT: S2 Engineering PLLC CONTACT: Sрни@s2epllc.com INQUIRY #: 7696910.5s DATE: 07/01/24</p>
--	--

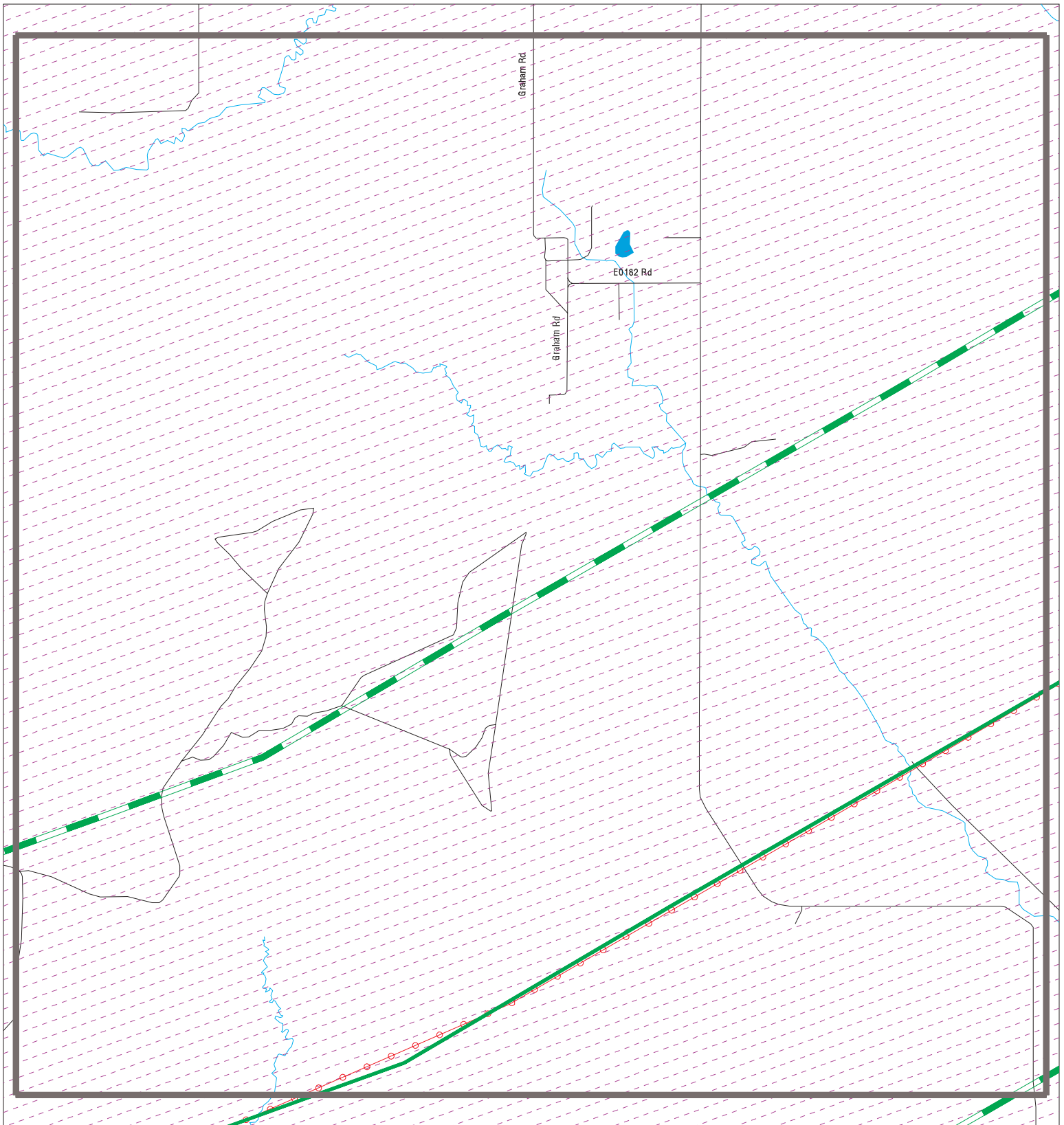
MAPPED SITES SUMMARY - FOCUS MAP 12

Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

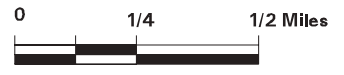
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 13 - 7696910.5s



- ▲ Sites
- ▬▬▬ Target Property
- ▬▬▬ Search Buffer
- ▬▬▬ Focus Map - No Sites
- ▬▬▬ Focus Map - Sites
- ⚡ Power Line
- ▬▬▬ Pipe Line
- Dept. Defense Sites
- Indian Reservations BIA
- National Priority List Sites



<p>SITE NAME: Pipeline Alignment ADDRESS: Pipeline Alignment CITY/STATE: Pawhuska OK ZIP: 74056</p>	<p>CLIENT: S2 Engineering PLLC CONTACT: Srini@s2epllc.com INQUIRY #: 7696910.5s DATE: 07/01/24</p>
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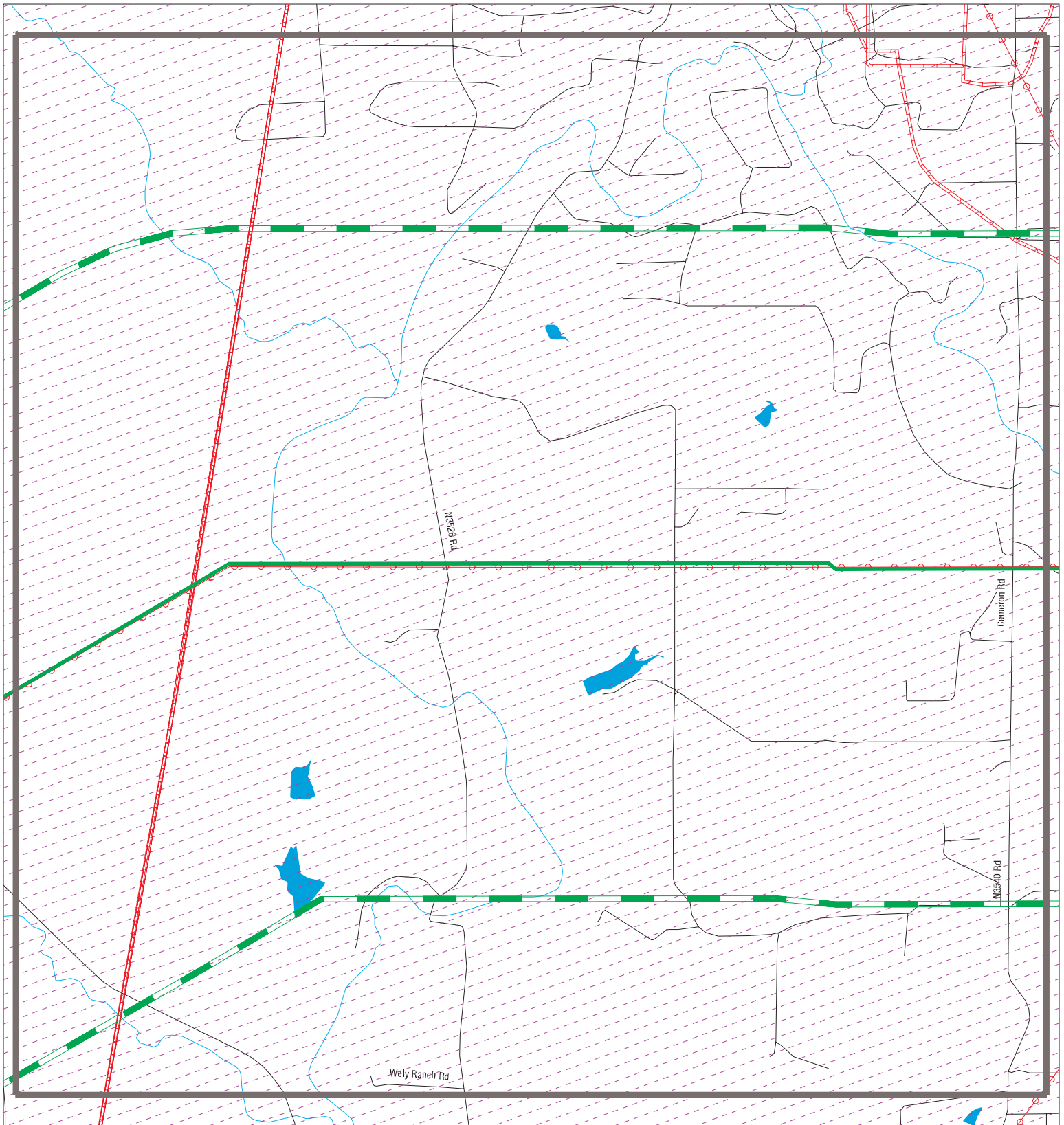
MAPPED SITES SUMMARY - FOCUS MAP 13











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 14 - 7696910.5s



- | | | |
|--|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srimi@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

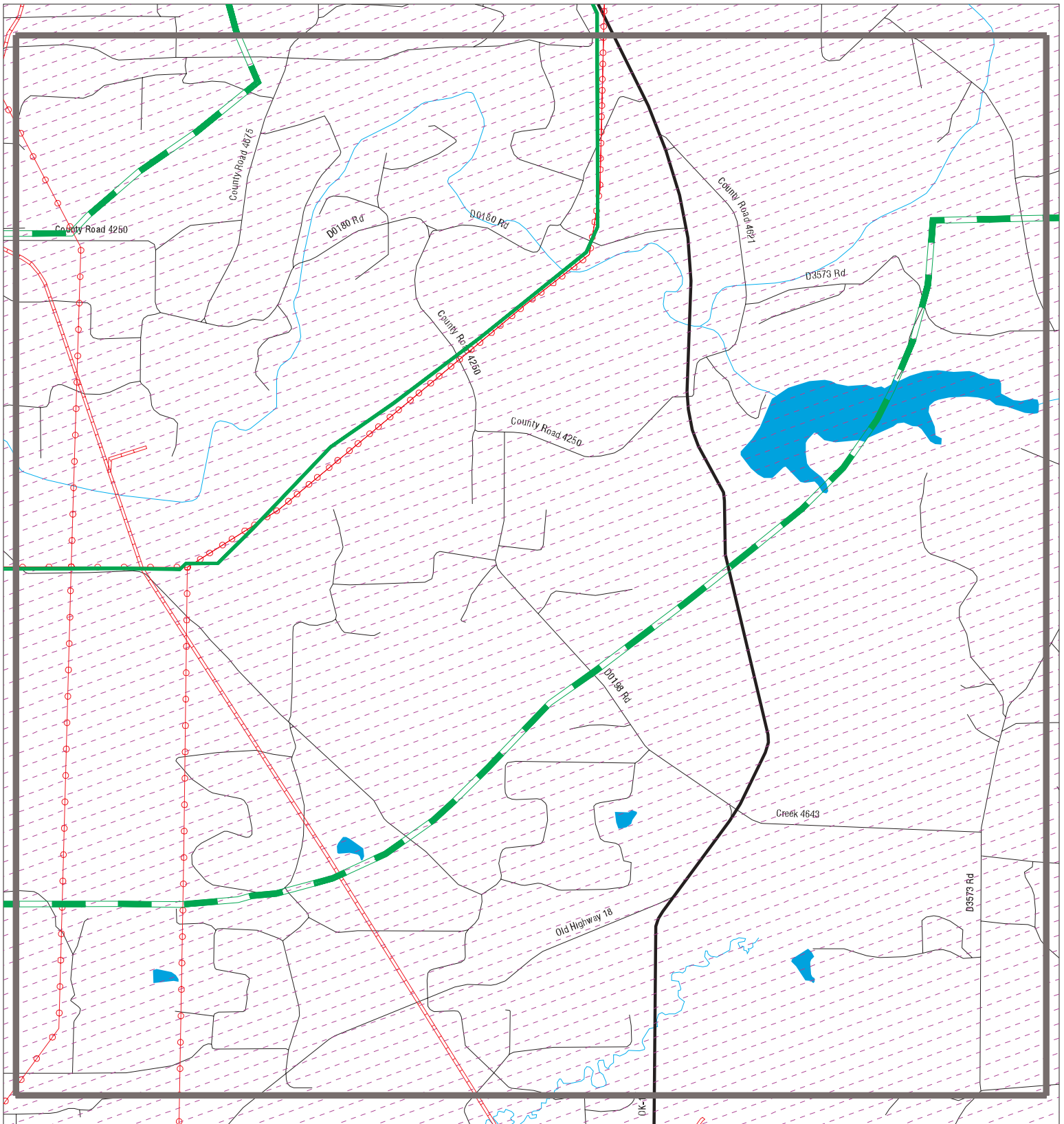
MAPPED SITES SUMMARY - FOCUS MAP 14











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

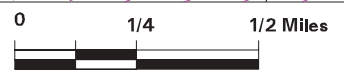
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 15 - 7696910.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

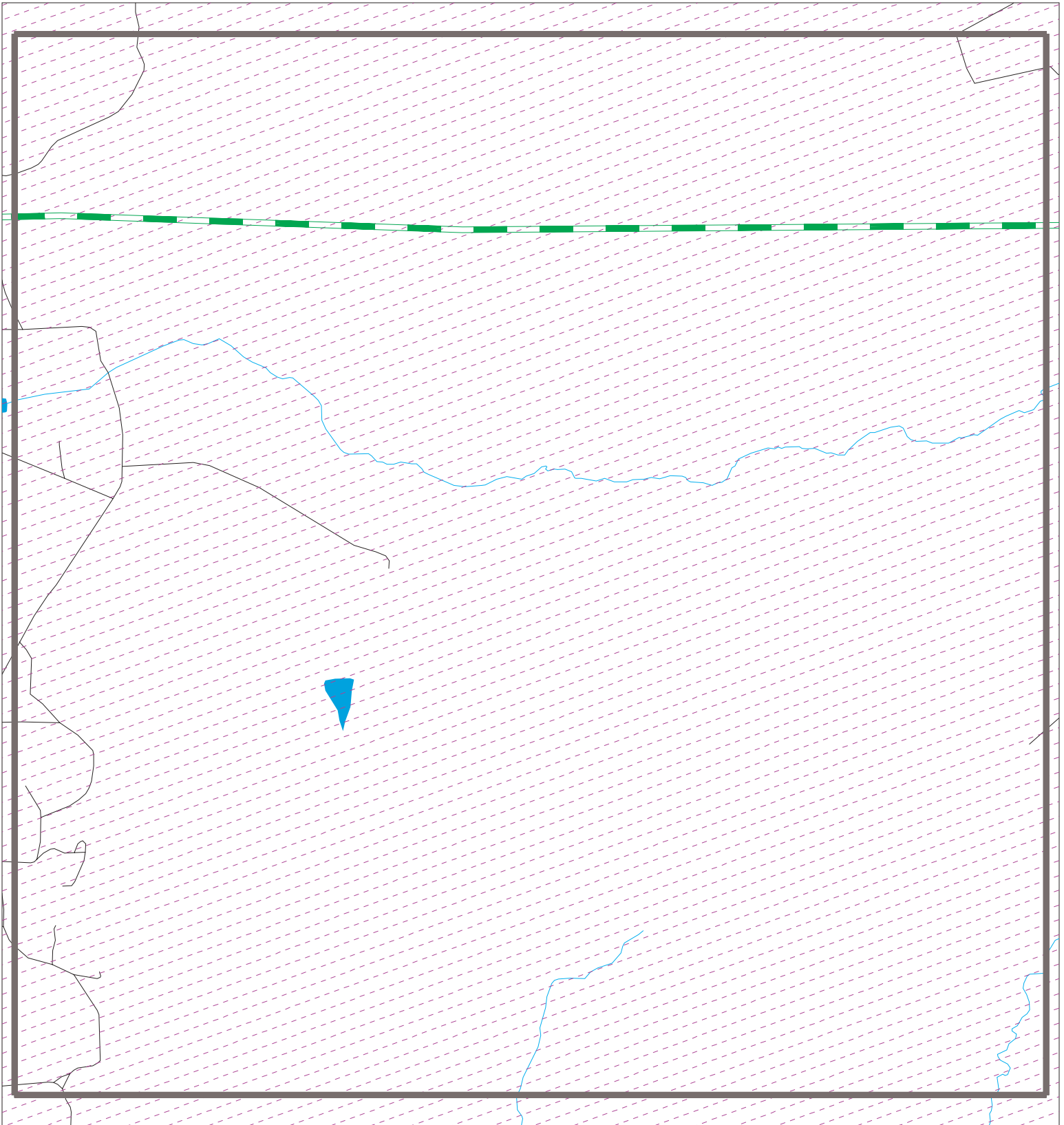
MAPPED SITES SUMMARY - FOCUS MAP 15











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 16 - 7696910.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

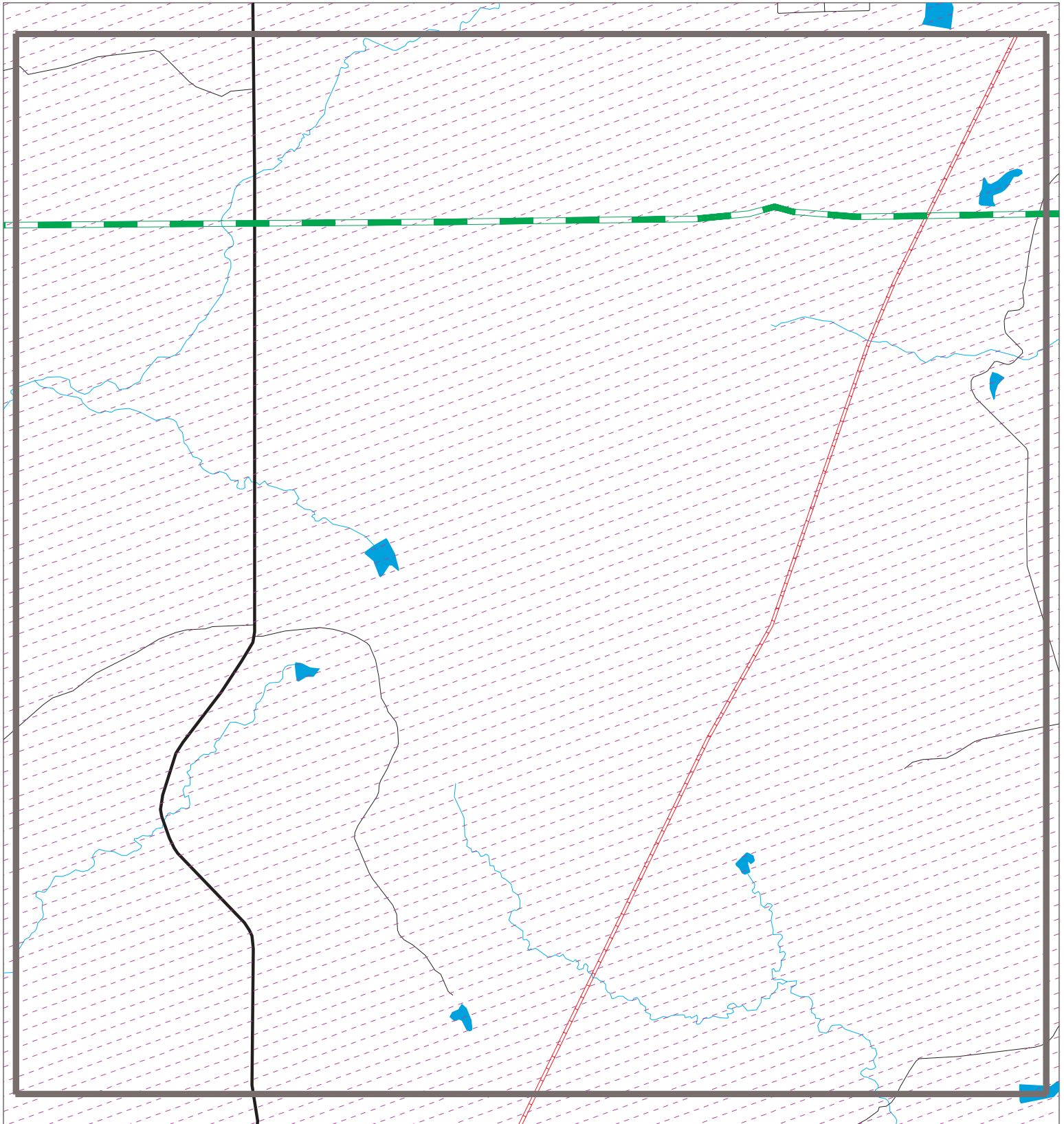
MAPPED SITES SUMMARY - FOCUS MAP 16











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 17 - 7696910.5s



- | | | | | | |
|--|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

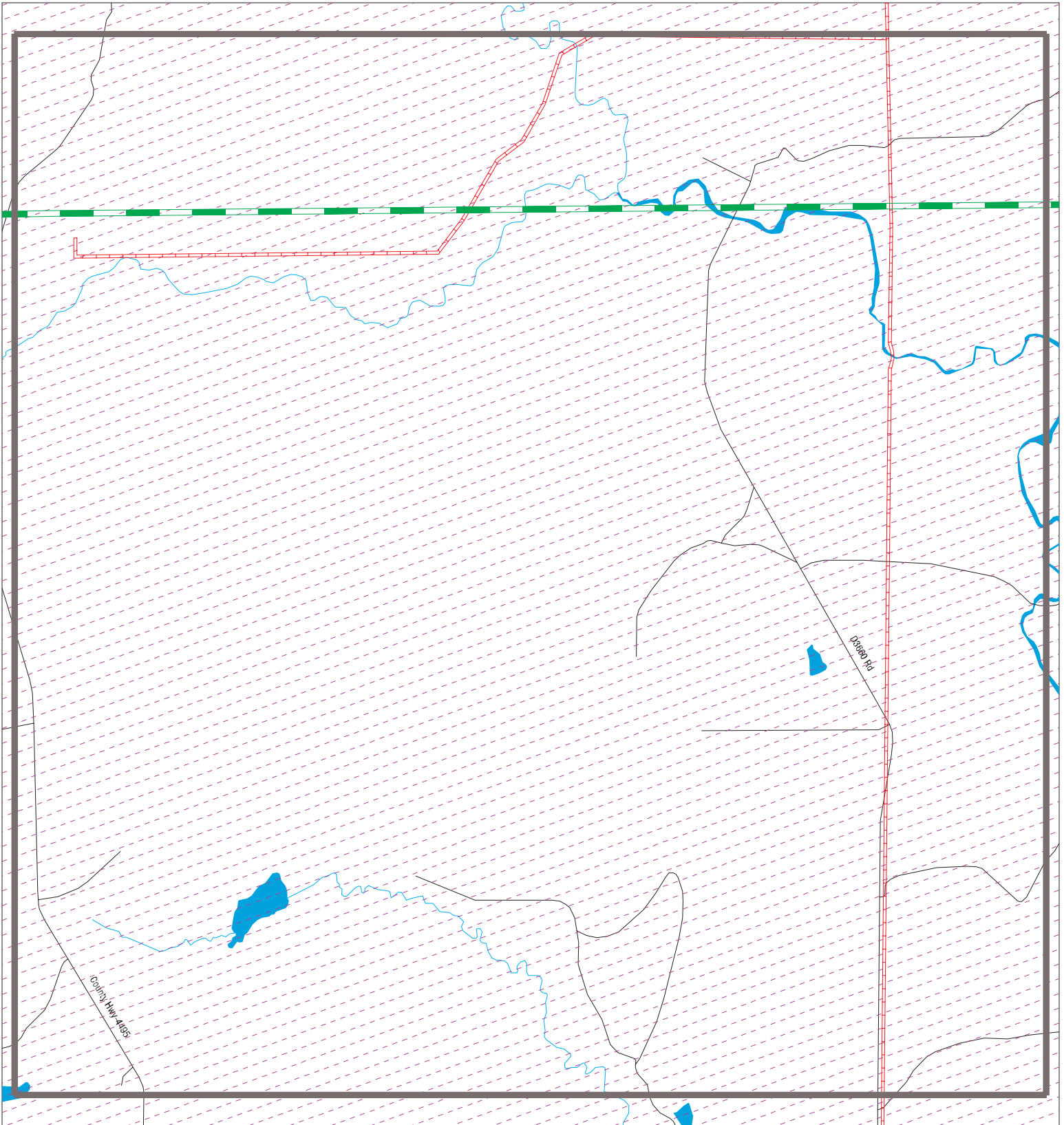
MAPPED SITES SUMMARY - FOCUS MAP 17











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 18 - 7696910.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srinis@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

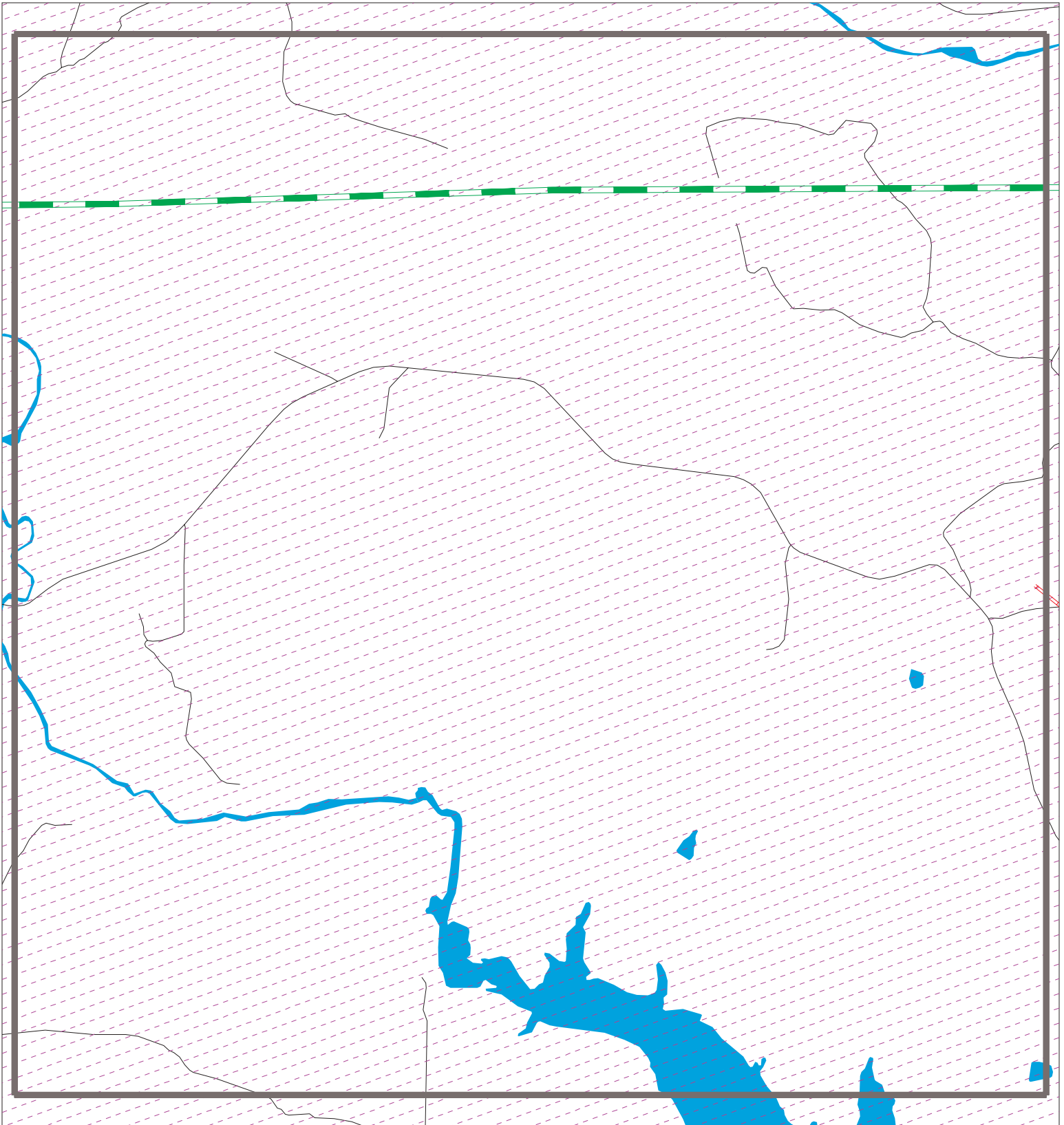
MAPPED SITES SUMMARY - FOCUS MAP 18











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

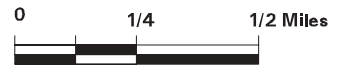
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 19 - 7696910.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

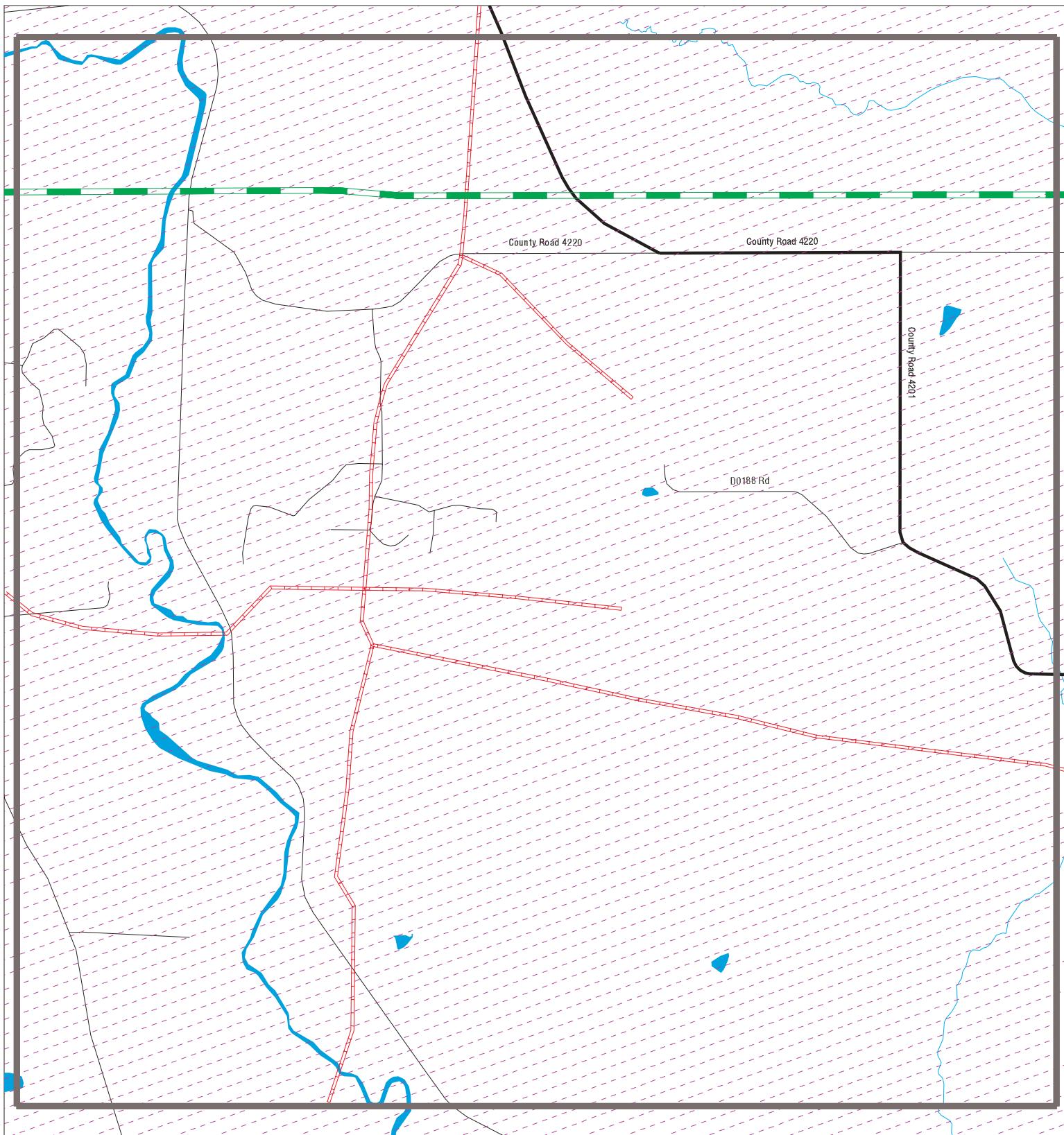
MAPPED SITES SUMMARY - FOCUS MAP 19











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 20 - 7696910.5s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

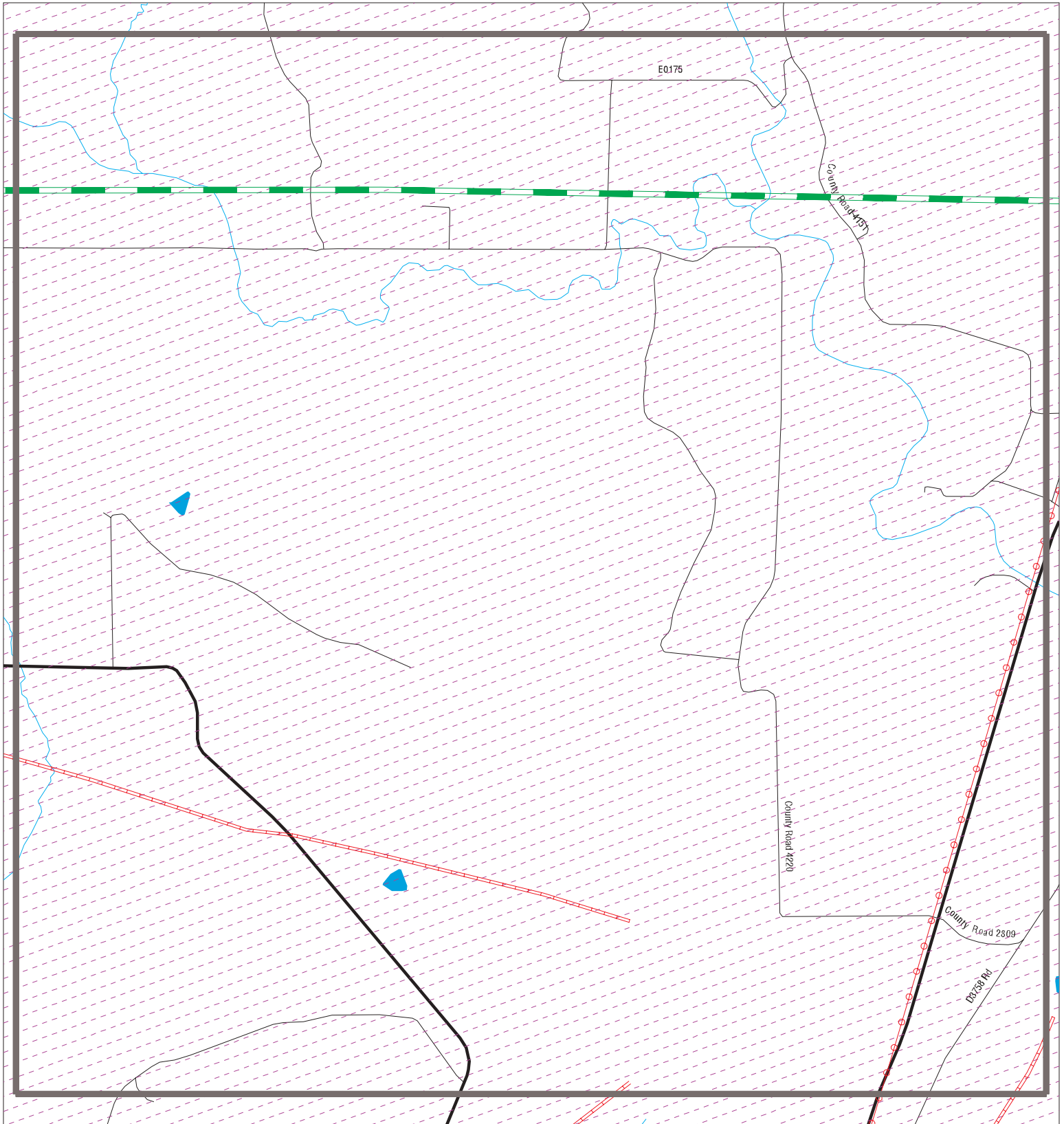
MAPPED SITES SUMMARY - FOCUS MAP 20











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

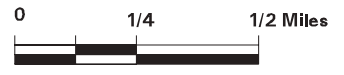
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 21 - 7696910.5s



- | | | | | | |
|--|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment ADDRESS: Pipeline Alignment CITY/STATE: Pawhuska OK ZIP: 74056	CLIENT: S2 Engineering PLLC CONTACT: Srini@s2epllc.com INQUIRY #: 7696910.5s DATE: 07/01/24
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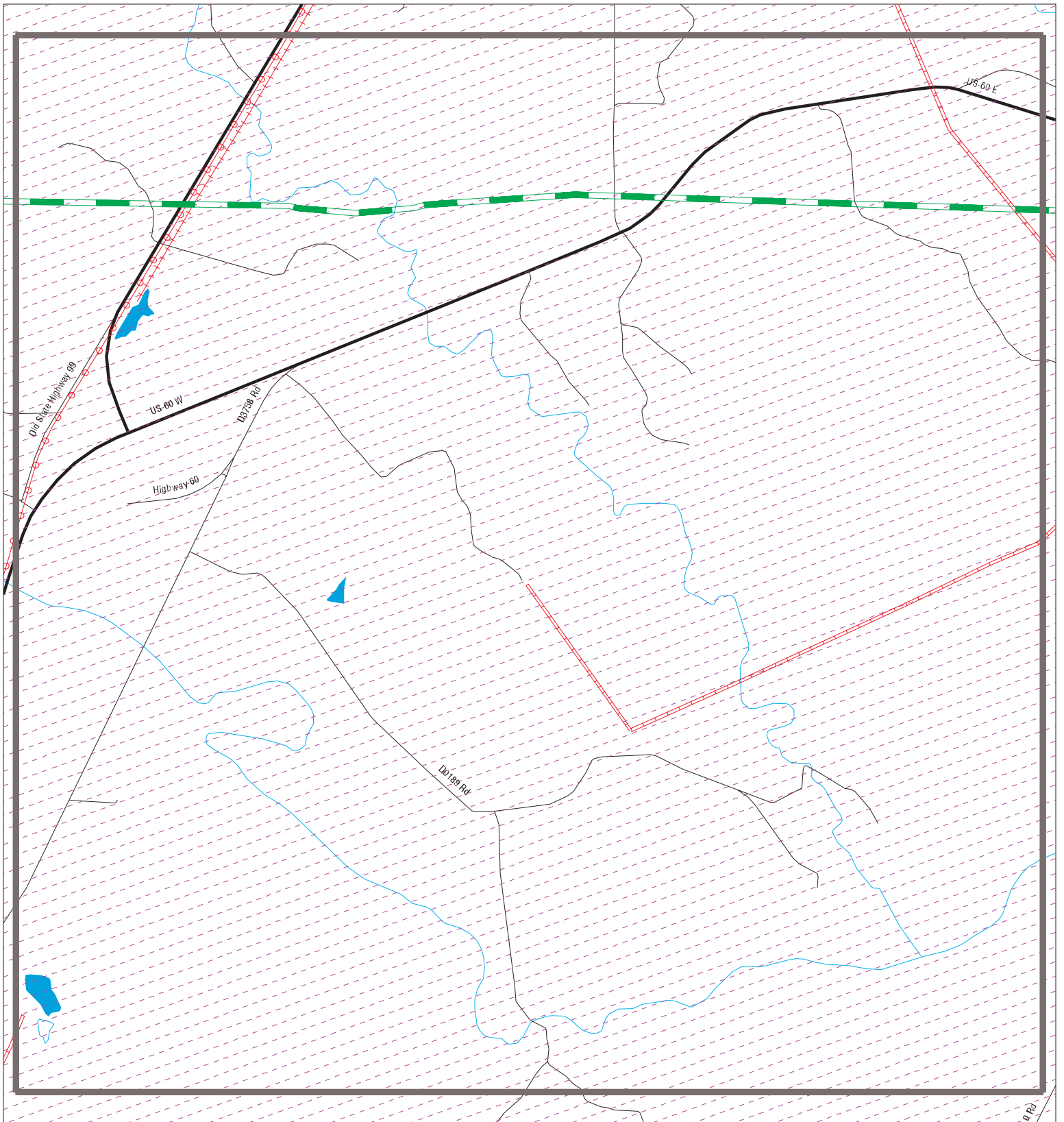
MAPPED SITES SUMMARY - FOCUS MAP 21

Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 22 - 7696910.5s



- | | | | | | |
|--|----------------------|--|-------------------|--|------------------------------|
| | Sites | | Focus Map - Sites | | Dept. Defense Sites |
| | Target Property | | Power Line | | Indian Reservations BIA |
| | Search Buffer | | Pipe Line | | National Priority List Sites |
| | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2eрllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

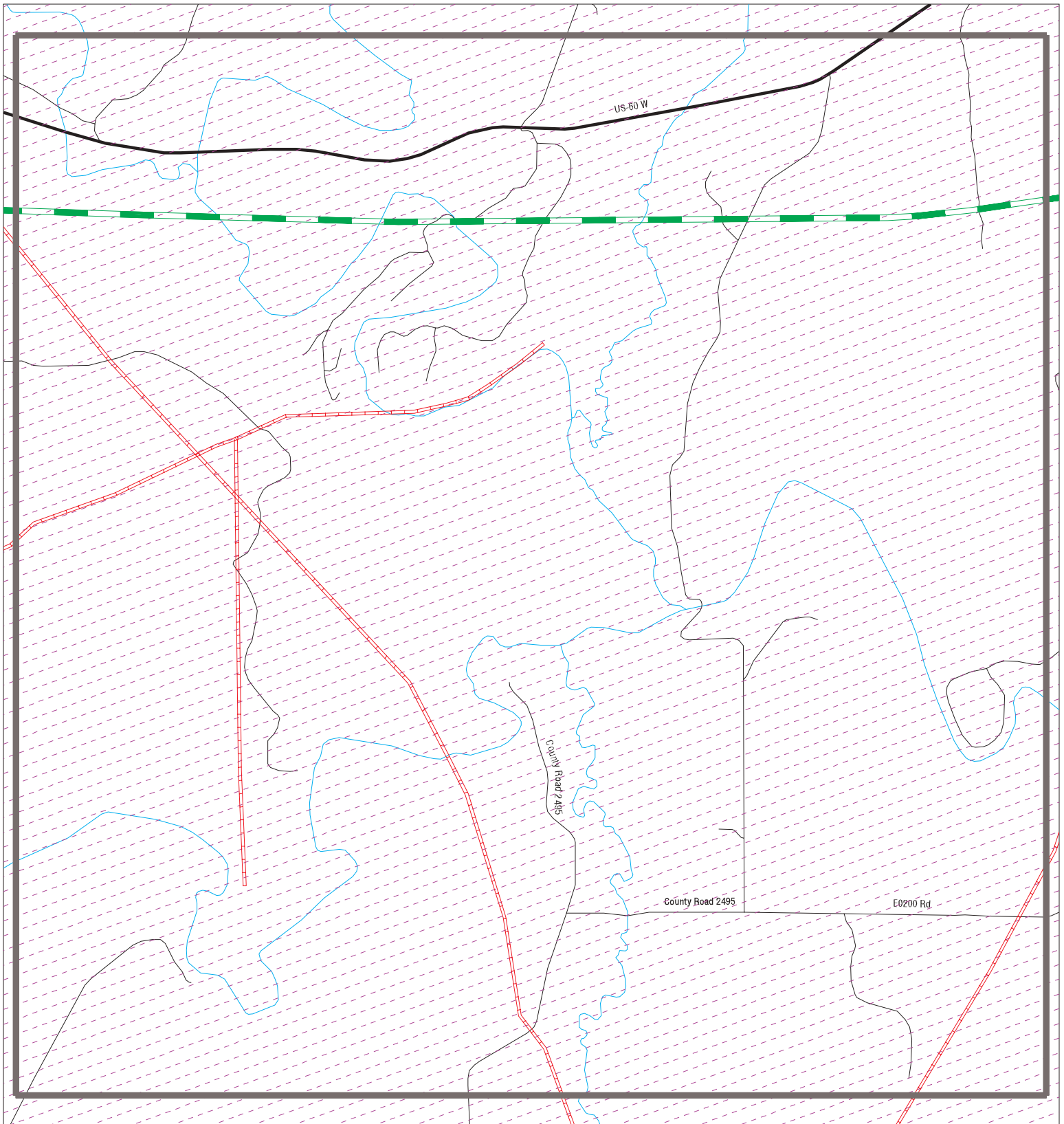
MAPPED SITES SUMMARY - FOCUS MAP 22

Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

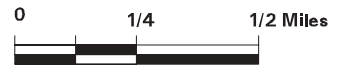
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 23 - 7696910.5s



- ▲ Sites
- // Focus Map - Sites
- Dept. Defense Sites
- / Target Property
- / Power Line
- Indian Reservations BIA
- / Search Buffer
- / Pipe Line
- // Focus Map - No Sites
- National Priority List Sites



<p>SITE NAME: Pipeline Alignment ADDRESS: Pipeline Alignment CITY/STATE: Pawhuska OK ZIP: 74056</p>	<p>CLIENT: S2 Engineering PLLC CONTACT: Sрни@s2epllc.com INQUIRY #: 7696910.5s DATE: 07/01/24</p>
--	--

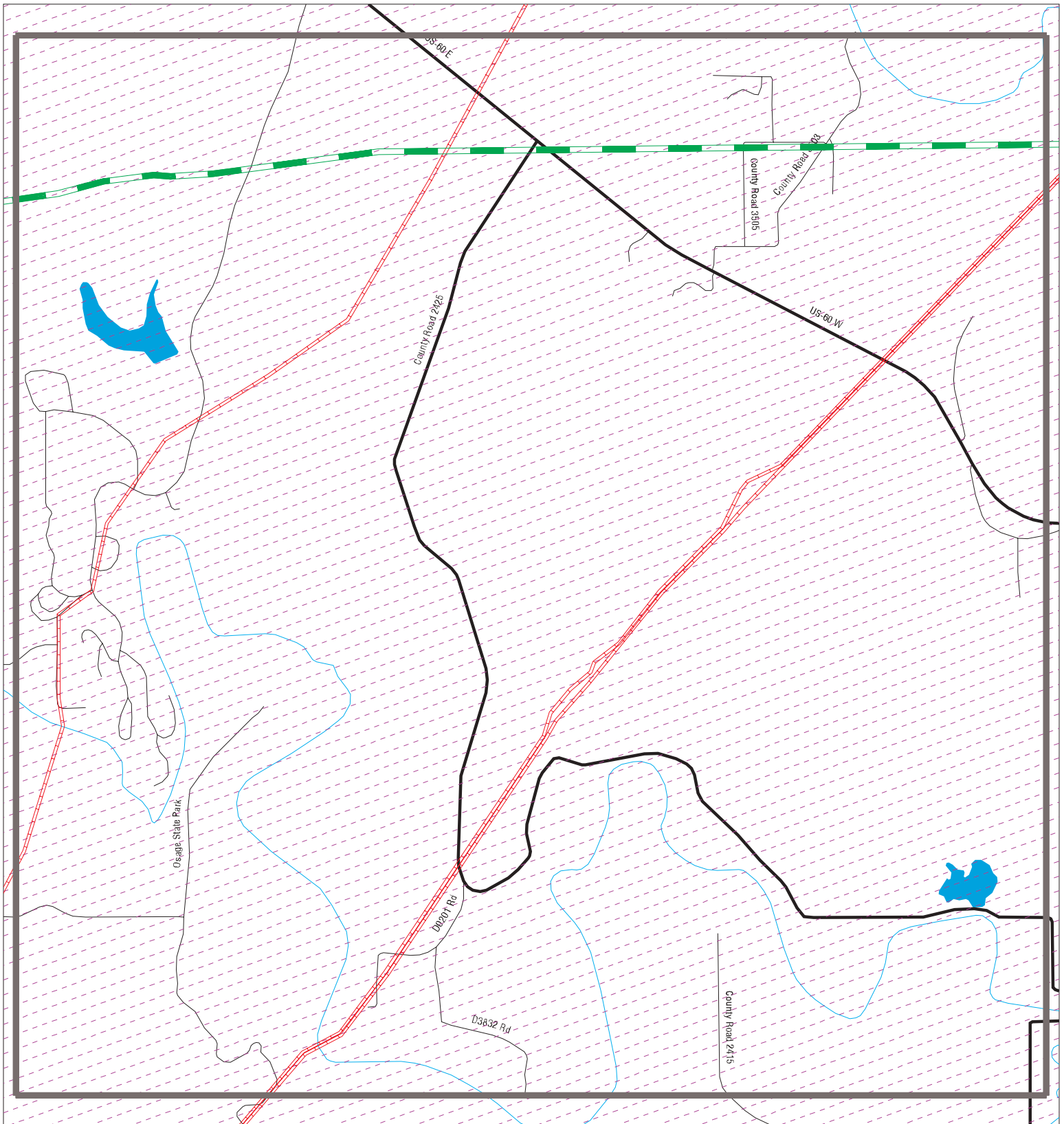
MAPPED SITES SUMMARY - FOCUS MAP 23

Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 24 - 7696910.5s



- | | | |
|----------------------|------------------------------|-------------------------|
| Sites | Focus Map - Sites | Dept. Defense Sites |
| Target Property | Power Line | Indian Reservations BIA |
| Search Buffer | Pipe Line | |
| Focus Map - No Sites | National Priority List Sites | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

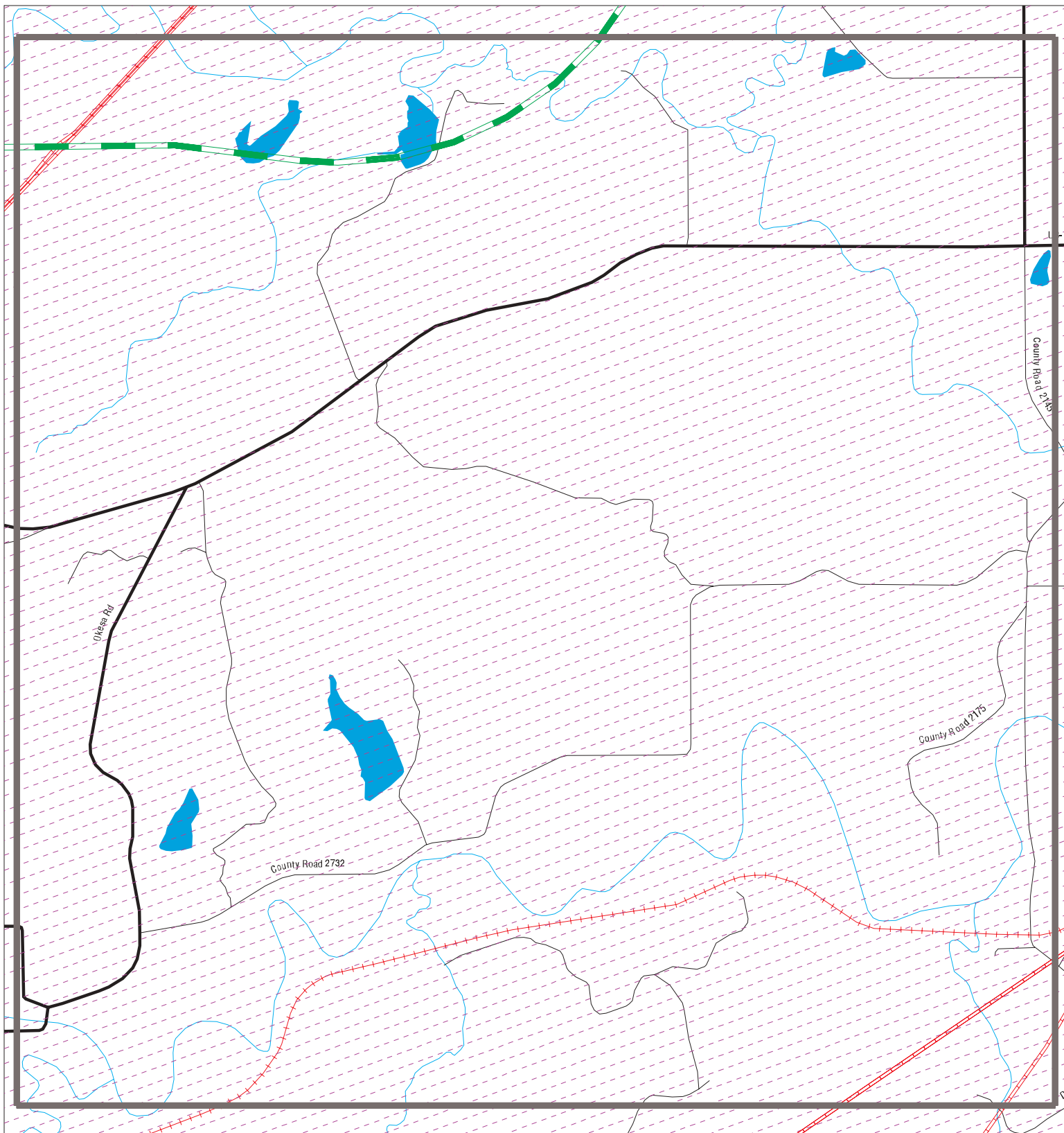
MAPPED SITES SUMMARY - FOCUS MAP 24

Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Focus Map - 25 - 7696910.5s



- | | | | | | |
|--|----------------------|--|------------------------------|--|-------------------------|
| | Sites | | Focus Map - Sites | | Dept. Defense Sites |
| | Target Property | | Power Line | | Indian Reservations BIA |
| | Search Buffer | | Pipe Line | | |
| | Focus Map - No Sites | | National Priority List Sites | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srini@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

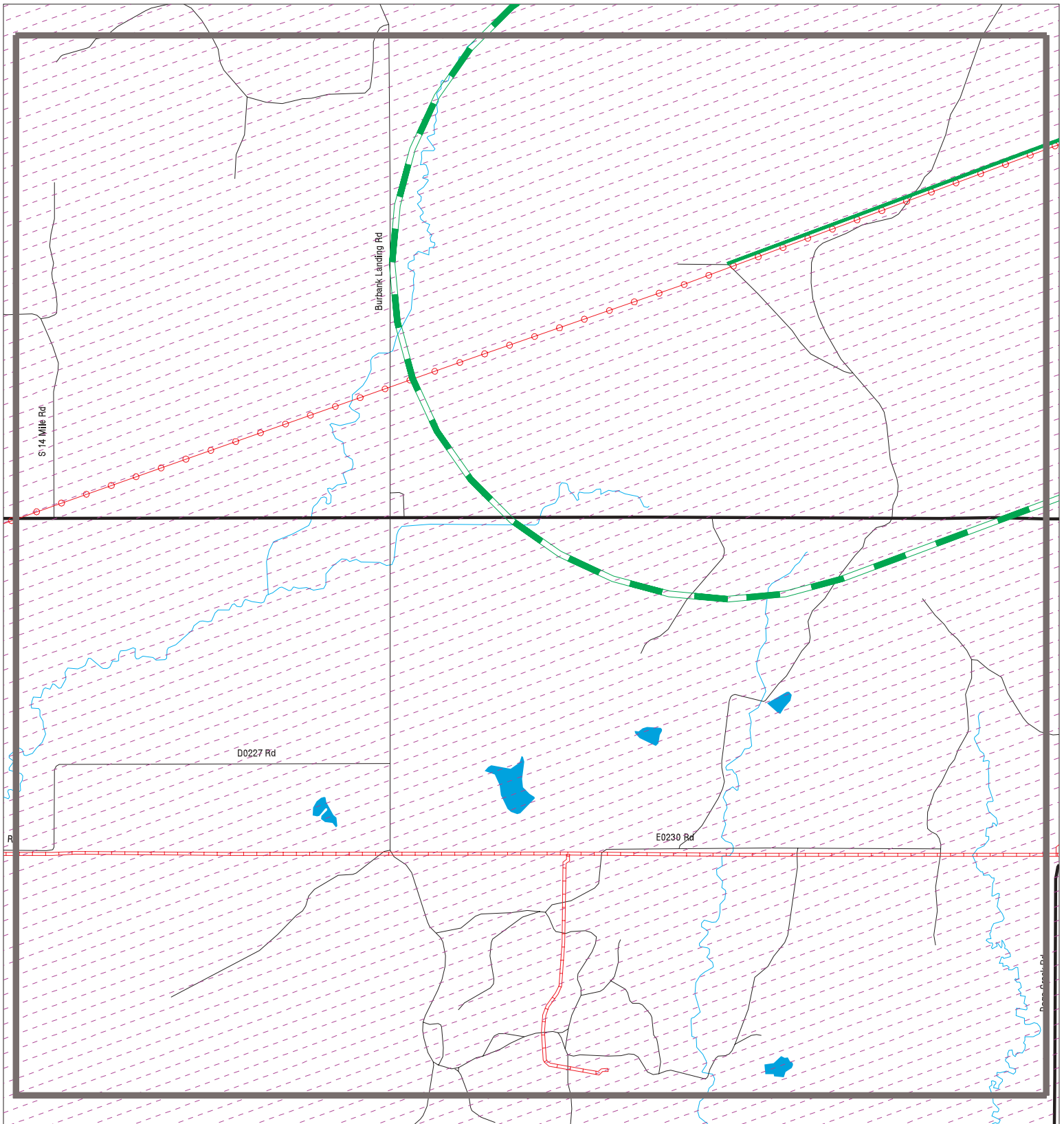
MAPPED SITES SUMMARY - FOCUS MAP 25











Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Focus Map - 26 - 7696910.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment
ADDRESS: Pipeline Alignment
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srimi@s2epllc.com
INQUIRY #: 7696910.5s
DATE: 07/01/24

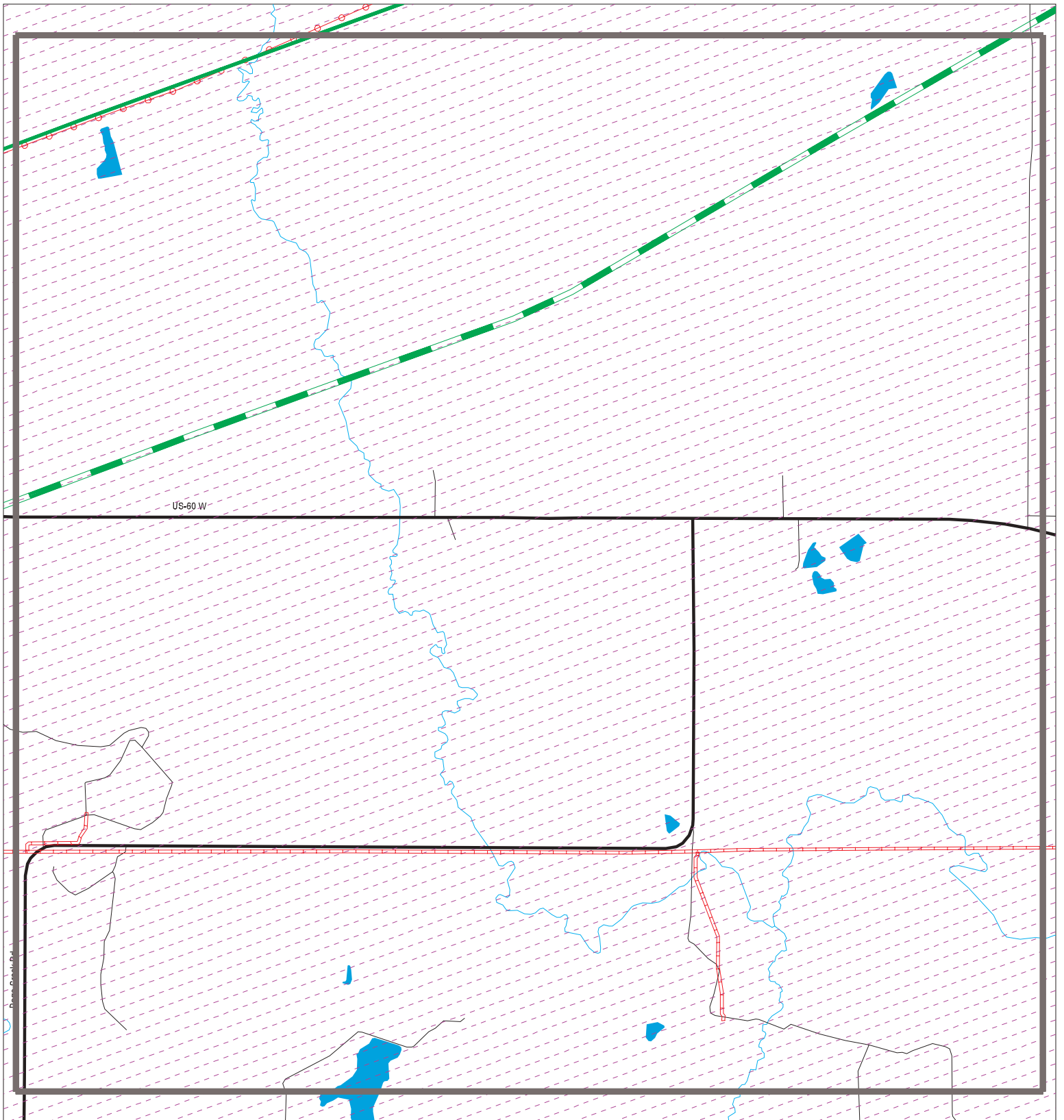
MAPPED SITES SUMMARY - FOCUS MAP 26

Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

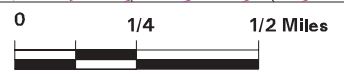
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Focus Map - 27 - 7696910.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Pipeline Alignment ADDRESS: Pipeline Alignment CITY/STATE: Pawhuska OK ZIP: 74056	CLIENT: S2 Engineering PLLC CONTACT: Sрни@s2epllc.com INQUIRY #: 7696910.5s DATE: 07/01/24
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MAPPED SITES SUMMARY - FOCUS MAP 27

Target Property:
PIPELINE ALIGNMENT
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IND RES OSAGE RESERVATION
Region
Target , OK
Property

INDIAN RESERV CIND200483
N/A

INDIAN RESERV:
Feature: Indian Reservation
Name: Osage Reservation
Agency: BIA

Focus Map:

1 OS3063 - WELL NO. BIGHE16 (E)
Target SE/4, SEC. 34, T 27N, R 6E
Property SHIDLER, OK 74652

ICIS 1018304382
N/A

ICIS:
Enforcement Action ID: 06-200037640
FRS ID: 110017752136
Action Name: LINN - K (4/10)
Actual: Facility Name: OS3063 - WELL NO. BIGHE16 (E)
1034 ft. Facility Address: SE/4, SEC. 34, T 27N, R 6E
Focus Map: SHIDLER, OK 74652
1 Enforcement Action Type: Notice of Violation
Facility County: OSAGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 36.768322
Longitude in Decimal Degrees: -96.642824
Permit Type Desc: Not reported
Program System Acronym: 6667088
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 06-200015540
FRS ID: 110017752136
Action Name: LINN - K (4/09)
Facility Name: OS3063 - WELL NO. BIGHE16 (E)
Facility Address: SE/4, SEC. 34, T 27N, R 6E
SHIDLER, OK 74652

Enforcement Action Type: Notice of Violation
Facility County: OSAGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 36.768322
Longitude in Decimal Degrees: -96.642824
Permit Type Desc: Not reported
Program System Acronym: 6667088
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

2
North
1/8-1/4
0.212 mi.
1118 ft.

SHIDLER, CITY OF
P.O. BOX 335
SHIDLER, OK 74652

FINDS **1013889450**
ECHO **N/A**
PFAS ECHO

Actual:
1071 ft.

FINDS:
 Registry ID: 110022620047

Focus Map:
1

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1013889450
 Registry ID: 110022620047
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110022620047>
 Name: SHIDLER, CITY OF
 Address: P.O. BOX 335
 City,State,Zip: SHIDLER, OK 74652

PFAS ECHO:

Name: SHIDLER, CITY OF
 Address: Not reported
 City,State,Zip: SHIDLER, OK
 Latitude: 36.771125
 Longitude: -96.651547
 Count: 1
 County: OSAGE
 Status: Active
 Region: 06
 Industry: Waste Management
 ECHO Facility Report: <https://echo.epa.gov/detailed-facility-report?fid=110022620047>
 Facility Percent Minority: 23.404
 Facility Derived Tribes: The Osage Nation - 0 mile(s), Kaw Nation, Oklahoma - 5.6 mile(s), Pawnee Nation of Oklahoma - 15.5 mile(s), Kaw Nation, Oklahoma - 17.4 mile(s), Ponca Tribe of Indians of Oklahoma - 17.4 mile(s), Ponca Tribe of Indians of Oklahoma - 18.7 mile(s)

Facility Population: 18.34
 EPA Programs: CWA
 Federal Facility: No
 Federal Agency: -
 Facility FIPS Code: 40113
 Facility Indian Country Flag: N
 Facility Collection Method: GPS CODE (PSEUDO RANGE) DIFFERENTIAL
 Facility Derived HUC: 11060006
 Facility Derived WBD: 110600060303
 Facility Derived CD113: 03
 Facility Derived CB2010: 401139400111522
 Facility Major Flag: -

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHIDLER, CITY OF (Continued)

1013889450

Facility Active Flag:	Y
Facility Inspection Count:	3
Facility Date Last Inspection:	9/25/2023
Facility Days Last Inspection:	82
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	1
Facility Date Last Formal Action:	10/18/2023
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	2
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	Y
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	OK0022993
CWA Permit Types:	Non-M
CWA NAICS:	221320
CWA SICS:	4952
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-96.651547,%22y%22:36.771125,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

Count: 4 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BARTLESVILLE	1003875980	EAST BARTLESVILLE DUMP	5.5 MILES EAST OF BARTLESVILLE, OKLAHOMA	74003	SEMS-ARCHIVE
BARTLESVILLE	1003875981	OLD DEWEY ROAD DUMP	0.5 MILES N. OF BARTLESVILLE, OKLAHOMA	74003	SEMS-ARCHIVE
FORAKER	S110466018	CHAPARRAL ENERGY--CARMAN BATTERY	N/2 SECTION 16-T28N-R08E (EAST OF FORAKER OK)	74652	TIER 2
SHIDLER	1016409220	SALTCREEK NO. 1-H	CAMERON RD (SW 10-25N-6E)	74652	US AIRS, FINDS, ECHO

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/22/2024	Source: EPA
Date Data Arrived at EDR: 06/03/2024	Telephone: N/A
Date Made Active in Reports: 06/26/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/08/2024
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/22/2024	Source: EPA
Date Data Arrived at EDR: 06/03/2024	Telephone: N/A
Date Made Active in Reports: 06/26/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/08/2024
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/25/2024
Date Data Arrived at EDR: 03/26/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/25/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 05/01/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/22/2024	Source: EPA
Date Data Arrived at EDR: 05/01/2024	Telephone: 800-424-9346
Date Made Active in Reports: 05/24/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/22/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/03/2024	Source: EPA
Date Data Arrived at EDR: 06/07/2024	Telephone: 800-424-9346
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 214-665-6444
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 214-665-6444
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 214-665-6444
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 214-665-6444
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/14/2024	Source: Department of the Navy
Date Data Arrived at EDR: 02/16/2024	Telephone: 843-820-7326
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/17/2024
Number of Days to Update: 48	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2024	Telephone: 703-603-0695
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/21/2024
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/02/2024
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2024	Telephone: 703-603-0695
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/21/2024
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/02/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/13/2024

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 03/19/2024

Telephone: 202-267-2180

Date Made Active in Reports: 06/17/2024

Last EDR Contact: 06/17/2024

Number of Days to Update: 90

Next Scheduled EDR Contact: 09/30/2024

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Voluntary Cleanup & Superfund Site Status Report

Land restoration projects carried out in several DEQ programs.

Date of Government Version: 10/27/2022

Source: Department of Environmental Quality

Date Data Arrived at EDR: 11/08/2022

Telephone: 405-702-5100

Date Made Active in Reports: 01/27/2023

Last EDR Contact: 05/09/2024

Number of Days to Update: 80

Next Scheduled EDR Contact: 08/19/2024

Data Release Frequency: No Update Planned

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Permitted Solid Waste Disposal & Processing Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/17/2023

Source: Department of Environmental Quality

Date Data Arrived at EDR: 03/22/2023

Telephone: 405-702-5184

Date Made Active in Reports: 06/07/2023

Last EDR Contact: 06/18/2024

Number of Days to Update: 77

Next Scheduled EDR Contact: 09/30/2024

Data Release Frequency: Annually

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/05/2024

Source: Oklahoma Corporation Commission

Date Data Arrived at EDR: 03/20/2024

Telephone: 405-521-3107

Date Made Active in Reports: 06/12/2024

Last EDR Contact: 06/18/2024

Number of Days to Update: 84

Next Scheduled EDR Contact: 09/30/2024

Data Release Frequency: Varies

LAST: Leaking Aboveground Storage Tanks List

Leaking aboveground storage tank site locations.

Date of Government Version: 03/05/2024

Source: Oklahoma Corporation Commission

Date Data Arrived at EDR: 03/20/2024

Telephone: 405-522-4640

Date Made Active in Reports: 06/12/2024

Last EDR Contact: 06/18/2024

Number of Days to Update: 84

Next Scheduled EDR Contact: 09/30/2024

Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/04/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 01/17/2024	Telephone: 312-886-7439
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/15/2024	Source: FEMA
Date Data Arrived at EDR: 03/19/2024	Telephone: 202-646-5797
Date Made Active in Reports: 06/17/2024	Last EDR Contact: 06/26/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/14/2024
	Data Release Frequency: Varies

UST: Underground Storage Tank Listing

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/05/2024	Source: Oklahoma Corporation Commission
Date Data Arrived at EDR: 03/20/2024	Telephone: 405-521-3107
Date Made Active in Reports: 06/12/2024	Last EDR Contact: 06/18/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Varies

AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 03/05/2024	Source: Oklahoma Corporation Commission
Date Data Arrived at EDR: 03/20/2024	Telephone: 405-521-3107
Date Made Active in Reports: 06/12/2024	Last EDR Contact: 06/18/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/24/2023	Source: EPA Region 4
Date Data Arrived at EDR: 01/17/2024	Telephone: 404-562-9424
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 04/17/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 9
Date Data Arrived at EDR: 01/17/2024	Telephone: 415-972-3368
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 8
Date Data Arrived at EDR: 01/17/2024	Telephone: 303-312-6137
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 01/17/2024	Telephone: 617-918-1313
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/17/2023	Source: EPA Region 5
Date Data Arrived at EDR: 01/17/2024	Telephone: 312-886-6136
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 04/17/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/24/2023	Source: EPA Region 6
Date Data Arrived at EDR: 01/17/2024	Telephone: 214-665-7591
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 10
Date Data Arrived at EDR: 01/17/2024	Telephone: 206-553-2857
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 7
Date Data Arrived at EDR: 01/17/2024	Telephone: 913-551-7003
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TANKS: Petroleum Storage Tank Other Facilities List

A list of Oklahoma facilities that are not associated with any registered tanks (i.e., historical facilities, brand new facilities awaiting tank installation, etc).

Date of Government Version: 03/05/2024	Source: Oklahoma Corporation Commission
Date Data Arrived at EDR: 03/20/2024	Telephone: 405-522-4640
Date Made Active in Reports: 06/12/2024	Last EDR Contact: 06/18/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Sites

Sites with institutional controls in place.

Date of Government Version: 01/09/2024	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/07/2024	Telephone: 405-702-5100
Date Made Active in Reports: 05/01/2024	Last EDR Contact: 05/07/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/14/2024
Number of Days to Update: 142	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Site Inventory

Investigations and cleanups by groups or individuals participating in the Voluntary Cleanup Program (VCP).

Date of Government Version: 11/06/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/08/2023	Telephone: 405-702-5100
Date Made Active in Reports: 02/01/2024	Last EDR Contact: 05/07/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Quarterly

SCAP: Site Cleanup Assistance program Listing

SCAP remediates abandoned hazardous waste sites and closed armories and provides other cleanup assistance to public entities around the state.

Date of Government Version: 03/19/2024	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/20/2024	Telephone: 405-702-5138
Date Made Active in Reports: 06/12/2024	Last EDR Contact: 06/18/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS: Brownfield Sites

Brownfields are defined by Oklahoma law as abandoned, idled or under used industrial or commercial facilities or other real property at which expansion or redevelopment of the real property is complicated by environmental contamination caused by regulated substances. This program provides a means for private parties and government entities to voluntarily investigate and if warranted, clean up properties that may be contaminated with hazardous wastes. The formal Brownfields Program provides specific state liability relief and protects the property from federal Superfund actions.

Date of Government Version: 09/07/2012	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/07/2012	Telephone: 405-702-5100
Date Made Active in Reports: 10/10/2012	Last EDR Contact: 05/03/2024
Number of Days to Update: 33	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: No Update Planned

BROWNFIELDS 2: Brownfields Public Record Listing

The Brownfields program provides a means for private parties and government entities to voluntarily investigate and if warranted, clean up properties that may be contaminated with hazardous wastes. The formal Brownfields Program provides specific state liability relief and protects the property from federal Superfund actions.

Date of Government Version: 09/12/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/09/2023	Telephone: 405-702-5100
Date Made Active in Reports: 02/06/2024	Last EDR Contact: 05/09/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/11/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/12/2024	Telephone: 202-566-2777
Date Made Active in Reports: 05/10/2024	Last EDR Contact: 06/11/2024
Number of Days to Update: 59	Next Scheduled EDR Contact: 09/23/2024
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facilities

A listing of recycling facility locations.

Date of Government Version: 07/10/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/14/2022	Telephone: 405-702-5100
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 04/11/2024
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/22/2024
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 04/22/2024
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/05/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/15/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/19/2024
Next Scheduled EDR Contact: 08/04/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Underground Storage Tank List, List II Version

This underground storage tank listing includes tank information through March 2003. This listing is no longer updated by the Oklahoma Corporation Commission.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/21/2003
Date Data Arrived at EDR: 04/28/2003
Date Made Active in Reports: 05/27/2003
Number of Days to Update: 29

Source: Oklahoma Corporation Commission
Telephone: 405-521-3107
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

OK COMPLAINT: Oklahoma Complaint System Database

Environmental complaints reported to the Oklahoma Corporation Commission.

Date of Government Version: 06/30/2023
Date Data Arrived at EDR: 02/14/2024
Date Made Active in Reports: 05/07/2024
Number of Days to Update: 83

Source: Oklahoma Conservation Commission
Telephone: 405-521-4828
Last EDR Contact: 05/03/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Annually

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/30/2024
Date Data Arrived at EDR: 02/13/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 51

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/14/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 04/11/2024
Number of Days to Update: 239	Next Scheduled EDR Contact: 07/22/2024
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 04/04/2024
Number of Days to Update: 574	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 05/09/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/18/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/19/2024	Telephone: 202-566-1917
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/17/2024
Number of Days to Update: 93	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 04/29/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/02/2024
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 06/13/2024
Number of Days to Update: 283	Next Scheduled EDR Contact: 09/23/2024
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022	Source: EPA
Date Data Arrived at EDR: 11/13/2023	Telephone: 202-566-0250
Date Made Active in Reports: 02/07/2024	Last EDR Contact: 05/16/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/26/2024
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/16/2024	Source: EPA
Date Data Arrived at EDR: 01/17/2024	Telephone: 202-564-4203
Date Made Active in Reports: 03/27/2024	Last EDR Contact: 04/17/2024
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/22/2024	Source: EPA
Date Data Arrived at EDR: 06/03/2024	Telephone: 703-416-0223
Date Made Active in Reports: 06/26/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/09/2024
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/08/2024	Telephone: 202-564-8600
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 04/15/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-6023
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 06/03/2024
Number of Days to Update: 16	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 04/04/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/26/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/14/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/02/2024	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 01/16/2024	Telephone: 301-415-0717
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 04/15/2024
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022	Source: Department of Energy
Date Data Arrived at EDR: 11/27/2023	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2024	Last EDR Contact: 05/28/2024
Number of Days to Update: 87	Next Scheduled EDR Contact: 09/09/2024
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 05/28/2024
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/09/2024
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/02/2024
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/23/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2024
Date Data Arrived at EDR: 04/19/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 04/04/2024
Number of Days to Update: 546	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023	Source: Department of Energy
Date Data Arrived at EDR: 03/03/2023	Telephone: 202-586-3559
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 04/26/2024
Number of Days to Update: 98	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 05/16/2024
Number of Days to Update: 74	Next Scheduled EDR Contact: 08/26/2024
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/22/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2024	Telephone: 703-603-8787
Date Made Active in Reports: 06/24/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2024
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 04/04/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/23/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 79

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/13/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/09/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 87

Source: EPA
Telephone: (214) 665-2200
Last EDR Contact: 05/29/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/17/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/28/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/08/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/17/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/12/2024
Date Data Arrived at EDR: 02/13/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 51

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/14/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/22/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 04/16/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS: PFAS Contamination Site Location Listing

A listing of sites where PFAS contaminants has been detected to date.

Date of Government Version: 10/01/2022
Date Data Arrived at EDR: 01/10/2023
Date Made Active in Reports: 03/28/2023
Number of Days to Update: 77

Source: Department of Environmental Quality
Telephone: 405-702-5100
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

AIRS: Permitted AIRS Facility Listing

A listing of permitted AIRS facility locations.

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 85

Source: Department of Environmental Quality
Telephone: 405-702-4100
Last EDR Contact: 06/14/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

ASBESTOS: Asbestos Notification

Asbestos project site locations

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/21/2024
Number of Days to Update: 84

Source: Department of Labor
Telephone: 405-521-6467
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facilities

A listing of drycleaner facility locations.

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 85

Source: Department of Environmental Quality
Telephone: 405-702-9100
Last EDR Contact: 06/14/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

FIN ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information.

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 11/06/2014
Date Made Active in Reports: 01/13/2015
Number of Days to Update: 68

Source: Department of Environmental Quality
Telephone: 405-702-5105
Last EDR Contact: 05/03/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: No Update Planned

FIN ASSURANCE 2: Financial Assurance Information Listing

Financial Assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/10/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 01/24/2014
Number of Days to Update: 43

Source: Department of Environmental Quality
Telephone: 405-702-5100
Last EDR Contact: 05/03/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: No Update Planned

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/07/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 85

Source: Department of Environmental Quality
Telephone: 405-702-1000
Last EDR Contact: 06/06/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: Underground Injection Wells Database Listing

Class I injection wells. CLASS I wells are used to inject liquid hazardous and non-hazardous wastes beneath the lower most Underground Sources of Drinking Water (USDW).

Date of Government Version: 12/15/2023
Date Data Arrived at EDR: 01/11/2024
Date Made Active in Reports: 03/29/2024
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 405-702-5188
Last EDR Contact: 04/10/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Semi-Annually

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as e-Manifest, will modernize the nation's cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 04/18/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oklahoma.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oklahoma.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/20/2014
Number of Days to Update: 203

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Oklahoma Corporation Commission in Oklahoma.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/27/2013
Number of Days to Update: 179

Source: Oklahoma Corporation Commission
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/06/2024
Date Made Active in Reports: 04/25/2024
Number of Days to Update: 79

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/07/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/25/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Quarterly

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers

Source: Department of Human Services
Telephone: 405-521-3561

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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Kaw Pipeline

Kaw Pipeline

Pawhuska, OK 74056

Inquiry Number: 7696907.5s

July 01, 2024

EDR Area / Corridor Report



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Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Mapped Sites Summary	2
Key Map	2
Map Findings Summary	3
Focus Maps	7
Map Findings	63
Orphan Summary	OR-1
Government Records Searched/Data Currency Tracking	GR-1

Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

KAW PIPELINE
PAWHUSKA, OK 74056

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

STANDARD ENVIRONMENTAL RECORDS

Federal ERNS list

ERNS: Emergency Response Notification System

A review of the ERNS list, as provided by EDR, and dated 03/13/2024 has revealed that there are 2 ERNS sites within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
Not reported NRC Report #: 1151728 Incident Date Time: 2016-06-22 16:00:00	SEE LAT & LONG	A2 / 22	64
Not reported NRC Report #: 1164444 Incident Date Time: 2016-11-12 15:30:00	SEE LAT/LONG	4 / 22	66

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

COMPLAINT: Oklahoma Complaint System Database

A review of the COMPLAINT list, as provided by EDR, and dated 06/30/2023 has revealed that there is 1

EXECUTIVE SUMMARY

COMPLAINT site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
Not reported		A3 / 22	64

Other Ascertainable Records

ICIS: Integrated Compliance Information System

A review of the ICIS list, as provided by EDR, and dated 11/18/2016 has revealed that there is 1 ICIS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<i>OS2071 - WELL NO. 1S</i> FRS ID:: 110016670164	<i>SE/4, SEC. 27, T26N,</i>	<i>1 / 27</i>	<i>62</i>

INDIAN RESERV: Indian Reservations

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
OSAGE RESERVATION		Region / *****	62

FINDS: Facility Index System/Facility Registry System

A review of the FINDS list, as provided by EDR, and dated 02/09/2024 has revealed that there is 1 FINDS site within the requested target property.

<u>Site</u>	<u>Address</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
<i>OS2071 - WELL NO. 1S</i> Registry ID:: 110016670164	<i>SE/4, SEC. 27, T26N,</i>	<i>1 / 27</i>	<i>62</i>

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal registered storage tanks

UST: Underground Storage Tank Listing

A review of the UST list, as provided by EDR, and dated 03/05/2024 has revealed that there are 3 UST sites within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
BURBANK STORE Facility Id: 5711219 TankStatus: POU	20501 E HWY 60	S 0 - 1/8 (0.014 mi.)	B7 / 24	68
MIDWAY STORE Facility Id: 5757150 TankStatus: POU	13091 HWY 60	S 0 - 1/8 (0.035 mi.)	9 / 5	71
LIEBER'S TEXACO Facility Id: 5709127 TankStatus: POU	ADDRESS UNKNOWN	NNE 1/8 - 1/4 (0.171 mi.)	D14 / 20	75

AST: Aboveground Storage Tanks

A review of the AST list, as provided by EDR, and dated 03/05/2024 has revealed that there is 1 AST site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
BURBANK STORE Facility Id: 5711219 Tank Status: POU	20501 E HWY 60	S 0 - 1/8 (0.014 mi.)	B6 / 24	68

TANKS: Petroleum Storage Tank Other Facilities List

A review of the TANKS list, as provided by EDR, and dated 03/05/2024 has revealed that there are 5 TANKS sites within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
DON GALLOWAY	RED EAGLE RT, 14 MI	S 0 - 1/8 (0.059 mi.)	11 / 22	74
GEORGE W BRANUM GIBB	RED EAGLE RT 1/4 MI	SE 0 - 1/8 (0.065 mi.)	12 / 27	74
JOHN COBLE PHILLIPS	4 MI E HWY 60	S 0 - 1/8 (0.068 mi.)	C13 / 20	75
HISTORICAL FACILITY	HWY 60 WEST (N SIDE)	NNE 1/8 - 1/4 (0.185 mi.)	D15 / 20	77
HAROLD MCGOWEN PHILL	HWY 60 W IN TOWN	NNE 1/8 - 1/4 (0.196 mi.)	D16 / 20	78

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: Underground Storage Tank List, List II Version

A review of the HIST UST list, as provided by EDR, and dated 03/21/2003 has revealed that there are 2

EXECUTIVE SUMMARY

HIST UST sites within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
BURBANK STORE Facility Id: 5711219 Tank Status: Currently In Use Tank Status: Temporarily Out of Use	20501 E HWY 60	S 0 - 1/8 (0.014 mi.)	B7 / 24	68
LIEBER'S TEXACO Facility Id: 5709127 Tank Status: Permanently Out of Use	ADDRESS UNKNOWN	NNE 1/8 - 1/4 (0.171 mi.)	D14 / 20	75

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/03/2024 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
AMERICAN TEL & TEL C EPA ID:: OKD980598742	HWY 60 7M E H18	S 0 - 1/8 (0.052 mi.)	C10 / 20	72

US MINES: Mines Master Index File

A review of the US MINES list, as provided by EDR, has revealed that there is 1 US MINES site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
BURBANK MATERIALS LL Database: US MINES, Date of Government Version: 02/05/2024 Database: MINES VIOLATIONS, Date of Government Version: 01/02/2024 Mine ID:: 3402088	OLD HWY 60 / CR 4030	NNE 1/8 - 1/4 (0.225 mi.)	17 / 20	78

UST FINDER: UST Finder Database

A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there is 1 UST FINDER site within approximately 0.25 miles of the requested target property.

<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
BURBANK STORE	20501 E HWY 60	S 0 - 1/8 (0.014 mi.)	B5 / 24	66

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR Exclusive Historical Auto Stations

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto

EXECUTIVE SUMMARY

site within approximately 0.125 miles of the requested target property.

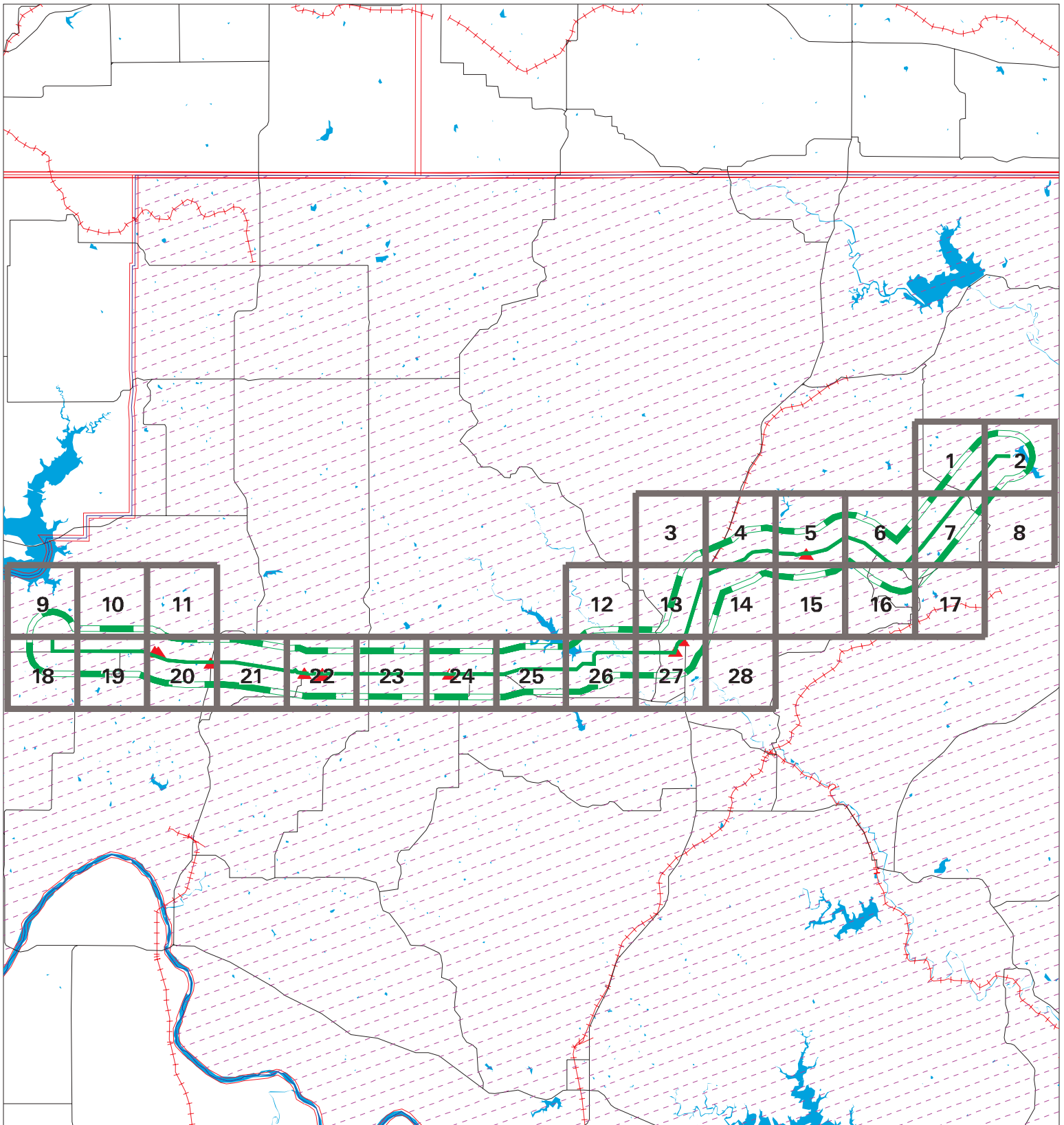
<u>Site</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID / Focus Map(s)</u>	<u>Page</u>
BURBANK GENERAL	20501 E HIGHWAY 60	S 0 - 1/8 (0.014 mi.)	B8 / 24	71

MAPPED SITES SUMMARY

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
Reg / *****	OSAGE RESERVATION		INDIAN RESERV	TP		
1 / 27	OS2071 - WELL NO. 1S	SE/4, SEC. 27, T26N,	ICIS, FINDS	TP		
A2 / 22		SEE LAT & LONG	ERNS	TP		
A3 / 22			COMPLAINT	TP		
4 / 22		SEE LAT/LONG	ERNS	TP		
B5 / 24	BURBANK STORE	20501 E HWY 60	UST FINDER	76	0.014	South
B6 / 24	BURBANK STORE	20501 E HWY 60	AST	76	0.014	South
B7 / 24	BURBANK STORE	20501 E HWY 60	UST, HIST UST	76	0.014	South
B8 / 24	BURBANK GENERAL	20501 E HIGHWAY 60	EDR Hist Auto	76	0.014	South
9 / 5	MIDWAY STORE	13091 HWY 60	UST	185	0.035	South
C10 / 20	AMERICAN TEL & TEL C	HWY 60 7M E H18	RCRA NonGen / NLR	274	0.052	South
11 / 22	DON GALLOWAY	RED EAGLE RT, 14 MI	TANKS	312	0.059	South
12 / 27	GEORGE W BRANUM GIBB	RED EAGLE RT 1/4 MI	TANKS	342	0.065	SE
C13 / 20	JOHN COBLE PHILLIPS	4 MI E HWY 60	TANKS	357	0.068	South
D14 / 20	LIEBER'S TEXACO	ADDRESS UNKNOWN	UST, HIST UST	902	0.171	NNE
D15 / 20	HISTORICAL FACILITY	HWY 60 WEST (N SIDE	TANKS	979	0.185	NNE
D16 / 20	HAROLD MCGOWEN PHILL	HWY 60 W IN TOWN	TANKS	1034	0.196	NNE
17 / 20	BURBANK MATERIALS LL	OLD HWY 60 / CR 4030	US MINES	1189	0.225	NNE

Key Map - 7696907.5s



- ▲ Sites
- ↗ Target Property
- ↘ Search Buffer
- ↗ Focus Map - Sites
- National Priority List Sites
- Dept. Defense Sites
- ↖ Focus Map - No Sites
- Indian Reservations BIA



<p>SITE NAME: Kaw Pipeline ADDRESS: Kaw Pipeline CITY/STATE: Pawhuska OK ZIP: 74056</p>	<p>CLIENT: S2 Engineering PLLC CONTACT: Sрни@s2epllc.com INQUIRY #: 7696907.5s DATE: 07/01/24 6:42 PM</p>
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP	2	NR	NR	NR	NR	NR	2
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	1	NR	NR	NR	3
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
TANKS	0.250		3	2	NR	NR	NR	5
<i>State and tribal institutional control / engineering control registries</i>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
SCAP	TP		NR	NR	NR	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
HIST UST	0.250		1	1	NR	NR	NR	2
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
COMPLAINT	TP	1	NR	NR	NR	NR	NR	1
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP	1	NR	NR	NR	NR	NR	1
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000	1	0	0	0	0	NR	1
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	1	NR	NR	NR	1
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
PFAS PROJECT	0.500		0	0	0	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
UST FINDER	0.250		1	0	NR	NR	NR	1
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		6	10	5	0	0	0	21

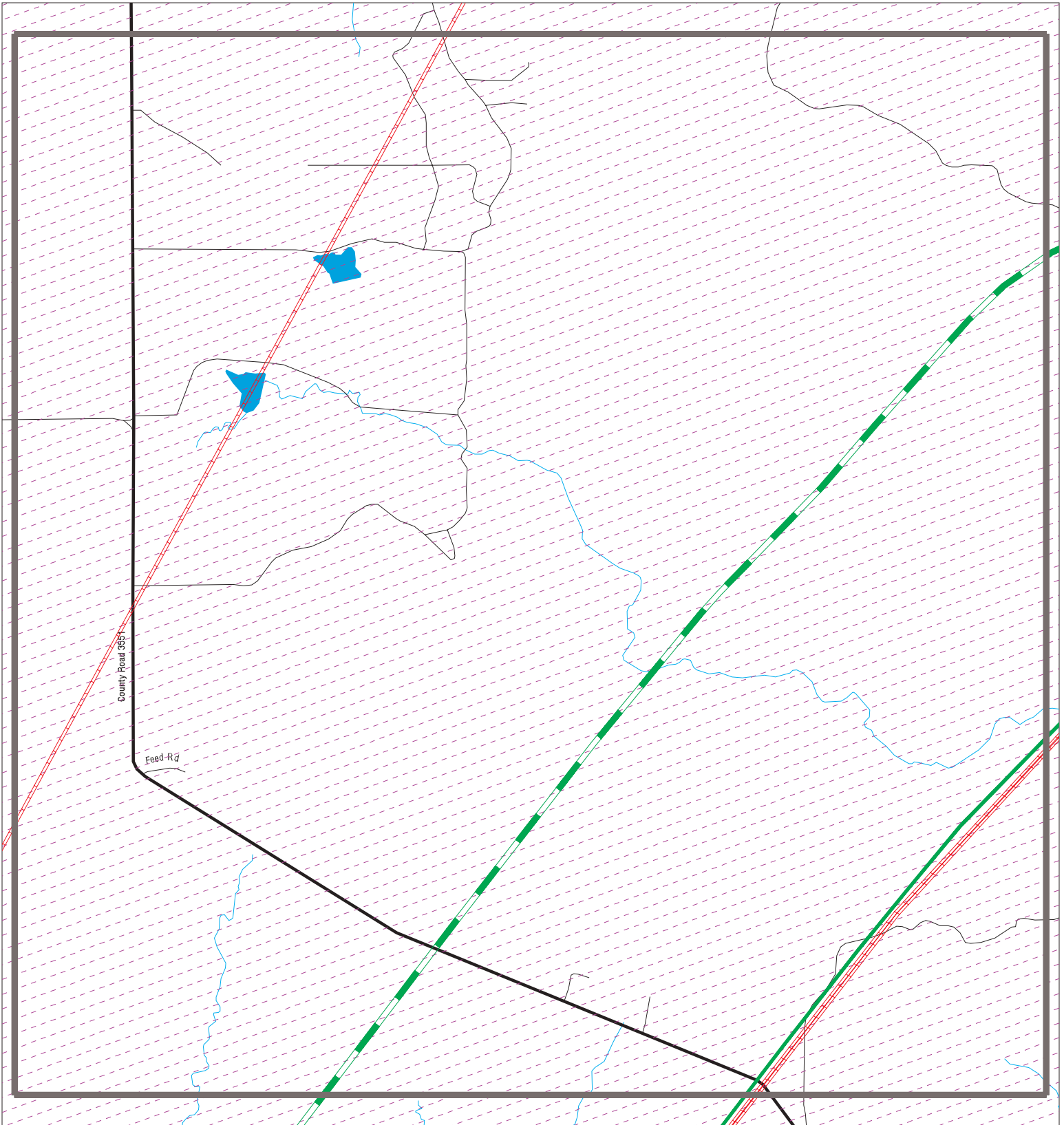
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TP = Target Property

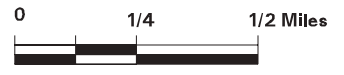
NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 7696907.5s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

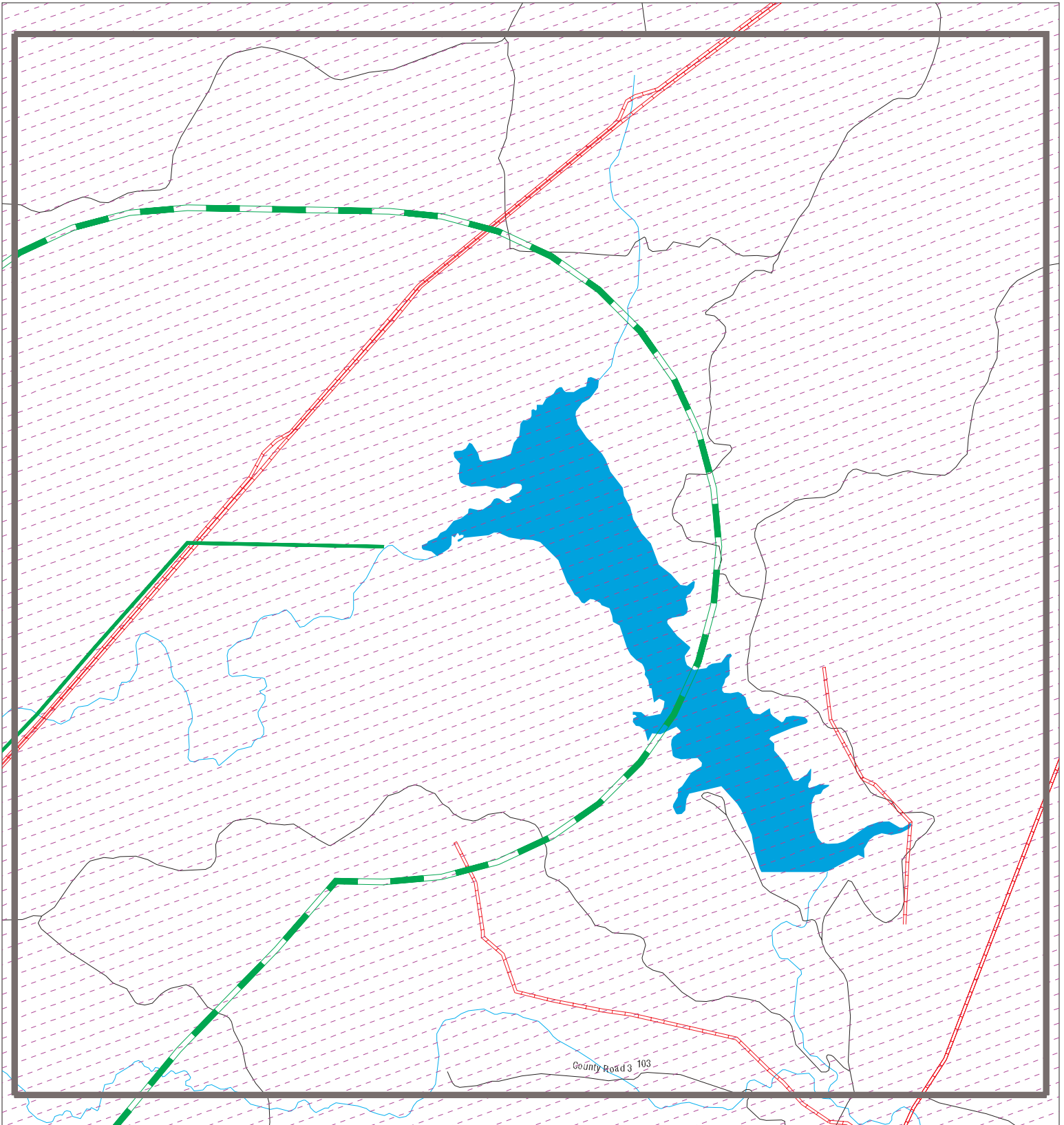
MAPPED SITES SUMMARY - FOCUS MAP 1











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 2 - 7696907.5s



- | | | | | | |
|--|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srimi@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

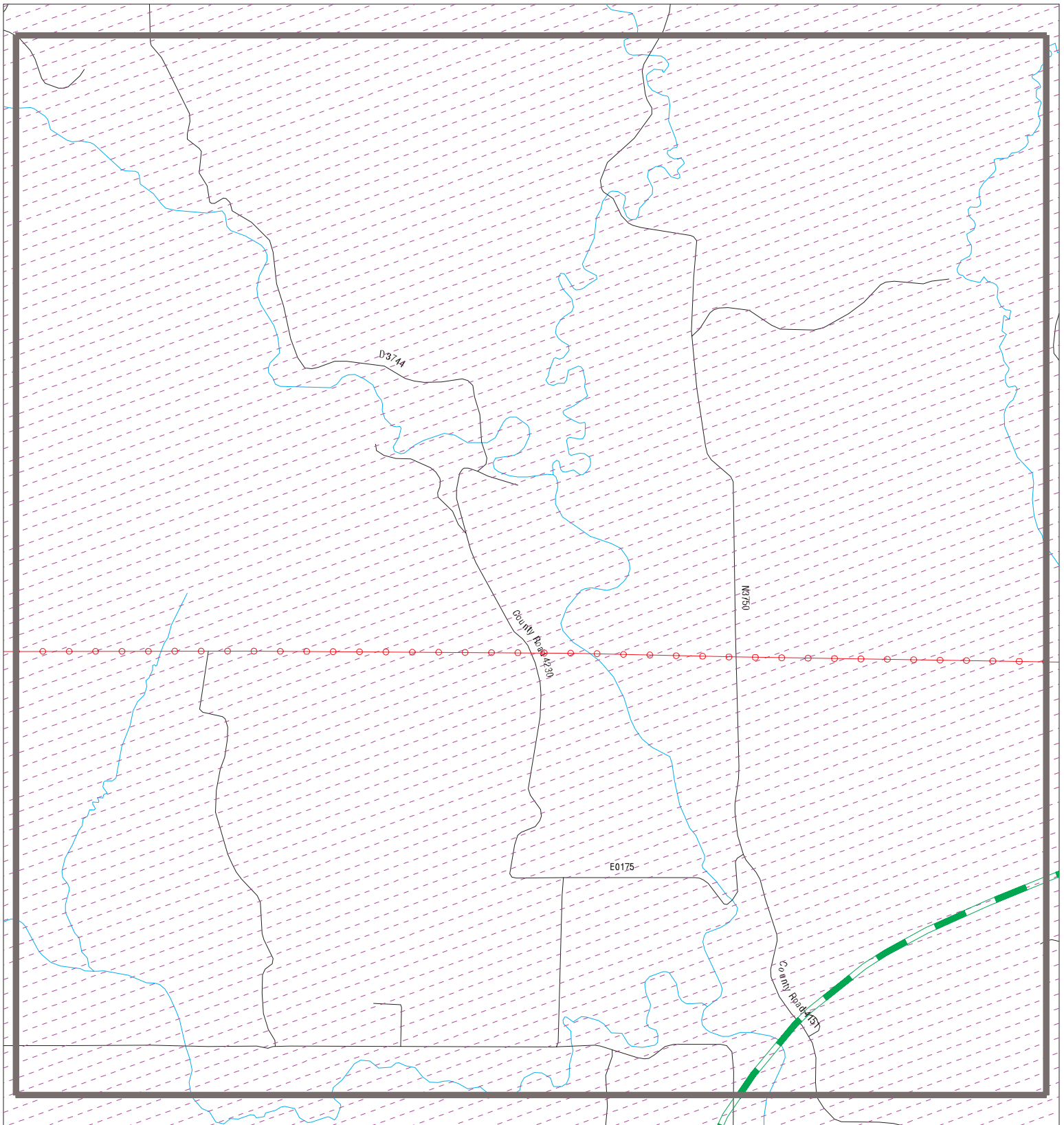
MAPPED SITES SUMMARY - FOCUS MAP 2











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 3 - 7696907.5s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

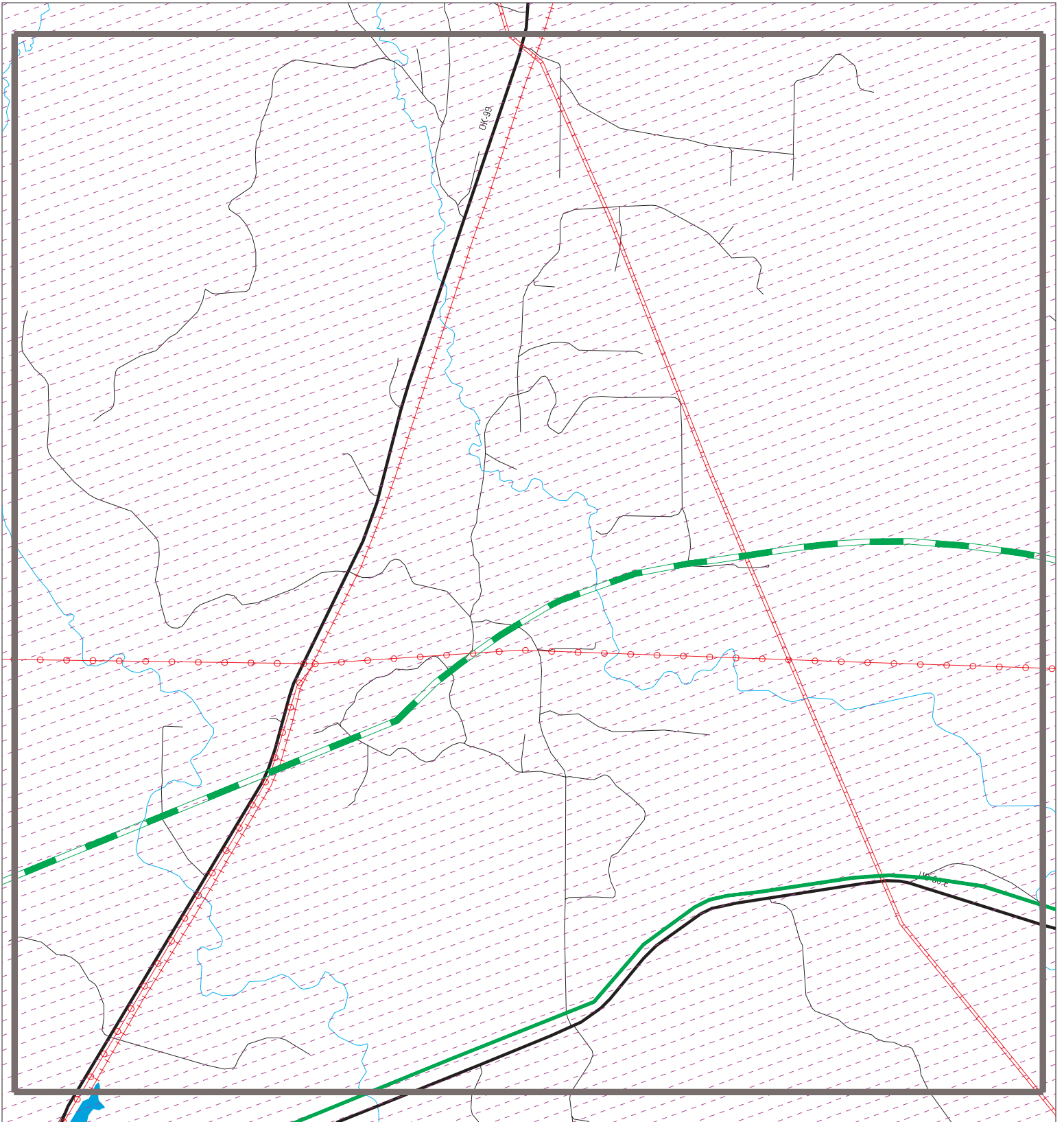
MAPPED SITES SUMMARY - FOCUS MAP 3











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

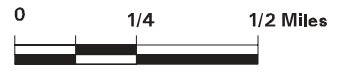
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 4 - 7696907.5s



- | | | | | | |
|--|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

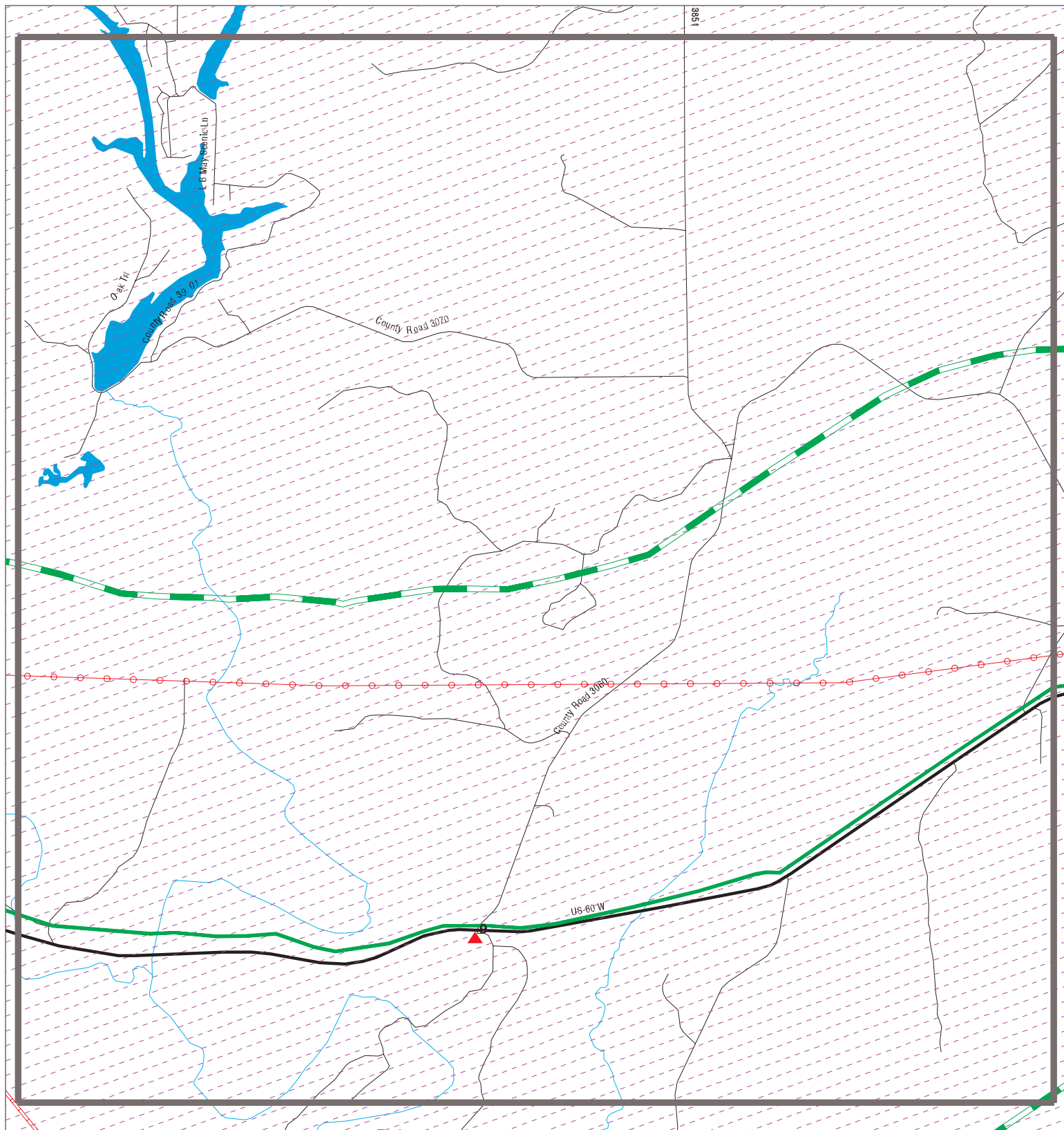
MAPPED SITES SUMMARY - FOCUS MAP 4

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 5 - 7696907.5s



- | | | | | | |
|--|----------------------|--|-------------------|--|------------------------------|
| | Sites | | Focus Map - Sites | | Dept. Defense Sites |
| | Target Property | | Power Line | | Indian Reservations BIA |
| | Search Buffer | | Pipe Line | | National Priority List Sites |
| | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

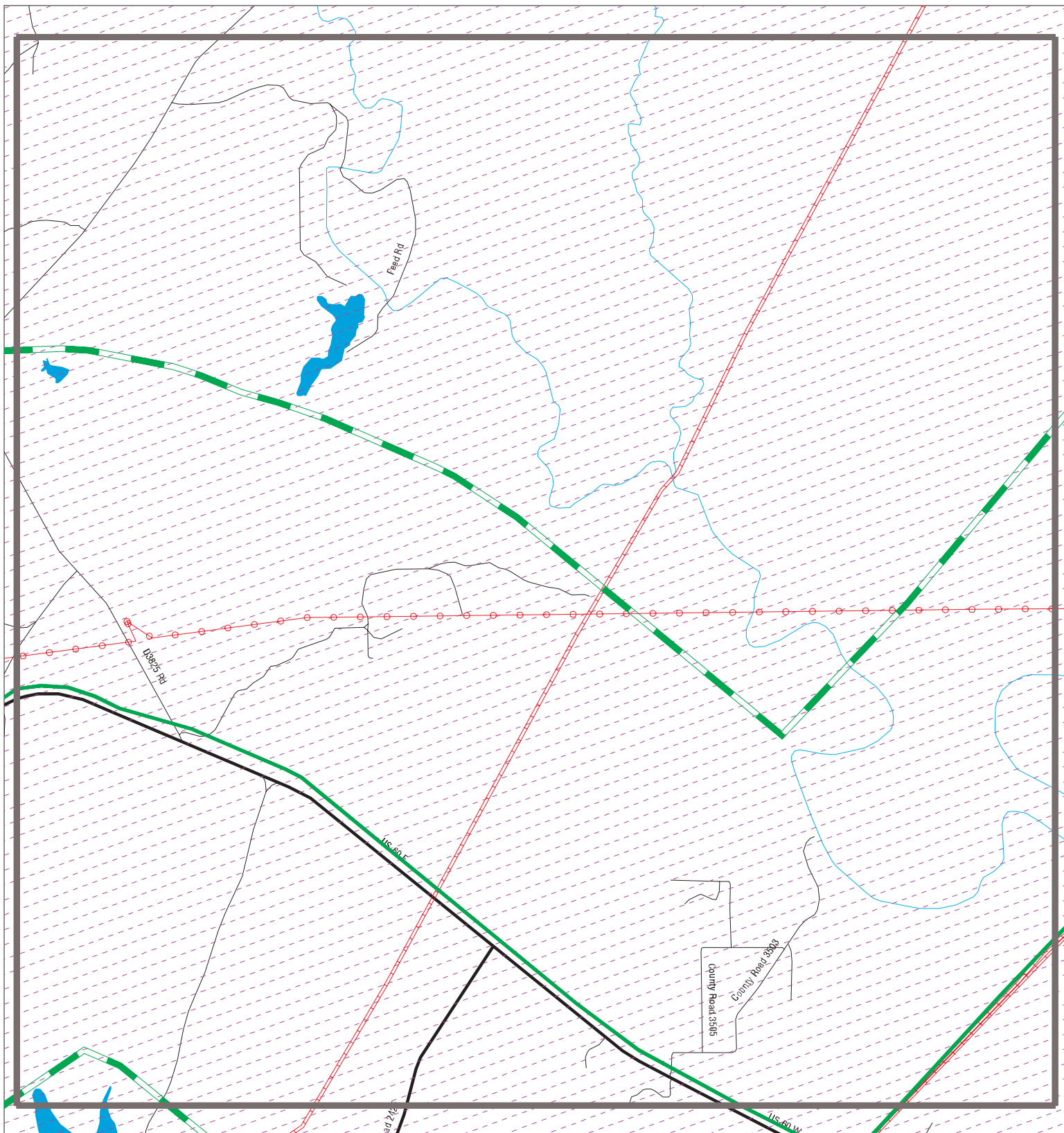
CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24











MAPPED SITES SUMMARY - FOCUS MAP 5

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
9 / 5	MIDWAY STORE	13091 HWY 60	UST	185 0.035 South

Focus Map - 6 - 7696907.5s



- | | | |
|--|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

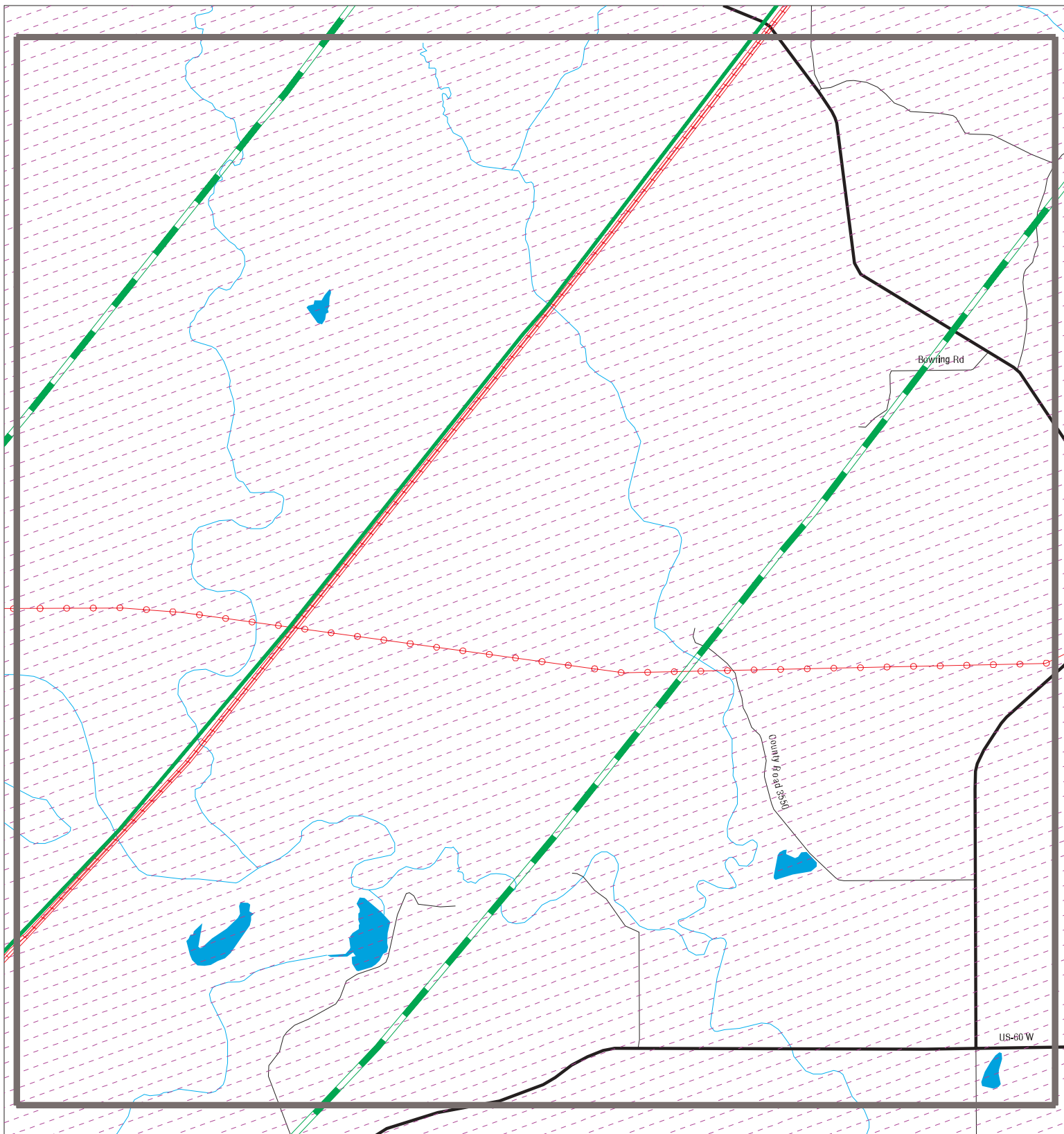
MAPPED SITES SUMMARY - FOCUS MAP 6











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

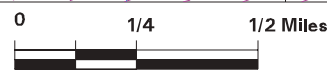
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 7 - 7696907.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline ADDRESS: Kaw Pipeline CITY/STATE: Pawhuska OK ZIP: 74056	CLIENT: S2 Engineering PLLC CONTACT: Sрни@s2epllc.com INQUIRY #: 7696907.5s DATE: 07/01/24
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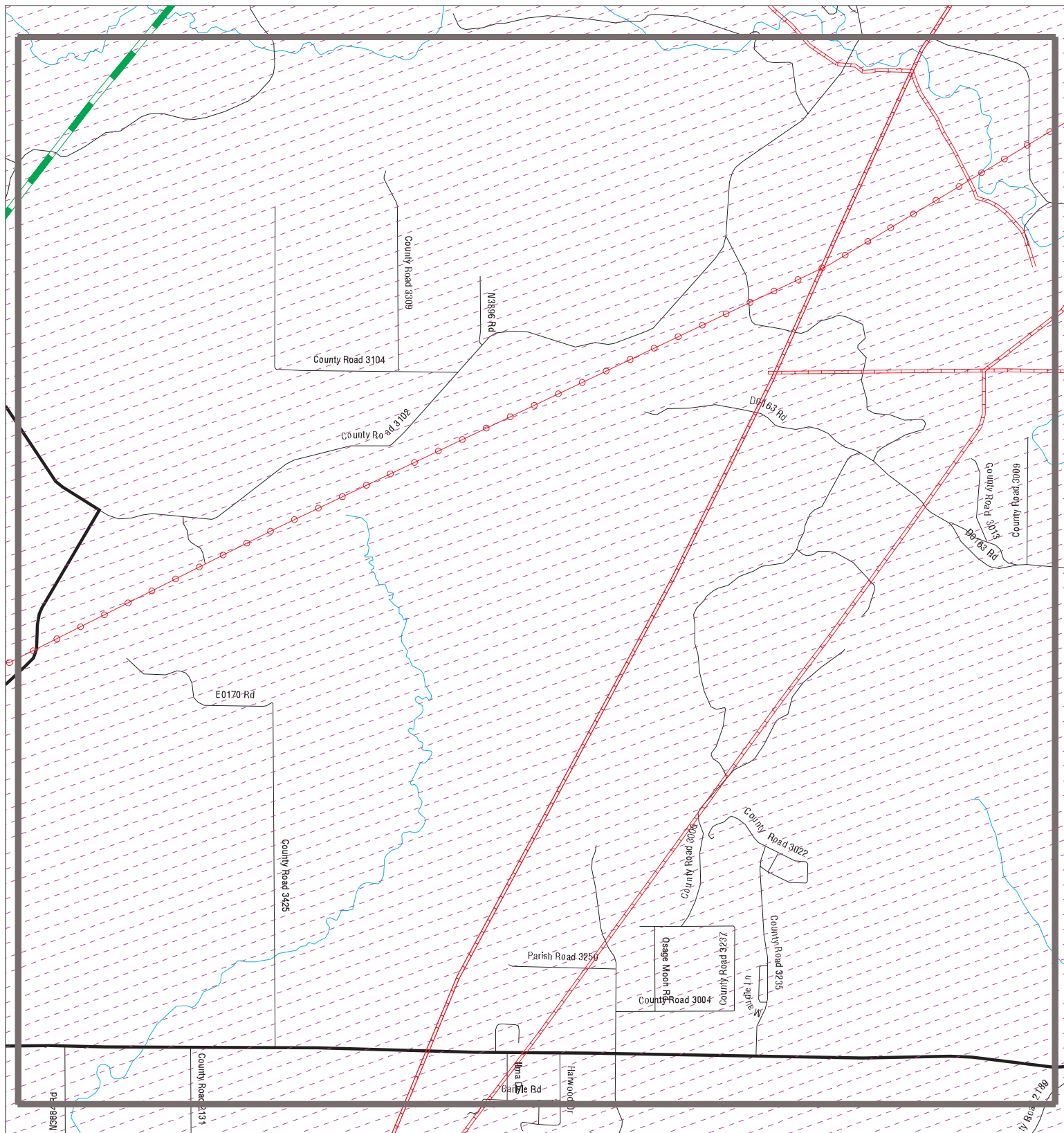
MAPPED SITES SUMMARY - FOCUS MAP 7

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 8 - 7696907.5s



- | | | | | | |
|--|----------------------|--|-------------------|--|------------------------------|
| | Sites | | Focus Map - Sites | | Dept. Defense Sites |
| | Target Property | | Power Line | | Indian Reservations BIA |
| | Search Buffer | | Pipe Line | | National Priority List Sites |
| | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srini@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

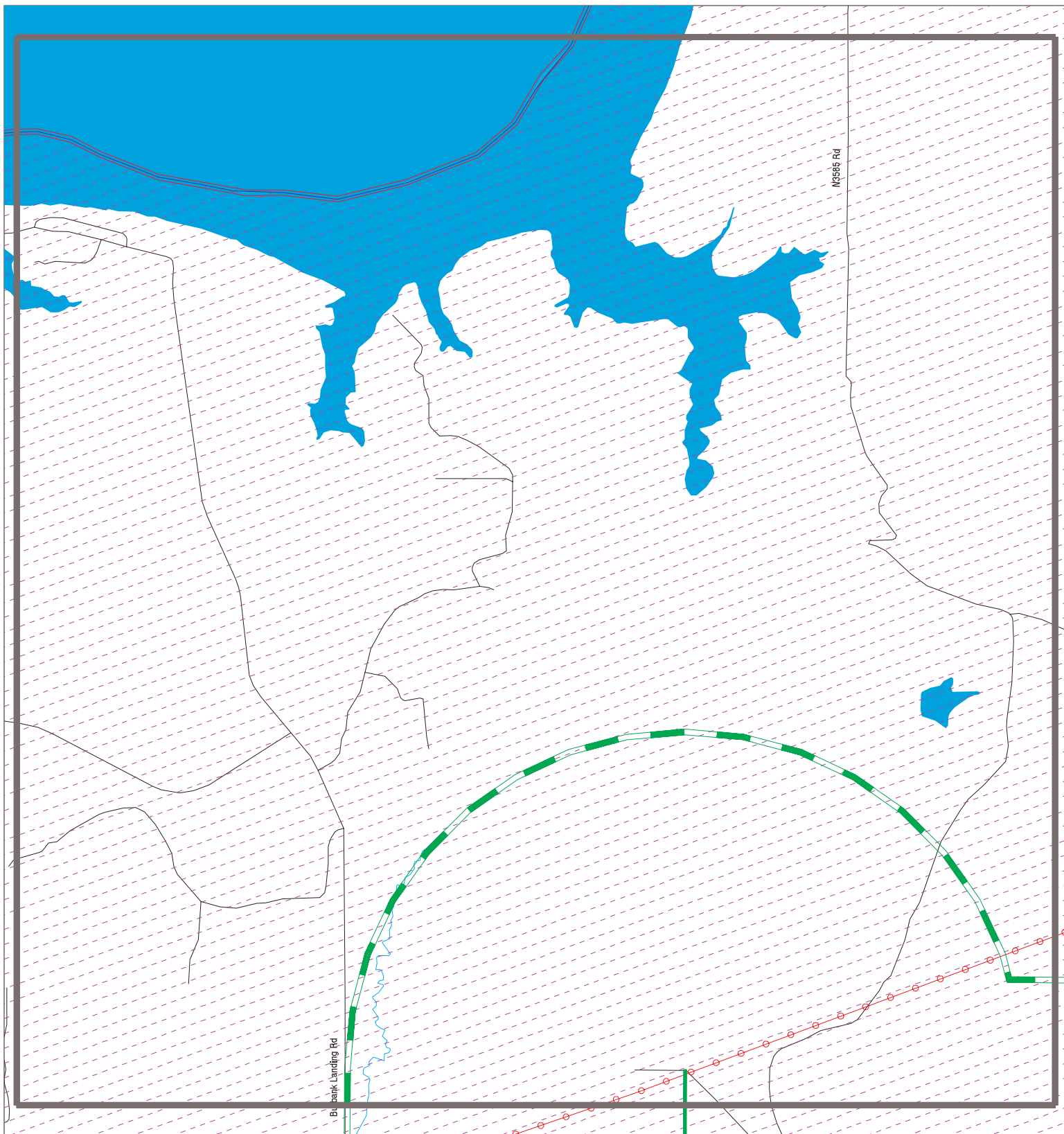
MAPPED SITES SUMMARY - FOCUS MAP 8

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 9 - 7696907.5s



- | | | |
|--|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |

SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srimi@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

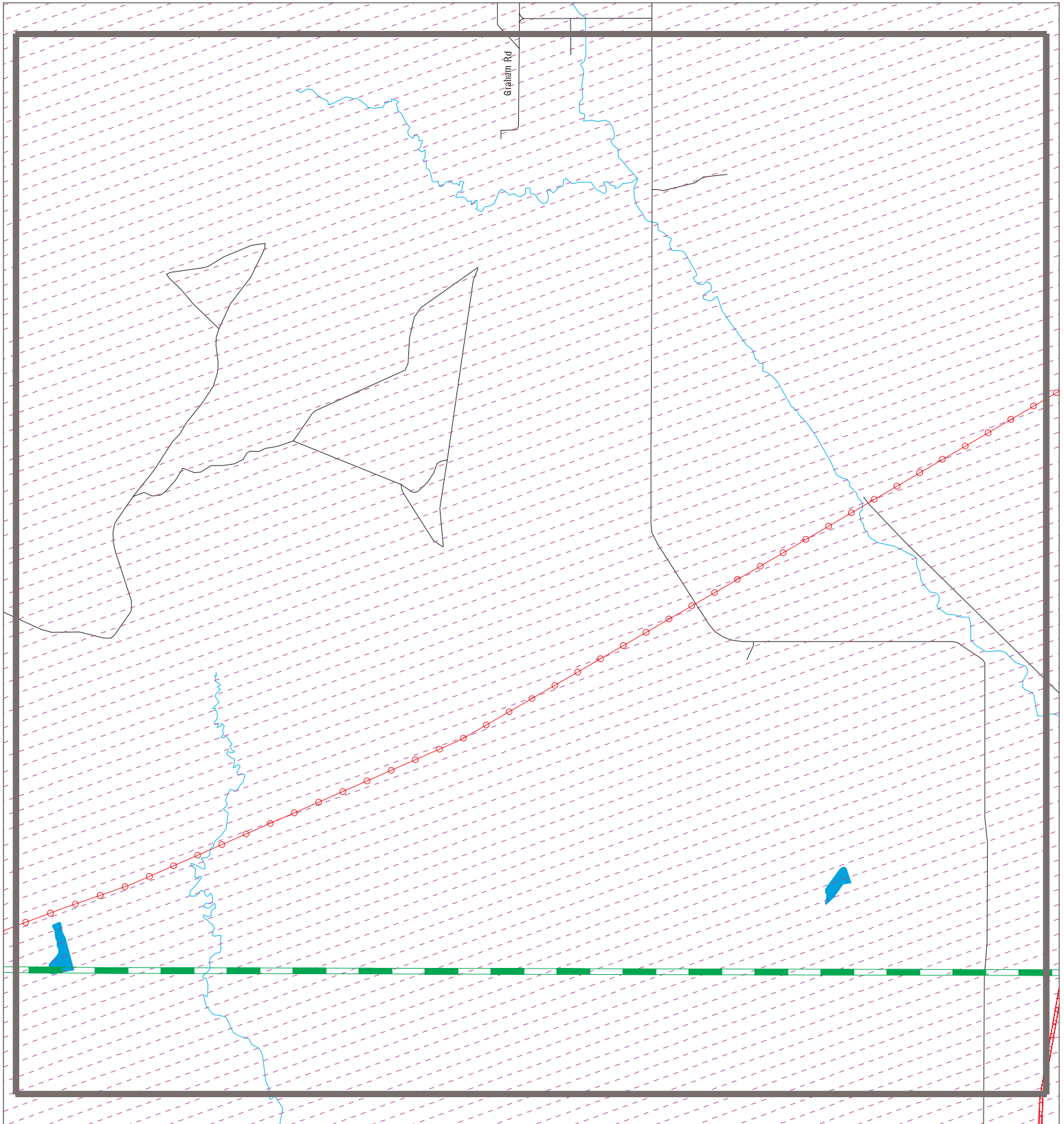
MAPPED SITES SUMMARY - FOCUS MAP 9

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 10 - 7696907.5s



- ▲ Sites
- ▲ Target Property
- ▲ Search Buffer
- ▲ Focus Map - No Sites
- / / Focus Map - Sites
- / / Power Line
- / / Pipe Line
- Dept. Defense Sites
- Indian Reservations BIA
- National Priority List Sites



SITE NAME: Kaw Pipeline ADDRESS: Kaw Pipeline CITY/STATE: Pawhuska OK ZIP: 74056	CLIENT: S2 Engineering PLLC CONTACT: Sрни@s2epllc.com INQUIRY #: 7696907.5s DATE: 07/01/24
---	---

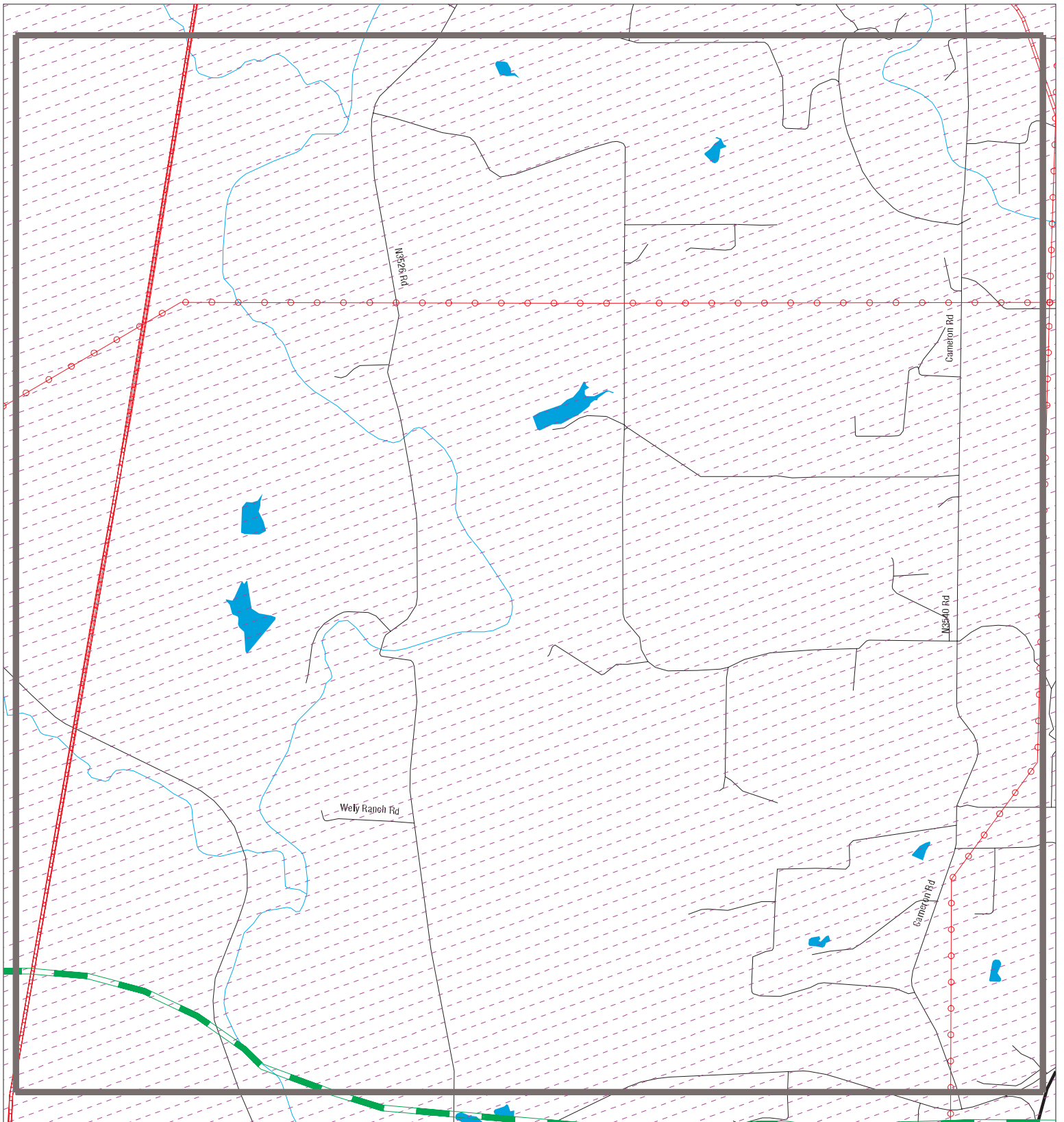
MAPPED SITES SUMMARY - FOCUS MAP 10











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 11 - 7696907.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

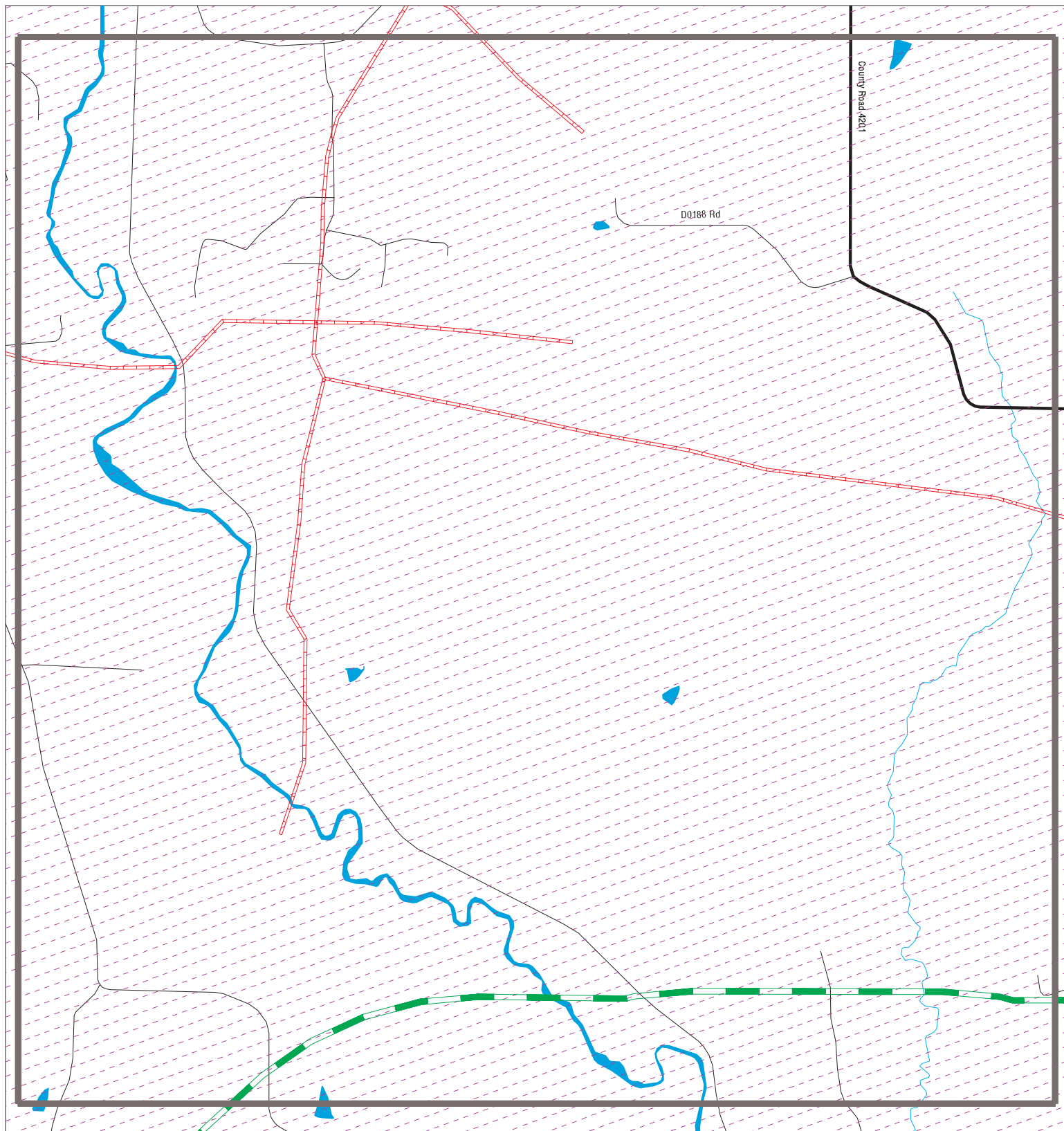
MAPPED SITES SUMMARY - FOCUS MAP 11

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Focus Map - 12 - 7696907.5s



- | | | | |
|--|--|---|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |  |
|  Target Property |  Power Line |  Indian Reservations BIA | |
|  Search Buffer |  Pipe Line | | |
|  Focus Map - No Sites |  National Priority List Sites | | |

SITE NAME: Kaw Pipeline ADDRESS: Kaw Pipeline CITY/STATE: Pawhuska OK ZIP: 74056	CLIENT: S2 Engineering PLLC CONTACT: Sрни@s2epllc.com INQUIRY #: 7696907.5s DATE: 07/01/24
---	---

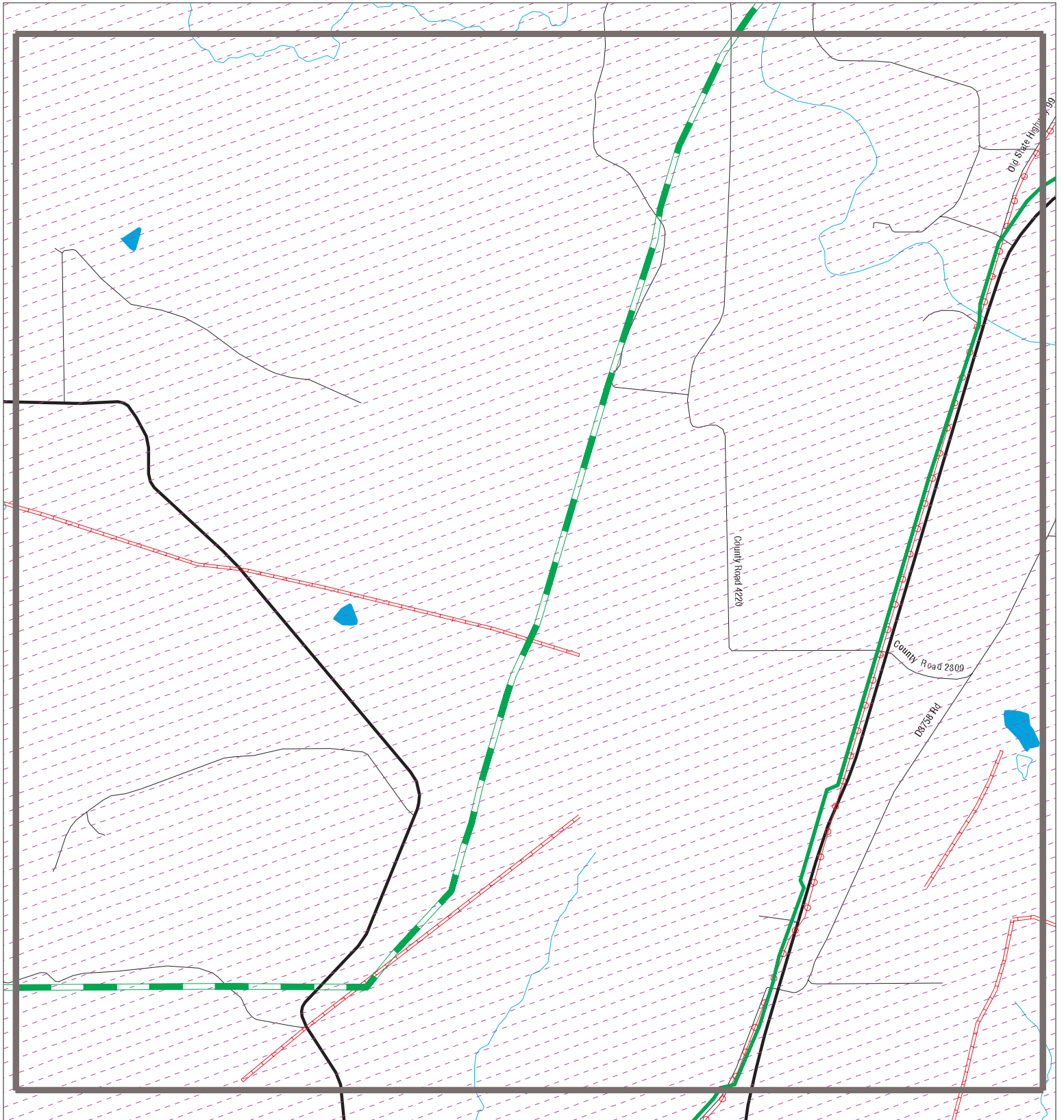
MAPPED SITES SUMMARY - FOCUS MAP 12











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

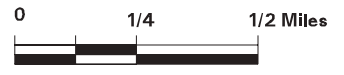
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Focus Map - 13 - 7696907.5s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Kaw Pipeline ADDRESS: Kaw Pipeline CITY/STATE: Pawhuska OK ZIP: 74056	CLIENT: S2 Engineering PLLC CONTACT: Sрни@s2epllc.com INQUIRY #: 7696907.5s DATE: 07/01/24
---	---

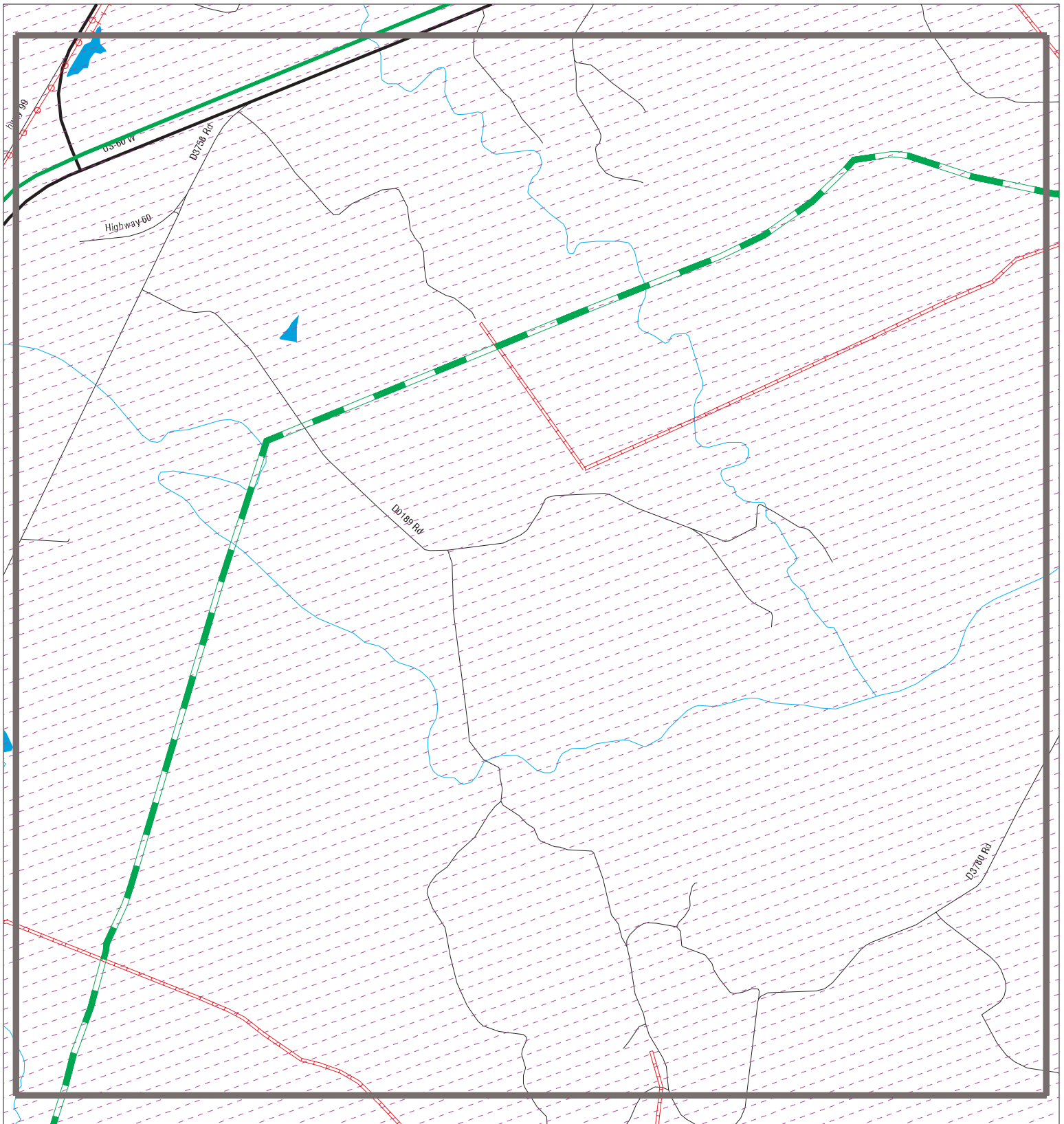
MAPPED SITES SUMMARY - FOCUS MAP 13

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Focus Map - 14 - 7696907.5s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ Pipe Line
- Dept. Defense Sites
- Indian Reservations BIA
- National Priority List Sites



<p>SITE NAME: Kaw Pipeline ADDRESS: Kaw Pipeline CITY/STATE: Pawhuska OK ZIP: 74056</p>	<p>CLIENT: S2 Engineering PLLC CONTACT: Sрни@s2epllc.com INQUIRY #: 7696907.5s DATE: 07/01/24</p>
--	--

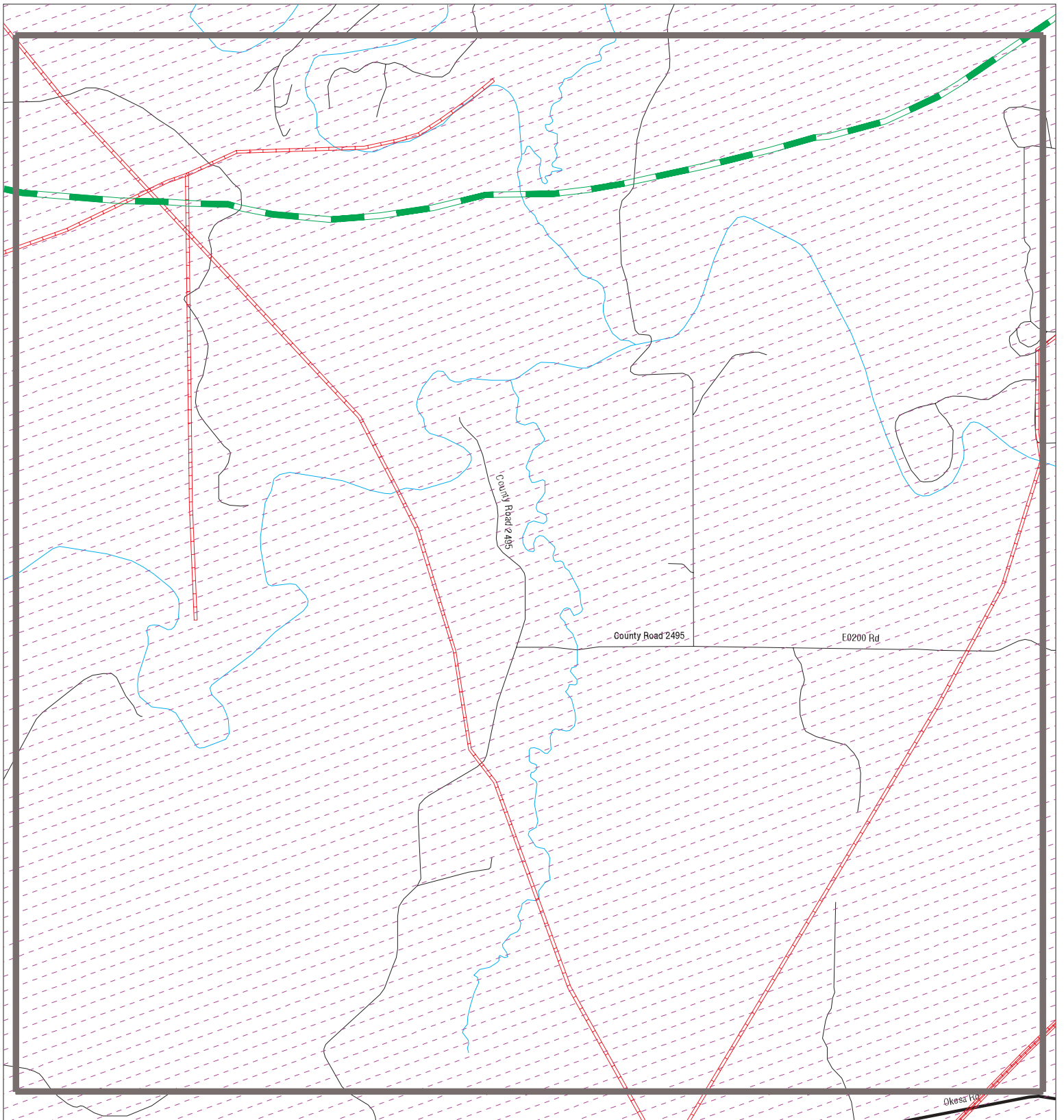
MAPPED SITES SUMMARY - FOCUS MAP 14











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 15 - 7696907.5s



- | | | | | | |
|--|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

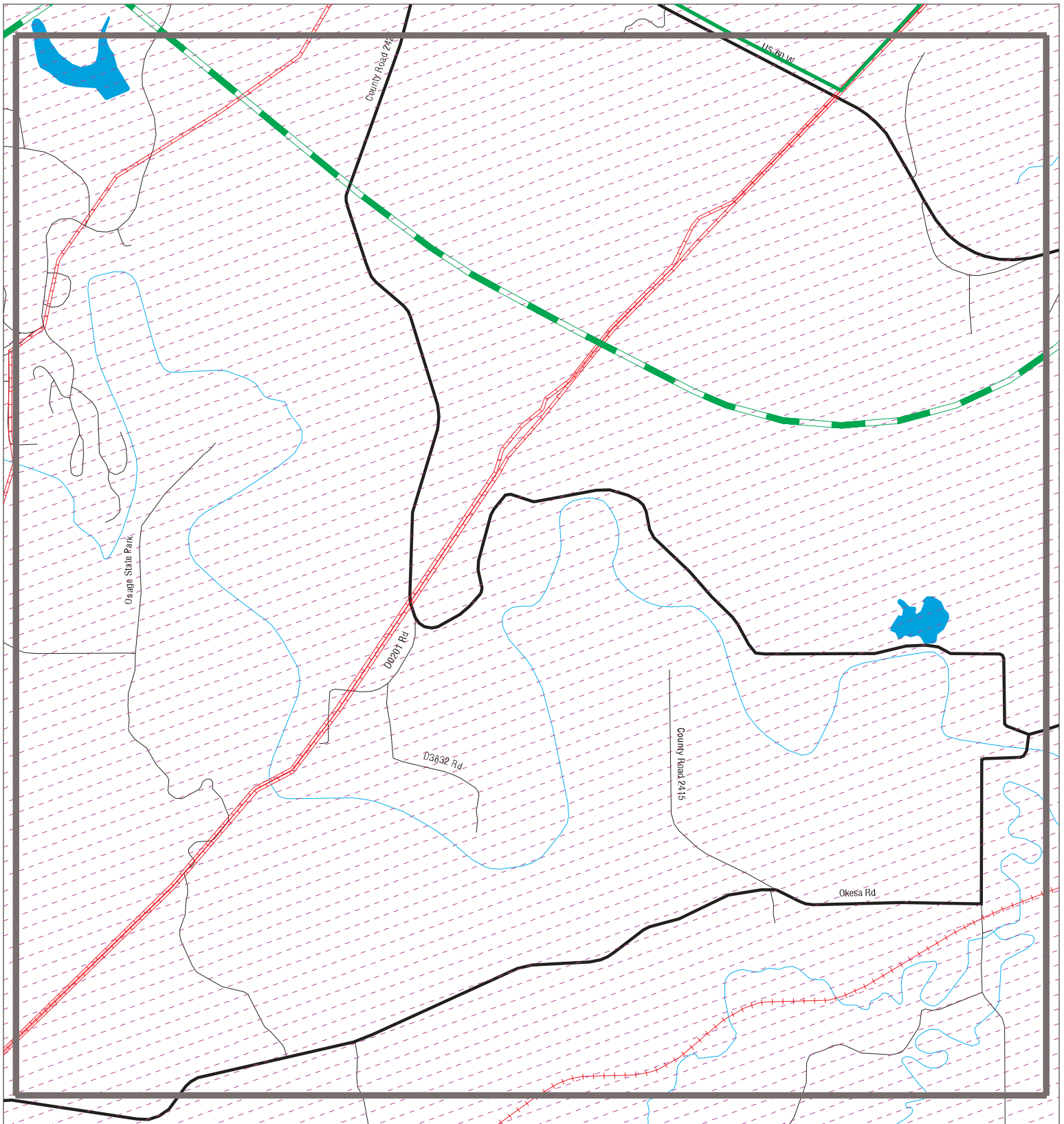
MAPPED SITES SUMMARY - FOCUS MAP 15











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

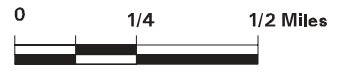
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 16 - 7696907.5s



- | | | |
|--|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

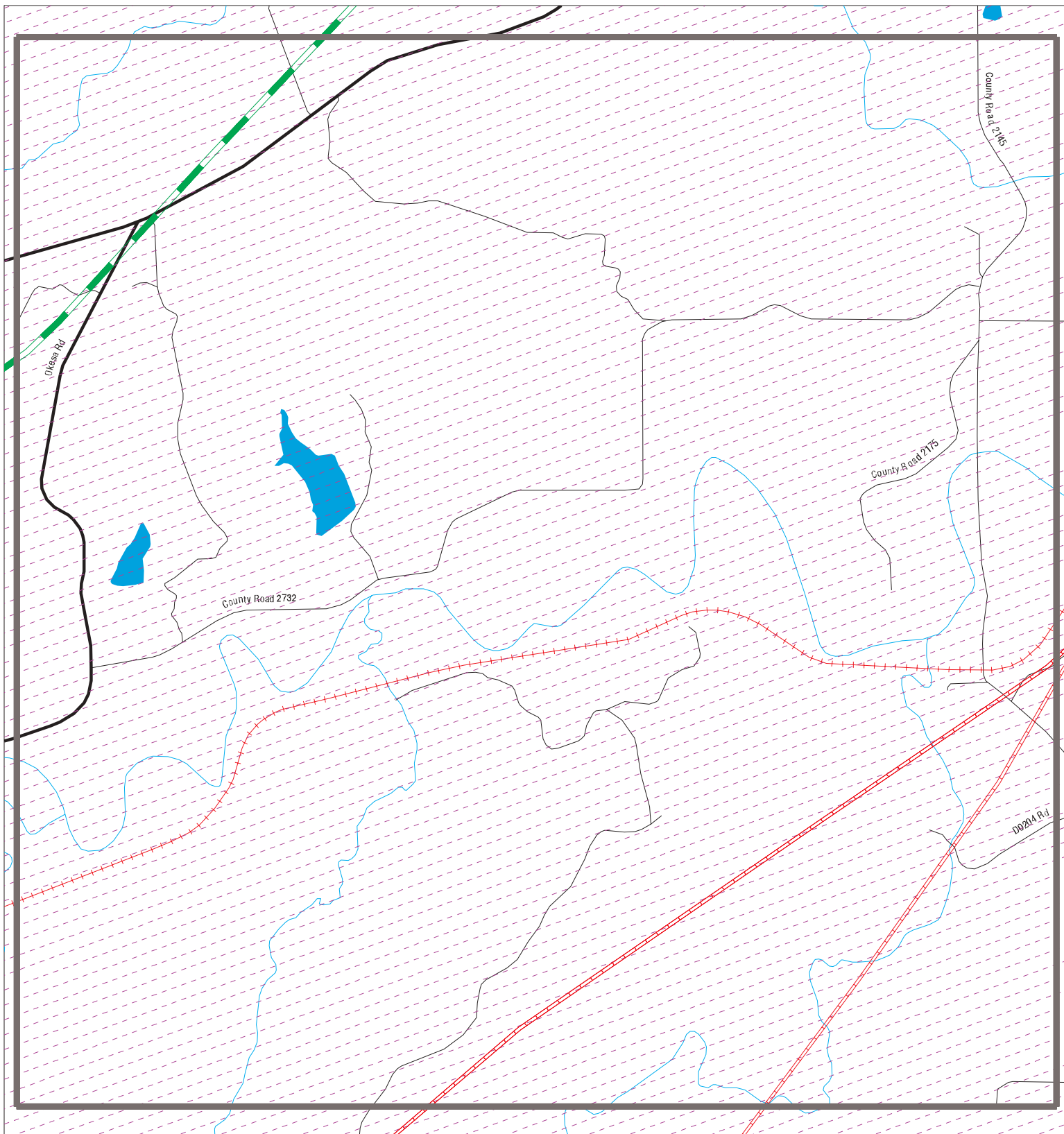
MAPPED SITES SUMMARY - FOCUS MAP 16











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 17 - 7696907.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline
 ADDRESS: Kaw Pipeline
 CITY/STATE: Pawhuska OK
 ZIP: 74056

CLIENT: S2 Engineering PLLC
 CONTACT: Sрни@s2epllc.com
 INQUIRY #: 7696907.5s
 DATE: 07/01/24

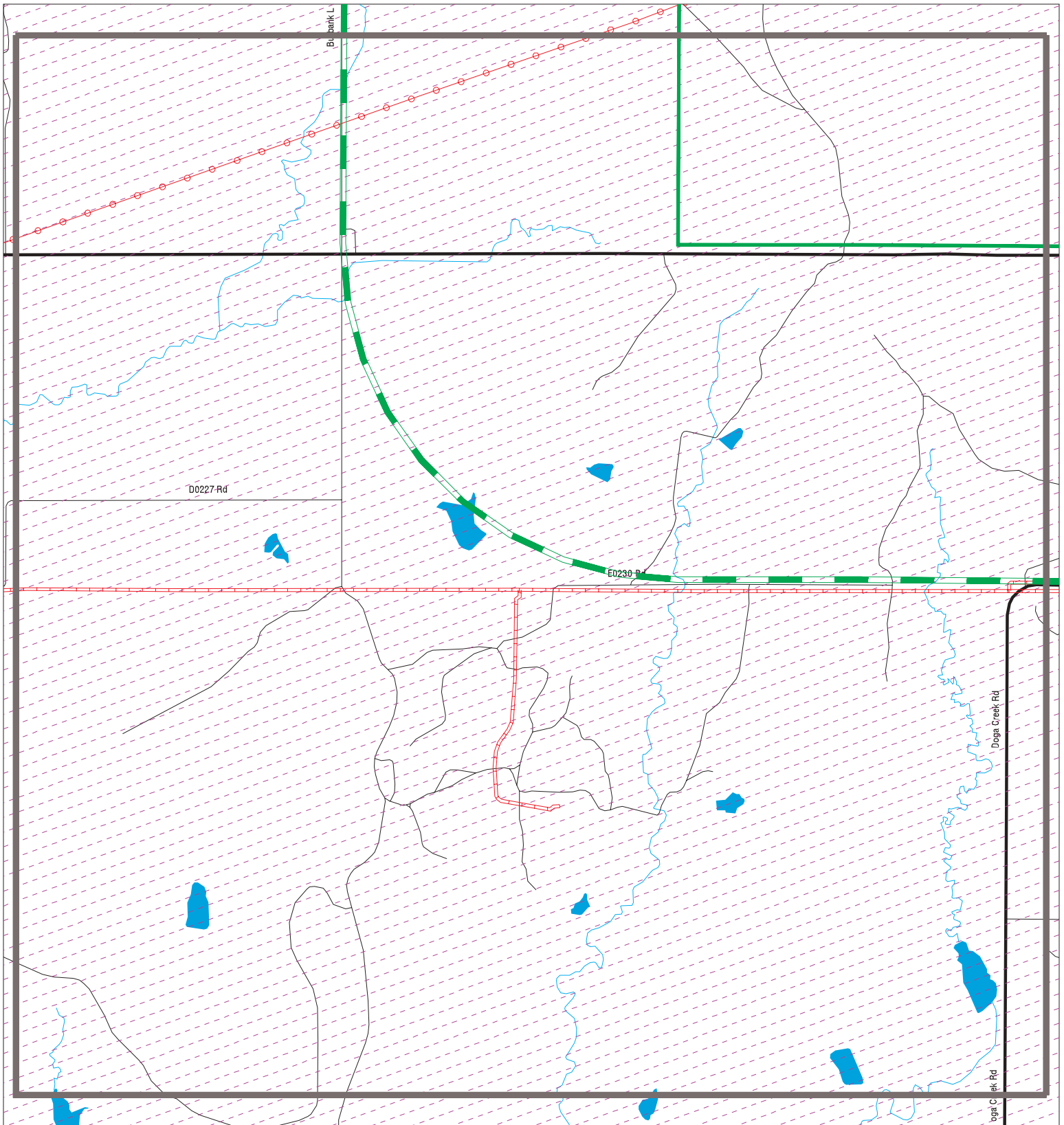
MAPPED SITES SUMMARY - FOCUS MAP 17











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 18 - 7696907.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srimi@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

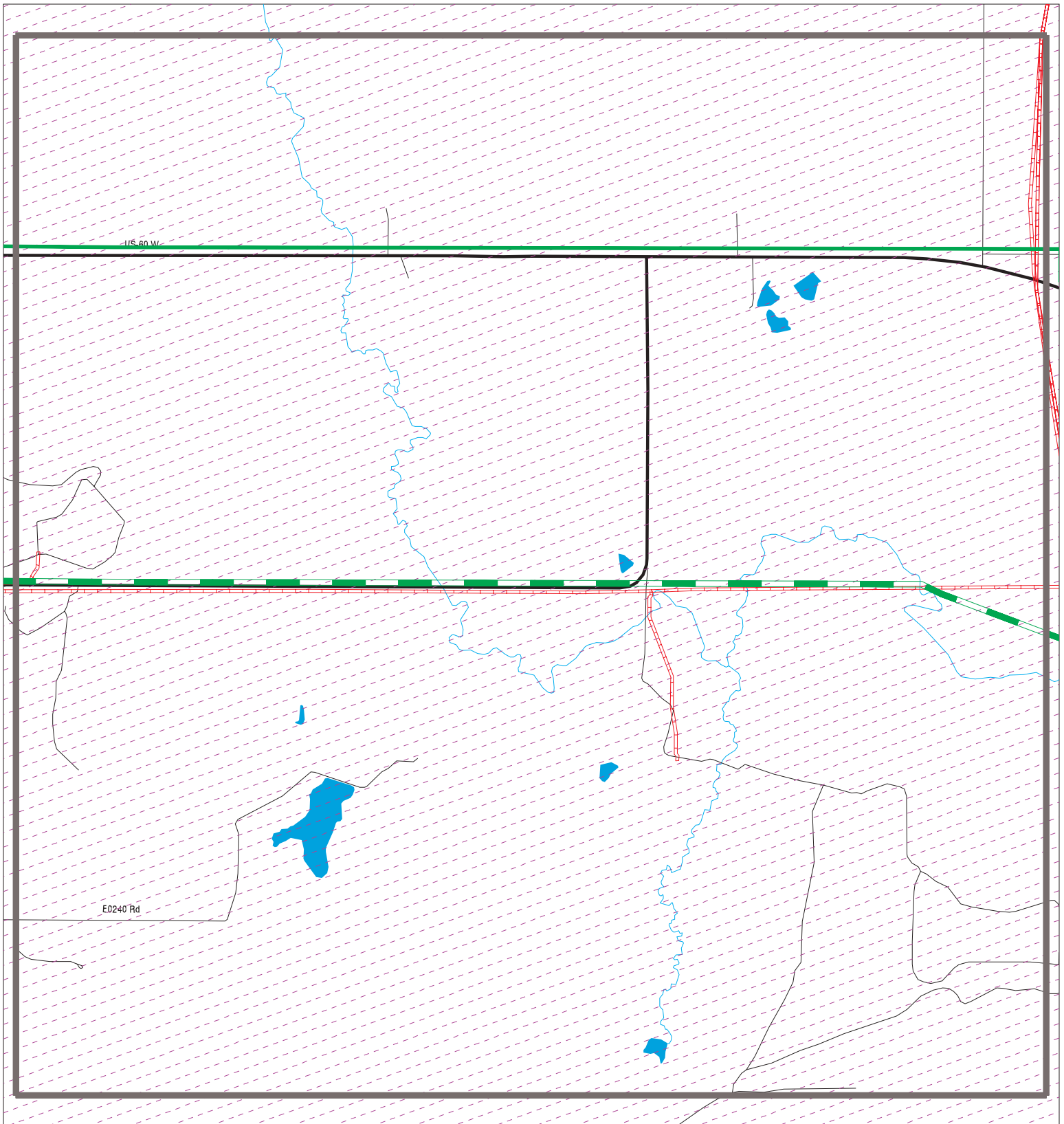
MAPPED SITES SUMMARY - FOCUS MAP 18











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 19 - 7696907.5s



- | | | |
|---|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srinis@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

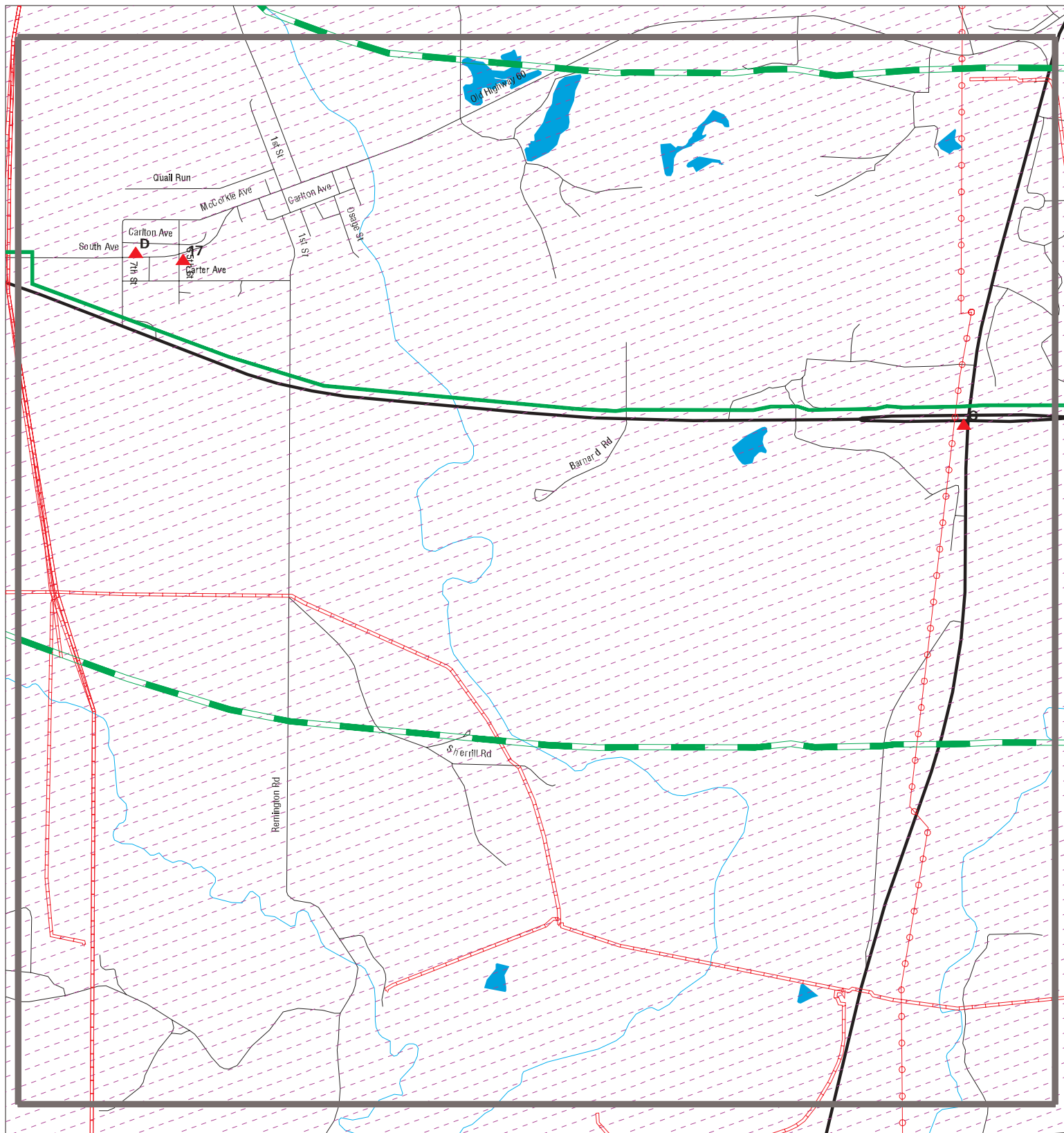
MAPPED SITES SUMMARY - FOCUS MAP 19

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 20 - 7696907.5s



- | | | |
|----------------------|------------------------------|-------------------------|
| Sites | Focus Map - Sites | Dept. Defense Sites |
| Target Property | Power Line | Indian Reservations BIA |
| Search Buffer | Pipe Line | |
| Focus Map - No Sites | National Priority List Sites | |



SITE NAME: Kaw Pipeline
 ADDRESS: Kaw Pipeline
 CITY/STATE: Pawhuska OK
 ZIP: 74056

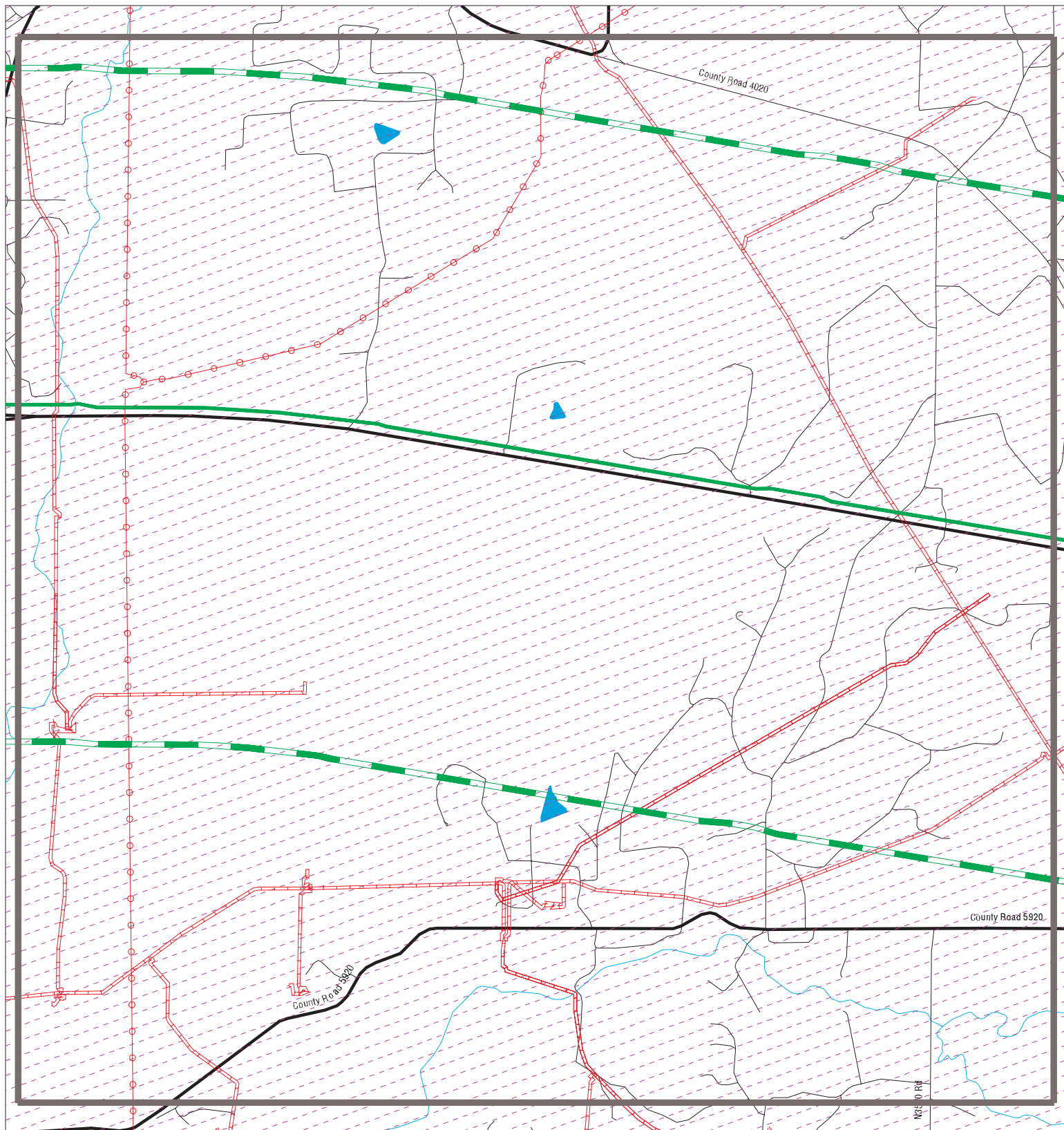
CLIENT: S2 Engineering PLLC
 CONTACT: Sрни@s2epllc.com
 INQUIRY #: 7696907.5s
 DATE: 07/01/24











MAPPED SITES SUMMARY - FOCUS MAP 20

Target Property:
 KAW PIPELINE
 PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
C10 / 20	AMERICAN TEL & TEL C	HWY 60 7M E H18	RCRA NonGen / NLR	274 0.052 South
C13 / 20	JOHN COBLE PHILLIPS	4 MI E HWY 60	TANKS	357 0.068 South
D14 / 20	LIEBER'S TEXACO	ADDRESS UNKNOWN	UST, HIST UST	902 0.171 NNE
D15 / 20	HISTORICAL FACILITY	HWY 60 WEST (N SIDE	TANKS	979 0.185 NNE
D16 / 20	HAROLD MCGOWEN PHILL	HWY 60 W IN TOWN	TANKS	1034 0.196 NNE
17 / 20	BURBANK MATERIALS LL	OLD HWY 60 / CR 4030	US MINES	1189 0.225 NNE

Focus Map - 21 - 7696907.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

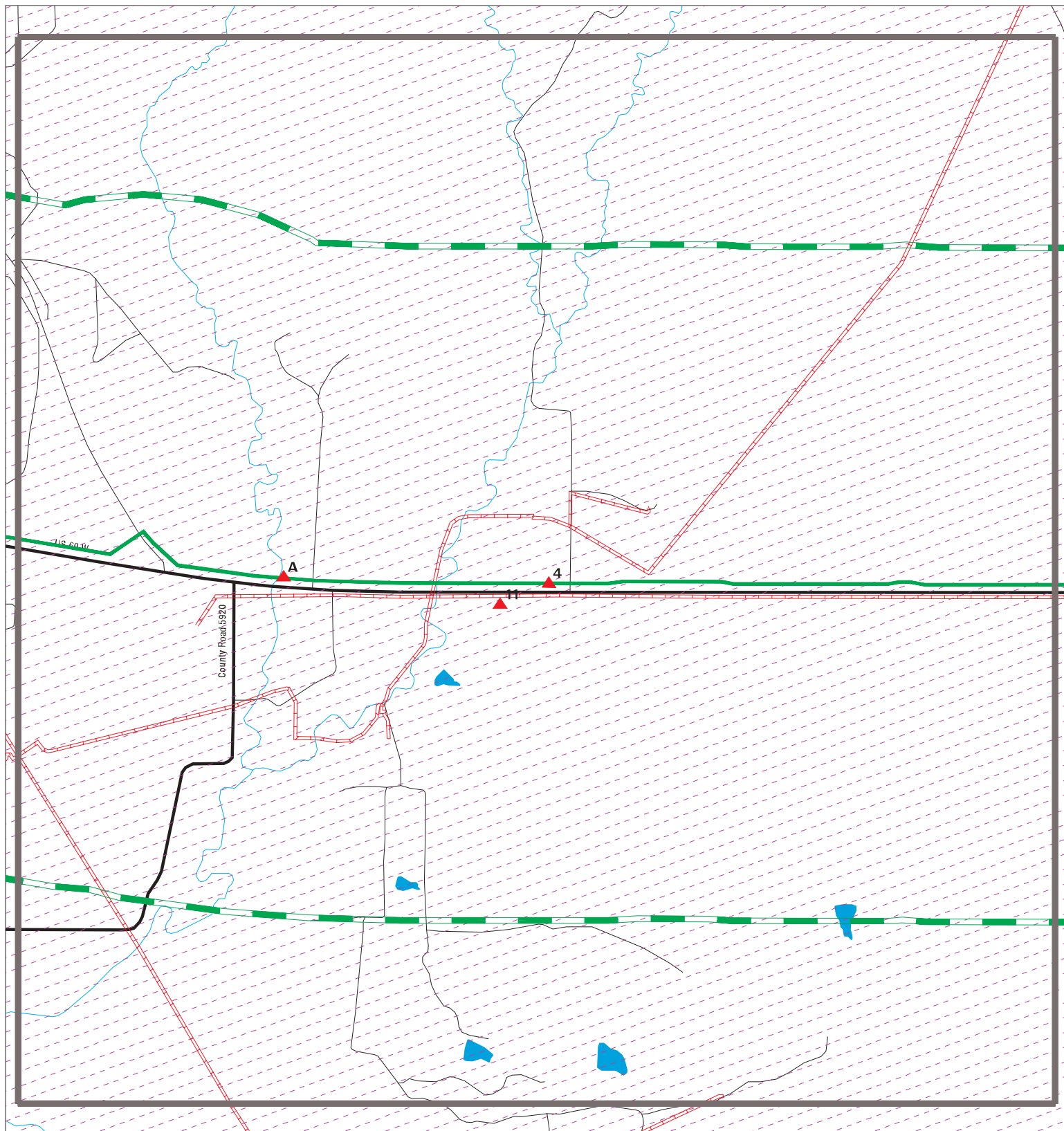
MAPPED SITES SUMMARY - FOCUS MAP 21

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 22 - 7696907.5s



- ▲ Sites
- - - Target Property
- - - Search Buffer
- - - Focus Map - No Sites
- - - Focus Map - Sites
- - - Power Line
- - - Pipe Line
- Dept. Defense Sites
- Indian Reservations BIA
- National Priority List Sites



SITE NAME: Kaw Pipeline
 ADDRESS: Kaw Pipeline
 CITY/STATE: Pawhuska OK
 ZIP: 74056

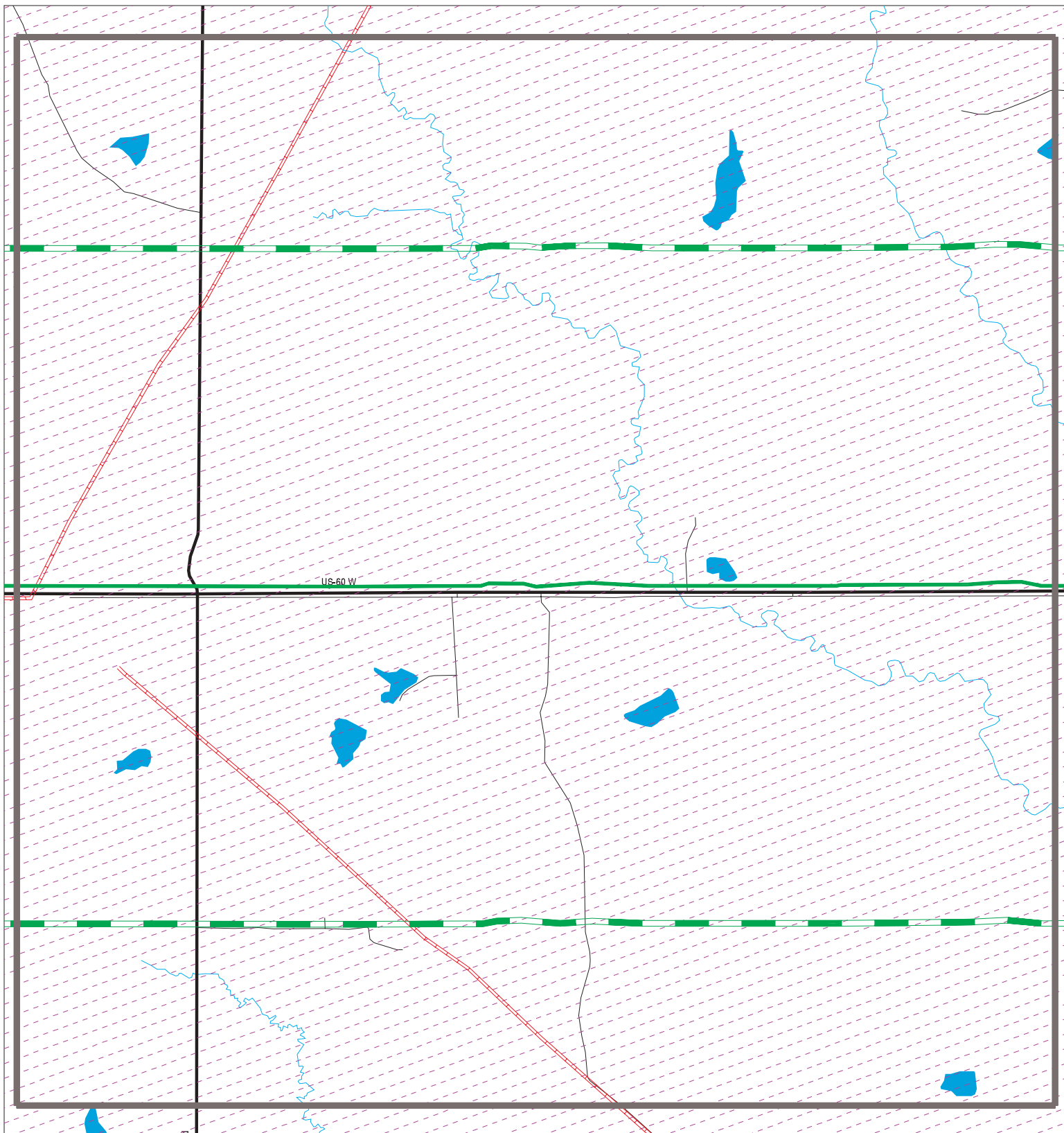
CLIENT: S2 Engineering PLLC
 CONTACT: Sрни@s2epllc.com
 INQUIRY #: 7696907.5s
 DATE: 07/01/24

MAPPED SITES SUMMARY - FOCUS MAP 22

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
A2 / 22		SEE LAT & LONG	ERNS	TP
A3 / 22			COMPLAINT	TP
4 / 22		SEE LAT/LONG	ERNS	TP
11 / 22	DON GALLOWAY	RED EAGLE RT, 14 MI	TANKS	312 0.059 South

Focus Map - 23 - 7696907.5s



- | | | | |
|--|--|---|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |  |
|  Target Property |  Power Line |  Indian Reservations BIA | |
|  Search Buffer |  Pipe Line | | |
|  Focus Map - No Sites |  National Priority List Sites | | |

SITE NAME: Kaw Pipeline ADDRESS: Kaw Pipeline CITY/STATE: Pawhuska OK ZIP: 74056	CLIENT: S2 Engineering PLLC CONTACT: Sрни@s2epllc.com INQUIRY #: 7696907.5s DATE: 07/01/24
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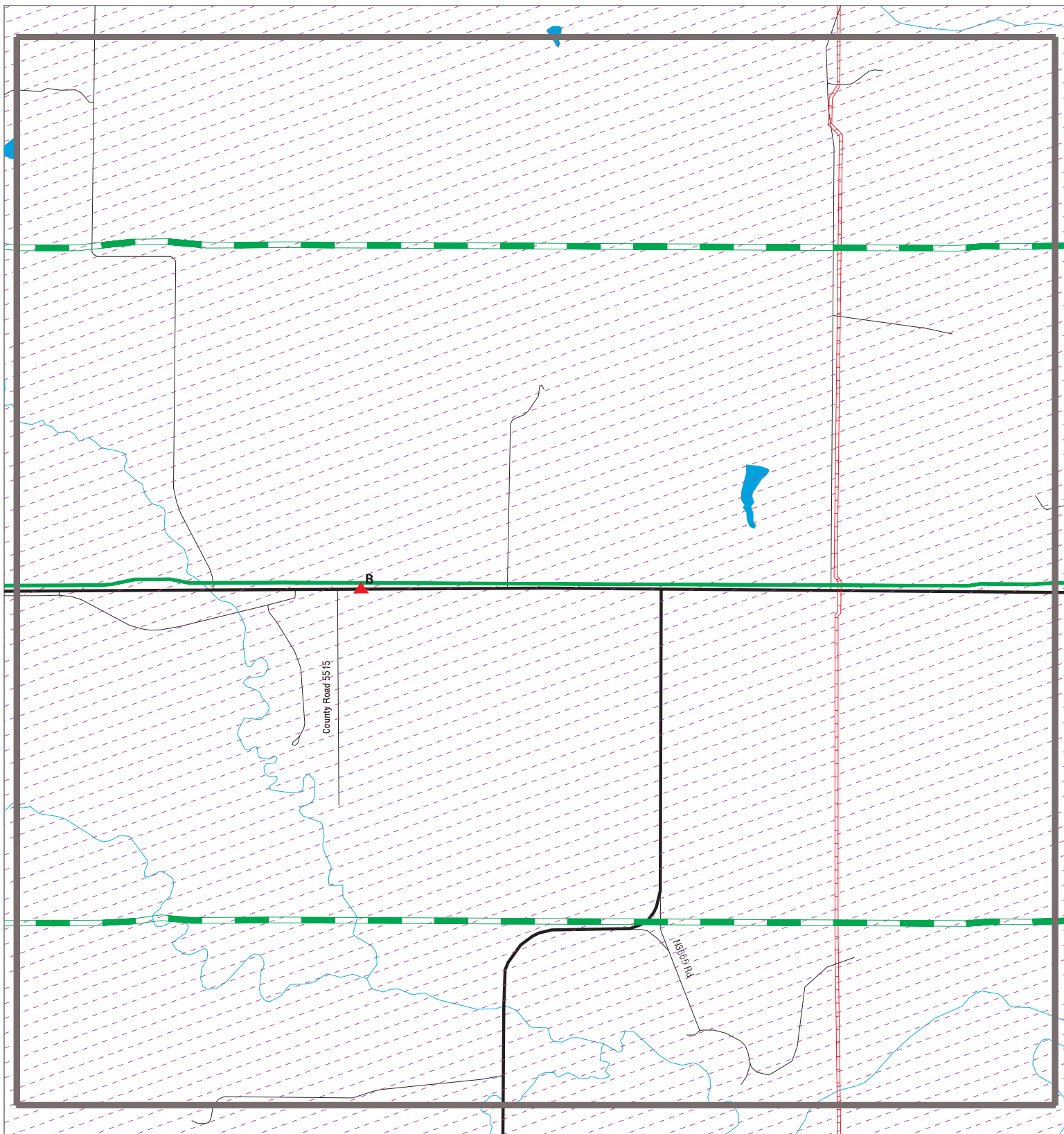
MAPPED SITES SUMMARY - FOCUS MAP 23

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

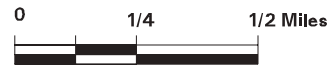
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 24 - 7696907.5s



- | | | |
|----------------------|------------------------------|-------------------------|
| Sites | Focus Map - Sites | Dept. Defense Sites |
| Target Property | Power Line | Indian Reservations BIA |
| Search Buffer | Pipe Line | |
| Focus Map - No Sites | National Priority List Sites | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

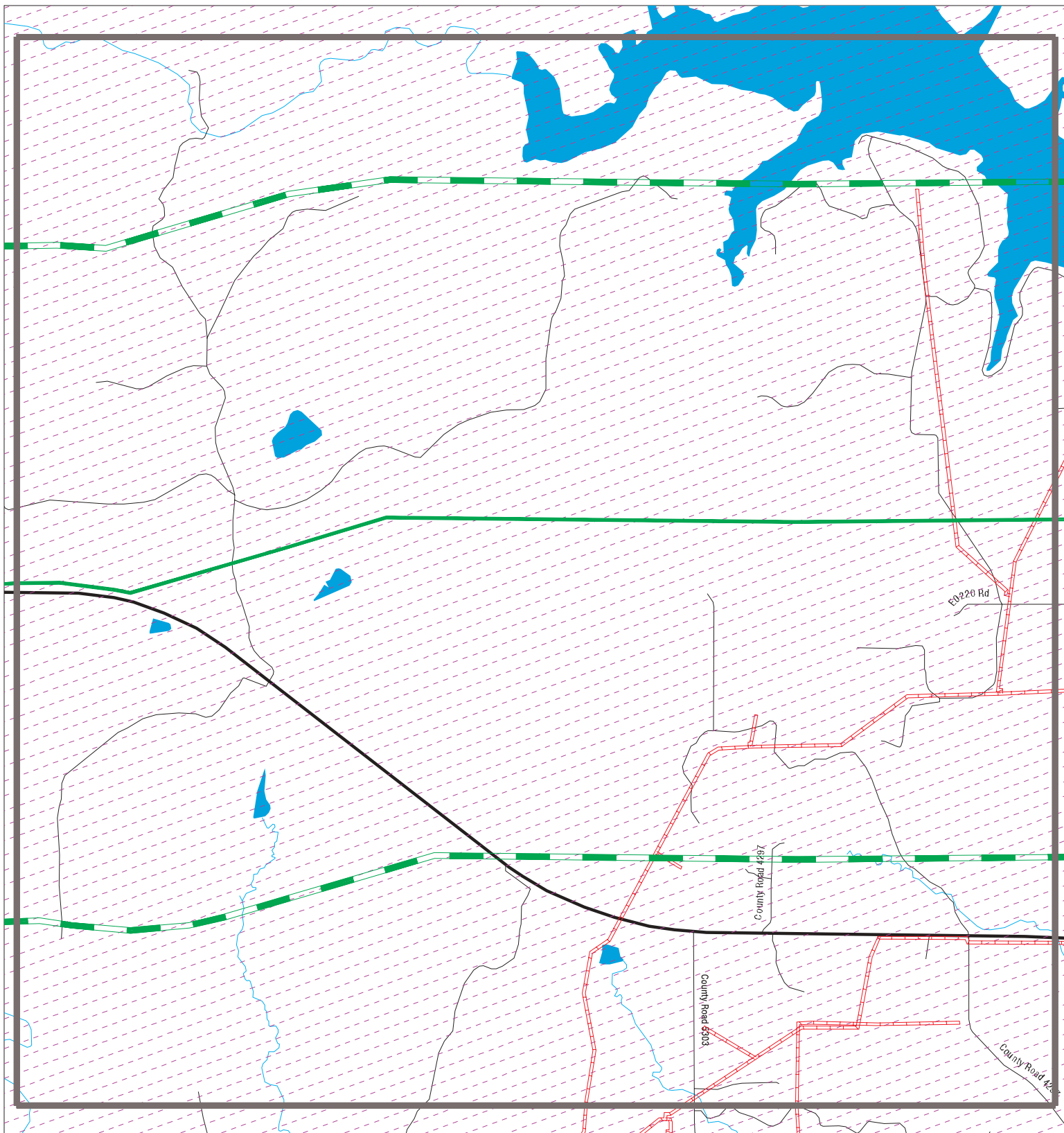
CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24











MAPPED SITES SUMMARY - FOCUS MAP 24

Target Property:
 KAW PIPELINE
 PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
B5 / 24	BURBANK STORE	20501 E HWY 60	UST FINDER	76	0.014	South
B6 / 24	BURBANK STORE	20501 E HWY 60	AST	76	0.014	South
B7 / 24	BURBANK STORE	20501 E HWY 60	UST, HIST UST	76	0.014	South
B8 / 24	BURBANK GENERAL	20501 E HIGHWAY 60	EDR Hist Auto	76	0.014	South

Focus Map - 25 - 7696907.5s



- | | | |
|--|--|---|
|  Sites |  Focus Map - Sites |  Dept. Defense Sites |
|  Target Property |  Power Line |  Indian Reservations BIA |
|  Search Buffer |  Pipe Line | |
|  Focus Map - No Sites |  National Priority List Sites | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Sрни@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

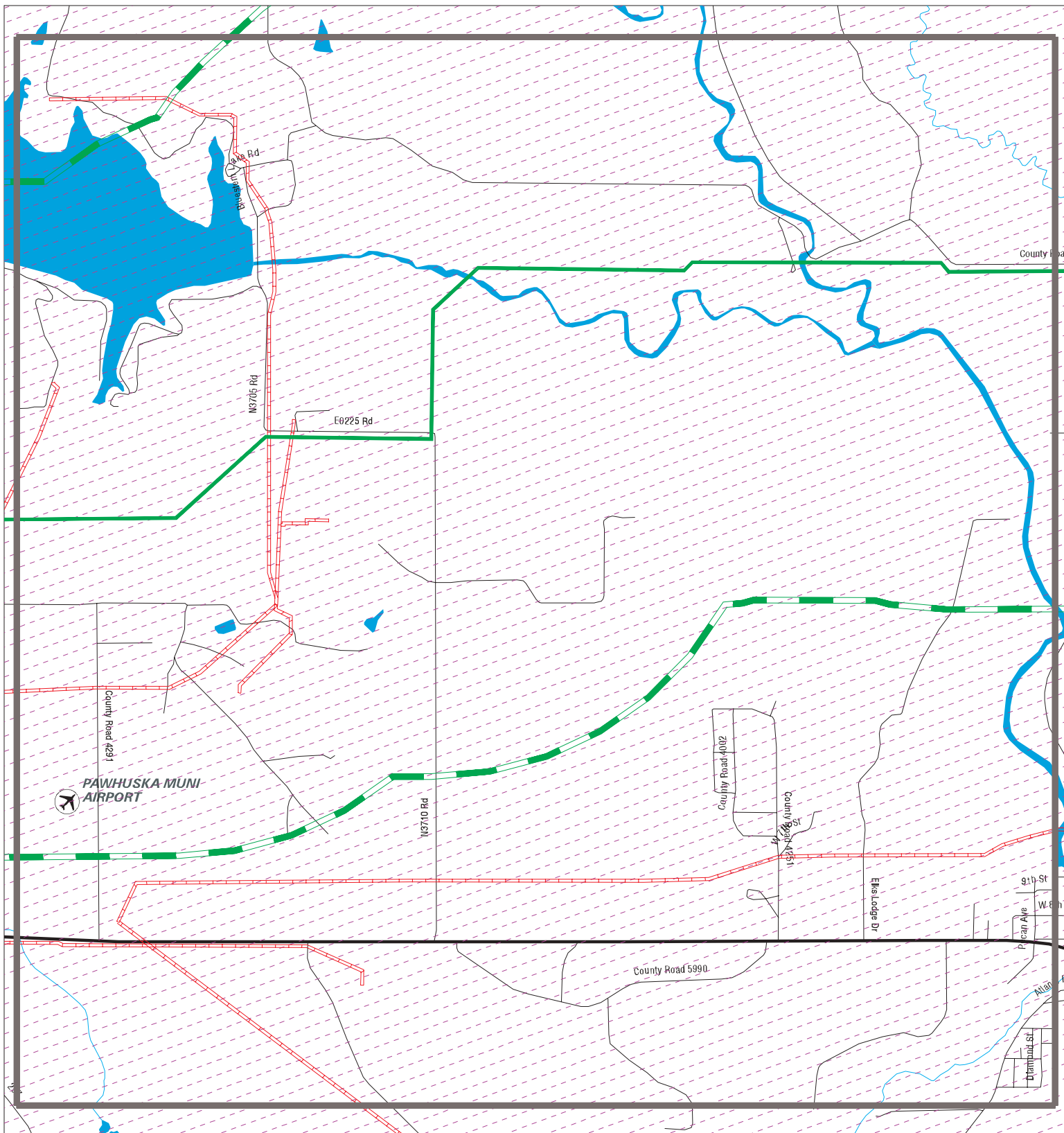
MAPPED SITES SUMMARY - FOCUS MAP 25











Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 26 - 7696907.5s



- | | | | | | |
|---|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srinis@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

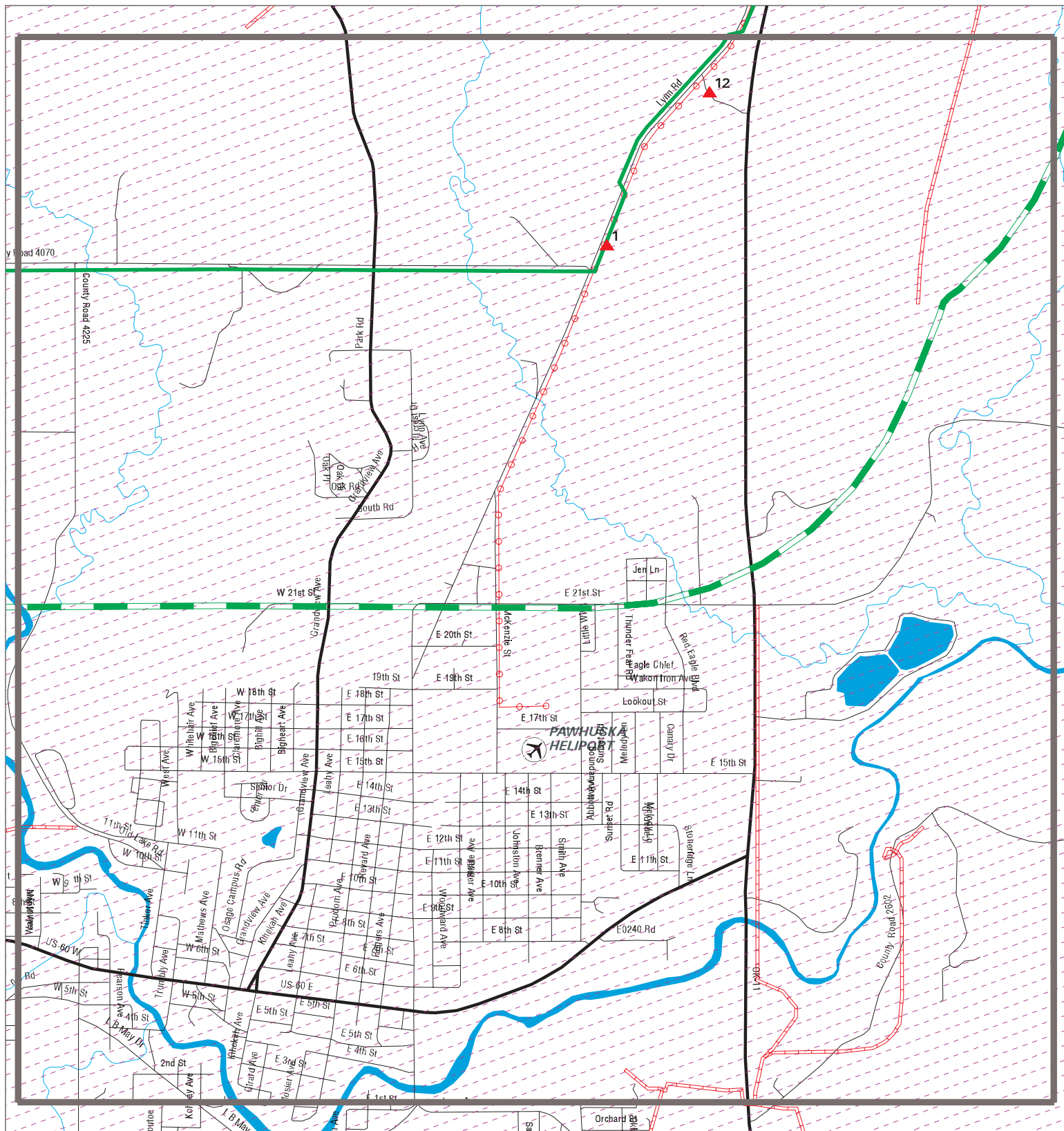
MAPPED SITES SUMMARY - FOCUS MAP 26

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

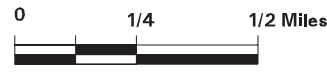
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
-----------------------	-----------	---------	-------------------	-------------------------------

NO MAPPED SITES FOUND

Focus Map - 27 - 7696907.5s



- ▲ Sites
- ▬ Target Property
- ▬ Search Buffer
- ▬ Focus Map - No Sites
- ▬ Focus Map - Sites
- ▬ Power Line
- ▬ Pipe Line
- Dept. Defense Sites
- Indian Reservations BIA
- National Priority List Sites



SITE NAME: Kaw Pipeline
 ADDRESS: Kaw Pipeline
 CITY/STATE: Pawhuska OK
 ZIP: 74056

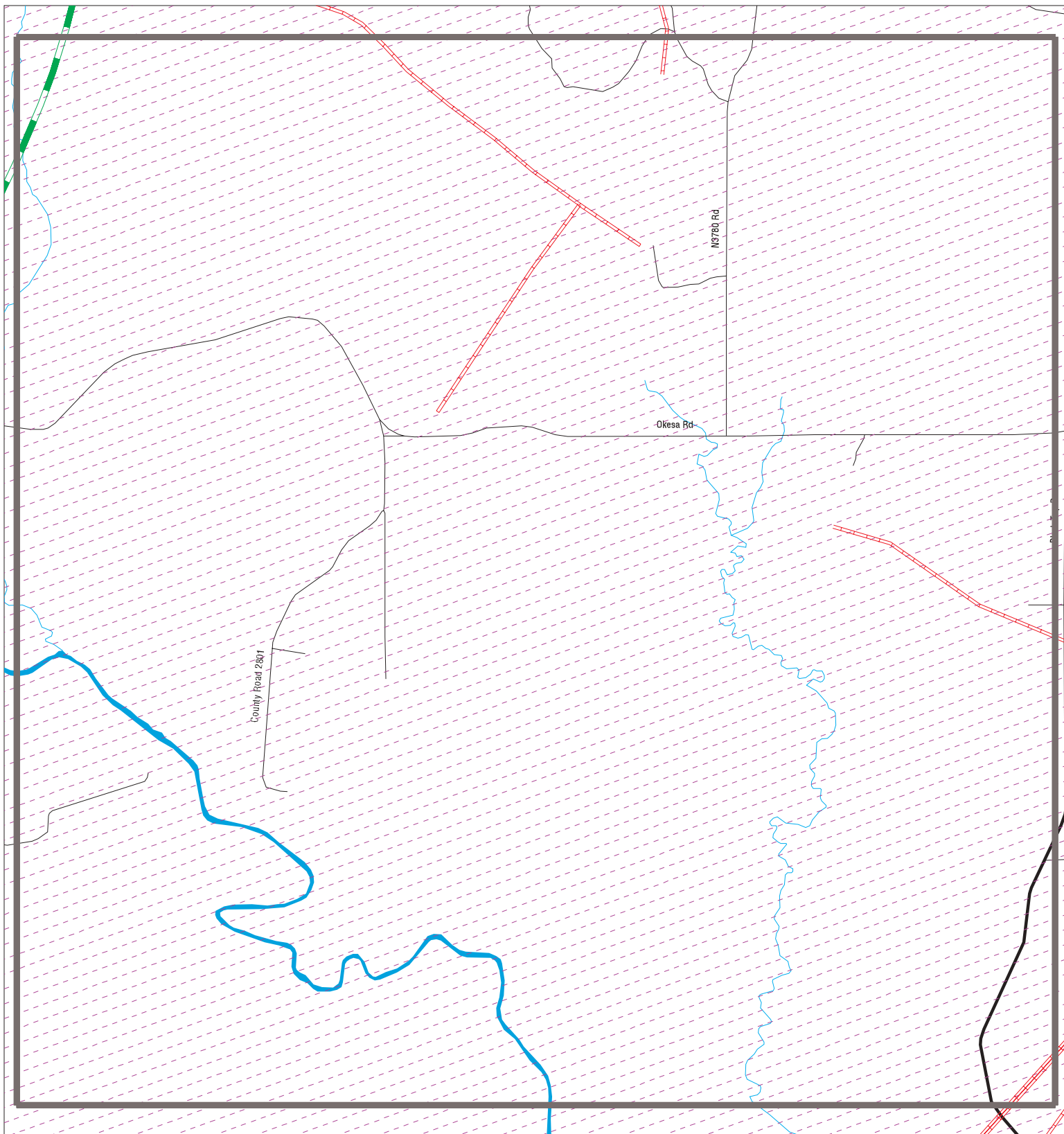
CLIENT: S2 Engineering PLLC
 CONTACT: Sрни@s2epllc.com
 INQUIRY #: 7696907.5s
 DATE: 07/01/24











MAPPED SITES SUMMARY - FOCUS MAP 27

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1 / 27	OS2071 - WELL NO. 1S	SE/4, SEC. 27, T26N,	ICIS, FINDS	TP
12 / 27	GEORGE W BRANUM GIBB	RED EAGLE RT 1/4 MI	TANKS	342 0.065 SE

Focus Map - 28 - 7696907.5s



- | | | | | | |
|--|----------------------|---|-------------------|---|------------------------------|
|  | Sites |  | Focus Map - Sites |  | Dept. Defense Sites |
|  | Target Property |  | Power Line |  | Indian Reservations BIA |
|  | Search Buffer |  | Pipe Line |  | National Priority List Sites |
|  | Focus Map - No Sites | | | | |



SITE NAME: Kaw Pipeline
ADDRESS: Kaw Pipeline
CITY/STATE: Pawhuska OK
ZIP: 74056

CLIENT: S2 Engineering PLLC
CONTACT: Srini@s2epllc.com
INQUIRY #: 7696907.5s
DATE: 07/01/24

MAPPED SITES SUMMARY - FOCUS MAP 28

Target Property:
KAW PIPELINE
PAWHUSKA, OK 74056

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
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NO MAPPED SITES FOUND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IND RES OSAGE RESERVATION
Region
Target , OK
Property

INDIAN RESERV CIND200483
N/A

INDIAN RESERV:
Feature: Indian Reservation
Name: Osage Reservation
Agency: BIA

Focus Map:

1 OS2071 - WELL NO. 1SWD (S)
Target SE/4, SEC. 27, T26N, R 9E
Property PAWHUSKA, OK 74056

ICIS 1007152197
FINDS N/A

ICIS:
Enforcement Action ID: 06-200002067
FRS ID: 110016670164
Action Name: DBS - K6
Actual: 878 ft.
Focus Map: 27
Facility Name: OS2071 - WELL NO. 1SWD (S)
Facility Address: SE/4, SEC. 27, T26N, R 9E
PAWHUSKA, OK 74056
Enforcement Action Type: Notice of Violation
Facility County: OSAGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 36.695612
Longitude in Decimal Degrees: -96.321403
Permit Type Desc: Not reported
Program System Acronym: 2657399
Facility NAICS Code: Not reported
Tribal Land Code: T930

Enforcement Action ID: 06-100020627
FRS ID: 110016670164
Action Name: STONE - I6
Facility Name: OS2071 - WELL NO. 1SWD (S)
Facility Address: SE/4, SEC. 27, T26N, R 9E
PAWHUSKA, OK 74056
Enforcement Action Type: Notice of Violation
Facility County: OSAGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 36.695612
Longitude in Decimal Degrees: -96.321403
Permit Type Desc: Not reported
Program System Acronym: 2657399
Facility NAICS Code: Not reported
Tribal Land Code: T930

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OS2071 - WELL NO. 1SWD (S) (Continued)

1007152197

Enforcement Action ID: 06-100020512
FRS ID: 110016670164
Action Name: STONE - G1
Facility Name: OS2071 - WELL NO. 1SWD (S)
Facility Address: SE/4, SEC. 27, T26N, R 9E
PAWHUSKA, OK 74056
Enforcement Action Type: Notice of Violation
Facility County: OSAGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 36.695612
Longitude in Decimal Degrees: -96.321403
Permit Type Desc: Not reported
Program System Acronym: 2657399
Facility NAICS Code: Not reported
Tribal Land Code: T930

Enforcement Action ID: 06-100020340
FRS ID: 110016670164
Action Name: STONE - Y6
Facility Name: OS2071 - WELL NO. 1SWD (S)
Facility Address: SE/4, SEC. 27, T26N, R 9E
PAWHUSKA, OK 74056
Enforcement Action Type: Notice of Violation
Facility County: OSAGE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 36.695612
Longitude in Decimal Degrees: -96.321403
Permit Type Desc: Not reported
Program System Acronym: 2657399
Facility NAICS Code: Not reported
Tribal Land Code: T930

FINDS:

Registry ID: 110016670164

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The Integrated Compliance Information System (ICIS) provides a database that, when complete, will contain integrated enforcement and compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained in ICIS by EPA in the Regional offices and it at Headquarters. A future release of ICIS will

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OS2071 - WELL NO. 1SWD (S) (Continued)

1007152197

completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A2

Target SEE LAT & LONG
Property SHIDLER, OK

ERNS 2016151728
 N/A

Site 1 of 2 in cluster A

Actual:
 1019 ft.

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Focus Map:
 22

A3

Target OSAGE (County), OK
Property

COMPLAINT S120895869
 N/A

Site 2 of 2 in cluster A

Actual:
 1019 ft.

Focus Map:
 22

OK COMPLAINT:	
Name:	Not reported
Address:	Not reported
City,State,Zip:	OK
Agency Receiving Complaint:	Not reported
Agency with Jurisdiction:	Not reported
Complaint Number:	Not reported
Complaint Number:	Not reported
Complaint Number 2:	Not reported
Complaint Date Closed:	Not reported
Agency Person Contacted:	Not reported
Date Referred to Agency:	Not reported
Date Agency Received:	Not reported
Anonymous Complaint:	Not reported
Confirmation Status:	Not reported
Complainant Name:	Not reported
Complainant Address:	Not reported
Complainant Work Phone:	Not reported
Complainant Home Phone:	Not reported
Complainant City,St,Zip:	Not reported
Date Complaint was Received:	Not reported
Time Complaint was Received:	Not reported
Source and Type of Complaint:	Not reported
Name of Affected Waterbody:	Not reported
Waterbody was affected:	Not reported
Fish or Wildlife Kill Occured:	Not reported
Legal Subdivision of Complaint Site:	Not reported
Section, Township, Range:	Not reported
Township:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S120895869

Range:	Not reported
Lat/Long (dms):	Not reported
Latitude Decimal:	Not reported
Longitude Decimal:	Not reported
Date Agency Responded:	Not reported
First Response Time:	Not reported
Referred To:	Not reported
Date Referred:	Not reported
Pollution:	Not reported
Locate Meridian:	Not reported
Date Investigation:	Not reported
Officer Name:	Not reported
Investigator Initials:	Not reported
Responsible Party Telephone:	Not reported
Responsible Party Telephone2:	Not reported
Leased Well Name:	Not reported
Facility Contact:	Not reported
Date Under Investigation:	06/27/2016
Date Under Litigation:	Not reported
Date Under Remediation:	Not reported
Date Under Mediation:	Not reported
Date Resolved:	Not reported
Confirmation Status:	Not reported
County Number:	Not reported
General Location:	Not reported
Locate QT1:	Not reported
Locate QT2:	Not reported
Locate QT3:	Not reported
Locate QT4:	Not reported
Fiscal Year:	Not reported
Comp Date Closed:	Not reported
Mobile:	Not reported
Latitude Measure:	36.68138888888897
Longitude Measure:	-96.61555555555503
Identifier:	146311
Source cat Code:	22222
Description:	Native American Land
Inquiry Category Name:	Anonymous
Inquiry Status Name:	Not reported
Inquiry Nature Name:	Spill
Responsible Party Address Suite Number:	Not reported
Complainant Address Suite Number:	Not reported
Incident No:	Not reported
Incident Type:	Not reported
Incident Status:	Not reported
Event:	Not reported
Event Date:	Not reported
Saltwater Purge:	Not reported
Finding:	Not reported
Recommendations:	Not reported
Well ID:	Not reported
Well Type:	Not reported
Well Status:	Not reported
Well Number:	Not reported
Operator Name:	Not reported
State Fund:	Not reported
Enforcement:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

S120895869

District:	Not reported
Comp Against:	Not reported
Comp Email:	Not reported
Comp WPHN:	Not reported
Comp HPHN:	Not reported
Comp MBHN:	Not reported
Comp Email 2:	Not reported
Confirm WB:	Not reported
Branch:	Not reported
Transmit:	Not reported
Entered By:	Not reported
Ref Number:	Not reported
Ref Type:	Not reported
Date ERC:	Not reported
Telephone Number:	Not reported
Investigation Assigned:	Not reported
Referred Another Agency:	Not reported
Investigation:	Not reported
Letters Received:	Not reported
Telephone Number of Comp:	Not reported
Type of Complaint?:	Not reported
Field0:	Not reported
Open Date:	Not reported
Closed Date:	Not reported
Reason for Closure:	Not reported
Start Time:	Not reported
End Time:	Not reported
Anonymous Confidential or Unrestricted:	Not reported
Creation Date:	Not reported
Creator:	Not reported
Edit Date:	Not reported
Editor:	Not reported
Allegation:	Not reported

4

Target SEE LAT/LONG
Property SHIDLER, OK

ERNS 2016164444
 N/A

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual:
 1019 ft.

Focus Map:
 22

B5 BURBANK STORE
South 20501 E HWY 60
< 1/8 BURBANK, OK 74633
0.014 mi.
76 ft. Site 1 of 4 in cluster B

UST FINDER 1028634602
 N/A

Actual:	UST FINDER:	
1004 ft.	Object ID:	690822
Focus Map:	Facility ID:	OK[5711219]
24	Name:	BURBANK STORE
	Address:	20501 E HWY 60

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURBANK STORE (Continued)

1028634602

City,State,Zip:	BURBANK, OK 74633
Address Match Type:	Not reported
Open USTs:	0
Closed USTs:	3
TOS USTs:	0
Population 1500ft:	51
Private Wells 1500ft:	0
Within 100yr Floodplain:	No
Land Use:	Non-Developed
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Facility Status:	Closed UST(s)
Date of Last Inspection:	Not reported
EPA Region:	6
Tribe:	Not reported
Coordinate Source:	State
X Coord:	-96.7338
Y Coord:	36.6924000000001
Latitude:	36.6924
Longitude:	-96.7338
UST FINDER:	
Object ID:	1508583
Facility ID:	OK[5711219]
Tank ID:	OK[5711219]_1
Tank Status:	Closed
Installation Date:	1988/06/08 16:00:00+00
Removal Date:	2017/03/27 15:59:59+00
Tank Capacity:	4000
Substances:	Gasoline
Tank Wall Type:	Single
Object ID:	1508584
Facility ID:	OK[5711219]
Tank ID:	OK[5711219]_2
Tank Status:	Closed
Installation Date:	1985/06/09 16:00:00+00
Removal Date:	2017/03/27 15:59:59+00
Tank Capacity:	4000
Substances:	Diesel
Tank Wall Type:	Single
Object ID:	1508585
Facility ID:	OK[5711219]
Tank ID:	OK[5711219]_3
Tank Status:	Closed
Installation Date:	1983/06/09 16:00:00+00
Removal Date:	2017/03/27 15:59:59+00
Tank Capacity:	4000
Substances:	Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURBANK STORE (Continued)

1028634602

Tank Wall Type: Single

B6
South
< 1/8
0.014 mi.
76 ft.

BURBANK STORE
20501 E HWY 60
BURBANK, OK 74633
Site 2 of 4 in cluster B

AST A100479100
N/A

Actual:
1004 ft.

AST:

Focus Map:
24

Name: BURBANK STORE
Address: 20501 E HWY 60
City,State,Zip: BURBANK, OK 74633
Facility ID: 5711219
Contact Name: Betty Hutchison
Contact Address: 1024 Kelley Ave.
Contact Telephone: 5807621751
Contact City,St,Zip: Ponca City, OK 74604
Lat/Long: 36.6924 / -96.7338

Tank ID: 4
Tank Status: Permanently Out of Use
Total Capacity: 5000
Substance: Not Listed
Install Date: 04/01/1988
Tank Type: AST
Closed Date: Not reported
Decode of Tank Status: Permanently out of use
Closure Status: Not reported
Tank Construction: Single Walled
Tank Material: Steel
Pipe Construction: Not reported
Pipe Material: Not reported
Tank Compartments: 1
Tank CP Type: Not reported
Tank Dike Type: Not reported
Pipe CP Type: Not reported
Pipe Type: Not reported
Pipe Underground: NO
Pipe Aboveground: NO
Tank Last Used Date Prior To Closure: Not reported
Tank Inert Material: Not reported
Tank Approved For Closure In-Place: No

B7
South
< 1/8
0.014 mi.
76 ft.

BURBANK STORE
20501 E HWY 60
BURBANK, OK 74633
Site 3 of 4 in cluster B

UST U001230933
HIST UST N/A

Actual:
1004 ft.

UST:

Focus Map:
24

Name: BURBANK STORE
Address: 20501 E HWY 60
City,State,Zip: BURBANK, OK 74633
Facility ID: 5711219
Contact Name: Betty Hutchison
Contact Address: 1024 Kelley Ave.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURBANK STORE (Continued)

U001230933

Contact Telephone: 5807621751
Contact City,St,Zip: Ponca City, OK 74604
Lat/Long: 36.6924 / -96.7338

Tank ID: 1
Tank Status: Permanently Out Of Use
Total Capacity: 4000
Substance: Gasoline
Date Installed: 06/08/1988
Tank Type: UST
Closed Date: 03/27/2017
Decode of Tank Status: Permanently out of use
Closure Status: Tank Removed From Ground
Tank Construction: Single Walled
Tank Material: Steel
Pipe Construction: Single-Walled
Pipe Material: Steel
Tank Compartments: 1
Tank CP Type: Sac. Anode
Tank Dike Type: Not reported
Pipe CP Type: Sac. Anode
Pipe Type: Not reported
Pipe Underground: YES
Pipe Aboveground: NO
Tank Last Used Date Prior To Closure: 06/01/2004
Tank Inert Material: Not reported
Tank Approved For Closure In-Place: N/A

Tank ID: 2
Tank Status: Permanently Out Of Use
Total Capacity: 4000
Substance: Diesel
Date Installed: 06/09/1985
Tank Type: UST
Closed Date: 03/27/2017
Decode of Tank Status: Permanently out of use
Closure Status: Tank Removed From Ground
Tank Construction: Single Walled
Tank Material: Steel
Pipe Construction: Single-Walled
Pipe Material: Steel
Tank Compartments: 1
Tank CP Type: Sac. Anode
Tank Dike Type: Not reported
Pipe CP Type: Sac. Anode
Pipe Type: Not reported
Pipe Underground: YES
Pipe Aboveground: NO
Tank Last Used Date Prior To Closure: 06/01/2004
Tank Inert Material: Not reported
Tank Approved For Closure In-Place: N/A

Tank ID: 3
Tank Status: Permanently Out Of Use
Total Capacity: 4000
Substance: Gasoline
Date Installed: 06/09/1983

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURBANK STORE (Continued)

U001230933

Tank Type: UST
Closed Date: 03/27/2017
Decode of Tank Status: Permanently out of use
Closure Status: Tank Removed From Ground
Tank Construction: Single Walled
Tank Material: Steel
Pipe Construction: Single-Walled
Pipe Material: Steel
Tank Compartments: 1
Tank CP Type: Not reported
Tank Dike Type: Not reported
Pipe CP Type: Not reported
Pipe Type: Not reported
Pipe Underground: YES
Pipe Aboveground: NO
Tank Last Used Date Prior To Closure: 06/05/2004
Tank Inert Material: Not reported
Tank Approved For Closure In-Place: NA

HIST UST:

Facility ID: 5711219
Owner Name: Formby Oil Company
Owner Address: P.O. Box 1420
Owner City,St,Zip: Pawhuska, OK 74056
Tank ID: 2
Tank Status: Currently In Use
Installed Date: 6/9/1985 0:00:00
Tank Capacity: 4000
Product: Diesel

Facility ID: 5711219
Owner Name: Formby Oil Company
Owner Address: P.O. Box 1420
Owner City,St,Zip: Pawhuska, OK 74056
Tank ID: 3
Tank Status: Temporarily Out of Use
Installed Date: 6/9/1985 0:00:00
Tank Capacity: 4000
Product: Gasoline

Facility ID: 5711219
Owner Name: Formby Oil Company
Owner Address: P.O. Box 1420
Owner City,St,Zip: Pawhuska, OK 74056
Tank ID: 1
Tank Status: Currently In Use
Installed Date: 6/8/1988 0:00:00
Tank Capacity: 4000
Product: Gasoline

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

B8 **BURBANK GENERAL**
South **20501 E HIGHWAY 60**
< 1/8 **BURBANK, OK 74633**
0.014 mi.
76 ft. **Site 4 of 4 in cluster B**

EDR Hist Auto **1021522622**
N/A

Actual: EDR Hist Auto
1004 ft.

Focus Map: 24	Year:	Name:	Type:
	1998	BURBANK GENERAL	Gasoline Service Stations
	1999	BURBANK GENERAL	Gasoline Service Stations
	2000	BURBANK GENERAL	Gasoline Service Stations
	2001	BURBANK GENERAL	Gasoline Service Stations
	2002	BURBANK GENERAL	Gasoline Service Stations

9 **MIDWAY STORE**
South **13091 HWY 60**
< 1/8 **PAWHUSKA, OK 74056**
0.035 mi.
185 ft.

UST **U004198427**
N/A

Actual: UST:
853 ft.

Focus Map: Name: MIDWAY STORE
5 Address: 13091 HWY 60
 City,State,Zip: PAWHUSKA, OK 74056
 Facility ID: 5757150
 Contact Name: Ok Dept Of Transportation
 Contact Address: 200 NE 21st Street
 Contact Telephone: 4055213025
 Contact City,St,Zip: Oklahoma City, OK 73105
 Lat/Long: 36.7575 / -96.2177

Tank ID: 1
 Tank Status: Permanently Out Of Use
 Total Capacity: 500
 Substance: Gasoline
 Date Installed: Not reported
 Tank Type: UST
 Closed Date: 03/12/2013
 Decode of Tank Status: Permanently out of use
 Closure Status: Tank Removed From Ground
 Tank Construction: Single Walled
 Tank Material: Steel
 Pipe Construction: Not reported
 Pipe Material: Not reported
 Tank Compartments: 1
 Tank CP Type: Not reported
 Tank Dike Type: Not reported
 Pipe CP Type: Not reported
 Pipe Type: Not reported
 Pipe Underground: NO
 Pipe Aboveground: NO
 Tank Last Used Date Prior To Closure: Not reported
 Tank Inert Material: Not reported
 Tank Approved For Closure In-Place: N/A

Tank ID: 2
 Tank Status: Permanently Out Of Use
 Total Capacity: 250
 Substance: Gasoline

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MIDWAY STORE (Continued)

U004198427

Date Installed: Not reported
 Tank Type: UST
 Closed Date: 03/12/2013
 Decode of Tank Status: Permanently out of use
 Closure Status: Tank Removed From Ground
 Tank Construction: Single Walled
 Tank Material: Steel
 Pipe Construction: Not reported
 Pipe Material: Not reported
 Tank Compartments: 1
 Tank CP Type: Not reported
 Tank Dike Type: Not reported
 Pipe CP Type: Not reported
 Pipe Type: Not reported
 Pipe Underground: NO
 Pipe Aboveground: NO
 Tank Last Used Date Prior To Closure: Not reported
 Tank Inert Material: Not reported
 Tank Approved For Closure In Place: No

C10
South
< 1/8
0.052 mi.
274 ft.

AMERICAN TEL & TEL CO LONG LINES
HWY 60 7M E H18
BURBANK, OK 74633

RCRA NonGen / NLR

1000360236
OKD980598742

Site 1 of 2 in cluster C

Actual:
1100 ft.
Focus Map:
20

RCRA Listings:
 Date Form Received by Agency: 19810415
 Handler Name: American Tel & Tel Co Long Lines
 Handler Address: Hwy 60 7m E H18
 Handler City,State,Zip: BURBANK, OK 74633
 EPA ID: OKD980598742
 Contact Name: DENNI CLEVELAND
 Contact Address: 811 MAIN STREET ROOM 939
 Contact City,State,Zip: KANSAS CITY, MO 64141
 Contact Telephone: 816-654-3322
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 06
 Land Type: Not reported
 Federal Waste Generator Description: Not a generator, verified
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Not reported
 State District Owner: Not reported
 State District: Not reported
 Mailing Address: MAIN STREET ROOM 939
 Mailing City,State,Zip: KANSAS CITY, MO 64141
 Owner Name: American Tel & Tel Co Long Lines
 Owner Type: Private
 Operator Name: Not reported
 Operator Type: Not reported
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AMERICAN TEL & TEL CO LONG LINES (Continued)

1000360236

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRC Permit Baseline:	Not on the Baseline
2018 GPRC Renewals Baseline:	Not on the Baseline
202 GPRC Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20000902
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D002
Waste Description:	Corrosive Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMERICAN TEL & TEL CO LONG LINES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	UNKNOWN
Owner/Operator City,State,Zip:	UNKNOWN, OK 00000-0000
Owner/Operator Telephone:	000-000-0000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN TEL & TEL CO LONG LINES (Continued)

1000360236

Historic Generators:

Receive Date: 19810415
Handler Name: AMERICAN TEL & TEL CO LONG LINES
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

11
South
< 1/8
0.059 mi.
312 ft.

DON GALLOWAY
RED EAGLE RT, 14 MI E HWY 60
PAWHUSKA, OK 74056

TANKS S131634140
N/A

Actual:
1014 ft.
Focus Map:
22

TANKS:
Facility ID: 5717188
Name: DON GALLOWAY
Address: RED EAGLE RT, 14 MI E HWY 60
City,State,Zip: PAWHUSKA, OK 74056
Owner Name: Don Galloway
Owner Address: RED EAGLE RT, 14 MI E HWY 60
Owner City,State,Zip: Pawhuska, OK 74056
Owner Telephone: Not reported
Latitude: 36.6802
Longitude: -96.604

12
SE
< 1/8
0.065 mi.
342 ft.

GEORGE W BRANUM GIBBLE
RED EAGLE RT 1/4 MI N HWY 601 BLK OUTSIDE CITY LIMITS
PAWHUSKA, OK 74056

TANKS S131634145
N/A

Actual:
864 ft.
Focus Map:
27

TANKS:
Facility ID: 5717239
Name: GEORGE W BRANUM GIBBLE
Address: RED EAGLE RT 1/4 MI N HWY 601 BLK OUTSIDE CITY LIMITS
City,State,Zip: PAWHUSKA, OK 74056
Owner Name: George W Branum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GEORGE W BRANUM GIBBLE (Continued)

S131634145

Owner Address: RED EAGLE RT 1/4 MI N HWY 60
Owner City,State,Zip: Pawhuska, OK 74056
Owner Telephone: Not reported
Latitude: 36.7022
Longitude: -96.3159

C13
South
< 1/8
0.068 mi.
357 ft.

JOHN COBLE PHILLIPS
4 MI E HWY 60
BURBANK, OK 74633
Site 2 of 2 in cluster C

TANKS **S131634120**
N/A

Actual:
1101 ft.

TANKS:

Facility ID: 5716226
Name: JOHN COBLE PHILLIPS
Address: 4 MI E HWY 60
City,State,Zip: BURBANK, OK 74633
Owner Name: John Coble
Owner Address: 4 MI E HWY 60
Owner City,State,Zip: Burbank, OK 74633
Owner Telephone: Not reported
Latitude: 36.6877
Longitude: -96.6898

Focus Map:
20

D14
NNE
1/8-1/4
0.171 mi.
902 ft.

LIEBER'S TEXACO
ADDRESS UNKNOWN
BURBANK, OK 74633
Site 1 of 3 in cluster D

UST **U001230908**
HIST UST **N/A**

Actual:
1042 ft.

UST:

Name: LIEBER'S TEXACO
Address: ADDRESS UNKNOWN
City,State,Zip: BURBANK, OK 74633
Facility ID: 5709127
Contact Name: Mounts Oil Company
Contact Address: 21204 Blue Curl Way
Contact Telephone: 5807650697
Contact City,St,Zip: Canyon Country, CA 91351
Lat/Long: 36.695 / -96.7345

Focus Map:
20

Tank ID: 1
Tank Status: Permanently Out Of Use
Total Capacity: 1000
Substance: Gasoline
Date Installed: 05/06/1976
Tank Type: UST
Closed Date: Not reported
Decode of Tank Status: Permanently out of use
Closure Status: Not Listed
Tank Construction: Single Walled
Tank Material: Steel
Pipe Construction: Single-Walled
Pipe Material: Steel
Tank Compartments: 1
Tank CP Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LIEBER'S TEXACO (Continued)

U001230908

Tank Dike Type: Not reported
Pipe CP Type: Not reported
Pipe Type: Not reported
Pipe Underground: YES
Pipe Aboveground: NO
Tank Last Used Date Prior To Closure: 06/01/1987
Tank Inert Material: Not Listed
Tank Approved For Closure In-Place:

Tank ID: 2
Tank Status: Permanently Out Of Use
Total Capacity: 500
Substance: Gasoline
Date Installed: 05/07/1971
Tank Type: UST
Closed Date: Not reported
Decode of Tank Status: Permanently out of use
Closure Status: Not Listed
Tank Construction: Single Walled
Tank Material: Steel
Pipe Construction: Single-Walled
Pipe Material: Steel
Tank Compartments: 1
Tank CP Type: Not reported
Tank Dike Type: Not reported
Pipe CP Type: Not reported
Pipe Type: Not reported
Pipe Underground: YES
Pipe Aboveground: NO
Tank Last Used Date Prior To Closure: 06/01/1987
Tank Inert Material: Not Listed
Tank Approved For Closure In-Place:

Tank ID: 3
Tank Status: Permanently Out Of Use
Total Capacity: 1000
Substance: Gasoline
Date Installed: 05/06/1976
Tank Type: UST
Closed Date: Not reported
Decode of Tank Status: Permanently out of use
Closure Status: Not Listed
Tank Construction: Single Walled
Tank Material: Steel
Pipe Construction: Single-Walled
Pipe Material: Steel
Tank Compartments: 1
Tank CP Type: Not reported
Tank Dike Type: Not reported
Pipe CP Type: Not reported
Pipe Type: Not reported
Pipe Underground: YES
Pipe Aboveground: NO
Tank Last Used Date Prior To Closure: 06/01/1987
Tank Inert Material: Not Listed
Tank Approved For Closure In-Place:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LIEBER'S TEXACO (Continued)

U001230908

HIST UST:

Facility ID: 5709127
Owner Name: Mounts Oil Company
Owner Address: 900 North 5th Street
Owner City,St,Zip: Ponca City, OK 74601
Tank ID: 1
Tank Status: Permanently Out of Use
Installed Date: 5/6/1976 0:00:00
Tank Capacity: 1000
Product: Gasoline

Facility ID: 5709127
Owner Name: Mounts Oil Company
Owner Address: 900 North 5th Street
Owner City,St,Zip: Ponca City, OK 74601
Tank ID: 2
Tank Status: Permanently Out of Use
Installed Date: 5/7/1971 0:00:00
Tank Capacity: 500
Product: Gasoline

Facility ID: 5709127
Owner Name: Mounts Oil Company
Owner Address: 900 North 5th Street
Owner City,St,Zip: Ponca City, OK 74601
Tank ID: 3
Tank Status: Permanently Out of Use
Installed Date: 5/6/1976 0:00:00
Tank Capacity: 1000
Product: Gasoline

D15 **HISTORICAL FACILITY**
NNE **HWY 60 WEST (N SIDE OF HWY)**
1/8-1/4 **BURBANK, OK 74633**
0.185 mi.
979 ft. **Site 2 of 3 in cluster D**

TANKS **S131634216**
N/A

Actual: **TANKS:**
1041 ft. Facility ID: 5756859
Focus Map: Name: HISTORICAL FACILITY
20 Address: HWY 60 WEST (N SIDE OF HWY)
City,State,Zip: BURBANK, OK 74633
Owner Name: Lois Lieber
Owner Address: HWY 60 W (N SIDE OF HWY)
Owner City,State,Zip: Burbank, OK 74633
Owner Telephone: Not reported
Latitude: 36.6952
Longitude: -96.7344

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D16 **HAROLD MCGOWEN PHILLIPS**
NNE **HWY 60 W IN TOWN**
1/8-1/4 **BURBANK, OK 74633**
0.196 mi.
1034 ft. **Site 3 of 3 in cluster D**

TANKS **S131634121**
 N/A

Actual: **TANKS:**
1041 ft. Facility ID: 5716227
Focus Map: Name: HAROLD MCGOWEN PHILLIPS
20 Address: HWY 60 W IN TOWN
 City,State,Zip: BURBANK, OK 74633
 Owner Name: Harold Mcgowen
 Owner Address: HWY 60 W IN TOWN
 Owner City,State,Zip: Burbank, OK 74633
 Owner Telephone: Not reported
 Latitude: 36.6953
 Longitude: -96.7342

17 **BURBANK MATERIALS LLP**
NNE **OLD HWY 60 / CR 4030**
1/8-1/4 **BURBANK, OK 74633**
0.225 mi.
1189 ft.

US MINES **1024919956**
 N/A

Actual: **US MINES:**
1022 ft. Sic Code(s): 142900
Focus Map: Sic Code(s): 000000
20 Sic Code(s): 000000
 Sic Code(s): 000000
 Sic Code(s): 000000
 Sic Code(s): 000000
 Mine ID: 3402088
 Entity Name: BURBANK MATERIALS LLP
 Company: BURBANK MATERIALS LLP
 Status: Full-Time Permanent
 Status Date: 20100401
 Operation Class: 2
 Number of Shops: 0
 Number of Plants: 0
 Latitude Degree: 36
 Longitude Degree: 096
 Latitude Minute: 41
 Latitude Seconds: 42
 Longitude Minutes: 43
 Longitude Seconds: 54
 Number of Pits: 000

MINES VIOLATIONS:
Name: BURBANK MATERIALS LLP
Address: OLD HWY 60 / CR 4030
City,State,Zip: BURBANK, OK 74633
Facility ID: Not reported

MINES VIOLATIONS:
Violation Number: 9675924
Mine ID: 3402088
Contractor ID: Not reported
Date Issued: 6/14/2023
Action Type: 104(a)
Type of Issue: Citation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURBANK MATERIALS LLP (Continued)

1024919956

S and S: N
Term Date: 6/14/2023
Title 30 Code of Federal Regulations: 56.12004
Proposed Penalty: 143.00
Assessment Amount: 143.00
Paid Penalty Amount: 143.00
Assessment Case Status: Not reported
Assessment Status: Proposed
Year: 2023
Address Type: MineLocation
PO Box: Not reported
Address: OLD HWY 60 / CR 4030
City: BURBANK
State: OK
Operator: Burbank Materials LLP
Zip: 74633
Mine Controller Name: Casey B Hindman
Name: BURBANK MATERIALS LLP
Ownership Date: 7/8/2009
Mine Status: Active
Status Date: 4/1/2010
Primary Site Description: Crushed, Broken Stone NEC
Mine Type: Surface
State 2: OK
County: OSAGE

Violation Number: 9675925
Mine ID: 3402088
Contractor ID: Not reported
Date Issued: 6/14/2023
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 6/14/2023
Title 30 Code of Federal Regulations: 56.4104(b)
Proposed Penalty: 143.00
Assessment Amount: 143.00
Paid Penalty Amount: 143.00
Assessment Case Status: Not reported
Assessment Status: Proposed
Year: 2023
Address Type: MineLocation
PO Box: Not reported
Address: OLD HWY 60 / CR 4030
City: BURBANK
State: OK
Operator: Burbank Materials LLP
Zip: 74633
Mine Controller Name: Casey B Hindman
Name: BURBANK MATERIALS LLP
Ownership Date: 7/8/2009
Mine Status: Active
Status Date: 4/1/2010
Primary Site Description: Crushed, Broken Stone NEC
Mine Type: Surface
State 2: OK
County: OSAGE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURBANK MATERIALS LLP (Continued)

1024919956

Violation Number: 9675926
Mine ID: 3402088
Contractor ID: Not reported
Date Issued: 6/14/2023
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 6/14/2023
Title 30 Code of Federal Regulations: 50.30(a)
Proposed Penalty: 143.00
Assessment Amount: 143.00
Paid Penalty Amount: 143.00
Assessment Case Status: Not reported
Assessment Status: Proposed
Year: 2023
Address Type: MineLocation
PO Box: Not reported
Address: OLD HWY 60 / CR 4030
City: BURBANK
State: OK
Operator: Burbank Materials LLP
Zip: 74633
Mine Controller Name: Casey B Hindman
Name: BURBANK MATERIALS LLP
Ownership Date: 7/8/2009
Mine Status: Active
Status Date: 4/1/2010
Primary Site Description: Crushed, Broken Stone NEC
Mine Type: Surface
State 2: OK
County: OSAGE

Violation Number: 9350206
Mine ID: 3402088
Contractor ID: Not reported
Date Issued: 1/12/2017
Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 1/23/2017
Title 30 Code of Federal Regulations: 56.14100(b)
Proposed Penalty: 116.00
Assessment Amount: 116.00
Paid Penalty Amount: 116.00
Assessment Case Status: Closed
Assessment Status: Proposed
Year: 2017
Address Type: MineLocation
PO Box: Not reported
Address: OLD HWY 60 / CR 4030
City: BURBANK
State: OK
Operator: Burbank Materials LLP
Zip: 74633
Mine Controller Name: Casey B Hindman
Name: BURBANK MATERIALS LLP
Ownership Date: 7/8/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURBANK MATERIALS LLP (Continued)

1024919956

Mine Status: Active
Status Date: 4/1/2010
Primary Site Description: Crushed, Broken Stone NEC
Mine Type: Surface
State 2: OK
County: OSAGE

Violation Number: 9350207
Mine ID: 3402088
Contractor ID: Not reported
Date Issued: 1/12/2017
Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 1/23/2017
Title 30 Code of Federal Regulations: 56.14103(b)
Proposed Penalty: 330.00
Assessment Amount: 330.00
Paid Penalty Amount: 330.00
Assessment Case Status: Closed
Assessment Status: Proposed
Year: 2017
Address Type: MineLocation
PO Box: Not reported
Address: OLD HWY 60 / CR 4030
City: BURBANK
State: OK
Operator: Burbank Materials LLP
Zip: 74633
Mine Controller Name: Casey B Hindman
Name: BURBANK MATERIALS LLP
Ownership Date: 7/8/2009
Mine Status: Active
Status Date: 4/1/2010
Primary Site Description: Crushed, Broken Stone NEC
Mine Type: Surface
State 2: OK
County: OSAGE

Violation Number: 9350208
Mine ID: 3402088
Contractor ID: Not reported
Date Issued: 1/12/2017
Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 1/12/2017
Title 30 Code of Federal Regulations: 56.9300(a)
Proposed Penalty: 330.00
Assessment Amount: 330.00
Paid Penalty Amount: 330.00
Assessment Case Status: Closed
Assessment Status: Proposed
Year: 2017
Address Type: MineLocation
PO Box: Not reported
Address: OLD HWY 60 / CR 4030

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURBANK MATERIALS LLP (Continued)

1024919956

City: BURBANK
State: OK
Operator: Burbank Materials LLP
Zip: 74633
Mine Controller Name: Casey B Hindman
Name: BURBANK MATERIALS LLP
Ownership Date: 7/8/2009
Mine Status: Active
Status Date: 4/1/2010
Primary Site Description: Crushed, Broken Stone NEC
Mine Type: Surface
State 2: OK
County: OSAGE

Violation Number: 9350209
Mine ID: 3402088
Contractor ID: Not reported
Date Issued: 1/12/2017
Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 1/23/2017
Title 30 Code of Federal Regulations: 56.14107(a)
Proposed Penalty: 330.00
Assessment Amount: 330.00
Paid Penalty Amount: 330.00
Assessment Case Status: Closed
Assessment Status: Proposed
Year: 2017
Address Type: MineLocation
PO Box: Not reported
Address: OLD HWY 60 / CR 4030
City: BURBANK
State: OK
Operator: Burbank Materials LLP
Zip: 74633
Mine Controller Name: Casey B Hindman
Name: BURBANK MATERIALS LLP
Ownership Date: 7/8/2009
Mine Status: Active
Status Date: 4/1/2010
Primary Site Description: Crushed, Broken Stone NEC
Mine Type: Surface
State 2: OK
County: OSAGE

Violation Number: 9350210
Mine ID: 3402088
Contractor ID: Not reported
Date Issued: 1/12/2017
Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 1/12/2017
Title 30 Code of Federal Regulations: 56.14112(b)
Proposed Penalty: 330.00
Assessment Amount: 330.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURBANK MATERIALS LLP (Continued)

1024919956

Paid Penalty Amount: 330.00
Assessment Case Status: Closed
Assessment Status: Proposed
Year: 2017
Address Type: MineLocation
PO Box: Not reported
Address: OLD HWY 60 / CR 4030
City: BURBANK
State: OK
Operator: Burbank Materials LLP
Zip: 74633
Mine Controller Name: Casey B Hindman
Name: BURBANK MATERIALS LLP
Ownership Date: 7/8/2009
Mine Status: Active
Status Date: 4/1/2010
Primary Site Description: Crushed, Broken Stone NEC
Mine Type: Surface
State 2: OK
County: OSAGE

Violation Number: 9647156
Mine ID: 3402088
Contractor ID: Not reported
Date Issued: 3/8/2022
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 3/8/2022
Title 30 Code of Federal Regulations: 56.14132(a)
Proposed Penalty: 133.00
Assessment Amount: 133.00
Paid Penalty Amount: 133.00
Assessment Case Status: Not reported
Assessment Status: Proposed
Year: 2022
Address Type: MineLocation
PO Box: Not reported
Address: OLD HWY 60 / CR 4030
City: BURBANK
State: OK
Operator: Burbank Materials LLP
Zip: 74633
Mine Controller Name: Casey B Hindman
Name: BURBANK MATERIALS LLP
Ownership Date: 7/8/2009
Mine Status: Active
Status Date: 4/1/2010
Primary Site Description: Crushed, Broken Stone NEC
Mine Type: Surface
State 2: OK
County: OSAGE

Violation Number: 9647157
Mine ID: 3402088
Contractor ID: Not reported
Date Issued: 3/8/2022

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURBANK MATERIALS LLP (Continued)

1024919956

Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 3/8/2022
Title 30 Code of Federal Regulations: 56.20003(a)
Proposed Penalty: 133.00
Assessment Amount: 133.00
Paid Penalty Amount: 133.00
Assessment Case Status: Not reported
Assessment Status: Proposed
Year: 2022
Address Type: MineLocation
PO Box: Not reported
Address: OLD HWY 60 / CR 4030
City: BURBANK
State: OK
Operator: Burbank Materials LLP
Zip: 74633
Mine Controller Name: Casey B Hindman
Name: BURBANK MATERIALS LLP
Ownership Date: 7/8/2009
Mine Status: Active
Status Date: 4/1/2010
Primary Site Description: Crushed, Broken Stone NEC
Mine Type: Surface
State 2: OK
County: OSAGE

Violation Number: 9400524
Mine ID: 3402088
Contractor ID: Not reported
Date Issued: 9/4/2018
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 9/4/2018
Title 30 Code of Federal Regulations: 56.4104(a)
Proposed Penalty: 118.00
Assessment Amount: 118.00
Paid Penalty Amount: 118.00
Assessment Case Status: Closed
Assessment Status: Proposed
Year: 2018
Address Type: MineLocation
PO Box: Not reported
Address: OLD HWY 60 / CR 4030
City: BURBANK
State: OK
Operator: Burbank Materials LLP
Zip: 74633
Mine Controller Name: Casey B Hindman
Name: BURBANK MATERIALS LLP
Ownership Date: 7/8/2009
Mine Status: Active
Status Date: 4/1/2010
Primary Site Description: Crushed, Broken Stone NEC
Mine Type: Surface

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BURBANK MATERIALS LLP (Continued)

1024919956

State 2: OK
County: OSAGE

[Click this hyperlink](#) while viewing on your computer to access
127 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BARTLESVILLE	1003875980	EAST BARTLESVILLE DUMP	5.5 MILES EAST OF BARTLESVILLE, OKLAHOMA	74003	SEMS-ARCHIVE
BARTLESVILLE	1003875981	OLD DEWEY ROAD DUMP	0.5 MILES N. OF BARTLESVILLE, OKLAHOMA	74003	SEMS-ARCHIVE
BARTLESVILLE	1027018178	OSAGE BARTLESVILLE - HOTEL CASINO	US HIGHWAY 60 AND N3900	74003	FINDS
BARTLESVILLE	S125380255	RAM ENERGY LLC - ALLEN UNIT	BARTLESVILLE ROAD	74003	TIER 2
BARTLESVILLE	S118327650	RAM ENERGY LLC - OSAGE ALLEN UNIT	BARTLESVILLE ROAD	74003	TIER 2
BURBANK	1012218463	SCISSORTAIL ENGRY LLC / BURBANK GAS PLT AND CMPSR STA	0.5 MILES SOUTH OF	74633	US AIRS
BURBANK	1024437659	BURBANK MATERIALS LLP / BURBANK QUARRY EXPANSION	0.55 MI NE OF SOUTH AVE/1ST AVE	74633	FINDS, ECHO
BURBANK	S111195632	SUPERIOR PIPELINE--REMINGTON PLANT	4477 REMINGTON ROAD	74633	TIER 2
BURBANK	S126463050	SUPERIOR PIPELINE--EAST REMINGTON COMPRESSOR STATION	4477 REMINGTON ROAD	74633	TIER 2
BURBANK	S126463051	SUPERIOR PIPELINE--REMINGTON COMPRESSOR STATION	4477 REMINGTON ROAD	74633	TIER 2
BURBANK	S126463048	SCISSORTAIL ENERGY, LLC--BURBANK PLANT	4707 REMMINGTON RD. FROM HWY 60 AND 18, APPROX. 2 MILES WEST, 1 MILE SOUTH ON REMINGTON RD. REMINGTON AND HWY 60.	74633	TIER 2
BURBANK	S118877165	SCISSORTAIL ENERGY, LLC--BURBANK PLANT	4707 REMMINGTON RD. FROM HWY 60 AND 18, APPROX. 2 MILES WEST, 1 MILE SOUTH ON REMINGTON RD. REMINGTON AND HWY 60.SE/4 SECTION 35-26N-5E	74633	TIER 2
FAIRFAX	S112040291	T & L OIL--MATHIS UNIT TANK BATTERY LEASE	HIGHWAY 60	74637	TIER 2
FAIRFAX	S111194354	T & L OIL--MATHIS UNIT TANK BATTERY LEASE	HIGHWAY 60	74637	TIER 2
PAWHUSKA	89106545		SOUTH OF HIGHWAY 60, SEC 14, TS 25N, R 8E		ERNS
PAWHUSKA	9157874		OSAGE HILLS STATE PARK		ERNS
PAWHUSKA	1001029652	LAMAMCO DRILLING	HIGHWAY 99 SOUTH	74056	RCRA NonGen / NLR
PAWHUSKA	1004578950	PAWHUSKA PUBLIC SCHOOLS	1505 N LYNN	74056	FTTS, HIST FTTS
PAWHUSKA	1016284386	LAMAMCO DRILLING CO	HIGHWAY 99 SOUTH	74056	FINDS, ECHO
PAWHUSKA	1027027083	CONSTRUCTION SITE OSAGE CASINO HOTEL - PAWHUSKA	US HIGHWAY 60 AND HIGHWAY 99	74056	FINDS
PAWHUSKA	1026902342	CONSTRUCTION SITE OSAGE CASINO HOTEL - PAWHUSKA	US HIGHWAY 60 AND HIGHWAY 99	74056	ECHO
PAWHUSKA	S126461925	843476-CCATT-AWE-PAWHUSKA	4 MILES NORTH OF HIGHWAY 60 ON CR4551	74056	TIER 2
PAWHUSKA	S118293784	BRUCE & DEBRA KREBBS - GOVERNMENT LEASE TANK BATTERY	DIRECTIONS FROM HIGHWAY 99 / HIGHWAY 60 INTERSECTION: FROM THE INTERSECTION OF HIGHWAY 99 AND HIGHWAY 60, TAKE HIGHWAY 99 NORTH ABOUT 15.6 MILES TO DRIVEWAY ON THE LEFT SIDE (WEST) OF THE ROAD. TURN L	74056	TIER 2
PAWHUSKA	S118881495	843476-CCATT-AWE-PAWHUSKA	4 MILES NORTH OF HIGHWAY 60 ON CR4551	74056	TIER 2
PAWHUSKA	S118293781	BRUCE & DEBRA KREBBS - ADAMS LEASE TANK BATTERY	DIRECTIONS FROM HIGHWAY 99 / HIGHWAY 60 INTERSECTION: FROM THE INTERSECTION OF HIGHWAY 99 AND HIGHWAY 60, TAKE HIGHWAY 99 NORTH ABOUT 1.2 MILES. JUST NORTH OF THE CREEK AT THE BOTTOM OF THE HILL THERE	74056	TIER 2
PAWHUSKA	S118293783	BRUCE & DEBRA KREBBS - CULVER LEASE TANK BATTERY	DIRECTIONS FROM HIGHWAY 99 / HIGHWAY 60 INTERSECTION: FROM THE INTERSECTION OF HIGHWAY 99 AND HIGHWAY 60, TAKE HIGHWAY 99 NORTH ABOUT 9.75 MILES TO HIGHWAY 10. TURN RIGHT (EAST) ONTO HIGHWAY 10. THE C	74056	TIER 2

Count: 33 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PAWHUSKA	S118293782	BRUCE & DEBRA KREBBS - CRANE LEASE TANK BATTERY	DIRECTIONS FROM HIGHWAY 99 / HIGHWAY 60 INTERSECTION: FROM THE INTERSECTION OF HIGHWAY 99 AND HIGHWAY 60, TAKE HIGHWAY 99 NORTH ABOUT 16.3 MILES TO ROAD 4910. TURN LEFT (WEST) ONTO ROAD 4910 FOR ABOUT	74056	TIER 2
PAWHUSKA	S118875687	CHAPARRAL--PAWHUSKA DISTRICT OFFICE	HWY 99 SOUTH	74056	TIER 2
PAWHUSKA	S125382348	SPYGLASS BLACKLAND TANK BATTERY	FROM INTERSECTION OF HWY 60 (SH 11) AND CR 4551 PROCEED NORTH ON CR 4551 TOWARD FOREAKER, OK. TURN EAST ON CR 4650 FOR 3 MILES. TURN SOUTH INTO SITE. FOLLOW SITE ROAD 3 MILES.	74056	TIER 2
PAWHUSKA	S118294607	CHAPARRAL ENERGY, LLC - PAWHUSKA DISTRICT OFFICE	HWY 99 SOUTH	74056	TIER 2
PAWHUSKA	S112014426	CHAPARRAL--CHAPARRAL ENERGY, LLC - PAWHUSKA DISTRICT OFFICE	HWY 99 SOUTH	74056	TIER 2
PAWHUSKA	S126461927	BRUCE & DEBRA KREBBS - VERN LEASE TANK BATTERY	DIRECTIONS FROM PAWHUSKA: FROM THE INTERSECTION OF MAIN STREET (HWY 60) AND LYNN AVENUE IN PAWHUSKA, PROCEED WEST ABOUT 5.3 MILES ON HIGHWAY 60 TO ROAD 5305. TURN LEFT (SOUTH) ONTO ROAD 5305 AND CONTI	74056	TIER 2
PAWHUSKA	S118293785	BRUCE & DEBRA KREBBS - SUNSET LABADIE-WEST LABADIE LEASE TANK BATTERY	DIRECTIONS FROM HIGHWAY 60 (FRANK PHILLIPS BOULEVARD) & HIGHWAY 123 IN BARTLESVILLE: FROM THE INTERSECTION OF HIGHWAY 60 AND HIGHWAY 123, TAKE HIGHWAY 60 WEST TOWARD PAWHUSKA FOR 10.7 MILES. TURN RIGH	74056	TIER 2

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/22/2024	Source: EPA
Date Data Arrived at EDR: 06/03/2024	Telephone: N/A
Date Made Active in Reports: 06/26/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/08/2024
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/22/2024	Source: EPA
Date Data Arrived at EDR: 06/03/2024	Telephone: N/A
Date Made Active in Reports: 06/26/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/08/2024
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/25/2024
Date Data Arrived at EDR: 03/26/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/25/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/22/2024
Date Data Arrived at EDR: 05/01/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/22/2024	Source: EPA
Date Data Arrived at EDR: 05/01/2024	Telephone: 800-424-9346
Date Made Active in Reports: 05/24/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 07/22/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/03/2024	Source: EPA
Date Data Arrived at EDR: 06/07/2024	Telephone: 800-424-9346
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 214-665-6444
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 214-665-6444
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 214-665-6444
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/03/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/07/2024	Telephone: 214-665-6444
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/07/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/14/2024	Source: Department of the Navy
Date Data Arrived at EDR: 02/16/2024	Telephone: 843-820-7326
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/17/2024
Number of Days to Update: 48	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2024	Telephone: 703-603-0695
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/21/2024
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/02/2024
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/21/2024	Telephone: 703-603-0695
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 05/21/2024
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/02/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/13/2024

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 03/19/2024

Telephone: 202-267-2180

Date Made Active in Reports: 06/17/2024

Last EDR Contact: 06/17/2024

Number of Days to Update: 90

Next Scheduled EDR Contact: 09/30/2024

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Voluntary Cleanup & Superfund Site Status Report

Land restoration projects carried out in several DEQ programs.

Date of Government Version: 10/27/2022

Source: Department of Environmental Quality

Date Data Arrived at EDR: 11/08/2022

Telephone: 405-702-5100

Date Made Active in Reports: 01/27/2023

Last EDR Contact: 05/09/2024

Number of Days to Update: 80

Next Scheduled EDR Contact: 08/19/2024

Data Release Frequency: No Update Planned

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Permitted Solid Waste Disposal & Processing Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/17/2023

Source: Department of Environmental Quality

Date Data Arrived at EDR: 03/22/2023

Telephone: 405-702-5184

Date Made Active in Reports: 06/07/2023

Last EDR Contact: 06/18/2024

Number of Days to Update: 77

Next Scheduled EDR Contact: 09/30/2024

Data Release Frequency: Annually

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/05/2024

Source: Oklahoma Corporation Commission

Date Data Arrived at EDR: 03/20/2024

Telephone: 405-521-3107

Date Made Active in Reports: 06/12/2024

Last EDR Contact: 06/18/2024

Number of Days to Update: 84

Next Scheduled EDR Contact: 09/30/2024

Data Release Frequency: Varies

LAST: Leaking Aboveground Storage Tanks List

Leaking aboveground storage tank site locations.

Date of Government Version: 03/05/2024

Source: Oklahoma Corporation Commission

Date Data Arrived at EDR: 03/20/2024

Telephone: 405-522-4640

Date Made Active in Reports: 06/12/2024

Last EDR Contact: 06/18/2024

Number of Days to Update: 84

Next Scheduled EDR Contact: 09/30/2024

Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/30/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/04/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 01/17/2024	Telephone: 312-886-7439
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 03/15/2024	Source: FEMA
Date Data Arrived at EDR: 03/19/2024	Telephone: 202-646-5797
Date Made Active in Reports: 06/17/2024	Last EDR Contact: 06/26/2024
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/14/2024
	Data Release Frequency: Varies

UST: Underground Storage Tank Listing

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/05/2024	Source: Oklahoma Corporation Commission
Date Data Arrived at EDR: 03/20/2024	Telephone: 405-521-3107
Date Made Active in Reports: 06/12/2024	Last EDR Contact: 06/18/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Varies

AST: Aboveground Storage Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 03/05/2024	Source: Oklahoma Corporation Commission
Date Data Arrived at EDR: 03/20/2024	Telephone: 405-521-3107
Date Made Active in Reports: 06/12/2024	Last EDR Contact: 06/18/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/24/2023	Source: EPA Region 4
Date Data Arrived at EDR: 01/17/2024	Telephone: 404-562-9424
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 04/17/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 9
Date Data Arrived at EDR: 01/17/2024	Telephone: 415-972-3368
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 8
Date Data Arrived at EDR: 01/17/2024	Telephone: 303-312-6137
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA, Region 1
Date Data Arrived at EDR: 01/17/2024	Telephone: 617-918-1313
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/17/2023	Source: EPA Region 5
Date Data Arrived at EDR: 01/17/2024	Telephone: 312-886-6136
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 04/17/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/24/2023	Source: EPA Region 6
Date Data Arrived at EDR: 01/17/2024	Telephone: 214-665-7591
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 10
Date Data Arrived at EDR: 01/17/2024	Telephone: 206-553-2857
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/24/2023	Source: EPA Region 7
Date Data Arrived at EDR: 01/17/2024	Telephone: 913-551-7003
Date Made Active in Reports: 03/13/2024	Last EDR Contact: 05/30/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TANKS: Petroleum Storage Tank Other Facilities List

A list of Oklahoma facilities that are not associated with any registered tanks (i.e., historical facilities, brand new facilities awaiting tank installation, etc).

Date of Government Version: 03/05/2024	Source: Oklahoma Corporation Commission
Date Data Arrived at EDR: 03/20/2024	Telephone: 405-522-4640
Date Made Active in Reports: 06/12/2024	Last EDR Contact: 06/18/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Control Sites

Sites with institutional controls in place.

Date of Government Version: 01/09/2024	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/07/2024	Telephone: 405-702-5100
Date Made Active in Reports: 05/01/2024	Last EDR Contact: 05/07/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/14/2024
Number of Days to Update: 142	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Site Inventory

Investigations and cleanups by groups or individuals participating in the Voluntary Cleanup Program (VCP).

Date of Government Version: 11/06/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/08/2023	Telephone: 405-702-5100
Date Made Active in Reports: 02/01/2024	Last EDR Contact: 05/07/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Quarterly

SCAP: Site Cleanup Assistance program Listing

SCAP remediates abandoned hazardous waste sites and closed armories and provides other cleanup assistance to public entities around the state.

Date of Government Version: 03/19/2024	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/20/2024	Telephone: 405-702-5138
Date Made Active in Reports: 06/12/2024	Last EDR Contact: 06/18/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS: Brownfield Sites

Brownfields are defined by Oklahoma law as abandoned, idled or under used industrial or commercial facilities or other real property at which expansion or redevelopment of the real property is complicated by environmental contamination caused by regulated substances. This program provides a means for private parties and government entities to voluntarily investigate and if warranted, clean up properties that may be contaminated with hazardous wastes. The formal Brownfields Program provides specific state liability relief and protects the property from federal Superfund actions.

Date of Government Version: 09/07/2012	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/07/2012	Telephone: 405-702-5100
Date Made Active in Reports: 10/10/2012	Last EDR Contact: 05/03/2024
Number of Days to Update: 33	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: No Update Planned

BROWNFIELDS 2: Brownfields Public Record Listing

The Brownfields program provides a means for private parties and government entities to voluntarily investigate and if warranted, clean up properties that may be contaminated with hazardous wastes. The formal Brownfields Program provides specific state liability relief and protects the property from federal Superfund actions.

Date of Government Version: 09/12/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/09/2023	Telephone: 405-702-5100
Date Made Active in Reports: 02/06/2024	Last EDR Contact: 05/09/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/11/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/12/2024	Telephone: 202-566-2777
Date Made Active in Reports: 05/10/2024	Last EDR Contact: 06/11/2024
Number of Days to Update: 59	Next Scheduled EDR Contact: 09/23/2024
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facilities

A listing of recycling facility locations.

Date of Government Version: 07/10/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/14/2022	Telephone: 405-702-5100
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 04/11/2024
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/22/2024
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 04/22/2024
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/05/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/15/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/19/2024
Next Scheduled EDR Contact: 08/04/2024
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Underground Storage Tank List, List II Version

This underground storage tank listing includes tank information through March 2003. This listing is no longer updated by the Oklahoma Corporation Commission.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/21/2003
Date Data Arrived at EDR: 04/28/2003
Date Made Active in Reports: 05/27/2003
Number of Days to Update: 29

Source: Oklahoma Corporation Commission
Telephone: 405-521-3107
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: 04/19/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/22/2024
Date Data Arrived at EDR: 06/03/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

OK COMPLAINT: Oklahoma Complaint System Database

Environmental complaints reported to the Oklahoma Corporation Commission.

Date of Government Version: 06/30/2023
Date Data Arrived at EDR: 02/14/2024
Date Made Active in Reports: 05/07/2024
Number of Days to Update: 83

Source: Oklahoma Conservation Commission
Telephone: 405-521-4828
Last EDR Contact: 05/03/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Annually

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 214-665-6444
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/30/2024
Date Data Arrived at EDR: 02/13/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 51

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/14/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 04/11/2024
Number of Days to Update: 239	Next Scheduled EDR Contact: 07/22/2024
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 04/04/2024
Number of Days to Update: 574	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 05/09/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/18/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/19/2024	Telephone: 202-566-1917
Date Made Active in Reports: 06/20/2024	Last EDR Contact: 06/17/2024
Number of Days to Update: 93	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 04/29/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/02/2024
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 06/13/2024
Number of Days to Update: 283	Next Scheduled EDR Contact: 09/23/2024
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2022	Source: EPA
Date Data Arrived at EDR: 11/13/2023	Telephone: 202-566-0250
Date Made Active in Reports: 02/07/2024	Last EDR Contact: 05/16/2024
Number of Days to Update: 86	Next Scheduled EDR Contact: 08/26/2024
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/16/2024	Source: EPA
Date Data Arrived at EDR: 01/17/2024	Telephone: 202-564-4203
Date Made Active in Reports: 03/27/2024	Last EDR Contact: 04/17/2024
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/22/2024	Source: EPA
Date Data Arrived at EDR: 06/03/2024	Telephone: 703-416-0223
Date Made Active in Reports: 06/26/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/09/2024
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/08/2024	Telephone: 202-564-8600
Date Made Active in Reports: 04/04/2024	Last EDR Contact: 04/15/2024
Number of Days to Update: 56	Next Scheduled EDR Contact: 07/29/2024
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-6023
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 06/03/2024
Number of Days to Update: 16	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 04/04/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/26/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/14/2024
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/16/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 57

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 04/15/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/28/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/28/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/02/2024
Next Scheduled EDR Contact: 08/12/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/21/2024
Next Scheduled EDR Contact: 10/07/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/23/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2024
Date Data Arrived at EDR: 04/19/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/26/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 04/04/2024
Number of Days to Update: 546	Next Scheduled EDR Contact: 07/15/2024
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023	Source: Department of Energy
Date Data Arrived at EDR: 03/03/2023	Telephone: 202-586-3559
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 04/26/2024
Number of Days to Update: 98	Next Scheduled EDR Contact: 08/12/2024
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 05/16/2024
Number of Days to Update: 74	Next Scheduled EDR Contact: 08/26/2024
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/22/2024	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2024	Telephone: 703-603-8787
Date Made Active in Reports: 06/24/2024	Last EDR Contact: 06/03/2024
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2024
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 43

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 04/04/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/23/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/18/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 79

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/13/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/22/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/09/2024
Date Data Arrived at EDR: 02/27/2024
Date Made Active in Reports: 05/24/2024
Number of Days to Update: 87

Source: EPA
Telephone: (214) 665-2200
Last EDR Contact: 05/29/2024
Next Scheduled EDR Contact: 09/09/2024
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/17/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/28/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/08/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/17/2024
Next Scheduled EDR Contact: 09/02/2024
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/12/2024
Date Data Arrived at EDR: 02/13/2024
Date Made Active in Reports: 04/04/2024
Number of Days to Update: 51

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/14/2024
Next Scheduled EDR Contact: 08/26/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/22/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 04/05/2024
Next Scheduled EDR Contact: 07/15/2024
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/27/2024
Next Scheduled EDR Contact: 10/14/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 04/16/2024
Next Scheduled EDR Contact: 07/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS: PFAS Contamination Site Location Listing

A listing of sites where PFAS contaminants has been detected to date.

Date of Government Version: 10/01/2022	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/10/2023	Telephone: 405-702-5100
Date Made Active in Reports: 03/28/2023	Last EDR Contact: 06/21/2024
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/07/2024
	Data Release Frequency: Varies

AIRS: Permitted AIRS Facility Listing

A listing of permitted AIRS facility locations.

Date of Government Version: 03/18/2024	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/19/2024	Telephone: 405-702-4100
Date Made Active in Reports: 06/12/2024	Last EDR Contact: 06/14/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

ASBESTOS: Asbestos Notification

Asbestos project site locations

Date of Government Version: 12/28/2023	Source: Department of Labor
Date Data Arrived at EDR: 12/28/2023	Telephone: 405-521-6467
Date Made Active in Reports: 03/21/2024	Last EDR Contact: 06/26/2024
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facilities

A listing of drycleaner facility locations.

Date of Government Version: 03/18/2024	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/19/2024	Telephone: 405-702-9100
Date Made Active in Reports: 06/12/2024	Last EDR Contact: 06/14/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/30/2024
	Data Release Frequency: Quarterly

FIN ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information.

Date of Government Version: 07/25/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/06/2014	Telephone: 405-702-5105
Date Made Active in Reports: 01/13/2015	Last EDR Contact: 05/03/2024
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: No Update Planned

FIN ASSURANCE 2: Financial Assurance Information Listing

Financial Assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/10/2013	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/12/2013	Telephone: 405-702-5100
Date Made Active in Reports: 01/24/2014	Last EDR Contact: 05/03/2024
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/19/2024
	Data Release Frequency: No Update Planned

TIER 2: Tier 2 Data Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/07/2021	Telephone: 405-702-1000
Date Made Active in Reports: 08/31/2021	Last EDR Contact: 06/06/2024
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/16/2024
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: Underground Injection Wells Database Listing

Class I injection wells. CLASS I wells are used to inject liquid hazardous and non-hazardous wastes beneath the lower most Underground Sources of Drinking Water (USDW).

Date of Government Version: 12/15/2023
Date Data Arrived at EDR: 01/11/2024
Date Made Active in Reports: 03/29/2024
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 405-702-5188
Last EDR Contact: 04/10/2024
Next Scheduled EDR Contact: 07/22/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Semi-Annually

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as e-Manifest, will modernize the nation's cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 04/18/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 06/07/2024
Next Scheduled EDR Contact: 09/30/2024
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 06/04/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oklahoma.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oklahoma.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/20/2014
Number of Days to Update: 203

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Oklahoma Corporation Commission in Oklahoma.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/27/2013
Number of Days to Update: 179

Source: Oklahoma Corporation Commission
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/06/2024
Date Made Active in Reports: 04/25/2024
Number of Days to Update: 79

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/07/2024
Next Scheduled EDR Contact: 08/19/2024
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/25/2024
Next Scheduled EDR Contact: 08/05/2024
Data Release Frequency: Quarterly

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2024
Next Scheduled EDR Contact: 09/16/2024
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers

Source: Department of Human Services
Telephone: 405-521-3561

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Consider and approve a resolution to amend the unsheltered homeless task force to address the rise in unsheltered homelessness and associated issues in the City of Bartlesville.

Attachments:

- Resolution
- Original Resolution

II. STAFF COMMENTS AND ANALYSIS

At our regular meeting in November 2024, the City Council passed a resolution creating the Unsheltered Homeless Task Force. The resolution specified the makeup of the committee. Mr. Kirkpatrick and I reviewed the applications and have a recommendation to the City Council for the members of this committee. However, during the process of selecting the members, there were two individuals who did not specifically meet the criteria laid out in the original resolution that we would like to add. They are Councilmember East and Christy McPhail.

Both of these individuals have expressed an interest in being part of the committee, but for different reasons, there was not a spot on the committee for either. In the case of Mr. East, Mr. Kirkpatrick is already filling the role of Council liaison. For Mrs. McPhail, she runs B the Light with her husband, Keith McPhail. Both of them are interested in serving, but there was only room on the committee for one of them.

Councilmember Kirkpatrick is proposing to add both of these individuals as non-voting members to ensure that no organization represented on the committee receives more than one vote. The amended Section 3 of Resolution #3722 will read (changes highlighted):

3. This task force shall be comprised of thirteen (13) voting members and **three (3)** non-voting members who meet the following criteria, and who shall be appointed by the City Council to serve for the entire term of this task force. A member may meet one or more of these criteria.
 - a. City Manager or designee (non-voting staff liaison).
 - b. **Community member with knowledge, training, or experience that is relevant the task force's mission (non-voting advisor).**
 - c. Two City Councilmembers. (1 voting and **1 non-voting**).
 - d. One ex-officio member of OK House or Senate.
 - e. One mental health professional with experience serving Bartlesville's unsheltered population.
 - f. One medical professional with experience serving Bartlesville's unsheltered population.

- g. One law enforcement official with experience addressing criminal and safety issues related to Bartlesville's unsheltered population.
- h. One nonprofit expert with experience serving Bartlesville's local unsheltered population.
- i. One church representative with experience serving Bartlesville's local unsheltered population.
- j. One local business owner whose place of business is adversely affected by Bartlesville's unsheltered population.
- k. One citizen whose primary residence is adversely affected by Bartlesville's unsheltered population.
- l. One representative from Bartlesville public school system who is familiar with the issues related to homelessness in our schools.
- m. One person who has experienced homelessness in Bartlesville.
- n. One veteran who is knowledgeable about homelessness among veterans.
- o. At least one at-large representative with knowledge, training, or experience that is relevant the task force's mission.

Please schedule this item for consideration and possible action at our regularly scheduled October meeting.

III. RECOMMENDED ACTION

Review and approve the attached resolution.

Resolution #3726

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY BARTLESVILLE
AMENDING THE UNSHELTERED HOMELESS TASK FORCE AS
ESTABLISHED WITH RESOLUTION #3722.**

WHEREAS, the Council wishes to add two non-voting, advisory positions to the make-up of this committee to add additional expertise and experience without altering the voting authority of the original committee; and

WHEREAS, the Council wishes to appoint the members to this task force.

**NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE
CITY OF BARTLESVILLE, THAT:**

Section 3 of Resolution #3722 be amended to read:

3. This task force shall be comprised of thirteen (13) voting members and three (3) non-voting members who meet the following criteria, and who shall be appointed by the City Council to serve for the entire term of this task force. A member may meet one or more of these criteria.
 - a. City Manager or designee (non-voting staff liaison).
 - b. Community member with knowledge, training, or experience that is relevant the task force's mission (non-voting advisor).
 - c. Two City Councilmembers. (1 voting and 1 non-voting).
 - d. One ex-officio member of OK House or Senate.
 - e. One mental health professional with experience serving Bartlesville's unsheltered population.
 - f. One medical professional with experience serving Bartlesville's unsheltered population.
 - g. One law enforcement official with experience addressing criminal and safety issues related to Bartlesville's unsheltered population.
 - h. One nonprofit expert with experience serving Bartlesville's local unsheltered population.
 - i. One church representative with experience serving Bartlesville's local unsheltered population.
 - j. One local business owner whose place of business is adversely affected by Bartlesville's unsheltered population.

- k. One citizen whose primary residence is adversely affected by Bartlesville's unsheltered population.
- l. One representative from Bartlesville public school system who is familiar with the issues related to homelessness in our schools.
- m. One person who has experienced homelessness in Bartlesville.
- n. One veteran who is knowledgeable about homelessness among veterans.
- o. At least one at-large representative with knowledge, training, or experience that is relevant the task force's mission.

That the following individuals be appointed to the Unsheltered Homeless Task Force.

- a. Mike Bailey, City Manager
- b. Christy McPhail, Non-Voting Community Member
- c. Aaron Kirkpatrick, Voting Councilmember
Larry East, Non-Voting Councilmember
- d. Judd Strom, OK House Representative
- e. Rachel Showler, Mental Health Professional
- f. Amber Vieux, Medical Professional
- g. Sierra Compton, Law Enforcement Official
- h. Keith McPhail, Nonprofit Expert
- i. Errol Hada, Church Representative
- j. Tom Gorman, Local Business Owner
- k. Sherri Smith, Citizen
- l. Sarah Rowe, BPS Representative
- m. Dustin Ainesworth, Veteran and Formerly Homeless
- n. *Dusint Ainesworth fills requirements for m. and n.*
- o. Alan Gentges, At Large
Lisa Cary, At Large

PASSED AND APPROVED at a regular meeting of the City Council of the City of Bartlesville, Oklahoma, held the 6th day of January 2025.

City of Bartlesville

Mayor

ATTEST:

City Clerk

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY BARTLESVILLE
CREATING THE UNSHELTERED HOMELESS TASK FORCE TO
ADDRESS THE RISE IN UNSHELTERED HOMELESSNESS AND
ASSOCIATED ISSUES IN THE CITY OF BARTLESVILLE.**

WHEREAS, there has been a notable increase in unsheltered, homeless persons in Bartlesville; and

WHEREAS, there has been a corresponding increase in vandalism and public safety concerns, leading to increased public space maintenance costs and decreased utilization by the general public; and

WHEREAS, the City Council wishes to address the issue of homelessness, particularly the most severe form of homelessness, unsheltered homelessness, in a responsible and proactive manner; and

WHEREAS, the challenge of homelessness is multifaceted and requires unique strategies specific to each community; and

WHEREAS, the City Council believes that a diverse, cross disciplinary task force is best suited to devise solutions to address the challenges of homelessness; and

WHEREAS, the City Council passed a resolution on October 7, 2024 directing the City Manager to develop a plan for a task force.

**NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE
CITY OF BARTLESVILLE, THAT:**

1. The Unsheltered Homeless Task Force is hereby created.
2. This task force shall be an official time-limited committee of the City Council and shall be subject to all laws and rules relating to Open Meetings and Open Records.
3. This task force shall be comprised of thirteen (13) voting members and one (1) non-voting member who meet the following criteria, and who shall be appointed by the City Council to serve for the entire term of this task force. A member may meet one or more of these criteria.

- a. City Manager or designee (non-voting staff liaison).
 - b. One City Councilmember.
 - c. One ex-officio member of OK House or Senate.
 - d. One mental health professional with experience serving Bartlesville's unsheltered population.
 - e. One medical professional with experience serving Bartlesville's unsheltered population.
 - f. One law enforcement official with experience addressing criminal and safety issues related to Bartlesville's unsheltered population.
 - g. One nonprofit expert with experience serving Bartlesville's local unsheltered population.
 - h. One church representative with experience serving Bartlesville's local unsheltered population.
 - i. One local business owner whose place of business is adversely affected by Bartlesville's unsheltered population.
 - j. One citizen whose primary residence is adversely affected by Bartlesville's unsheltered population.
 - k. One representative from Bartlesville public school system who is familiar with the issues related to homelessness in our schools.
 - l. One person who has experienced homelessness in Bartlesville.
 - m. One veteran who is knowledgeable about homelessness among veterans.
 - n. At least one at-large representative with knowledge, training, or experience that is relevant to the task force's mission.
4. This task force's term shall be for six (6) months, reporting bi-monthly (every two months) to the City Council, and shall meet at least monthly during this term.
 5. The task force shall devise solutions through collaboration with local agencies that are balanced, compassionate, evidence-based, and fiscally responsible, with a focus on improving outcomes for both the unsheltered population and the broader community. The task force shall identify strategies and, if necessary, potential funding sources that are focused on the following goals.

- a. **Primary Goal:** Reduction in the unsheltered homeless population in Bartlesville.
 - b. **Secondary Goals:**
 - i. Reduce vandalism, littering, and other illegal acts associated with the unsheltered homeless population.
 - ii. Increase confidence in public safety of and increase utilization of public spaces by addressing concerns linked to homelessness.
 - iii. Address public health concerns while improving conditions and outcomes for unsheltered individuals.
 - c. **Tertiary Goal:** Determine the value of an ongoing committee once the task force accomplishes its purpose and make an appropriate recommendation.
6. Metrics shall be devised to measure success, including reductions in unsheltered population, public perception, and enhanced public space usage.

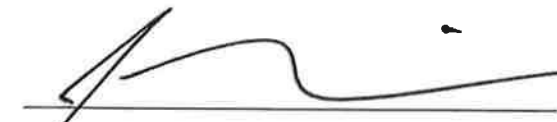
PASSED AND APPROVED at a regular meeting of the City Council of the City of Bartlesville, Oklahoma, held the 5th day of November 2024.

City of Bartlesville



Mayor

ATTEST:



City Clerk



QUESTIONNAIRE FOR UNSHELTERED TASK FORCE APPLICANTS

Has the rise in Bartlesville's unsheltered, homeless population impacted you in the last 3 years? If so, please describe. (250 words or less)

Do you have experience serving unsheltered, homeless individuals? If so, please describe. (250 words or less)

Do you have relevant experience, training, or education that would benefit this task force? If so, please describe. (250 words or less)

What role, if any, do you believe the City of Bartlesville should serve in reducing the unsheltered, homeless population in Bartlesville? (250 words or less)

What outcomes would you like to see this task force accomplish? (250 words or less)

Hypothetically, if there were no limit to the resources available to reduce the unsheltered, homeless population in Bartlesville, what do you believe would be the most effective solution? (250 words or less)