

NOTICE
GLENPOOL CITY COUNCIL
MEETING

A Regular Session of the Glenpool City Council will be held at 6:00 p.m. on Monday, February 3, 2014, at Glenpool City Hall, 3rd Floor, 12205 S. Yukon Ave., P.O. Box 70, Glenpool, Oklahoma.

The City Council welcomes comments from citizens of Glenpool who wish to address any item on the agenda. Speakers are requested to complete one of the forms located on the agenda table and return to the City Clerk PRIOR TO THE CALL TO ORDER.

AGENDA

- A. Call to Order
- B. Roll call, declaration of quorum
- C. Invocation
- D. Pledge of Allegiance
- E. Reading of Proclamation - Mayor Ceesay
- F. Scheduled Business
 - 1. Discussion and possible action to approve minutes from January 13, and January 23, 2014 meetings.
 - 2. Discussion and possible action to authorize Councilor Tommy Carner to attend ICSC in Las Vegas, NV, May 18-20, 2014 and pay all business related expenses.
(Tommy Carner, Councilor)
 - 3. Discussion and possible action to authorize City Manager to attend ICSC in Las Vegas, NV, May 18-20, 2014 and pay all business related expenses.
(Dennis Waller, Interim City Manager)
 - 4. Discussion and possible action to approve and accept the General Utility Easement dedication from Glenpool Real Estate Investment Partners, L.L.C.
(Lynn Burrow, Community Development Director)
 - 5. Discussion and possible action to approve and accept the Temporary Overland Drainage Easement dedication from Glenpool Real Estate Investment Partners, L.L.C.
(Lynn Burrow, Community Development Director)

City of Glenpool
City Council Agenda
Regular Session
February 3, 2014
Page Two

6. Discussion and possible action to approve and accept the Utility Easement dedication from East Park Developers, L.L.C.
(Lynn Burrow, Community Development Director)
7. Discussion and possible action to approve and accept the General Drainage Easement dedication from East Park Developers, L.L.C.
(Lynn Burrow, Community Development Director)
8. Discussion and possible action to approve and accept the General Utility Easement dedication from East Park Developers, L.L.C.
(Lynn Burrow, Community Development Director)
9. Discussion and possible action to approve and accept the Temporary Overland Drainage Easement dedication from Phyllis E. and Michael T. Huse.
(Lynn Burrow, Community Development Director)
10. Discussion and possible action to approve and accept the General Utility Easement dedication from Michael Huse and Phyllis Huse.
(Lynn Burrow, Community Development Director)
11. Discussion and possible action to approve and accept the Storm Water Detention Easement dedication from Marty and Anita Gordy-Watkins.
(Lynn Burrow, Community Development Director)
12. Discussion and possible action to approve and accept the General Storm Sewer Easement dedication from Marty and Anita Gordy-Watkins.
(Lynn Burrow, Community Development Director)
13. Discussion and possible action to enter into the record of City Council proceedings a formal disavowal of certain public statements made by a member of the Council and request for compliance by such member with Section 15 of the Code of Ethics and Policy Statement for Elected and Appointed Officials of the City of Glenpool, as adopted and amended.
(Tommy E. Carner, Councilor)

- G. Other Public Comments
- H. City Manager Report - Dennis Waller, Interim
- I. Mayor Report - Momodou Ceesay, Mayor

City of Glenpool
City Council Agenda
Regular Session
February 3, 2014
Page Three

J. Adjournment

This notice and agenda was posted at the Glenpool City Hall, 12205 S. Yukon Ave., Glenpool, Oklahoma, on _____, 2014.

Signed: _____
City Clerk

MINUTES

CITY COUNCIL MEETING

January 13, 2014

The Regular Session of the Glenpool City Council was held at 6:00 p.m., Glenpool City Hall, 3rd Floor, 12205 S. Yukon Ave, Glenpool, Oklahoma. Councilors present were: Momodou Ceesay, Mayor; Alyce Korb, Vice-Mayor; Tim Fox, Councilor; Patricia Agee, Councilor and Tommy Carner, Councilor.

Staff present was: Lowell Peterson, City Attorney; Susan White, City Clerk; Charles Barnes, Finance Director; Lynn Burrow, Community Development Director; Rick Malone, City Planner and Dennis Waller, Chief of Police. David Tillotson, Assistant City Manager was absent.

Also present was: Jennifer Cook, Glenpool Chamber of Commerce.

A. Mayor Ceesay called the meeting to order at 6:00 p.m.

B. Susan White, City Clerk called the roll. Mayor Ceesay declared a quorum present.

C. Jason Yarbrough, First Baptist Church offered the Invocation.

D. Mayor Ceesay led the Pledge of Allegiance.

E. Scheduled Business

- 1. Discussion and possible action to approve minutes from December 16, December 19, 2013 and January 6, 2014.**

MOTION: Councilor Carner moved, second by Vice Mayor Korb to approve minutes as presented.

FOR: Councilor Fox; Councilor Agee; Councilor Carner; Vice-Mayor Korb; Mayor Ceesay

AGAINST: None

Motion carried.

- 2. Discussion and possible action to appoint Shayne Buchanan to the Glenpool Board of Adjustment and Planning Commission.**

Mayor Ceesay submitted Shayne Buchanan as a possible appointment to fill vacancies on the Glenpool Board of Adjustment and Planning Commission. Mrs. Joyce Calvert formally requested to address the Council, and was granted the opportunity to speak by Mayor Ceesay. Mrs. Calvert offered her opinion in favor of Mr. Buchanan's appointment. Councilor Carner questioned the process currently administered to fill vacant positions. Lowell Peterson, City Attorney explained that the appointment must be ratified by the Council. He further explained that Councilors could nominate other candidates if they desired. Following discussion, no other candidates were nominated therefore Mayor Ceesay called for a motion.

MOTION: Vice Mayor Korb moved, second by Councilor Agee to appoint Shayne Buchanan to the Board of Adjustment and Planning Commission.

FOR: Councilor Agee; Councilor Fox; Vice-Mayor Korb; Mayor Ceesay

AGAINST: Councilor Carner.

Motion carried.

3. **Discussion and possible action to authorize Mayor Momodou Ceesay to attend ICSC in Las Vegas, NV, May 18-20, 2014 and pay all business related expenses.**

MOTION: Councilor Agee moved, second by Vice Mayor Korb to authorize Mayor Ceesay's attendance at the 2014 ICSC, Las Vegas, Nevada and payment of business related expenses.

FOR: Councilor Carner; Councilor Fox; Councilor Agee; Vice-Mayor Korb; Mayor Ceesay

AGAINST: None.

Motion carried.

4. **Discussion and possible action to pay State Auditor and Inspector invoice for \$35,000.**

Charles Barnes, Finance Director reminded the Council that the invoice had been presented to council for payment on two previous occasions. Each time it was denied. Mr. Barnes went on to explain that Gary Jones, State Auditor had agreed to abate \$3,500 in penalties and interest if the payment was received in his office by the following Wednesday.

Councilor Tim Fox read a statement outlining his objections to payment of the presented invoice. A synopsis of his comments reflect a dissatisfaction for the current applied processes to obtain and verify petitioner's signatures; and a submission that the audit report was neither fair, thorough or complete as represented in the following quote, "I believe that the 90%, who didn't petition, have a right to expect the State Auditor's office to give a fair, thorough and complete audit, if our tax dollars are going to pay for it. In my investigation into the State Auditor's report and conversations that I've had with Gary Jones, State Auditor, on the subject, I don't believe that Glenpool received a fair, thorough and complete investigative audit." Councilor Fox did commend the auditor for pointing out the accurate indebtedness of the city, thereby proving the rumored debt of ninety-five million, which has been commonly asserted by a Glenpool citizen, to be erroneous.

Vice Mayor Korb asked Mr. Barnes about the potential consequences of not paying the invoice. He informed her that it could eventually result in a summary judgment, and property taxes assessed on all Glenpool property owners to pay the accumulated charges. Councilor Fox asked Mr. Barnes about the possibility of making fourteen monthly payments, the equivalent number of months consumed during the investigation. Mr. Barnes replied that Mr. Gary Jones would have to make that determination.

Mayor Ceesay encouraged the audience to be more aware of the ramifications, benefits or outcomes of decisions they make, alluding to the \$35,000 cost of the audit.

MOTION: Councilor Agee moved, second by Councilor Carner to approve and authorize \$35,000 payment to the Oklahoma State Auditor and Inspector for the performance of the petition audit.

FOR: Councilor Agee; Councilor Carner; Vice Mayor Korb; Mayor Ceesay

AGAINST: Councilor Fox

Motion carried.

5. **Discussion and possible action to adjourn into Executive Session.**

MOTION: Councilor Carner moved, second by Councilor Agee to adjourn into Executive Session for the purpose demonstrated in Item Six of this agenda.

FOR: Councilor Agee; Councilor Carner; Councilor Fox; Vice Mayor Korb; Mayor Ceesay

AGAINST: None

Motion carried.

6. **Executive Session for the following purpose:**

Discussing the possible employment, hiring or appointment of an Interim City Manager, pursuant to Title 25, Sec. 307(B)(1) of the Oklahoma Statutes (Open Meeting Act)

The Council convened into Executive Session at 6:22 p.m.

7. Discussion and possible action to reconvene into Regular Session.

MOTION: Councilor Agee moved, second by Councilor Carner to reconvene in Regular Session at 7:22 p.m.

FOR: Councilor Carner, Councilor Fox, Councilor Agee, Vice Mayor Korb; Mayor Ceesay

AGAINST: None

Motion Carried.

8. Discussion and possible action to appoint an Interim City Manager.

MOTION: Councilor Agee moved, second by Councilor Carner to appoint Police Chief Dennis Waller as Interim City Manager to include a stipend of \$2,000 per month, until such time that a permanent City Manager is appointed.

FOR: Councilor Agee; Councilor Carner; Vice-Mayor Korb; Mayor Ceesay

AGAINST: Councilor Fox

Motion carried.

F. Other Public Comments

- None

G. Chamber of Commerce Report - Jennifer Cook, President

- Miss Cook reported on recent events, including the Christmas parade and Golden Ticket contest. She also informed the Council members that she had updated the commercial property listing. The document is provided to companies seeking to locate in Glenpool.

H. Mayor's Report

- Mayor Ceesay thanked Pastor Jason Yarbrough for offering the invocation for tonight's meeting.
- Mayor Ceesay announced the retirement of City Manager Ed Tinker and that Assistant City Manager David Tillotson had accepted a position with the City of Catoosa as City Manager. He offered well wishes to each. He asked the staff to support Dennis Waller as Interim. Mayor Ceesay concluded his report by expressing his thanks to the audience for attending, stating, "It shows you are engaged."
- Councilor Fox read a statement demonstrating his support for Mr. Tinker and Mr. Tillotson. He recited a long list of accomplishments achieved during the tenure of Tinker and Tillotson. Councilor Fox expressed his gratitude to both men and concluded his comments with the following statement, "With the Vision Meetings that are taking place, I'm convinced Glenpool's brightest days are ahead, if we can stop the negative and decisiveness that Glenpool has been infected with." His comments were met with applause from the audience.

I. Adjournment

Meeting was adjourned at 7:34 p.m.

City of Glenpool
City Council Meeting
Minutes
January 13, 2014
Page Four

Date

Mayor

ATTEST:

City Clerk

**MINUTES
CITY COUNCIL
SPECIAL MEETING
January 23, 2014**

The Special Session of the Glenpool City Council was held at 7:00 p.m., Glenpool City Hall, 3rd Floor, 12205 S. Yukon Ave, Glenpool, Oklahoma. Councilors present were: Momodou Ceesay, Mayor; Alyce Korb, Vice-Mayor; Tim Fox, Councilor; Patricia Agee, Councilor and Tommy Carner, Councilor.

Staff present was: Dennis Waller, Interim City Manager; Lowell Peterson, City Attorney and Debbie Pengelly, Human Relations Director. Susan White, City Clerk and Charles Barnes, Finance Director were absent.

A. Mayor Ceesay called the meeting to order at 7:01 p.m.

B. Lowell Peterson called the roll. Mayor Ceesay declared a quorum present.

C. Scheduled Business:

1. Discussion and possible action to adjourn into Executive Session.

MOTION: Vice Mayor Korb moved, second by Councilor Agee to adjourn into Executive Session.

FOR: Councilor Fox; Councilor Agee; Councilor Carner; Vice-Mayor Korb; Mayor Ceesay

AGAINST: None

Motion carried.

Council convened into Executive Session at 7:10 p.m.

2. Executive Session for the following purpose:

Discussing the processes to be implemented in the solicitation of applications, interviews of candidates and final selection for employment of a suitable applicant to fill the vacant City Manager position, and a proposed budget for same, pursuant to Title 25, Sec. 307(B)(1) of the Oklahoma Statutes (Open Meeting Act)

3. Discussion and possible action to reconvene into Regular Session.

MOTION: Councilor Agee moved, second by Councilor Carner to reconvene in Regular Session.

FOR: Councilor Agee; Councilor Carner; Councilor Fox; Vice-Mayor Korb; Mayor Ceesay

AGAINST: None

Motion carried.

Council reconvened in Regular Session at 8:05 p.m.

4. **Discussion and possible action to authorize the solicitation of applications for the position of City Manager by the Interim City Manager, or his designee and to approve expenditures incurred for that purpose up to a designated amount.**

MOTION: Vice Mayor Korb moved, second by Councilor Agee to authorize the solicitation of applications for the position of City Manager by the Interim City Manager, or his designee and to approve expenditures incurred for that purpose up to an amount not to exceed \$3,000.00 and authorizing the Mayor to appoint a preliminary review committee.

FOR: Councilor Carner; Councilor Fox; Councilor Agee; Vice-Mayor Korb; Mayor Ceesay

AGAINST: None

Motion carried.

D. Adjournment

Meeting was adjourned at 8:10 p.m.

Date

Mayor

ATTEST:

City Clerk

MEMORANDUM

TO: HONORABLE MAYOR and CITY COUNCIL

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: ACCEPTANCE: GENERAL UTILITY EASEMENT
DEDICATED BY: GLENPOOL REAL ESTATE INVESTMENT
PARTNERS, LLC**

DATE: JANUARY 27, 2014

BACKGROUND

This item is for Council consideration and action regarding the acceptance of a General Utility Easement, eleven feet (11') in width, granted by Glenpool Real Estate Investment Partners, LLC and dedicated to the City of Glenpool. The easement in question is described and illustrated on the attached survey document which depicts the outer boundary of the property being developed as the second phase of the Glenn Abbey residential subdivision located immediately west of and adjacent to the initial phase of this addition. The attached easement grant document, survey plat (Exhibit "A1"), and legal description (Exhibit "B1") illustrate the configuration and physical location of the proposed easement. As noted, the proposed easement is located immediately south of, and parallel to, the south boundary of the Glenn Abbey Phase II plat. The purpose of this easement is to provide the City (public) and the franchise utility suppliers access to the area described and illustrated in the easement grant documents and to accommodate utility service extensions that may become necessary in the future. It should be noted that the width and location of this proposed utility easement coincides with an easement configuration that will likely be required as part of the future development of the area located immediately south of the Glenn Abbey Phase II property.

Recommendation:

At this time, Staff is asking Council consideration and approval to accept this General Utility Easement dedication from Glenpool Real Estate Investment Partners, LLC.

Attachments:

- A. General Utility Easement
- B. Supporting Documents.

GENERAL UTILITY EASEMENT

KNOWN ALL MEN BY THESE PRESENTS:

That the undersigned, Glenpool Real Estate Investment Partners, LLC, an Oklahoma limited liability company, (GRANTOR), the owner of the legal and equitable title of the following described real estate, fore and in consideration of the sum of TEN DOLLARS (\$10.00), and other good and valuable considerations, the receipt of which is acknowledged, does hereby grant and convey to the City of Glenpool, a Municipal Corporation (GRANTEE), an easement through, over, under and across the following described property:

See Exhibits 'A1' & 'B1' attached herewith:

for the purpose of permitting the installation, use, and maintenance of all public and Private Franchise Utility Service Provider facilities, including public streets and public sidewalks, thereon, through, over, across said property, together with all necessary and convenient appurtenances thereto; and the right to use and maintain the same and affording all such public and private Franchise Utility Service Providers officers, agents, employees, and/or all persons under contract with it, the right to access and enter said premises and strip of land for the purpose of surveying, excavating for, operating, repairing, and the general use and maintenance of all such facilities.

The GRANTEE and Franchise Utility Service Providers are hereby granted the use of said above described premises for the purpose aforesaid and GRANTOR, for itself and its heirs, administrators, successors, and assigns, covenants and agrees that no building or structure will be placed, erected, installed, or permitted upon the above described land; and further covenants and agrees that in the event the terms of this paragraph are violated by the GRANTOR, it's assigns, successors in title, or other persons in privity with it, such violation will be promptly corrected and eliminated immediately upon receipt of notice from the GRANTEE or the GRANTEE shall have the right to remove or otherwise eliminate such violation, and GRANTOR, its heirs, administrators, successors, and assigns, shall promptly pay the actual cost thereof.

TO HAVE AND TO HOLD such easement unto to the GRANTEE, its successors or assigns as aforesaid:

Dated this 31ST day of December, 2013



Glenpool Real Estate Investment Partners, LLC

S.M. MURPHY

Name

[illegible]

Before me, the undersign, a Notary Public, in and for said County and State on this the 31st day of December, 2013, personally appeared

Steve Murphy known to be the identical person who subscribed the name of the maker thereof to the foregoing as its _____ and acknowledge to me that he executed the same as his free will and voluntary act and deed for the uses and purposes there in set forth.

Stephanie Love
Notary Public

Stephanie M. Love
Notary Public - Oklahoma
Commission #07008151
Commission Expires 8/22/2015

My Commission Expires:

8/22/2015

ACCEPTED BY CITY COUNCIL:

City of Glenpool (GRANTEE)
A Municipal Corporation

Date: _____

by: Mayor: Momodou Ceesay

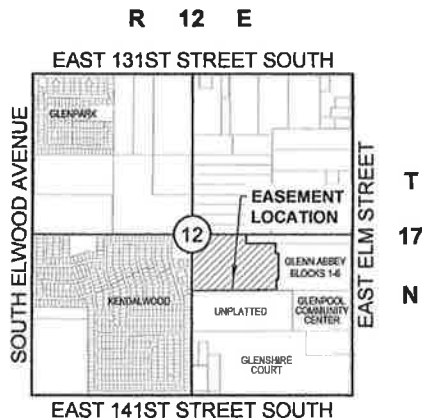
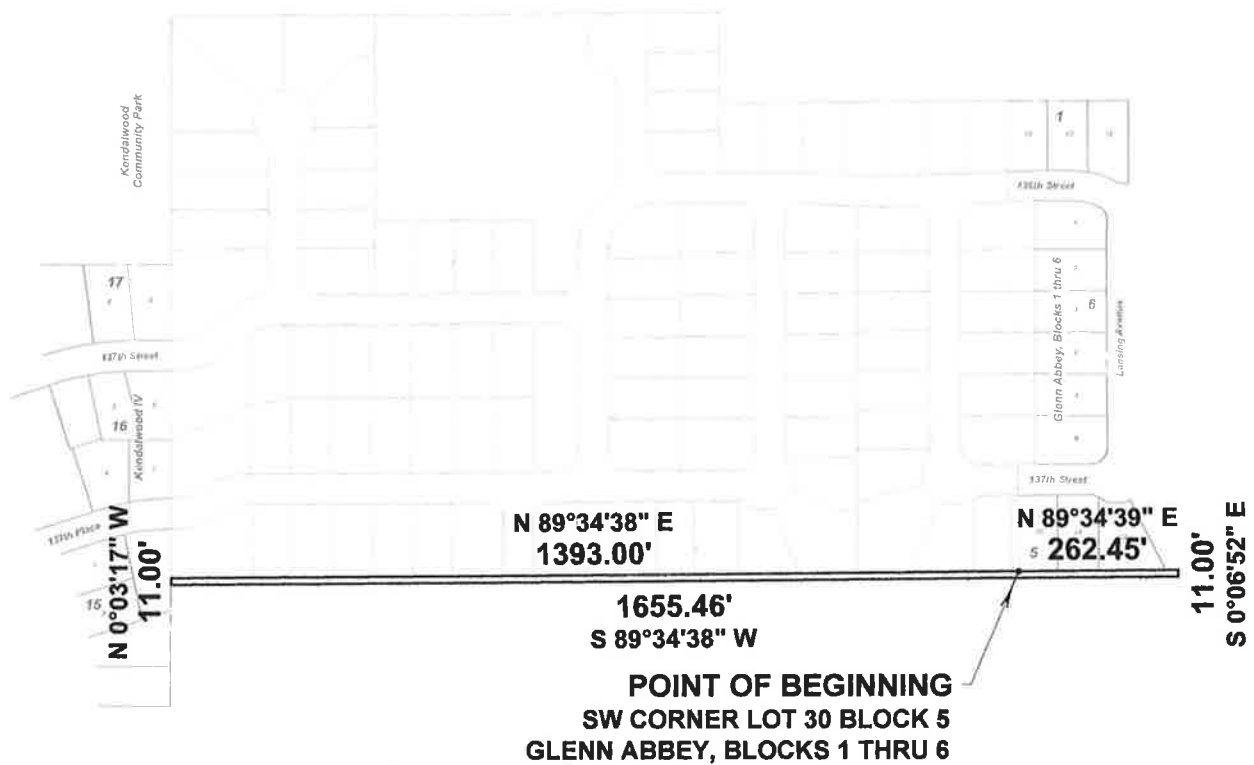
ATTEST:

APPROVED AS TO FORM:

Susan White
City Clerk

Lowell Peterson
City Attorney

EXHIBIT OF LEGAL DESCRIPTION "11 GENERAL UTILITY EASEMENT" (EXHIBIT A1)



SCALE: 1"=3000'

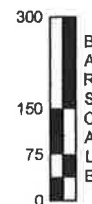


EXHIBIT OF LEGAL DESCRIPTION "11' GENERAL UTILITY EASEMENT" (DESCRIPTION B1)

Legal Description

A TRACT OF LAND IN THE SOUTHEAST QUARTER (SE/4) OF SECTION TWELVE (12), TOWNSHIP SEVENTEEN (17) NORTH, RANGE TWELVE (12) EAST OF THE INDIAN BASE AND MERIDIAN, TULSA COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE U.S. GOVERNMENT SURVEY THEREOF.

MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF GLENN ABBEY, BLOCKS 1 THRU 6, A SUBDIVISION IN THE CITY OF GLENPOOL, TULSA COUNTY, STATE OF OKLAHOMA, RECORDED AS PLAT NO. 6121 AND DOCUMENT NUMBER 2007051131, IN THE OFFICE OF THE TULSA COUNTY CLERK, SAID POINT BEING THE SOUTHWEST CORNER OF LOT 30, BLOCK 5 OF SAID SUBDIVISION; THENCE N 89° 34' 38" E, ALONG THE SOUTH BOUNDARY OF SAID SUBDIVISION, A DISTANCE OF 262.45 FEET, TO THE NORTHWEST CORNER OF THE "GLENPOOL COMMUNITY CENTER"; THENCE S 00° 06' 52" E, ALONG THE WEST LINE OF SAID "GLENPOOL COMMUNITY CENTER", A DISTANCE OF 11.00 FEET; THENCE S 89° 34' 38" W, PARALLEL WITH AND 11.00 FEET SOUTH OF THE SOUTH LINE OF SAID SUBDIVISION, A DISTANCE OF 1655.46 FEET, TO THE WEST LINE OF THE SOUTHEAST QUARTER (SE/4) OF SAID SECTION 17, AND THE EAST LINE OF KENDALWOOD IV, AN ADDITION TO THE CITY OF GLENPOOL, OKLAHOMA, RECORDED AS PLAT NUMBER 4445 IN THE OFFICE OF THE TULSA COUNTY CLERK; THENCE N 00° 03' 17" W, ALONG THE WEST LINE OF SAID SOUTHEAST QUARTER (SE/4) AND THE EAST LINE OF SAID KENDALWOOD IV, A DISTANCE OF 11.00 FEET; THENCE N 89° 34' 38" E A DISTANCE OF 1393.00 FEET, TO THE POINT OF BEGINNING.

SAID TRACT OF LAND CONTAINING 0.4180 ACRES / 18,209.96 SQUARE FEET.

THE BASIS OF BEARINGS FOR SAID TRACT IS N 89° 34' 38" E ALONG THE SOUTH LINE OF GLENN ABBEY, BLOCKS 1 THRU 6, A SUBDIVISION IN THE CITY OF GLENPOOL, TULSA COUNTY, STATE OF OKLAHOMA, RECORDED AS PLAT NUMBER 6121 AND DOCUMENT NUMBER 2007051131, IN THE OFFICE OF THE TULSA COUNTY CLERK.

Surveyor's Statement

I, ALBERT JONES III, CERTIFY THE ATTACHED LEGAL DESCRIPTION CLOSES IN ACCORD WITH EXISTING RECORDS, IS A TRUE REPRESENTATION OF THE GENERAL UTILITY EASEMENT AS DESCRIBED, AND MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING OF THE STATE OF OKLAHOMA.

ATLAS LAND OFFICE, LLC

202 SOUTH MAIN, WAGONER, OK 74467
WWW.ATLASLANDOFFICE.COM
INFO@ATLASLANDOFFICE.COM
CA#6752 EXP. 6-30-2014
PHONE: (918) 485-9987

BY:


ALBERT JONES III
PROFESSIONAL LAND SURVEYOR
OKLAHOMA NO. 1580

11-18-13



MEMORANDUM

TO: HONORABLE MAYOR and CITY COUNCIL

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: ACCEPTANCE: TEMPORARY OVERLAND DRAINAGE EASEMENT
DEDICATED BY: GLENPOOL REAL ESTATE INVESTMENT
PARTNERS, LLC**

DATE: JANUARY 27, 2014

BACKGROUND

This item is for Council consideration and action regarding the acceptance of a Temporary Overland Drainage Easement, generally located contiguous with, and immediately south of, the Phase II subdivision plat of Glenn Abbey Addition. This easement is being granted by Glenpool Real Estate Investment Partners, LLC and is dedicated to the City of Glenpool. The easement in question is described in the attached easement document and survey plat (Exhibits 'A2' & 'B2') which depict the outer boundary of the property being developed as Phase II of Glenn Abbey - located immediately west of the first phase of this overall project. The attached easement grant document and survey plat also illustrate the configuration and physical location of the proposed easement. The purpose of this easement is to provide City (public) access to an area immediately south of the southerly boundary of the Phase II subdivision plat and to accommodate the installation of certain overland drainage improvements within the easement area. City Staff is requiring this easement dedication to also facilitate the construction of certain open drainage channel improvements starting at this location on the south boundary of the addition, extending northerly through the Phase II project, and discharging at the north property line of the project. A drainage diversion swale is to be constructed within this easement that will direct surface run-off along the south boundary of the subdivision discharging into this improved drainage channel. The temporary nature of this easement is predicated upon its replacement by a permanent easement or right-of-way of similar nature and size at the time the development of the property south of the Glenn Abbey tract occurs.

Recommendation:

At this time, Staff is asking Council consideration and approval to accept this Temporary Overland Drainage Easement dedication from Glenpool Real Estate Investment Partners, LLC.

Attachments:

- A. Temporary Overland Drainage Easement
- B. Supporting Documents.

TEMPORARY OVERLAND DRAINAGE EASEMENT

KNOWN ALL MEN BY THESE PRESENTS:

That the undersigned, Glenpool Real Estate Investment Partners, LLC, an Oklahoma limited liability company, (GRANTOR), the owner of the legal and equitable title of the following described real estate, for and in consideration of the sum of TEN DOLLARS (\$10.00), and other good and valuable considerations, the receipt of which is acknowledged, do hereby grant and convey to the City of Glenpool, a Municipal Corporation (GRANTEE), an easement through, over, and across the following described property (Property):

See Exhibits 'A2' & 'B2' attached herewith:

for the purpose of permitting the GRANTEE the exclusive right to access and enter upon said Property for the purpose of constructing and installing an earthen overland drainage swale approximately 15 feet (15') in width and approximately twelve inches (12") in average depth thereon, through, over, or across said Property for the expressed purpose of providing continuous and unobstructed open flow of storm water run-off along and through the Property; together with all necessary and convenient appurtenances thereto; along with the right to use and maintain the same for the purpose of surveying, excavating for, operating, repairing, and maintaining such overland drainage swale.

The GRANTEE is hereby given and granted the use of said above described Property for the purposes aforesaid and GRANTOR, for themselves and their heirs, administrators, successors, and assigns, covenant and agree that no building, structure, fence, wall, or other above ground obstructions will be placed, erected, installed, or permitted upon the above described Property; and further covenant and agree that in the event the terms of this paragraph are violated by the GRANTOR or other persons in privity with it, such violation will be promptly corrected and eliminated immediately upon receipt of notice from the GRANTEE or the GRANTEE shall have the right to remove or otherwise eliminate such violation, and GRANTOR, its heirs, administrators, successors, and assigns, shall promptly pay the actual cost thereof.

TO HAVE AND TO HOLD, occupy, and use the Property described in this Temporary Overland Drainage Easement until such time as it is replaced with a permanent easement of same description and use or the Property described herein becomes a part of a subdivision plat as approved by the City of Glenpool.

Dated this 31ST day of December, 2013



Glenpool Real Estate Investment Partners, LLC

S.M. MURPHY

Name

STATE OF OKLAHOMA)
) ss.
COUNTY OF TULSA)

Before me, the undersign, a Notary Public, in and for said County and State on this the 31st day of December, 2013, personally appeared

Steve Murphy known to be the identical person who subscribed the name of the maker thereof to the foregoing as its _____ and acknowledge to me that he executed the same as his free will and voluntary act and deed for the uses and purposes there in set forth.

Stephanie Love
Notary Public



My Commission Expires:

8/22/2013

ACCEPTED BY CITY COUNCIL:

City of Glenpool (GRANTEE)
A Municipal Corporation

Date: _____

by: _____
Mayor: Momodou Ceesay

ATTEST:

APPROVED AS TO FORM:

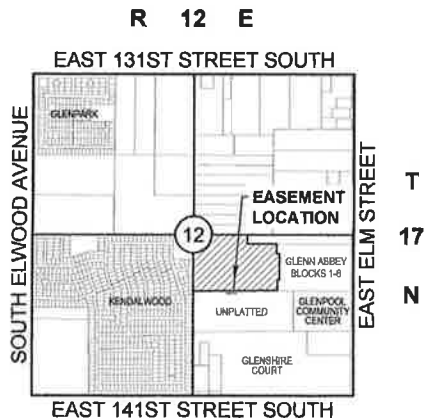
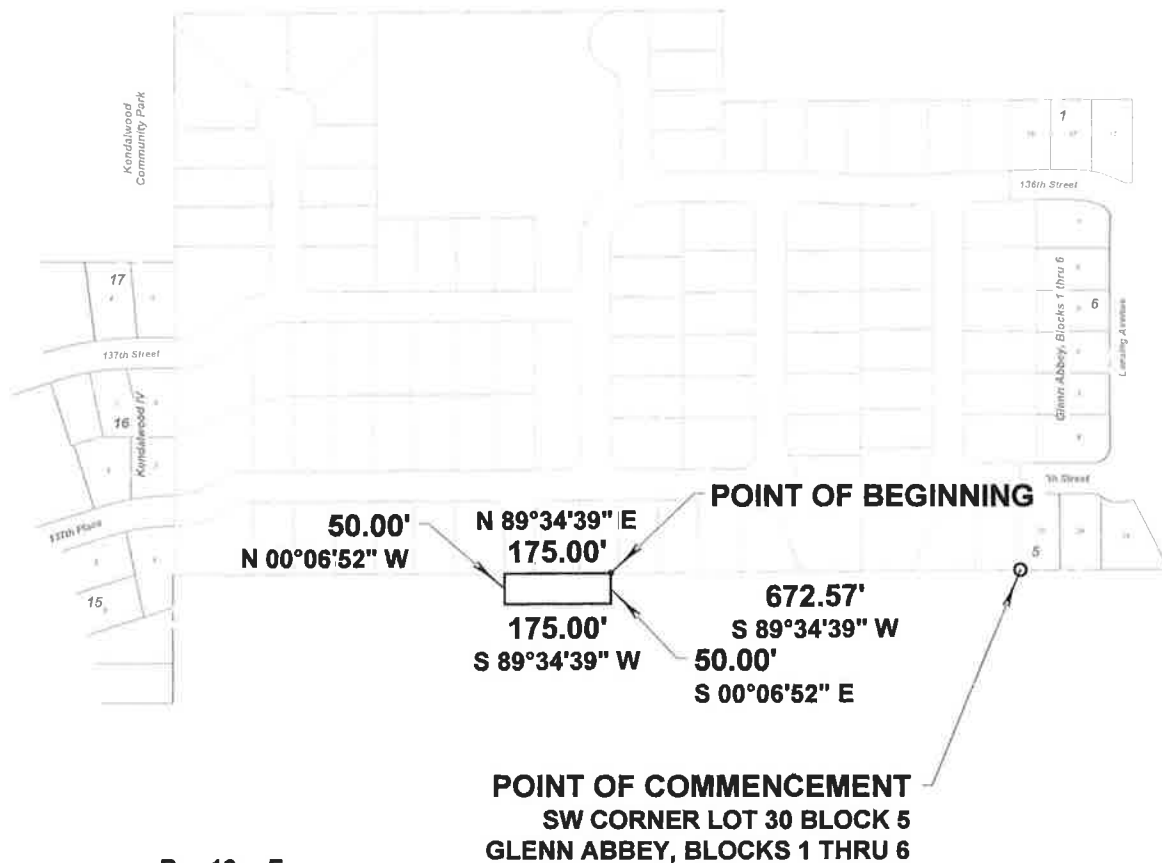
Susan White
City Clerk

Lowell Peterson
City Attorney

EXHIBIT OF LEGAL DESCRIPTION

"TEMPORARY OVERLAND DRAINAGE EASEMENT"

(EXHIBIT A2)



Location Map
 SCALE: 1"=3000'

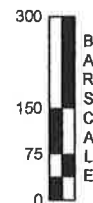


EXHIBIT OF LEGAL DESCRIPTION "TEMPORARY OVERLAND DRAINAGE EASEMENT" (DESCRIPTION B2)

Legal Description

A TRACT OF LAND IN THE SOUTHEAST QUARTER (SE/4) OF SECTION TWELVE (12), TOWNSHIP SEVENTEEN (17) NORTH, RANGE TWELVE (12) EAST OF THE INDIAN BASE AND MERIDIAN, TULSA COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE U.S. GOVERNMENT SURVEY THEREOF.

MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF GLENN ABBEY, BLOCKS 1 THRU 6, A SUBDIVISION IN THE CITY OF GLENPOOL, TULSA COUNTY, STATE OF OKLAHOMA, RECORDED AS PLAT NO. 6121 AND DOCUMENT NUMBER 2007051131, IN THE OFFICE OF THE TULSA COUNTY CLERK, SAID POINT BEING THE SOUTHWEST CORNER OF LOT 30, BLOCK 5, OF SAID SUBDIVISION; THENCE S 89° 34' 38" W A DISTANCE OF 672.57 FEET, TO THE POINT OF BEGINNING; THENCE S 00° 06' 52" E A DISTANCE OF 50.00 FEET; THENCE S 89° 34' 38" W, PARALLEL WITH THE SOUTH LINE OF SAID SUBDIVISION, A DISTANCE OF 175.00 FEET; THENCE N 00° 06' 52" W A DISTANCE OF 50.00 FEET; THENCE N 89° 34' 38" E A DISTANCE OF 175.00 FEET, TO THE POINT OF BEGINNING.

SAID TRACT OF LAND CONTAINING 0.2009 ACRES / 8,750.00 SQUARE FEET.

THE BASIS OF BEARINGS FOR SAID TRACT IS N 89° 34' 38" E ALONG THE SOUTH LINE OF GLENN ABBEY, BLOCKS 1 THRU 6, A SUBDIVISION IN THE CITY OF GLENPOOL, TULSA COUNTY, STATE OF OKLAHOMA, RECORDED AS PLAT NUMBER 6121 AND DOCUMENT NUMBER 2007051131, IN THE OFFICE OF THE TULSA COUNTY CLERK.

Surveyor's Statement

I, ALBERT JONES III, CERTIFY THE ATTACHED LEGAL DESCRIPTION CLOSES IN ACCORD WITH EXISTING RECORDS, IS A TRUE REPRESENTATION OF THE TEMPORARY OVERLAND DRAINAGE EASEMENT AS DESCRIBED, AND MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING OF THE STATE OF OKLAHOMA.

ATLAS LAND OFFICE, LLC

202 SOUTH MAIN, WAGONER, OK 74467
WWW.ATLASLANDOFFICE.COM
INFO@ATLASLANDOFFICE.COM
CA#6752 EXP. 6-30-2014
PHONE: (918) 485-9987

BY:


ALBERT JONES III
PROFESSIONAL LAND SURVEYOR
OKLAHOMA NO. 1580

11.18.13



MEMORANDUM

TO: HONORABLE MAYOR and CITY COUNCIL

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: ACCEPTANCE: GENERAL UTILITY EASEMENT
DEDICATED BY: EAST PARK DEVELOPERS, LLC**

DATE: JANUARY 22, 2014

BACKGROUND

This item is for Council consideration and action regarding the acceptance of a General Utility Easement, varying in width, granted by East Park Developers, LLC and dedicated to the City of Glenpool. The easement in question is described and illustrated on the attached survey document which depicts a portion of the property being developed as the fourth and fifth phases of the Crossing at Glenpool residential subdivision. These phase are generally located immediately east of, and adjacent to, the second phase of this addition. The attached easement grant document and accompanying survey plat illustrate the configuration and physical location of the proposed easement. As noted, the proposed easement is located within the future Phase V tract along, and contiguous with, the common boundary of the Phase IV and Phase V plats. The purpose of this easement is to provide the City (public) and the franchise utility suppliers access to the area described and illustrated in the easement grant documents and to accommodate utility service extensions that are necessary to serve lots in both Phase IV and Phase V of the overall development. It should be noted that the width and location of this proposed utility easement coincides with the easement configuration that will be required as part of the development of Phase V subdivision plat.

Recommendation:

At this time, Staff is asking Council consideration and approval to accept this General Utility Easement dedication from East Park Developers, LLC.

Attachments:

- A. General Utility Easement
- B. Supporting Documents.

GENERAL UTILITY EASEMENT

KNOWN ALL MEN BY THESE PRESENTS:

That the undersigned, East Park Developers, LLC, (Grantor), the owner of the legal and equitable title of the following described real estate, for and in consideration of the sum of TEN DOLLARS (\$10.00), and other good and valuable considerations, the receipt of which is acknowledged, does hereby grant and convey to the Public, an easement through, over and under and across the following described property:

Written Legal Description:

A TRACT OF LAND IN THE SE/4 OF THE SE/4, SECTION 14, T-17-N, R-12-E, TULSA COUNTY, OKLAHOMA: COMMENCING AT THE SOUTHWEST CORNER OF SAID SE/4 OF THE SE/4 AND RUNNING THENCE N01°07'54"W, 1,169.48, FEET; THENCE N88°52'07"E, 538.49 FEET; THENCE N01°07'30"W, 130.00 FEET; THENCE N88°45'38"E, 181.50 FEET; THENCE N01°07'54"W, 50.00 FEET; THENCE N88°45'38"E, 110.00 FEET; TO THE POINT OF BEGINNING; THENCE N01° 07' 54"W, 110.00 FEET; THENCE N88° 45' 38"E, 219.52 FEET; THENCE N01° 07' 30"W, 48.00 FEET; THENCE N88° 45' 40"E, 11.00 FEET; THENCE S01° 07' 30"E, 73.00 FEET; THENCE S88° 45' 40"W, 11.00 FEET; THENCE N01° 07' 30"W, 17.50 FEET THENCE S88° 45' 38"W, 214.52 FEET; THENCE S01° 07' 53"E, 102.50 FEET; THENCE S88° 45' 38"E, 5.00 FEET; TO THE POINT OF BEGINNING; CONTAINING 2,961.92 SQUARE FEET OR 0.068 ACRES, MORE OR LESS.

See Exhibit 'A' attached:

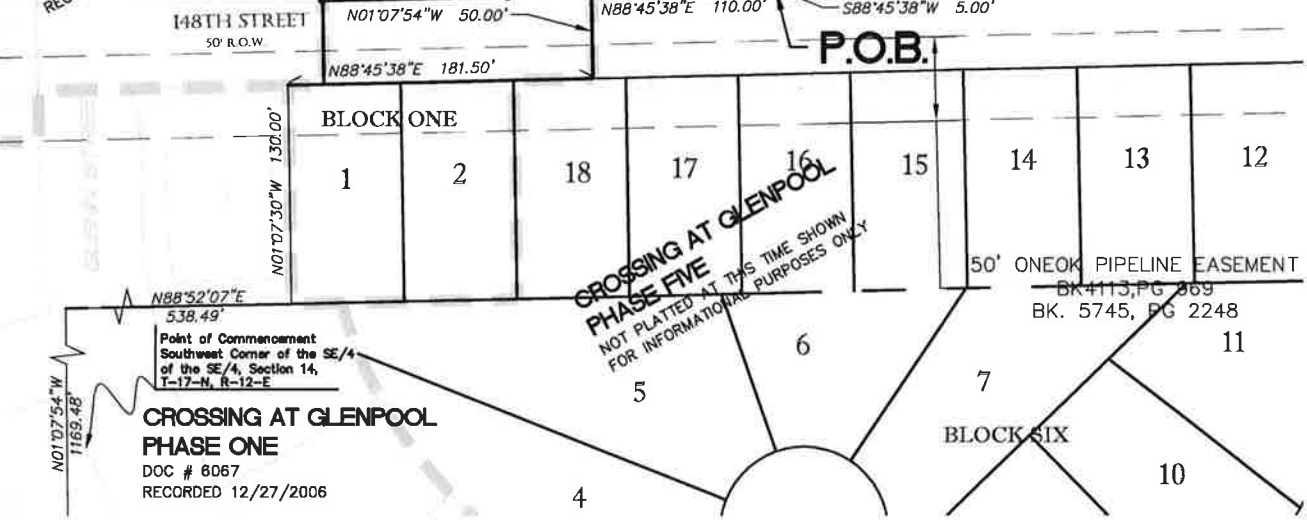
for the purpose of permitting public utility services thereon, through, over, or across said property, together with all necessary and convenient appurtenances thereto; and to use and maintain the same and of affording the service providers officers, agents, employees, and/or all persons under contract with it, access to and the right to enter upon said premises and strip of land for the purpose of surveying, excavating for, operating, repairing, and maintaining of such construction.

The public and franchise utility providers are hereby given and granted the exclusive possession of said above described premises for the purposes aforesaid and Grantor, for itself and its heirs, administrators, successors, and assigns, covenants and agrees that no building, structure, fence, wall, or other above ground obstructions will be placed, erected, installed, or permitted upon the above described land; and further covenants and agrees that in the event the terms of this paragraph are violated by the grantor or other persons in privity with it, such violation will promptly corrected and eliminated immediately upon receipt of notice from the City or Franchisee, or City or Franchisee shall have right to remove or otherwise eliminate such violation, and Grantor, its heirs, administrators, successors, and assigns, shall promptly pay the actual cost thereof.

P:\projects\1398 9\Documents\Offsite Easements\EASEMENT 1.doc

**CROSSING AT GLENPOOL
PHASE TWO**
DOC # 6311
RECORDED 11/20/2009

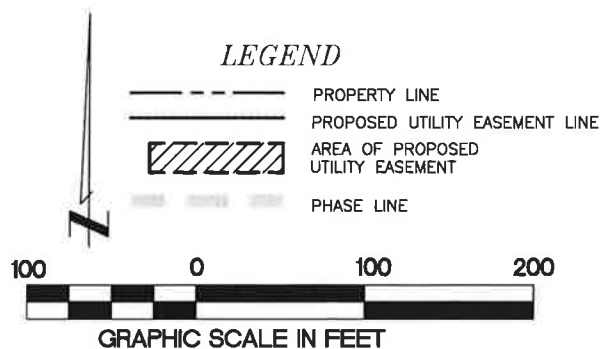
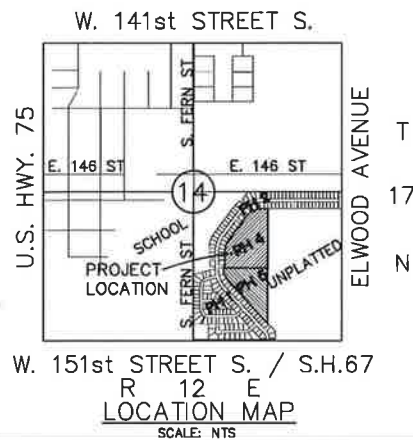
**CROSSING AT GLENPOOL
PHASE FOUR**
NOT PLATTED AT THIS TIME SHOWN
FOR INFORMATIONAL PURPOSES ONLY



**CROSSING AT GLENPOOL
PHASE ONE**
DOC # 8067
RECORDED 12/27/2006

NOTE:
THIS DRAWING IS NOT TO BE
CONSTRUED AS A BOUNDARY
SURVEY

BASIS OF BEARINGS
Bearings Tied to Section and 1/4 Section lines per Final Plat
for The Crossing at Glenpool, Phase 1.



EASEMENT EXHIBIT 'A'	
CROSSING AT GLENPOOL-PH 4 GLENPOOL, OK	
	DRAWN BY: JRG CHECKED BY: KJH
	DATE: 11/25/13
	SCALE: 1" = 100'
	JOB NUMBER: 1398_9
	FILENAME: 1398.9 EASEMENT1.DWG
DESCRIPTION: PT SW/C, SE-1/4, SE-1/4, SEC. 14 T-17-N, R-12-E	SHEET 1 OF 1

MEMORANDUM

TO: HONORABLE MAYOR and CITY COUNCIL

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: ACCEPTANCE: GENERAL DRAINAGE EASEMENT
DEDICATED BY: EAST PARK DEVELOPERS, LLC**

DATE: JANUARY 22, 2014

BACKGROUND

This item is for Council consideration and action regarding the acceptance of a General Drainage Easement, of varying width and configuration, granted by East Park Developers, LLC and dedicated to the City of Glenpool. The easement in question is described and illustrated on the attached easement and survey document (Exhibit 'A') which depicts a portion of property being developed as the fourth and fifth phases of the Crossing at Glenpool residential subdivision. These phases are generally located immediately east of, and adjacent to, the second phase of this addition. The attached easement grant document and accompanying survey plat illustrate the configuration and physical location of the proposed easement. As noted, the proposed easement is located on a small portion of the Phase V project tract and is contiguous with the right of way for Hickory Place being constructed in Phase IV of the overall project. The purpose of this easement is to provide the City (public) access to the area described and illustrated in the easement grant documents and to accommodate the installation and future maintenance of certain storm sewer improvements constructed to serve areas within the Phase IV plat. It should be noted that the location and configuration of this proposed easement grant will be within the future street right-of-way and utility easements granted when the Phase V subdivision plat is finalized and recorded.

Recommendation:

At this time, Staff is asking Council consideration and approval to accept this General Drainage Easement dedication from East Park Developers, LLC.

Attachments:

- A. General Drainage Easement
- B. Supporting Documents.

GENERAL DRAINAGE EASEMENT

KNOWN ALL MEN BY THESE PRESENTS:

That the undersigned, East Park Developers, LLC, (Grantor), the owner of the legal and equitable title of the following described real estate, for and in consideration of the sum of TEN DOLLARS (\$10.00), and other good and valuable considerations, the receipt of which is acknowledged, does hereby grant and convey to the Public, an easement through, over and under and across the following described property:

Written Legal Description:

A TRACT OF LAND IN THE SE/4 OF THE SE/4, SECTION 14, T-17-N, R-12-E, TULSA COUNTY, OKLAHOMA: COMMENCING AT THE SOUTHWEST CORNER OF SAID SE/4 OF THE SE/4 AND RUNNING THENCE N01°07'54"W, 1,169.48, FEET; THENCE N88°52'07"E, 538.49 FEET; THENCE N01°07'30"W, 130.00 FEET; THENCE N88°45'38"E, 181.50 FEET; THENCE N01°07'54"W, 50.00 FEET; THENCE N88°45'38"E, 110.00 FEET; THENCE N01°07'54 W, 110.00 FEET; THENCE N88° 45' 38"E, 219.52 FEET; THENCE N01° 07' 30"W, 111.96 FEET; THENCE IN A NORTHERLY DIRECTION WITH A TANGENT CURVE TO THE RIGHT WITH A RADIUS OF 50.00 FEET, HAVING A CHORD OF N47°17' 22"E, 31.78 FEET, AND AN ARC LENGTH OF 32.34 FEET; THENCE N88° 45' 38"E, 68.10 FEET; TO THE POINT OF BEGINNING; THENCE N88° 45' 38"E, 82.28 FEET; THENCE S34° 07' 07"W, 24.52 FEET; THENCE S88° 45' 38"W, 50.00 FEET; THENCE N43° 22' 11"W, 26.97 FEET; TO THE POINT OF BEGINNING; CONTAINING 1,322.82 SQUARE FEET OR 0.03 ACRES, MORE OR LESS.

See Exhibit 'A' attached:

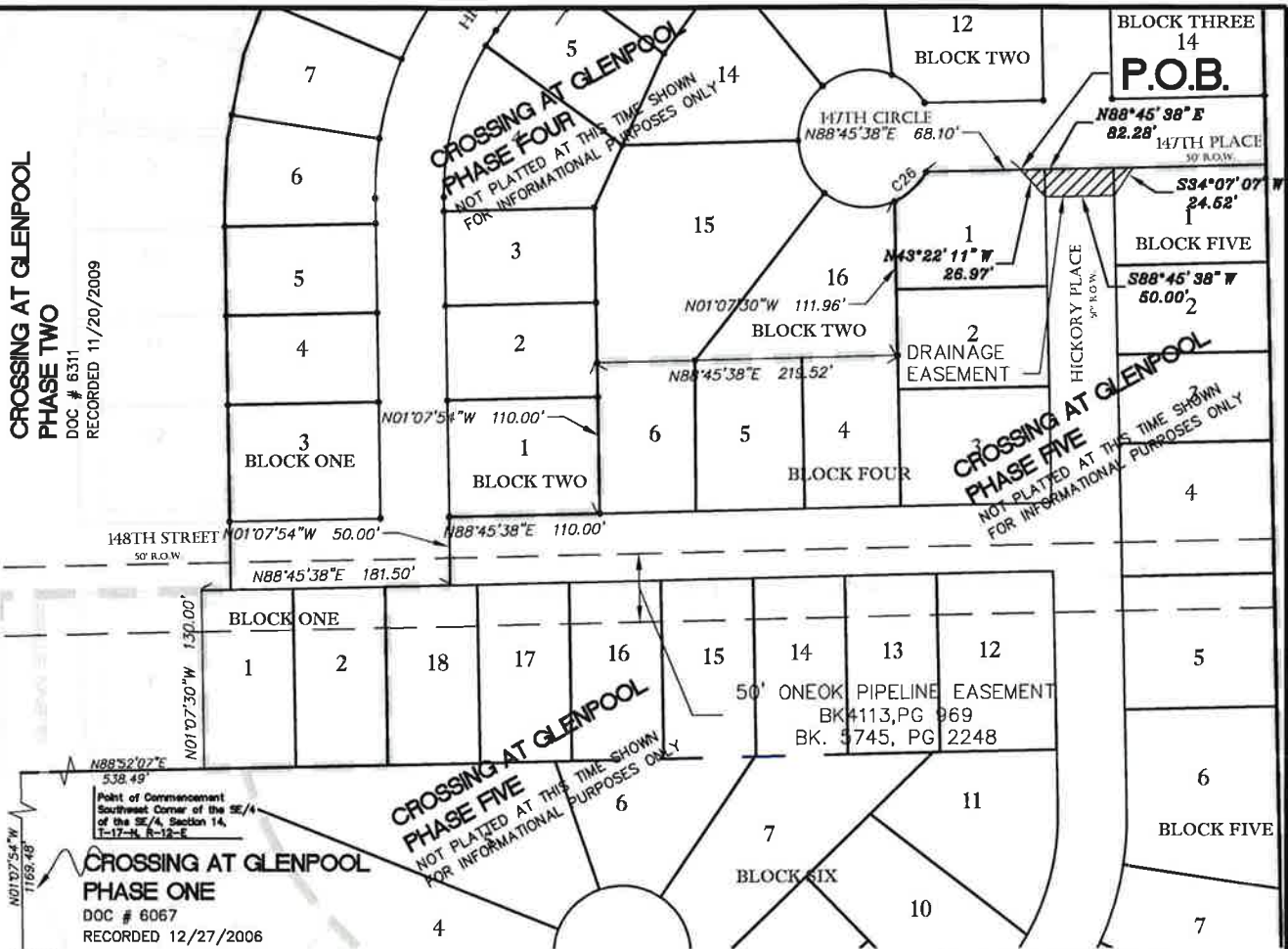
for the purpose of permitting public drainage services thereon, through, over, or across said property, together with all necessary and convenient appurtenances thereto; and to use and maintain the same and of affording the service providers officers, agents, employees, and/or all persons under contract with it, access to and the right to enter upon said premises and strip of land for the purpose of surveying, excavating for, operating, repairing, and maintaining of such construction.

The public utility providers are hereby given and granted the exclusive possession of said above described premises for the purposes aforesaid and Grantor, for itself and its heirs, administrators, successors, and assigns, covenants and agrees that no building, structure, fence, wall, or other above ground obstructions will be placed, erected, installed, or permitted upon the above described land; and further covenants and agrees that in the event the terms of this paragraph are violated by the grantor or other persons in privity with it, such violation will promptly corrected and eliminated immediately upon receipt of notice from the City or Franchisee, or City or Franchisee shall have right to remove or otherwise eliminate such violation, and Grantor, its heirs, administrators, successors, and assigns, shall promptly pay the actual cost thereof.

P:\projects\1398 9\Documents\Offsite Easements\EASEMENT 4.doc

CROSSING AT GLENPOOL PHASE TWO

DOC # 6311
RECORDED 11/20/2009

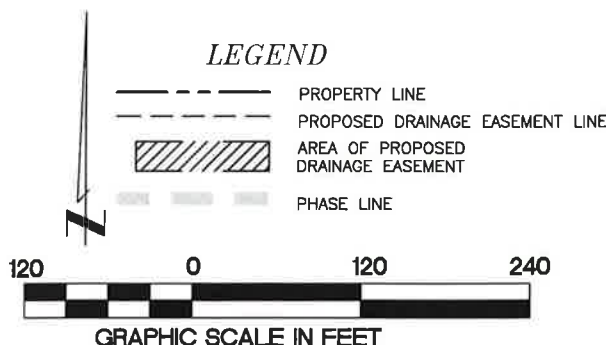
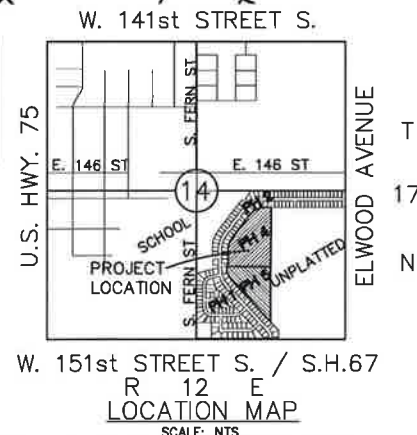


NOTE:
THIS DRAWING IS NOT TO BE
CONSTRUED AS A BOUNDARY
SURVEY

Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C26	32.34	50.00	37.06	N47° 17' 22"E	31.78

BASIS OF BEARINGS

Bearings Tied to Section and 1/4 Section lines per Final Plat
for The Crossing at Glenpool, Phase 1.



EASEMENT EXHIBIT 'A'

CROSSING AT GLENPOOL-PH 4 GLENPOOL, OK



**Earthplan
Design
Alternatives, PA**

134 West Emma Avenue
Springdale, Arkansas 72704

479-756-1265
Fax: 479-756-2129
www.eda-pa.com

DRAWN BY: JRG CHECKED BY: KJH

DATE: 10/17/2013

SCALE: 1" = 120'

JOB NUMBER: 1398_9

FILENAME: 1398.9 EASEMENT4.DWG

DESCRIPTION: PT SW/C, SE-1/4, SE-1/4,
SEC. 14 T-17-N, R-12-E

SHEET
1 OF 1

MEMORANDUM

TO: HONORABLE MAYOR and CITY COUNCIL

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: ACCEPTANCE: GENERAL UTILITY EASEMENT
DEDICATED BY: EAST PARK DEVELOPERS, LLC**

DATE: JANUARY 22, 2014

BACKGROUND

This item is for Council consideration and action regarding the acceptance of a General Utility Easement, seventeen and one half feet (17.5') in width, granted by East Park Developers, LLC and dedicated to the City of Glenpool. The easement in question is described and illustrated on the attached survey document which depicts the outer boundary of the property being developed as the fourth and fifth phases of the Crossing at Glenpool residential subdivision generally located immediately east of, and adjacent to, the second phase of this addition. The attached easement grant document and accompanying survey plat illustrate the configuration and physical location of the proposed easement. As noted, the proposed easement is located along the entire easterly boundary of what will become the Phase V subdivision plat. The purpose of this easement is to provide the City (public) and the franchise utility suppliers access to the area described and illustrated in the easement grant documents and to accommodate utility service extensions that are necessary to serve the lots in both of the final phases (IV & V) of the overall development. It should be noted that the width and location of this proposed utility easement coincides with the easement configuration that will be required as part of the development of Phase V subdivision plat.

Recommendation:

At this time, Staff is asking Council consideration and approval to accept this General Utility Easement dedication from East Park Developers, LLC.

Attachments:

- A. General Utility Easement
- B. Supporting Documents.

GENERAL UTILITY EASEMENT

KNOWN ALL MEN BY THESE PRESENTS:

That the undersigned, East Park Developers, LLC, (Grantor), the owner of the legal and equitable title of the following described real estate, for and in consideration of the sum of TEN DOLLARS (\$10.00), and other good and valuable considerations, the receipt of which is acknowledged, does hereby grant and convey to the Public, an easement through, over and under and across the following described property:

Written Legal Description:

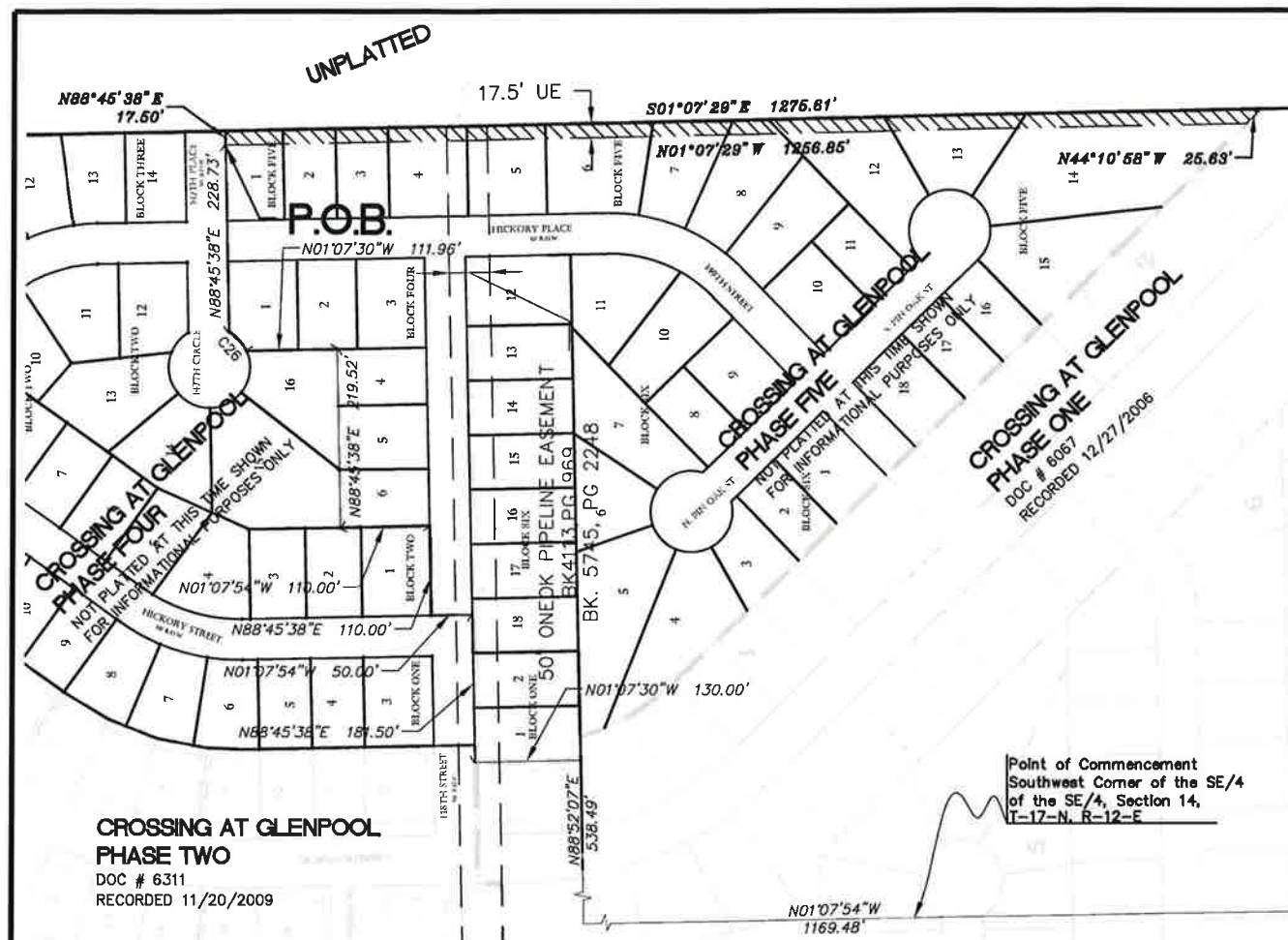
A TRACT OF LAND IN THE SE/4 OF THE SE/4, SECTION 14, T-17-N, R-12-E, TULSA COUNTY, OKLAHOMA: COMMENCING AT THE SOUTHWEST CORNER OF SAID SE/4 OF THE SE/4 AND RUNNING THENCE N01°07'54"W, 1,169.48, FEET; THENCE N88°52'07"E, 538.49 FEET; THENCE N01°07'30"W, 130.00 FEET; THENCE N88°45'38"E, 181.50 FEET; THENCE N01°07'54"W, 50.00 FEET; THENCE N88°45'38"E, 110.00 FEET; THENCE N01°07'54"W, 110.00 FEET; THENCE N88° 45' 38"E, 219.52 FEET; THENCE N01° 07' 30"W, 111.96 FEET; THENCE IN A NORTHERLY DIRECTION WITH A TANGENT CURVE TO THE RIGHT WITH A RADIUS OF 50.00 FEET, HAVING A CHORD OF N47°17' 22"E, 31.78 FEET, AND AN ARC LENGTH OF 32.34 FEET; THENCE N88° 45' 38"E, 228.73 FEET TO THE POINT OF BEGINNING; THENCE N88° 45' 38"E, 17.50 FEET; THENCE S01° 07' 29"E, 1275.61 FEET; THENCE N44° 10' 58"W, 25.63 FEET; THENCE N01° 07' 29"W, 1256.85 FEET; TO THE POINT OF BEGINNING; CONTAINING 2,2159.03 SQUARE FEET OR 0.51 ACRES, MORE OR LESS.

See Exhibit 'A' attached:

for the purpose of permitting public utility services thereon, through, over, or across said property, together with all necessary and convenient appurtenances thereto; and to use and maintain the same and of affording the service providers officers, agents, employees, and/or all persons under contract with it, access to and the right to enter upon said premises and strip of land for the purpose of surveying, excavating for, operating, repairing, and maintaining of such construction.

The public and franchise utility providers are hereby given and granted the exclusive possession of said above described premises for the purposes aforesaid and Grantor, for itself and its heirs, administrators, successors, and assigns, covenants and agrees that no building, structure, fence, wall, or other above ground obstructions will be placed, erected, installed, or permitted upon the above described land; and further covenants and agrees that in the event the terms of this paragraph are violated by the grantor or other persons in privity with it, such violation will promptly corrected and eliminated immediately upon receipt of notice from the City or Franchisee, or City or Franchisee shall have right to remove or otherwise eliminate such violation, and Grantor, its heirs, administrators, successors, and assigns, shall promptly pay the actual cost thereof.

P:\projects\1398 9\Documents\Offsite Easements\EASEMENT 5.doc



**CROSSING AT GLENPOOL
PHASE TWO**
DOC # 6311
RECORDED 11/20/2009

NOTE:
THIS DRAWING IS NOT TO BE
CONSTRUED AS A BOUNDARY
SURVEY

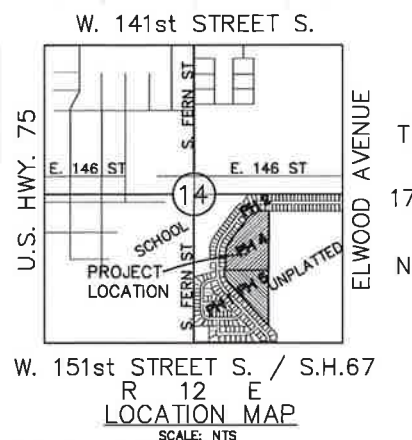
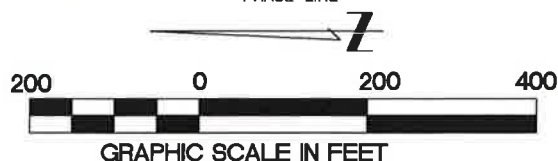
Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C26	32.34	50.00	37.06	N47° 17' 22"E	31.78

BASIS OF BEARINGS

Bearings Tied to Section and 1/4 Section lines per Final Plat
for The Crossing at Glenpool, Phase 1.

LEGEND

- PROPERTY LINE
- - - PROPOSED UTILITY EASEMENT LINE
- AREA OF PROPOSED UTILITY EASEMENT
- PHASE LINE



EASEMENT EXHIBIT 'A'

CROSSING AT GLENPOOL-PH 4 GLENPOOL, OK



**Earthplan
Design
Alternatives, PA**

131 West Linda Avenue
Springdale, Arkansas 72764

479-736-1200
Fax: 479-736-2129
www.earthplan.com

DRAWN BY: JRG CHECKED BY: KJH
DATE: 10/17/2013
SCALE: 1" = 200'
JOB NUMBER: 1398_9
FILENAME: 1398.9 EASEMENTS.DWG

DESCRIPTION: PT SW/C, SE-1/4, SE-1/4,
SEC. 14 T-17-N, R-12-E

SHEET
1 OF 1

MEMORANDUM

TO: HONORABLE MAYOR and CITY COUNCIL

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: ACCEPTANCE: TEMPORARY OVERLAND DRAINAGE EASEMENT
DEDICATED BY: PHYLLIS E. AND MICHAEL T. HUSE**

DATE: JANUARY 22, 2014

BACKGROUND

This item is for Council consideration and action regarding the acceptance of a Temporary Overland Drainage Easement, fifteen feet (15') in width, granted by Phyllis E. and Michael T. Huse and dedicated to the City of Glenpool. The easement in question is described and illustrated on the attached easement and survey documents which depict the outer boundary of the property being developed as Mansfield Lane residential subdivision located on the east side of Elwood Avenue immediately south of Glen Village Addition at 147th Street. The attached easement grant document, survey plat (Exhibit "A"), and legal description (Exhibit "B") illustrate the configuration and physical location of the proposed easement. The purpose of this easement is to provide City (public) access to an area contiguous with, and immediately south of, the southerly boundary of the Mansfield Lane Addition. City Staff is requiring this easement dedication to facilitate the redirection of a certain amount of surface stormwater run-off from the adjacent undeveloped land. A temporary drainage swale is to be constructed within this easement that will divert surface run-off along the south boundary of the subdivision discharging into the existing drainage channel along the east side of Elwood Avenue. The temporary nature of this easement is predicated upon its replacement by a permanent easement of similar nature and size at the time the development of the property south of the Mansfield Lane plat occurs.

Recommendation:

At this time, Staff is asking Council consideration and approval to accept this Temporary Overland Drainage Easement dedication from Phyllis E. and Michael T. Huse.

Attachments:

- A. Temporary Overland Drainage Easement
- B. Supporting Documents.

TEMPORARY OVERLAND DRAINAGE EASEMENT

KNOWN ALL MEN BY THESE PRESENTS:

That the undersigned, Phyllis E. Huse and Michael T. Huse, wife and husband (Grantor), the owners of the legal and equitable title of the following described real estate, for and in consideration of the sum of TEN DOLLARS (\$10.00), and other good and valuable considerations, the receipt of which is acknowledged, do hereby grant and convey to the City of Glenpool, a Municipal Corporation (GRANTEE), an easement through, over, and across the following described property (Property):

Written Legal Description:

Including Exhibits 'A' & 'B' attached herewith:

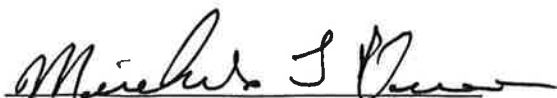
for the purpose of permitting the GRANTEE the exclusive right to access and enter upon said Property for the purpose of constructing and installing an earthen overland drainage swale approximately 15 feet (15') in width and approximately twelve inches (12") in average depth thereon, through, over, or across said Property for the expressed purpose of providing continuous and unobstructed open flow of storm water run-off along and through the Property; together with all necessary and convenient appurtenances thereto; along with the right to use and maintain the same for the purpose of surveying, excavating for, operating, repairing, and maintaining such overland drainage swale.

The GRANTEE is hereby given and granted the exclusive possession of said above described Property for the purposes aforesaid and GRANTOR, for themselves and their heirs, administrators, successors, and assigns, covenant and agree that no building, structure, fence, wall, or other above ground obstructions will be placed, erected, installed, or permitted upon the above described Property; and further covenant and agree that in the event the terms of this paragraph are violated by the GRANTOR or other persons in privity with it, such violation will be promptly corrected and eliminated immediately upon receipt of notice from the GRANTEE or the GRANTEE shall have the right to remove or otherwise eliminate such violation, and GRANTOR, its heirs, administrators, successors, and assigns, shall promptly pay the actual cost thereof.

TO HAVE AND TO HOLD, occupy, and use the Property described in this Temporary Overland Drainage Easement until such time as it is replaced with a permanent easement of same description and use or the Property described herein becomes a part of a subdivision plat as approved by the City of Glenpool.

Dated this 16th day of October, 2013


Phyllis Huse


Michael T. Huse

COUNTY OF TULSA)

Before me, the undersign, a Notary Public, in and for said County and State on this the 16th day of October, 2013, personally appeared Phyllis F. Huse and Michael T. Huse to me known to be the identical persons who subscribed as the maker to the foregoing as owners and acknowledge to me that they executed the same as their free will and voluntary act and deed for the uses and purposes there in set forth.

Notary Public

My Commission Expires: 06-18-2017



ACCEPTED BY:

CITY of GLENPOOL
A municipal Corporation

Dated this: _____, day of _____, 2013

By: _____
Mayor: Momodou Ceesay

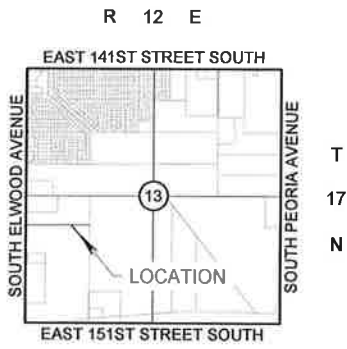
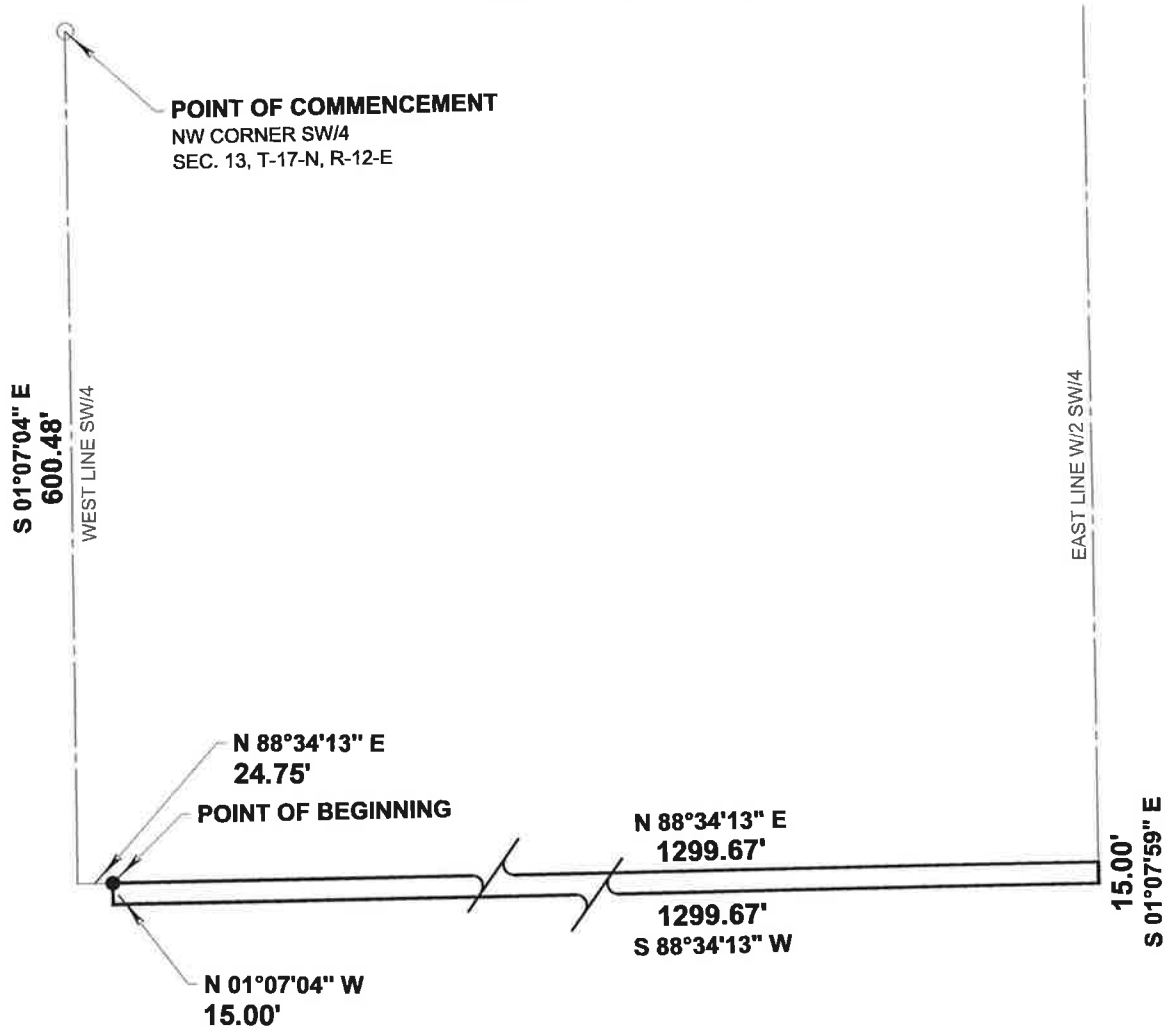
ATTEST:

Susan White
City Clerk

APPROVED AS TO FORM:

Lowell Peterson
City Attorney

EXHIBIT OF LEGAL DESCRIPTION 15' TEMPORARY DRAINAGE EASEMENT "EXHIBIT A"



Location Map

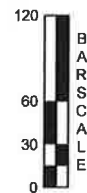


EXHIBIT OF LEGAL DESCRIPTION 15' TEMPORARY DRAINAGE EASEMENT "EXHIBIT B"

Legal Description

A TRACT OF LAND IN THE WEST HALF OF THE SOUTHWEST QUARTER (W/2 SW/4) OF SECTION 13, TOWNSHIP 17 NORTH, RANGE 12 EAST, OF THE INDIAN BASE AND MERIDIAN, TULSA COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE U.S. GOVERNMENT SURVEY THEREOF, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHWEST QUARTER (SW/4) OF SAID SECTION 13; THENCE S 01° 07' 04" E, ALONG THE WEST LINE OF SAID SOUTHWEST QUARTER (SW/4), A DISTANCE OF 600.48 FEET; THENCE N 88° 34' 13" E A DISTANCE OF 24.75 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING N 88° 34' 13" E A DISTANCE OF 1299.67 FEET TO A POINT ON THE EAST LINE OF THE WEST HALF OF THE SOUTHWEST QUARTER (W/2 SW/4); THENCE S 01° 07' 59" E AND ALONG SAID EAST LINE A DISTANCE OF 15.00 FEET; THENCE S 88° 34' 13" W A DISTANCE OF 1299.67 FEET; THENCE N 01° 07' 04" W A DISTANCE OF 15.00 FEET TO THE POINT OF BEGINNING.

SAID TRACT CONTAINING 19495.068 SQ. FT. / 0.448 ACRES, MORE OR LESS.

THE NON-ASTRONOMIC BEARINGS FOR SAID TRACT ARE BASED ON AN ASSUMED BEARING OF S 01° 07' 04" E ALONG THE WEST LINE OF SAID SOUTHWEST QUARTER (SW/4) OF SECTION 13, TOWNSHIP 17 NORTH, RANGE 12 EAST, OF THE INDIAN BASE AND MERIDIAN, TULSA COUNTY, STATE OF OKLAHOMA.

Surveyor's Statement

I, ALBERT JONES III, CERTIFY THE ATTACHED LEGAL DESCRIPTION CLOSES IN ACCORD WITH EXISTING RECORDS, IS A TRUE REPRESENTATION OF THE TEMPORARY 15' DRAINAGE EASEMENT AS DESCRIBED, AND MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING OF THE STATE OF OKLAHOMA.

ATLAS LAND OFFICE, LLC
202 SOUTH MAIN, WAGONER, OK 74467
WWW.ATLASLANDOFFICE.COM
INFO@ATLASLANDOFFICE.COM
CA#6752 EXP. 6-30-2014
PHONE: (918) 485-9987

BY:


ALBERT JONES III
PROFESSIONAL LAND SURVEYOR
OKLAHOMA NO. 1580 9.16.13



MEMORANDUM

TO: HONORABLE MAYOR and CITY COUNCIL

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: ACCEPTANCE: GENERAL UTILITY EASEMENT
DEDICATED BY: MICHAEL HUSE AND PHILLIS HUSE**

DATE: JANUARY 27, 2014

BACKGROUND

This item is for Council consideration and action regarding the acceptance of a General Utility Easement, eleven feet (11') in width, granted by Michael and Phyllis Huse and dedicated to the City of Glenpool. The easement in question is described and illustrated on the attached survey document which depicts the outer boundary of the property being developed as Mansfield Lane residential subdivision located immediately south of Glenn Village Addition and east of Elwood Avenue at 147th Street. The attached easement grant document, survey plat (Exhibit "A"), and legal description (Exhibit "B") illustrate the configuration and physical location of the described easement. As noted, the proposed easement is located immediately east of, and parallel to, the east boundary of the Mansfield Lane subdivision plat. The purpose of this easement is to provide the City (public) and the franchise utility suppliers access to the area described and illustrated in the easement grant documents and to accommodate utility service extensions that may become necessary in the future. It should be noted that the width and location of this proposed utility easement coincides with an easement configuration that will likely be required as part of the future development of the area located immediately east of the Mansfield Lane project.

Recommendation:

At this time, Staff is asking Council consideration and approval to accept this General Utility Easement dedication from Michael Huse and Phyllis Huse.

Attachments:

- A. General Utility Easement
- B. Supporting Documents.

UTILITY EASEMENT

KNOW ALL MEN BY THESE PRESENTS:

That, Michael and Phyllis Huse, husband and wife of Tulsa County, State of Oklahoma, the owners of the legal and equitable title to the Real Estate described in the attached exhibit 'B' incorporated herein by reference, grantor, in consideration of the sum of One Dollar, cash in hand paid, receipt of which is hereby acknowledged, does hereby assign, grant, and convey to the City of Glenpool, Tulsa County, Oklahoma, a municipal corporation, its successors and assigns, an easement and right of way over and across the property described in the aforementioned Exhibit 'B', with right of ingress and egress to and from the same, for the purpose of constructing, operating, and replacing utility lines and appurtenances.

Grantor agrees not to build or construct any building or buildings upon the permanent easement area. However, Grantor expressly reserves the right to build and construct sidewalks, streets and driveways, water mains, gas lines, electrical lines and other public service facilities across said premises herein described.

There is further granted the right to remove any tree or parts of trees, which in the judgment of the City may interfere with the construction of the applicable utilities.

PROVIDED, that the said grantor, his/her heirs, executors, administrators and assigns, shall fully use and enjoy the said premises except as may be necessary for the purposes herein granted to the City, its successors or assigns.

TO HAVE AND TO HOLD such easement and right of way unto the City of Glenpool, Oklahoma, its successors and assigns forever.

DATED this 27 day of January, 2014

Michael J. Huse
Phyllis E. Huse

State of Oklahoma)

) ss.

County of TULSA

Before me, the undersigned Notary Public, in and for said County and State, on this 2nd day of JANUARY, 2014, personally appeared, known to be to be the identical persons who subscribed the name of the maker thereof to the foregoing instrument acknowledged to me that he/she executed the same as his/her free and voluntary act and deed and as the free and voluntary act and deed for the uses and purposes therein set forth.

My Commission Expires: 3-13-15

TERRI HURT

Notary Public



APPROVED AS TO FORM:

APPROVED AS TO SUBSTANCE:

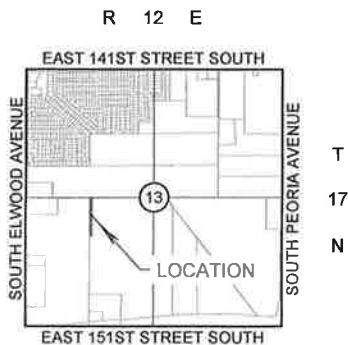
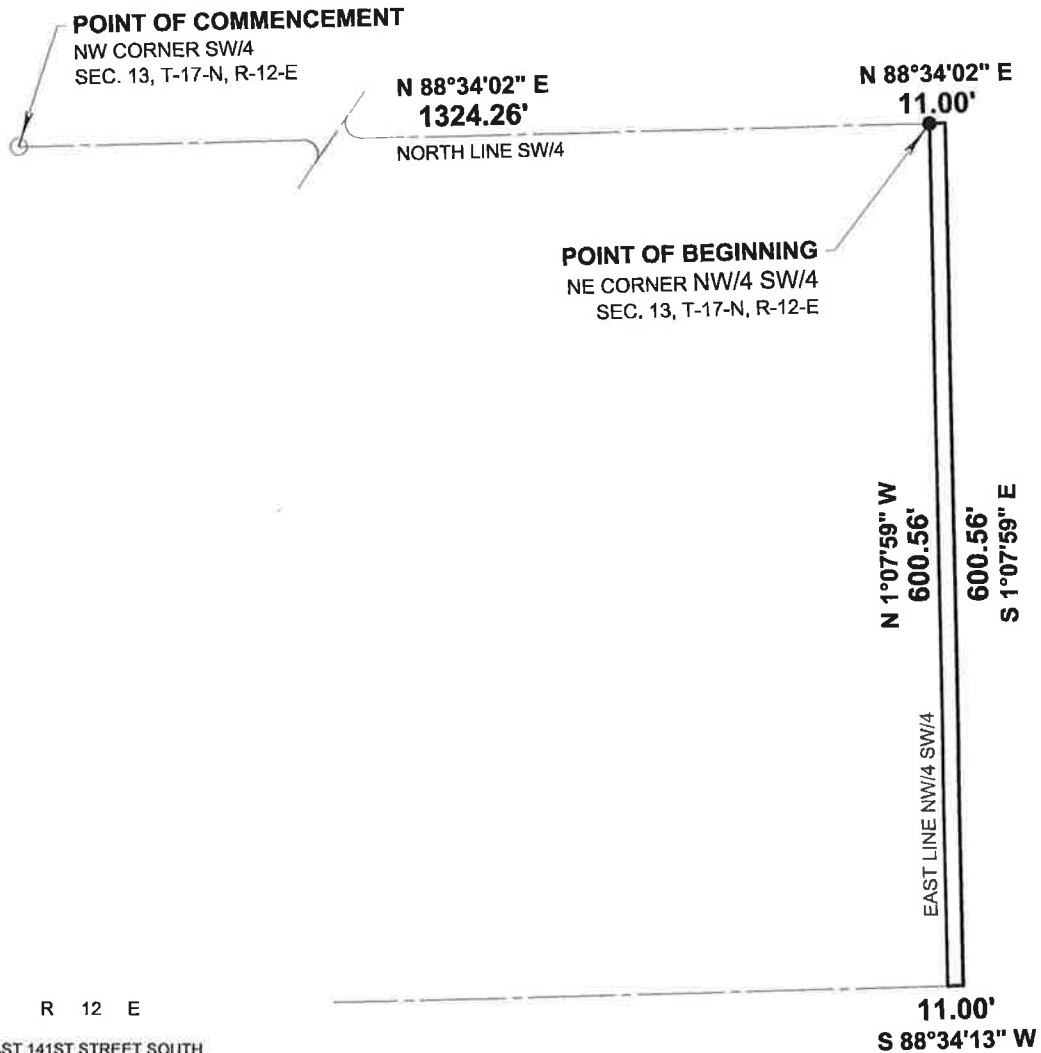
City Attorney

City Manager

Engineer _____ checked _____

Project:

EXHIBIT OF LEGAL DESCRIPTION "EXHIBIT A"



Location Map

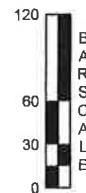


EXHIBIT OF LEGAL DESCRIPTION "EXHIBIT B"

Legal Description

A TRACT OF LAND THAT IS THE WEST 11.00 FEET OF THE NORTH HALF OF THE NORTH HALF OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER (N/2 N/2 NE/4 SW/4) AND THE NORTH 270.00 FEET OF THE SOUTH HALF OF THE NORTH HALF OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER (S/2 N/2 NE/4 SW/4) OF SECTION 13, TOWNSHIP 17 NORTH, RANGE 12 EAST, OF THE INDIAN BASE AND MERIDIAN, TULSA COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE U.S. GOVERNMENT SURVEY THEREOF, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHWEST QUARTER (SW/4) OF SAID SECTION 13; THENCE N 88° 34' 02" E, ALONG THE NORTH LINE OF SAID SOUTHWEST QUARTER (SW/4), A DISTANCE OF 1324.26 FEET TO THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER (NW/4 SW/4) OF SAID SECTION 13 AND THE POINT OF BEGINNING; THENCE CONTINUING N 88° 34' 02" E, ALONG THE NORTH LINE OF SAID SOUTHWEST QUARTER (SW/4), A DISTANCE OF 11.00 FEET; THENCE S 01° 07' 59" E A DISTANCE OF 600.56 FEET; THENCE S 88° 34' 13" W A DISTANCE OF 11.00 FEET TO A POINT ON THE EAST LINE OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER (NW/4 SW/4) OF SAID SECTION 13; THENCE N 01° 07' 59" W AND ALONG SAID EAST LINE A DISTANCE OF 600.56 FEET TO THE POINT OF BEGINNING.

SAID TRACT CONTAINING 6606.02 SQ. FT. / 0.152 ACRES, MORE OR LESS.

THE NON-ASTRONOMIC BEARINGS FOR SAID TRACT ARE BASED ON AN ASSUMED BEARING OF N 88° 34' 02" E ALONG THE NORTH LINE OF SAID SOUTHWEST QUARTER (SW/4) OF SECTION 13, TOWNSHIP 17 NORTH, RANGE 12 EAST, OF THE INDIAN BASE AND MERIDIAN, TULSA COUNTY, STATE OF OKLAHOMA.

Surveyor's Statement

I, ALBERT JONES III, CERTIFY THE ATTACHED LEGAL DESCRIPTION CLOSES IN ACCORD WITH EXISTING RECORDS, IS A TRUE REPRESENTATION OF THE 11' UTILITY EASEMENT AS DESCRIBED, AND MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING OF THE STATE OF OKLAHOMA.

ATLAS LAND OFFICE, LLC

202 SOUTH MAIN, WAGONER, OK 74467
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CA#6752 EXP. 6-30-2014
PHONE: (918) 485-9987

BY:


ALBERT JONES III
PROFESSIONAL LAND SURVEYOR
OKLAHOMA NO. 1580

1-24-14



MEMORANDUM

TO: HONORABLE MAYOR and CITY COUNCIL

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: ACCEPTANCE: STORMWATER DETENTION EASEMENT
DEDICATED BY: C. DEWAYNE & ANGELA M. HALL**

DATE: JANUARY 22, 2014

BACKGROUND

This item is for Council consideration and action regarding the acceptance of a Stormwater Detention Easement, one hundred twenty five feet (125.00') in width and one hundred twenty five (125.00') in length, granted by C. Dewayne Hall and Angela M, Hall and dedicated to the City of Glenpool (the Public). The easement in question is described and illustrated on the attached site plan document which depicts the outer boundary of the property being developed as HSRG RV Storage, generally located north and west of 126th Street and Elwood Avenue. The attached easement grant document and accompanying project site plan illustrate the configuration and physical location of the proposed easement. As noted, the proposed easement is located along the north boundary of and is within the subject project site. The purpose of this easement is to facilitate the construction of a private storm water detention facility necessary to mitigate excessive stormwater discharges from the project site. While the proposed stormwater detention facility is privately owned, the dedication of this easement will afford the City access to the area should the private improvements not be maintained properly in the future.

Recommendation:

At this time, Staff is asking Council consideration and approval to accept this General Utility Easement dedication from Marty and Anita Gordy-Watkins.

Attachments:

- A. Stormwater Detention Easement
- B. Supporting Documents.

STORMWATER DETENTION EASEMENT

KNOW ALL MEN BY THESE PRESENTS

That the undersigned owner of the legal and equitable title to the following described real estate, does hereby dedicate to the city of Glenpool, Oklahoma for public use (subject to easements of record) a perpetual easement on, over, and across the following described property for the purposes of permitting the flow, conveyance, retention, detention and discharge of stormwater runoff from said property.

The North 125.00 feet of the East 125 feet of the following described property:

Part of the SE/4, NE/4 of Section 2, T17N R12E of the I.B.&M., Tulsa County, Oklahoma, more particularly described as follows:

Beginning at a point on the southerly line of said SE/4 NE/4 said point being S88°43'54"W 330 feet from the SE corner thereof; thence continuing S88°43'54"W 30.27 feet; thence N01°10'15"W 730.99 feet; thence S88°43'54"W 301.22 feet; thence N01°10'15"W 593.00 feet; thence N88°44'04"E 331.22 feet; thence S01°10'15"E 1323.87 feet: to the Point of Beginning.

1. Detention, retention and other drainage facilities constructed within said easement area shall be in accordance with standards and specifications approved by the city of Glenpool, Oklahoma.
2. No fence, wall, building, or other obstruction may be placed or maintained in the detention easement area nor shall there be any alteration of the grades or contours in such easement area unless approved by the department of public works of the city of Glenpool.
3. Detention, retention, and other drainage facilities shall be maintained by the owner, to the extent necessary to achieve the intended drainage, retention, and detention functions including repair of appurtenances and removal of obstructions and siltation. Said detention facilities shall be maintained by the Owner in accordance to the following standards:
 - A. Grass areas shall be mowed (in season) at regular intervals of less than four weeks.
 - B. Concrete appurtenances shall be maintained in good condition and replaced if damaged.
 - C. The detention easement area shall be kept free of debris.
4. Landscaping approved by the city of Glenpool shall be allowed within detention easement.
5. In the event the Owner should fail to properly maintain the detention, retention, and other drainage facilities or, in the event of the placement of an obstruction within, or the alteration of the grade or contour therein, the city of Glenpool, Oklahoma, or its designated contractor may enter and perform maintenance necessary to the achievement of the intended drainage functions and may remove any obstruction or correct any alteration of grade or contour, and the cost thereof shall be paid by the Owner. In the event the Owner fails to pay the cost of maintenance after completion of the maintenance and receipt of a statement of costs, the city of Glenpool, Oklahoma, may file of record a copy of the statement of costs, and thereafter the costs shall be a lien against property. A lien established as above provided may be foreclosed by the city of Glenpool, Oklahoma.

To have and to hold such easement unto the public forever.

Dated _____

C. Dwayne Hall

Angela M. Hall

State of Oklahoma

) ss

County of Tulsa

This instrument was acknowledged before me on this _____ day of _____, 2014, by C. Dwayne Hall and Angela M. Hall.

Notary public

My commission expires _____

ACCEPTED BY:

CITY of GLENPOOL
A municipal Corporation

Dated this _____, day of _____, 2014

By: _____
Mayor: Momodou Ceesay

ATTEST:

APPROVED AS TO FORM:

Susan White
City Clerk

Lowell Peterson
City Attorney

MEMORANDUM

TO: HONORABLE MAYOR and CITY COUNCIL

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: ACCEPTANCE: GENERAL STORM SEWER EASEMENT
DEDICATED BY: MARTY WATKINS & ANITA GORDY-WATKINS**

DATE: JANUARY 22, 2014

BACKGROUND

This item is for Council consideration and action regarding the acceptance of a General Storm Sewer Easement, thirty feet (30.00') in width and forty feet (40.00') in length, granted by Marty Watkins and Anita Gordy-Watkins and dedicated to the City of Glenpool (the Public). The easement in question is described and illustrated on the attached site plan document which depicts the outer boundary of the property being developed as HSRG RV Storage generally located north and west of 126th Street and Elwood Avenue. The attached easement grant document and accompanying project site plan illustrate the configuration and physical location of the proposed easement. As noted, the easement is located along, and contiguous with, the north boundary of the subject project property. The purpose of this easement is to provide the City (the Public) access to the area described and illustrated in the easement grant to accommodate the installation of certain underground storm sewer discharge piping and headwall structures facilitating a storm water detention facility necessary to mitigate stormwater runoff from the project. While the proposed storm sewer piping and structures are considered privately owned improvements, the dedication of this easement will afford the City access to the area should the private improvements not be maintained properly in the future.

Recommendation:

At this time, Staff is asking Council consideration and approval to accept this General Utility Easement dedication from Marty and Anita Gordy-Watkins.

Attachments:

- A. General Utility Easement
- B. Supporting Documents.

GENERAL STORM SEWER EASEMENT

KNOWN ALL MEN BY THESE PRESENTS:

That the undersigned, _____, (Grantor), the owner of the legal and equitable title of the following described real estate, for and in consideration of the sum of TEN DOLLARS (\$10.00), and other good and valuable considerations, the receipt of which is acknowledged, does hereby grant and convey to the Public, an easement through, over and under and across the following described property:

Part of the SE/4, NE/4 of Section 2, T17N R12E of the I.B.&M., Tulsa County, Oklahoma, more particularly described as follows:

Commencing at the Southeast corner of said SE/4 NE/4 ; thence S88°43'54"W 330 feet: thence N01°10'15"W 1323.87 feet; thence S88°44'04"W 100.00 feet to the Point of Beginning; thence continuing S88°44'04"W 40.00 feet; thence N01°15' 56"W 30.00 feet; thence N88°44'04"E 40.00 feet; thence S01°15' 56"E 30.00 feet: to the Point of Beginning.

for the purpose of permitting a public storm sewer thereon, through, over, or across said property, together with all necessary and convenient appurtenances thereto; and to use and maintain the same and of affording the service providers officers, agents, employees, and/or all persons under contract with it, access to and the right to enter upon said premises and strip of land for the purpose of surveying, excavating for, operating, repairing, and maintaining of such construction.

The public utility providers are hereby given and granted the exclusive possession of said above described premises for the purposes aforesaid and Grantor, for itself and its heirs, administrators, successors, and assigns, covenants and agrees that no building, structure, wall, or other above ground obstructions will be placed, erected, installed, or permitted upon the above described land; and further covenants and agrees that in the event the terms of this paragraph are violated by the grantor or other persons in privity with it, such violation will promptly corrected and eliminated immediately upon receipt of notice from the City, or the City shall have right to remove or otherwise eliminate such violation, and Grantor, its heirs, administrators, successors, and assigns, shall promptly pay the actual cost thereof.

TO HAVE AND TO HOLD such easement unto to the Public, its successors, or assigns as aforesaid:

Dated this _____ day of _____, 2014

By: _____

Name: Mark Watkins

Title: Owner

By: _____

Name: Anita Gordy-Watkins

Title: Owner

STATE OF OKLAHOMA)
) ss.
COUNTY OF TULSA)

This instrument was acknowledged before me on this _____ day of _____, 2014, by Mark Watkins and Anita Gordy-Watkins.

Name:
Notary Public

My Commission Expires:

ACCEPTED BY:

CITY of GLENPOOL
A municipal Corporation

Dated this: _____, day of _____, 2013

By: _____
Mayor: Momodou Ceesay

ATTEST:

APPROVED AS TO FORM:

Susan White
City Clerk

Lowell Peterson
City Attorney

Statement of Disavowal

WHEREAS, During the course of a regularly scheduled meeting of the City Council held on Monday, January 13, 2014, in connection with agenda item # 4, 'Discussion and possible action to pay State Auditor and Inspector invoice for \$35,000," Councilor Tim Fox read a prepared statement in opposition to the item; and

WHEREAS, Such statement contained derogatory and potentially libelous comments about one or more resident(s) and citizen(s) of the City of Glenpool and about one or more State government official(s); and

WHEREAS, During the course of the same regularly scheduled meeting of the City Council held on Monday, January 13, 2014, in connection with the Mayor's Report, agenda item H., Councilor Tim Fox read a prepared statement commenting on his perceptions regarding the value and accomplishments of Ed Tinker and David Tillotson; and

WHEREAS, Such statement contained derogatory and potentially libelous comments about one or more fellow members of the City Council; and

WHEREAS, Section 15 of the Code of Ethics and Policy Statement for Elected and Appointed Officials of the City of Glenpool, adopted September 19, 2011, as amended, states as follows:

Advocacy. Members shall represent the official policies or positions of the City Council, board or commission to the best of their ability when designated as delegates for this purpose. When presenting their individual opinions and positions, members shall explicitly state they do not represent their body or the City of Glenpool, nor will they allow the inference that they do.

And

WHEREAS, at no point in his prepared statement did Councilor Fox "explicitly state" that his remarks did not represent either the City Council or the City of Glenpool.

THEREFORE, the signatory Councilors below, in their individual capacity as Members of the City Council but not as a majority action of the Council *per se*, make the following statement:

1. The referenced statements of Councilor do not express my personal opinion or in any way represent my views on the subject matter, nor were they at any time or in any manner adopted as representations of the City Council or the City of Glenpool.
2. I expressly disavow and deny any connection with all comments contained within the referenced statements that refer in any way to any named person, without distinction or qualification.
3. I respectfully request that Councilor Fox, at this time, make an "explicit statement" for the record that his remarks do not represent the City Council or the City of Glenpool and that they represent solely his own individual opinion.

The foregoing statement of disavowal is hereby voluntarily, and without formal Council action, adopted individually by the following signatory Council Members as their own:

Momodou Ceesay, Mayor

February 3, 2014

Alyce Korb, Vice Mayor

February 3, 2014

Tommy E. Carner, Councilor

February 3, 2014

Patricia Agee, Councilor

February 3, 2014

ATTEST:

Susan White, City Clerk

[SEAL]

APPROVED AS TO FORM:

Lowell Peterson, City Attorney

Glenpool City Council
Monday, February 3, 2014

PROCLAMATION

WHEREAS, Square Dancing is an integral part of authentic Western folklore; and

WHEREAS, Square Dance celebrates the pioneer spirit of cooperation and teamwork; and

WHEREAS, the Northeast Oklahoma Square Dance Association is sponsoring its 67th Annual Northeast Oklahoma Square Dance Association Festival at the City Hall and Conference Center, Glenpool, Oklahoma on April 4th and 5th of 2014.

NOW, THEREFORE, I, Momodou Ceesay, by the power vested in me as Mayor of the City of Glenpool, do hereby proclaim that April 5, 2014, shall be known by all and officially designated as:

“NORTHEAST OKLAHOMA SQUARE DANCE ASSOCIATION DAY”

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the City of Glenpool to be affixed this 3rd day of February 2014.

CITY OF GLENPOOL

Momodou Ceesay, Mayor

Attested

Susan White, City Clerk

NOTICE
GLENPOOL UTILITY SERVICE AUTHORITY
MEETING

A Regular Session of the Glenpool Utility Service Authority will be held immediately following the Glenpool City Council meeting, which starts at 6:00 p.m. on Monday, February 3, 2014, at Glenpool City Hall, City Council Chambers, 3rd Floor, 12205 S. Yukon Ave., P.O. Box 70, Glenpool, Oklahoma.

The following items are scheduled for consideration by the Authority at that time:

AGENDA

- A. Call to Order
- B. Roll call, declaration of quorum
- C. Scheduled Business
 - 1. Discussion and possible action to approve minutes from January 13, 2014 meeting.
 - 2. Discussion and possible action to approve the ServPro Fire & Water Clean-Up & Restoration proposal, and to authorize the city manager to enter into, and execute a contract with this company to fully complete the restoration project as defined in their proposal for a total cost not to exceed \$234,440.32.
(Lynn Burrow, Community Development Director)
 - 3. Discussion and possible action to approve a budget amendment to increase Revenue \$221,910 and increase Expenditures \$221,910, resulting from a reimbursement of expenses associated with OMAG Claim No. 134516-BD, Public Works Garage Fire Loss.
(Charles Barnes, Finance Director)
 - 4. Discussion and possible action to accept the Engineering Study and authorize SKW, Inc. to proceed with the development of construction documents.
(Lynn Burrow, Community Development Director)
- D. Severn Trent Report
- E. Community Development Director Report
(Lynn Burrow, Community Development Director)
- F. Adjournment.

This notice and agenda was posted at Glenpool City Hall, 12205 S. Yukon Ave., P.O. Box 70, Glenpool, Oklahoma, on _____, 2014.

Signed: _____
Clerk

MINUTES
GLENPOOL UTILITY SERVICE AUTHORITY
REGULAR SESSION
January 13, 2014

The Regular Session of the Glenpool Utility Service Authority was held at 7:34 p.m., Glenpool City Hall. Trustees present were: Momodou Ceesay, Chairman; Alyce Korb, Vice Chairman; Tim Fox, Trustee; Trish Agee, Trustee and Tommy Carner, Trustee.

Staff present was: Lowell Peterson, City Attorney; Susan White, Secretary; Charles Barnes, Finance Director; and Lynn Burrow, Community Development Director. David Tillotson, Assistant City Manager was absent.

A. Chairman Ceesay called the meeting to order at 7:34 p.m.

B. Susan White, Secretary called the roll and Chairman Ceesay declared a quorum present.

C. Scheduled Business:

1. Discussion and possible action to approve minutes from December 16, 2013 meeting.

MOTION: Trustee Carner moved, second by Vice Chairman Korb to approve minutes as presented.

FOR: Trustee Fox; Trustee Agee; Trustee Carner; Vice Chairman Korb; Chairman Ceesay

AGAINST: None

Motion carried.

2. Discussion of Sewer Plant Operations and Upgrade Project.

Councilor Carner announced that he had requested the discussion item for the agenda, however since he was unable to provide Mr. Burrow with a list of questions regarding the Project prior to that afternoon; he felt it unfair to expect a report from staff so quickly. He recommended the item be tabled.

No Action.

D. Severn Trent Report

- Severn Trent provided a written report for the packet materials. An oral report was not presented.

E. Community Development Director Report

- Lynn Burrow, Community Development Director updated the Council on various private and public improvement and construction projects, included but not limited to: private housing and business developments; projects funded by the OWRB construction loan; US Highway 75 cable barrier installation; and City Public Works Shop building and equipment repair and re-habilitation resulting from the October fire.

F. Adjournment.

There being no further business, Chairman Ceesay declared the meeting adjourned 7:51 p.m.

Date

Chairman

ATTEST:

Secretary

MEMORANDUM

**TO: CHAIRMAN AND BOARD MEMBERS
GLENPOOL UTILITY SERVICES AUTHORITY**

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: FIRE RESTORATION PROJECT
GLENPOOL PUBLIC WORKS SHOP FACILITY**

DATE: JANUARY 27, 2014

BACKGROUND

This item is for Board consideration and action regarding the results of a formal Request for Proposal solicitation requested and conducted by Staff covering the post disaster rehabilitation of the City's Public Works Shop facility. As requested by the Board, a formal public competitive RFP process was developed to fully investigate and price the scope of work deemed necessary to restore this fire damaged facility back to a pre-disaster condition. The RFP package developed for this project was publically advertized starting December 6, 2013 with final proposals accepted and read January 10, 2014. During this time period, the project RFP documents were issued to thirteen (13) different Contractors. Six (6) of those Contractors submitted final proposals covering the scope of work itemized in each of their response documents. The following is a summary tabulation of those proposals received:

1. ServPro Fire & Water Cleanup & Restoration	Total Cost: \$234,440.32
2. Paul Davis Restoration & Remodeling	Total Cost: \$623,292.16
3. PCC Cleaning & Restoration	Total Cost: \$170,294.48
4. Duncan Cleaning & Restoration, LLC	Total Cost: \$384,319.03
5. Burggraf Disaster Restoration	Total Cost: \$247,933.97
6. TRC Disaster Solutions	Total Cost: \$358,024.06

As you will note, the cost totals range from \$170,294 to \$623,292. As a result of this large disparity, Staff interviewed each responding company to fully understand and verify the total scope of work being proposed in order to determine whether there was some type of omission leading to this type of cost range. The interview process resulted in the determination by Staff that the scope of work defined in the proposal submitted by ServPro Restoration was the most comprehensive and inclusive and the lowest in comparative overall cost of the six proposals submitted. However, all six proposals submitted were forwarded to the City's insurance carrier (OMAG) and their adjusting consultant for their review and concurrence.

Follow-up conversations with OMAG staff and their adjusting consultant reveals they agree with the Staff conclusions and have approved the use of this company to perform the work as described in their proposal in the total cost amount listed above.

OMAG also indicates that, since they used the original cost estimate generated by Burggraf Restoration to finalize their original documentation of the project, they will continue to use that total cost (\$247,000) to help off-set any undiscovered damage that may be encountered as the restoration work progresses. However, Staff will keep the Council informed of the discovery of any such additional cost items as they may occur.

Recommendation:

At this time, Staff is asking Board consideration and approval to accept the proposal submitted by ServPro Fire & Water Cleanup & Restoration and to authorize the City Manager to enter into, and execute, a contract with this company to fully complete the restoration project as defined in their proposal for a total cost not to exceed \$234,440.32

Attachments:

A. ServPro Contract Proposal



Mill Ave. Inc, dba SERVPRO of South Tulsa County
14690 E. Pine St.
Tulsa, OK. 74116
(918) 437-2095 – P
(918) 437-2090 – F
(918) 406-9721 – C
dave@servprosouthtulsa.com

Structural Repairs and Cleaning -	\$228,141.44
Contents Inventory and Cleaning -	\$6,298.88



Servpro of South Tulsa County #9317

Franchise #9317
14690 E. Pine St.
Tulsa, OK. 74116
Ph: (918) 437-2095
Fax: (918) 437-2090

Client: Glenpool Public Works Department Shop
Property: 503 W. 138th St.
Glenpool, OK 74033

Business: (918) 209-4613
Cellular: (918) 899-1293

Operator Info:
Operator: DAVE

Estimator: Dave Jones
Company: Servpro of South Tulsa County
Business: 14690 E. Pine Street
Tulsa, OK 74116

Business: (918) 437-2095

Reference:
Company: Servpro of South Tulsa County
Business: 14690 E. Pine Street
Tulsa, OK 74116

Business: (918) 437-2095

Type of Estimate:

Price List: OKTU7X_DEC13
Labor Efficiency: Restoration/Service/Remodel
Estimate: GLENPOOLPUBLICWORKS

Please note, this is the estimate for structural repairs per visual inspections of affected areas at the above mentioned address.



Servpro of South Tulsa County #9317

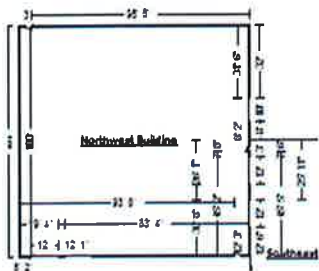
Franchise #9317
14690 E. Pine St.
Tulsa, OK. 74116
Ph: (918) 437-2095
Fax: (918) 437-2090

GLENPOOLPUBLICWORKS

Main Level

Main Level

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Taxes, insurance, permits & fees (Bid item)	1.00 EA			OPEN
Scissor lift - 20' platform height - electric powered (3) lifts for (20) days	60.00 DA	0.00	90.00	5,400.00
Dumpster load - Approx. 30 yards, 5-7 tons of debris	1.00 EA	360.77	0.00	360.77
Total: Main Level				5,760.77



Northwest Building

Height: 14'

5,415.46 SF Walls	10,001.64 SF Ceiling
15,417.10 SF Walls & Ceiling	10,001.64 SF Floor
1,111.29 SY Flooring	381.95 LF Floor Perimeter
400.03 LF Ceil. Perimeter	

Door	12' 1" X 12'	Opens into Exterior
Door	12' X 12'	Opens into Exterior
Door	3' X 6' 8"	Opens into SOUTHEAST_BU
Door	12' X 12'	Opens into SOUTHEAST_BU
Door	12' X 12'	Opens into SOUTHEAST_BU
Door	10' X 10'	Opens into Exterior
Door	3' X 6' 8"	Opens into Exterior

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
R&R Roof panel - ribbed - 26 gauge - up to 1"	10,000.00 SF	0.36	3.43	37,900.00
R&R Skylight - metal roof - corrugated	6.00 EA	21.60	77.77	596.22
R&R Ridge cap - metal roofing	100.00 LF	1.87	4.20	607.00
Laminated 3" insulation	10,000.00 SF	0.00	0.64	6,400.00

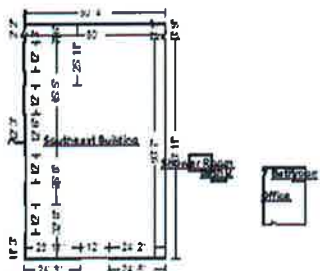
Note: The above mentioned items are for the removal and replacement of the roof panels and the replacement of the 3" reinforced insulation on the roof.

Remove Wall panel - ribbed - 26 gauge - up to 1"	5,212.00 SF	0.36	0.00	1,876.32
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Franchise #9317
14690 E. Pine St.
Tulsa, OK. 74116
Ph: (918) 437-2095
Fax: (918) 437-2090

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Remove Laminated 3" insulation	3,055.60 SF	0.16	0.00	488.90
Note: The above mentioned removal of insulation is for the 3" reinforced insulation that is behind the 8' liner panels. This insulation was not removed during emergency services and will need to be done so upon commencement of the repairs.				
Laminated 3" insulation	5,212.00 SF	0.00	0.64	3,335.68
Wall panel - ribbed - 26 gauge - up to 1"	5,212.00 SF	0.00	3.43	17,877.16
Note: The above mentioned item is for the replacement of the exterior wall panels. Due to the nature in which the existing wall panels were installed and adhere to the slab on the exterior perimeter, it is highly probable that many of the panels would become unrepairable after they are detached.				
Detach & Reset Exterior light fixture	3.00 EA	0.00	0.00	151.95
R&R Aluminum rake/gable edge trim - color finish	208.00 LF	0.43	4.04	929.76
R&R Gutter / downspout - box - aluminum - 6"	246.00 LF	0.36	7.45	1,921.26
R&R Roll-up door & hardware - 12' x 12' - 26 gauge	1.00 EA	20.19	1,026.63	1,046.82
R&R Roll-up door & hardware - 10' x 10' - 26 gauge	1.00 EA	18.18	699.90	718.08
Totals: Northwest Building				73,849.15



Height: 14'

4,441.17 SF Walls	6,004.13 SF Ceiling
10,445.30 SF Walls & Ceiling	6,004.13 SF Floor
667.13 SY Flooring	314.08 LF Floor Perimeter
320.08 LF Ceil. Perimeter	

Door	3' X 6' 8"	Opens into NORTHWEST_BUR
Door	12' X 12'	Opens into NORTHWEST_BUR
Door	12' X 12'	Opens into NORTHWEST_BUR
Door	3' X 6' 8"	Opens into Exterior
Door	12' X 12'	Opens into Exterior
Door	12' X 12'	Opens into Exterior
Door	12' X 12'	Opens into Exterior

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
R&R Steel purlins - Z-shape - 8"	300.00 LF	2.27	8.77	3,312.00



Servpro of South Tulsa County #9317

Franchise #9317
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CONTINUED - Southeast Building

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Note: The above mentioned item is for the removal and replacement of (12) 8" x 25' - Z purlins in the bay directly above the origin of the fire.				
R&R Roof panel - ribbed - 26 gauge - up to 1"	6,000.00 SF	0.36	3.43	22,740.00
R&R Ridge cap - metal roofing	100.00 LF	1.87	4.20	607.00
Laminated 3" insulation	6,000.00 SF	0.00	0.64	3,840.00
Note: The above mentioned items are for the removal and replacement of the roof panels and the replacement of the 3" reinforced insulation on the roof.				
Remove Wall panel - ribbed - 26 gauge - up to 1"	3,760.00 SF	0.36	0.00	1,353.60
Remove Laminated 3" insulation	2,032.67 SF	0.16	0.00	325.23
Note: The above mentioned removal of insulation is for the 3" reinforced insulation that is behind the 8' liner panels. This insulation was not removed during emergency services and will need to be done so upon commencement of the repairs.				
Laminated 3" insulation	3,760.00 SF	0.00	0.64	2,406.40
Wall panel - ribbed - 26 gauge - up to 1"	3,760.00 SF	0.00	3.43	12,896.80
Note: The above mentioned item is for the replacement of the exterior wall panels. Due to the nature in which the existing wall panels were installed and adhere to the slab on the exterior perimeter, it is highly probable that many of the panels would become unreparable after they are detached.				
R&R Aluminum rake/gable edge trim - color finish	128.00 LF	0.43	4.04	572.16
R&R Gutter / downspout - box - aluminum - 6"	221.00 LF	0.36	7.45	1,726.01
R&R Roll-up door & hardware - 12' x 12' - 26 gauge	3.00 EA	20.19	1,026.63	3,140.46
R&R Commercial overhead door opener - Trolley type	1.00 EA	26.46	561.18	587.64
Totals: Southeast Building				53,507.30

Electrical

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
R&R Panelboard - 120/240, 100 amp, single phase (per circuit)	1.00 EA	16.26	79.27	95.53
R&R Circuit breaker - main disconnect - 125 amp	1.00 EA	6.80	211.39	218.19
Fluorescent - acoustic grid fixture - four tube, 2'x 4'	6.00 EA	0.00	188.92	1,133.52



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CONTINUED - Electrical

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Note: The above mentioned item is for the replacement of the grid fixtures in the office ceiling.				
Light bulb - Fluorescent tube - 4' soft white - mat. only	24.00 EA	0.00	5.48	131.52
Light bulb - Fluorescent tube - 4' soft white - mat. only	2.00 EA	0.00	5.48	10.96
R&R Bathroom ventilation fan w/light	3.00 EA	12.80	149.42	486.66
R&R Emergency lighting - battery - Commercial	3.00 EA	9.09	279.88	866.91
R&R 20 AMP switch	2.00 EA	3.65	24.77	56.84
Fluorescent - four tube - 8' - strip light	32.00 EA 58	0.00	199.65	6,388.80
Light bulb - Fluorescent tube - 8' cool white - mat. only	128.00 EA	0.00	8.85	1,132.80
Remove and replace outlets and switches	1.00 EA	0.00	747.57	747.57
Totals: Electrical				11,269.30

Security System

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Security system - key pad	2.00 EA	0.00	185.95	371.90
Comm. security system - contact w/wire (per opening)	10.00 EA	0.00	127.38	1,273.80
Security system - control panel	1.00 EA	0.00	432.75	432.75
Security system - motion detector	1.00 EA	0.00	145.88	145.88
Totals: Security System				2,224.33

HVAC

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
R&R Space Heater - Ceiling hung gas unit - 230,000 BTU	3.00 EA	70.80	2,578.77	7,948.71
R&R Black pipe with fitting and hanger, 2"	157.00 LF	3.89	19.44	3,662.81



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CONTINUED - HVAC

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
R&R Black pipe with fitting and hanger, 1 - 1/2"	63.00 LF	1.95	15.00	1,067.85
Totals: HVAC				12,679.37

Interior Miscellaneous

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Clean paneling	5,664.27 SF	0.00	0.21	1,189.50
Paint liner paneling	5,664.27 SF	0.00	0.57	3,228.63
Note: The above mentioned items pertain to the interior 8' tall liner paneling around the perimeter of the buildings. This estimate recommends that they be cleaned and painted.				
Cleaning Technician - incl. cleaning agent - per hour	160.00 HR	0.00	28.12	4,499.20
Note: The above mentioned item is for (4) technicians for (5) days each to powerwash and clean all structural steel and iron prior to painting.				
Shop primer - material only	150.00 GL	0.00	26.57	3,985.50
Painter - per hour to paint structural steel and iron after cleaning and prep	160.00 HR	0.00	47.96	7,673.60
Note; The above mentioned painting labor is an estimated time of (4) painters for (5) days each.				
Clean water heater	2.00 EA	0.00	13.42	26.84
Clean with pressure/chemical spray	16,000.00 SF	0.00	0.17	2,720.00
Clean concrete the surface area	16,000.00 SF	0.00	0.18	2,880.00
Note: The above mentioned items are to powerwash the slabs in both buildings using an industrial cleaner followed by a thorough manual cleaning of the residue from the powerwashing.				
Totals: Interior Miscellaneous				26,203.27



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Door

Bathroom

Height: 9'

169.33 SF Walls
196.00 SF Walls & Ceiling
2.96 SY Flooring
20.67 LF Ceil. Perimeter

26.67 SF Ceiling
26.67 SF Floor
18.17 LF Floor Perimeter

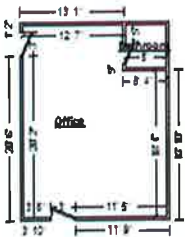
2' 6" X 6' 8"

Opens into OFFICE

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Clean the walls	169.33 SF	0.00	0.21	35.56
Clean door (per side)	1.00 EA	0.00	4.15	4.15
Clean door hardware	1.00 EA	0.00	3.83	3.83
Clean toilet	1.00 EA	0.00	12.47	12.47
Clean toilet seat	1.00 EA	0.00	2.69	2.69
Clean vanity - inside and out	2.00 LF	0.00	6.05	12.10
Clean countertop	4.00 SF	0.00	0.46	1.84
Clean sink faucet	1.00 EA	0.00	5.48	5.48
Seal/prime then paint the walls (2 coats)	169.33 SF	0.00	0.66	111.76
R&R Batt insulation - 6" - R19 - paper faced	26.67 SF	0.21	0.84	28.00
Suspended ceiling system - 2' x 4'	26.67 SF	0.00	1.95	52.01

Totals: Bathroom

269.89



Door

Door

Door

Office

Height: 9'

697.83 SF Walls
1,097.61 SF Walls & Ceiling
44.42 SY Flooring
83.83 LF Ceil. Perimeter

399.78 SF Ceiling
399.78 SF Floor
75.33 LF Floor Perimeter

3' X 6' 8"

Opens into Exterior

3' X 6' 8"

Opens into Exterior

2' 6" X 6' 8"

Opens into BATHROOM

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Clean the surface area	1,228.00 SF	0.00	0.21	257.88

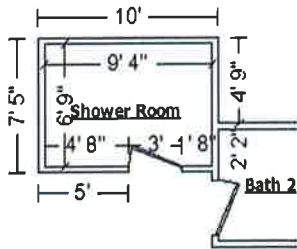


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CONTINUED - Office

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Note: The above mentioned item is to clean the drywall on the inside of the office as well as the outside of the office prior to painting.				
Clean door (per side)	4.00 EA	0.00	4.15	16.60
Clean door hardware	2.00 EA	0.00	3.83	7.66
Seal/prime then paint the surface area (2 coats)	1,228.00 SF	0.00	0.66	810.48
R&R Batt insulation - 6" - R19 - paper faced	399.78 SF	0.21	0.84	419.77
Suspended ceiling system - 2' x 4'	399.78 SF	0.00	1.95	779.57
R&R Cove base molding - rubber or vinyl, 4" high	75.33 LF	0.22	1.53	131.82
Remove Glue down carpet	399.78 SF	0.46	0.00	183.90
Glue down carpet	459.74 SF	0.00	2.00	919.48
15 % waste added for Glue down carpet.				
Totals: Office				3,527.16



Shower Room

Height: 9'

269.50 SF Walls	63.00 SF Ceiling
332.50 SF Walls & Ceiling	63.00 SF Floor
7.00 SY Flooring	29.17 LF Floor Perimeter
32.17 LF Ceil. Perimeter	

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Clean the walls	269.50 SF	0.00	0.21	56.60
Clean door (per side)	1.00 EA	0.00	4.15	4.15
Clean door hardware	1.00 EA	0.00	3.83	3.83
Clean vanity - inside and out	5.00 LF	0.00	6.05	30.25
Clean countertop	13.00 SF	0.00	0.46	5.98
Clean shower	1.00 EA	0.00	24.58	24.58
Clean tub / shower faucet	1.00 EA	0.00	8.23	8.23
Seal/prime then paint the walls (2 coats)	269.50 SF	0.00	0.66	177.87
R&R Batt insulation - 6" - R19 - paper faced	63.00 SF	0.21	0.84	66.15

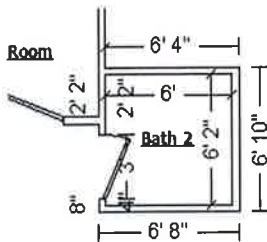


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CONTINUED - Shower Room

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Suspended ceiling system - 2' x 4'	63.00 SF	0.00	1.95	122.85
Totals: Shower Room				500.49



Bath 2

Height: 9'

199.00 SF Walls	37.00 SF Ceiling
236.00 SF Walls & Ceiling	37.00 SF Floor
4.11 SY Flooring	21.33 LF Floor Perimeter
24.33 LF Ceil. Perimeter	

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Clean the walls	199.00 SF	0.00	0.21	41.79
Clean door (per side)	1.00 EA	0.00	4.15	4.15
Clean door hardware	1.00 EA	0.00	3.83	3.83
Clean toilet	1.00 EA	0.00	12.47	12.47
Clean toilet seat	1.00 EA	0.00	2.69	2.69
Clean vanity - inside and out	2.00 LF	0.00	6.05	12.10
Clean countertop	4.00 SF	0.00	0.46	1.84
Clean sink faucet	1.00 EA	0.00	5.48	5.48
Seal/prime then paint the walls (2 coats)	199.00 SF	0.00	0.66	131.34
R&R Batt insulation - 6" - R19 - paper faced	37.00 SF	0.21	0.84	38.85
Suspended ceiling system - 2' x 4'	37.00 SF	0.00	1.95	72.15
Totals: Bath 2				326.69
Total: Main Level				190,117.72
Line Item Totals: GLENPOOLPUBLICWORKS				190,117.72



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Grand Total Areas:

11,192.29	SF Walls	16,532.22	SF Ceiling	27,724.51	SF Walls and Ceiling
16,532.22	SF Floor	1,836.91	SY Flooring	840.03	LF Floor Perimeter
0.00	SF Long Wall	0.00	SF Short Wall	881.12	LF Ceil. Perimeter
16,532.22	Floor Area	16,874.13	Total Area	11,192.29	Interior Wall Area
10,518.83	Exterior Wall Area	766.37	Exterior Perimeter of Walls		
0.00	Surface Area	0.00	Number of Squares	0.00	Total Perimeter Length
0.00	Total Ridge Length	0.00	Total Hip Length		



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Franchise #9317
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Summary for Dwelling

Line Item Total			190,117.72
Overhead	@	10.0%	19,011.86
Profit	@	10.0%	19,011.86
Replacement Cost Value			\$228,141.44
Net Claim			\$228,141.44

Dave Jones

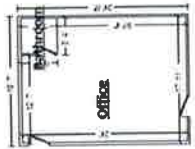
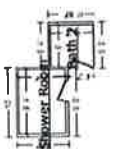
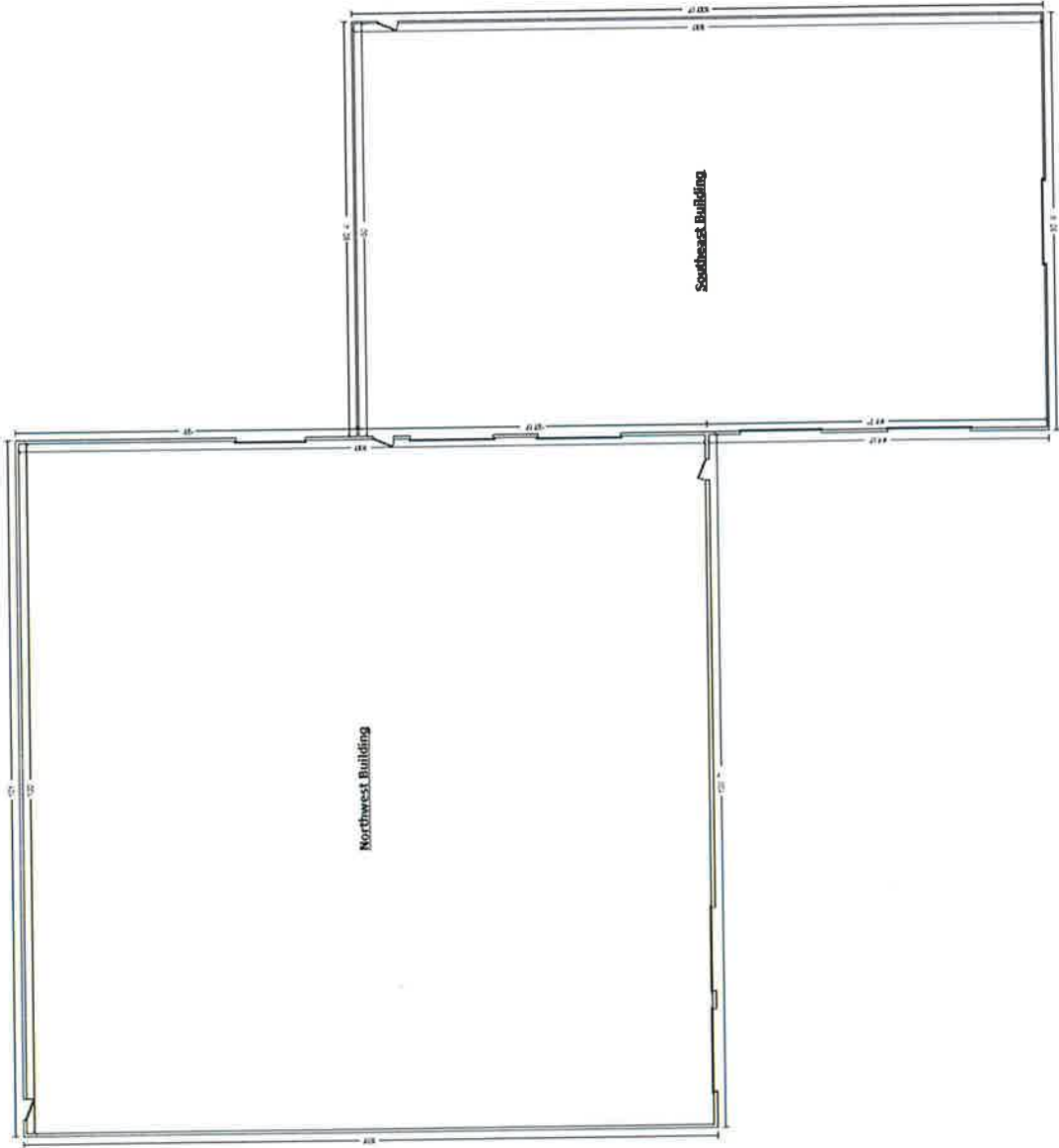


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Recap by Category

O&P Items			Total	%
ACOUSTICAL TREATMENTS			1,026.58	0.45%
CLEANING			11,893.77	5.21%
GENERAL DEMOLITION			13,140.45	5.76%
DOORS			5,367.60	2.35%
ELECTRICAL			2,486.56	1.09%
ELECTRICAL - SPECIAL SYSTEMS			1,273.80	0.56%
HEAVY EQUIPMENT			5,400.00	2.37%
FLOOR COVERING - CARPET			919.48	0.40%
FLOOR COVERING - VINYL			115.25	0.05%
HEAT, VENT & AIR CONDITIONING			7,736.31	3.39%
INSULATION			16,424.30	7.20%
LIGHT FIXTURES			9,789.19	4.29%
METAL STRUCTURES & COMPONENTS			86,120.58	37.75%
PLUMBING			3,997.08	1.75%
PAINTING			16,119.18	7.07%
ROOFING			2,197.44	0.96%
SOFFIT, FASCIA, & GUTTER			3,479.15	1.52%
STEEL COMPONENTS			2,631.00	1.15%
O&P Items Subtotal			190,117.72	83.33%
Overhead	@	10.0%	19,011.86	8.33%
Profit	@	10.0%	19,011.86	8.33%
Total			228,141.44	100.00%





Servpro of South Tulsa County #9317

Franchise #9317
14690 E. Pine St.
Tulsa, OK. 74116
Ph: (918) 437-2095
Fax: (918) 437-2090

Client: Glenpool Public Works Department Shop
Property: 503 W. 138th St.
Glenpool, OK 74033

Business: (918) 209-4613
Cellular: (918) 899-1293

Operator Info:

Operator: DAVE

Estimator: Dave Jones
Company: Servpro of South Tulsa County
Business: 14690 E. Pine Street
Tulsa, OK 74116

Business: (918) 437-2095

Reference:
Company: Servpro of South Tulsa County
Business: 14690 E. Pine Street
Tulsa, OK 74116

Business: (918) 437-2095

Type of Estimate:

Price List: OKTU7X_DEC13
Labor Efficiency: Restoration/Service/Remodel
Estimate: GLENPOOLPUBLICWORKS2

Please note, this is the estimate for contents inventory and cleaning in the affected area of the above mentioned address.



Servpro of South Tulsa County #9317

Franchise #9317
14690 E. Pine St.
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GLENPOOLPUBLICWORKS2

Contents

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Cleaning Technician - incl. cleaning agent - per hour to assist with inventory of contents within the affected areas in order to determine the viability of salvage and restoration - items will be separated into two categories, Salvageable and Unsalvageable - Cleaning of Salvageable items to commence upon request of client - (4) techs for (7) days each	224.00 HR	0.00	28.12	6,298.88
Note: The above mentioned item is an estimated amount of hours. Actual billing will only reflect exact hours.				
Totals: Contents				6,298.88
Line Item Totals: GLENPOOLPUBLICWORKS2				6,298.88



Servpro of South Tulsa County #9317

Franchise #9317
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Tulsa, OK. 74116
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Fax: (918) 437-2090

Summary for Dwelling

Line Item Total	6,298.88
Replacement Cost Value	\$6,298.88
Net Claim	\$6,298.88

Dave Jones

ACORDTM**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)

09/27/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER BB&T Insurance Services, Inc. 3605 Glenwood Ave Raleigh, NC 27612 919 716-9777	<table border="1"> <tr> <td colspan="2">CONTACT NAME:</td> </tr> <tr> <td>PHONE (A/C, No, Ext): 919 716-9777</td> <td>FAX (A/C, No):</td> </tr> <tr> <td colspan="2">E-MAIL ADDRESS:</td> </tr> <tr> <td colspan="2">INSURER(S) AFFORDING COVERAGE</td> </tr> <tr> <td>INSURER A: Restoration Risk Retention Grou</td> <td>NAIC # 12209</td> </tr> <tr> <td>INSURER B: National Union Fire Ins Co of P</td> <td>19445</td> </tr> <tr> <td>INSURER C:</td> <td></td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	CONTACT NAME:		PHONE (A/C, No, Ext): 919 716-9777	FAX (A/C, No):	E-MAIL ADDRESS:		INSURER(S) AFFORDING COVERAGE		INSURER A: Restoration Risk Retention Grou	NAIC # 12209	INSURER B: National Union Fire Ins Co of P	19445	INSURER C:		INSURER D:		INSURER E:		INSURER F:	
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INSURER C:																					
INSURER D:																					
INSURER E:																					
INSURER F:																					
INSURED Mill Ave, Inc. DBA Servpro of South Tulsa County; 14690 E. Pine Street Tulsa, OK 74116-2205																					

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY ☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PRO-JECT ☐ LOC	X	RGL060540	01/06/2013	01/06/2014	EACH OCCURRENCE \$2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$2,000,000 GENERAL AGGREGATE \$5,000,000 PRODUCTS - COMP/OP AGG \$5,000,000 COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ HIRED AUTOS ☐ SCHEDULED AUTOS ☐ NON-OWNED AUTOS					
B	UMBRELLA LIAB ☒ OCCUR EXCESS LIAB ☐ CLAIMS-MADE DED ☐ RETENTION \$		EBU034243734	07/29/2012	07/29/2013	EACH OCCURRENCE \$2,000,000 AGGREGATE \$2,000,000 \$ WC STATUTORY LIMITS ☐ OTH-ER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ Y / N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A				
A	Pollution		RPU060376	01/06/2013	01/06/2014	\$2,000,000/5,000,000
A	Professional		RMPL100143	01/06/2013	01/06/2014	\$250,000/250,000
A	Ltd. Service		RLS060836	01/06/2013	01/06/2014	\$250,000/250,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Coverage is included for disturbance of lead paint performed under the federal guidelines of the Environmental Protection agency for Lead-Based Paint Poisoning Prevention in Certain Residential Structures, 40 CFR 745.80 et seq.

(See Attached Descriptions)

CERTIFICATE HOLDER**CANCELLATION**

Servpro Ind.Inc
 Servpro Hold.Co.Inc; Ernet Prop.Resour.GrpLLC
 P O Box 1978
 Gallatin, TN 37066

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

[Signature]



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
1/31/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER APEX INSURANCE SERVICES 819 W Kenosha St Broken Arrow, OK 74012 (918) 392-0090		CONTACT NAME: Damon Bedell PHONE (A/C, No, Ext): (918) 392-0090 FAX (A/C, No): (918) 451-9690 E-MAIL ADDRESS: dbedell@apex-ins.net	
INSURED Mill Ave, Inc. dba Servpro of South Tulsa County 14690 E Pine St Tulsa, OK 74116 918-406-9721		INSURER(S) AFFORDING COVERAGE INSURER A: Midwest Employers Casualty Co INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR VWD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY						EACH OCCURRENCE \$
	COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	CLAIMS-MADE ☐ OCCUR ☐						MED EXP (Any one person) \$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY \$
	☐ POLICY ☐ PRO-JECT ☐ LOC						GENERAL AGGREGATE \$
	AUTOMOBILE LIABILITY						PRODUCTS - COMP/OP AGG \$
	ANY AUTO						
	ALL OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$
	HIRED AUTOS						BODILY INJURY (Per person) \$
	SCHEDULED AUTOS						BODILY INJURY (Per accident) \$
	NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB						
	EXCESS LIAB						EACH OCCURRENCE \$
	DED ☐ RETENTION \$ ☐						AGGREGATE \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N ☐	N/A	BNUWC00119257	2/1/2013	2/1/2014	☒ WC STATUTORY LIMITS ☐ OTH-ER
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. EACH ACCIDENT \$ 100,000
							E.L. DISEASE - EA EMPLOYEE \$ 100,000
							E.L. DISEASE - POLICY LIMIT \$ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER**CANCELLATION**

Servpro Industries
Servpro Holding Company Inc.
ERnet Property Resource Group, LLC
PO Box 1978
Gallatin, TN 37066
Attn: Credit Department

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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CERTIFICATE OF INSURANCE

This certificate is issued for informational purposes only. It certifies that the policies listed in this document have been issued to the Named Insured. It does not grant any rights to any party nor can it be used, in any way, to modify coverage provided by such policies. Alteration of this certificate does not change the terms, exclusions or conditions of such policies. Coverage is subject to the provisions of the policies, including any exclusions or conditions, regardless of the provisions of any other contract, such as between the certificate holder and the Named Insured. The limits shown below are the limits provided at the policy inception. Subsequent paid claims may reduce these limits.

Certificate Holder: BB&T INSURANCE SERVICES, INC 3605 GLENWOOD AVE STE 190 RALEIGH, NC 27612-3908	Named Insured: MILL AVE, INC 14690 E. PINE STREET TULSA OK 74116
---	--

Automobile Liability			
Insurer Name: Allstate Insurance Company			
Policy Number: 048332752			
☐ 1 – Any Auto	☐ 2 – Owned Autos Only	☐ 3 – Owned Priv. Pass. Autos Only	
☐ 4 – Owned Autos Other Than Priv. Pass. Autos Only	☐ 5 – Owned Autos Subject to No Fault	☐ 6 – Owned Autos Subject to a Compulsory UM Law	
☒ 7 – Specifically Described Autos	☐ 8 – Hired Autos Only	☒ 9 – Non-owned Autos Only	
Policy Effective Date: 05-02-2013		Policy Expiration Date: 05-02-2014	
Limits Of Insurance:	\$ 1,000,000	Combined Single Limit (each accident)	
	BI Per Person	BI Per Accident	PD Per Accident
Description of Operations/Locations/Vehicles/Endorsements/Special Provisions			

Interested Party Type: CERTIFICATE HOLDER
THIS CERTIFICATE DOES NOT GRANT ANY COVERAGE OR RIGHTS TO THE CERTIFICATE HOLDER. IF THIS CERTIFICATE INDICATES THAT THE CERTIFICATE HOLDER IS AN ADDITIONAL INSURED, THE POLICY(IES) MUST EITHER BE ENDORSED OR CONTAIN SPECIFIC LANGUAGE PROVIDING THE CERTIFICATE HOLDER WITH ADDITIONAL INSURED STATUS. THE CERTIFICATE HOLDER IS AN ADDITIONAL INSURED ONLY TO THE EXTENT INDICATED IN SUCH POLICY LANGUAGE OR ENDORSEMENT.

Producer: JIMMY WILLIS INS SERVICES	
Authorized Representative:	
Date:	



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FIRE & WATER CLEANUP & RESTORATION

Mill Ave. Inc. dba SERVPRO of South Tulsa County
14690 E. Pine St.
Tulsa, OK. 74116
(918) 437-2095 – P
(918) 437-2090 – F
(918) 406-9721 – C
dave@servprosouthtulsa.com

Grizzly Mountain Mercantile, Tulsa, OK

An 11,200sf metal building Commercial Fire requiring the removal and replacement of wall and roof panels in order to remove and replace the vinyl insulation. Also removed and replaced several structural z-purlins. Complete overhaul of phone/data/security system. Partial electrical rewire. (\$350,000.00)

East China Buffet, Bixby, OK

Restaurant fire requiring the Removal and replacement of the entire roof truss system in a systematic fashion as to not further damage the interior finishings. Complete commercial electrical rewire required, as well as a complete HVAC system replacement. (380,000.00)

Badgett Corporation, Chickasha, OK

Restoration and remodel of a 15,000sf machine shop after a fire had destroyed the older shop. Facilitated a complete, large scale commercial electrical project in order to expedite the movement of heavy machinery. Replaced entire HVAC system and added on ADA compliant restrooms. (\$750,000.00)

Observation Point Apartments, Tulsa, OK.

18,000sf multi unit apartment fire requiring a complete removal and replacement of all building materials down to the studs and joists. Removal and replacement of roof systems required as well. (\$950,00.00)



FIRE & WATER CLEANUP & RESTORATION

Mill Ave. Inc. dba SERVPRO of South Tulsa County
14690 E. Pine St.
Tulsa, OK. 74116
(918) 437-2095 – P
(918) 437-2090 – F
(918) 406-9721 – C
dave@servprosouthtulsa.com

Honeycutt Manufacturing

Allstar Heat & Air

Anytime Electric

Drywall Repair Specialists

Techsico

Lowes

Home Depot

SERVPRO of South Tulsa County



Proposed Construction Schedule for Glenpool Public Works Department Shop

Commencement of the construction will begin at the request of the client. Completion of the project is estimated to take between eight to ten weeks from the date mentioned above.

Customer's Signature: _____

Printed Name: _____

Date: _____

Provider's Signature: _____

Date: _____



**CITY of GLENPOOL
Request for Proposal**

Addenda No. 1

Date: December 30, 2013

To Whom It May Concern,

The City of Glenpool is hereby issuing an official Addendum (Addenda No. 1) to a certain published REQUEST FOR PROPOSAL (RFP) covering a Building Fire Restoration Project (PROJECT) described in various public advertisements and associated solicitation document packages dated December 6, 2013.

The project advertisement and Information for Contractors issued in the original RFP documents and subsequently advertised for the PROJECT reads as follows:

PROPOSALS covering all materials, labor, equipment, and subcontractor services necessary for the full restoration of a certain Public Works Department building structure, equipment, and its contents damaged by a fire incident (the PROJECT) will be received by the City of Glenpool (hereinafter called the OWNER), at 12205 South Yukon Avenue in Glenpool, Oklahoma until 5:00 p.m., January 10, 2014. After such time, all PROPOSALS received shall be privately opened, read, and be evaluated to initiate the process whereby the Glenpool City Council approves a CONTRACTOR selection, recommended by City Staff, and authorizes entering into a CONTRACT with such CONTRACTOR to accomplish the scope of work detailed in the submitted PROPOSAL.

Such statement is hereby modified and amended as follows and shall supersede this part of the original advertisement and supporting document package for the PROJECT:

PROPOSALS covering all materials, labor, equipment, and subcontractor services necessary for the full restoration of a certain Public Works Department building structure, equipment, and its contents damaged by a fire incident (the PROJECT) will be received by the City of Glenpool (hereinafter called the OWNER), at 12205 South Yukon Avenue in Glenpool, Oklahoma until 10:00 a.m., January 10, 2014.

After such time, all PROPOSALS received shall be publically opened and read to initiate the process whereby the Glenpool City Council approves a CONTRACTOR selection, as evaluated and recommended by City Staff, and authorizes entering into a CONTRACT with such CONTRACTOR to accomplish the scope of work detailed in the submitted PROPOSAL.

All responding Contractors are required to include and attach a copy of this ADDENDA NO. 1 to any proposal submitted for evaluation. Questions may be directed to the Glenpool Community Development Department for clarification. (918 322 5409)

Glenpool Community Development Director:

A handwritten signature in black ink, appearing to read "Lynn Burrow", written over a horizontal line.

Lynn Burrow, PE

Greg Diebold
Burggraf Restoration
918 830 9672
gdiebold@burggrafservices.com

John Ontiverous
Assurance Restoration
918 295 8400
john@assurancerestoration.com

Larry Landsteiner
TRC Disaster Solutions
918 830 8150
larry@trcteam.com

Serve Pro
Pam Donaldson
918 437 2095
sp9317@yahoo.com

ESPO Fire & Water Restoration
Robert Williams
918 404 5105
Robert@espoconstruction.com

IDG Homes
Keith Jones
918 830 1440
keith@idghomesok.com;

Blackmon/Mooring Restoration
Don Logsdon
918 644 8283
dlogsdon@bmsmanagement.com;

Service Master
Meagan
918 731 4229
meagan@servetulsa.com;

World Wide Restoration
Nathan Butterfield
918 693 1443
Nathan_worldwide@cox.net;

Tulsa Fire & Water Damage Restoration
Paul Parker
918 4610358
pp4204@gmail.com;

Paul Davis Restoration

Scott Rackers

918 830 6425

Jolene Walker

918 663 5848

jwalker@pdrtulsa.com:

Fletcher Duncan

Duncan Cleaning & Restoration, LLC

918 665 3788

Duncanrestoration7@sbcglobal.net



To: Dennis Waller, Interim City Manager
HONORABLE CHAIRMAN AND GUSA TRUSTEES

From: Charles Barnes, CPA
Finance Director

Date: January 30, 2014

Subject: Request for Amendment to Budget

The Glenpool Utility Services Authority Budget needs to be amended to reflect the recent fire and needed restoration of the Public Works building. I am recommending that the estimated revenue be adjusted by \$221,910 to reflect the insurance reimbursement expected from Oklahoma Municipal Assurance Group on our claim. This amount includes the proposed amount needed to repair and refurbish the building less depreciation.

Regarding the expenditure side of the GUSA Budget, there is the proposed contract to repair and refurbish the Public Works building by a contractor to be selected by the GUSA trustees. This proposed contract is in the amount of \$234,440. The excess over the revenue increase proposed will come from Contract Services.

I am therefore asking you to approve a \$221,910 increase to the GUSA Fund revenue budget and a \$221,910 increase to the expenditure budget, per the attached budget amendment presentation.

GUSA - Water/Sewer Department

	Original FY13 Budget	Current FY13 Budget	Projected Year End FY13	Approved FY14 Budget	Proposed FY14 Budget Revision
Total Personnel Services	208,433.00	214,791.00	211,135.00	230,997.00	230,997.00
Supplies					
Office Supplies	9,500.00	9,500.00	2,875.00	6,000.00	6,000.00
Operating Expenses	35,000.00	65,000.00	62,790.00	57,000.00	57,000.00
Fuel	10,000.00	9,350.00	5,420.00	5,700.00	5,700.00
Smal Tools & Minor Equipment	500.00	500.00	120.00	250.00	250.00
Total Supplies	55,000.00	84,350.00	71,205.00	68,950.00	68,950.00
Other Services & Charges					
Telephone	20,000.00	30,000.00	29,615.00	30,000.00	30,000.00
Electric	135,000.00	135,000.00	137,600.00	140,000.00	140,000.00
Gas	25,800.00	25,800.00	24,365.00	25,000.00	25,000.00
Water Purchases	951,850.00	951,850.00	956,265.00	1,100,000.00	1,100,000.00
Insurance	39,000.00	39,000.00	44,024.00	37,000.00	37,000.00
Postage	25,700.00	25,700.00	24,455.00	25,000.00	25,000.00
Contract Services	974,000.00	974,000.00	1,073,070.00	1,611,007.00	1,535,342.00
Audit Fees	10,500.00	11,793.00	11,793.00	12,500.00	25,750.00
Interest Expense	1,353,257.00	1,256,256.00	309,155.00	260,000.00	1,194,250.00
Adminstrative Services	43,000.00	43,000.00	30,630.00	32,000.00	32,000.00
Economic Development	45,000.00	45,000.00	38,490.00	45,000.00	45,000.00
Legal Services	-	50,000.00	35,465.00	50,000.00	50,000.00
Total Other Services & Charges	3,623,107.00	3,587,399.00	2,714,927.00	3,367,507.00	4,239,342.00
Travel & Training					
Travel & Training	3,000.00	3,000.00	-	3,000.00	3,000.00
Total Travel & Training	3,000.00	3,000.00	-	3,000.00	3,000.00
Repair & Maintenance					
Vehicle Repairs & Maintenance	400.00	400.00	-	400.00	400.00
Equipment Repairs	1,800.00	1,800.00	-	1,800.00	1,800.00
Repair & Maint. Supplies	2,800.00	2,800.00	-	2,800.00	2,800.00
Total Repair & Maintenance	5,000.00	5,000.00	-	5,000.00	5,000.00
Miscellaneous / Transfers / Bond Expenses					
Membership Dues	2,810.00	2,810.00	45.00	1,000.00	1,000.00
Vehicle Lease Expense	-	-	-	-	8,155.00
Bond Trustees Fees	22,000.00	29,900.00	29,900.00	22,550.00	22,550.00
Transfer to General Fund	205,119.00	205,119.00	205,119.00	205,119.00	205,119.00
Transfer to Debt Service	72,700.00	72,700.00		72,700.00	-
Bond Expenses	2,577,980.00	2,595,080.00	1,692,280.00	819,820.00	-
Insurance Flow-Thru Expenses	-	-	-	-	234,440.00
OWRB Loan Expenses	2,218,210.00	2,218,210.00	1,818,350.00	341,000.00	341,000.00
Total Misc / Transfers / Bond Exp	5,098,819.00	5,123,819.00	3,745,694.00	1,462,189.00	812,264.00
Transfer to Capital	285,500.00	260,500.00	285,500.00	285,500.00	285,500.00
Total GUSA - Water/Sewer Dept	9,278,859.00	9,278,859.00	7,028,461.00	5,423,143.00	5,645,053.00

MEMORANDUM

**TO: CHAIRMAN AND BOARD MEMBERS
GLENPOOL UTILITY TRUST AUTHORITY**

**FROM: LYNN BURROW, PE
COMMUNITY DEVELOPMENT DIRECTOR**

**RE: ENGINEERING STUDY: LONGHORN SANITARY SEWER
COLLECTION AND PUMPING SYSTEM**

DATE: JANUARY 29, 2014

BACKGROUND

This item is for Board consideration and action regarding the results of an engineering study produced by SKW, Inc. Consulting Engineers. As you will recall, this engineering study was commissioned to research handling capacities pertaining to an existing sanitary sewer collection and pumping system serving an area of the City generally north of 126th Street and west of Coal Creek Landing subdivision. This study was also specifically commissioned to provide an accurate determination of the existing pumping capacity of the Longhorn liftstation as well as that of the various sewerage collection and forcemains that flow into, and discharge from, this facility. In view of the fact that the existing liftstation improvements were installed in 1999, and normal life expectancy of sewerage pumps and motors is usually in the range of 15-20 years of operation, it was felt that this type of engineering study was quickly becoming necessary due to past and upcoming development within the watershed served by this facility. The initial goal of this study was to not only understand the current condition of the equipment, but to predict the viability of either making modifications to the existing facility or a complete station replacement that may become necessary as the City grows in population. The following items result from the investigative field work done at the liftstation and the resulting engineering analysis performed to identify and recommend improvements necessary to upgrade the station and related equipment to meet future demands:

- Field testing on the existing pumping and control equipment reveals that the original design capacity of the liftstation has declined from 400 gpm to approximately 200 gpm. This reduction is likely caused by wear and tear of the pump impellers and volutes over the fifteen years the station has been in operation.
- The study finds that the existing peak inflow rate at the liftstation is approximately 156,000 gpd currently and is predicted to increase to approximately 611,000 gpd by the year 2034 (20 year life expectancy).
- The additional sewerage flows to be anticipated with the 350 unit Grandview Heights apartment complex to be constructed in MonTapp Addition will bring anticipated peak flow to approximately 247 gpm, thus exceeding the current 200 gpm pumping capacity of the liftstation.

- The recommended equipment modifications are generally limited to two new 500 gpm submersible pumps, motors, and certain electronic control equipment; the replacement of certain 4" ID valves on the discharge forcemain increasing that size to 6" ID; the installation of a standby power generator to operate the station during times of emergency, and the installation of perimeter security fencing enclosing the entire facility.
- The preliminary engineer's estimate of cost for these improvements total approximately \$202,000.

It should be noted that the study is based on current ODEQ requirements related to calculating projected watershed development, determining the resulting average and peak wastewater discharge, and taking into account the City's adopted Comprehensive Masterplan used by the City to manage future zoning and growth patterns. Actual development and water usage may vary somewhat from estimated volumes in the study as this part of the City develops and grows in the future. However, as stated in the study, the recommended station modifications should be adequate for a twenty (20) year service life. *It should be especially noted, that the Grandview Heights apartment complex will trigger the need to upgrade the station within 12-15 months of groundbreaking for this project.*

Funding for the recommended liftstation upgrades is proposed to come from three different sources. The first source for partial funding is from the existing OWRB construction loan that was put in place to finance the Shell liftstation replacement and the break-point chlorination chemical treatment process added to the City's wastewater treatment facility. The un-spent amount remaining in that loan is currently \$53,700. A second source of funds will be from City infrastructure impact fees and a portion of the building permit fees that will be charged to, and collected from, the Grandview Heights apartment complex. That amount is currently calculated to be approximately \$61,000 of the \$274,800 total permit related fees that will be due for the apartment project as a whole. The balance of approximately \$87,000 will need to be accounted for, and will likely come from the 2014/2015 GUSA fiscal year budget. The immediate goal is to move ahead with the final engineering design of the recommended improvements to this liftstation and develop the required construction documents and specifications necessary to competitively bid the work in order to be ready to initiate the project as soon as adequate funding is secured.

Recommendation:

At this time, Staff is asking Board consideration and approval to accept this Engineering Study and its recommended improvements to the Longhorn liftstation and to authorize SKW, Inc. to proceed with the development of actual construction documents and specifications covering those recommended improvements as was a part of the overall scope of services listed in the original professional services agreement covering this project.

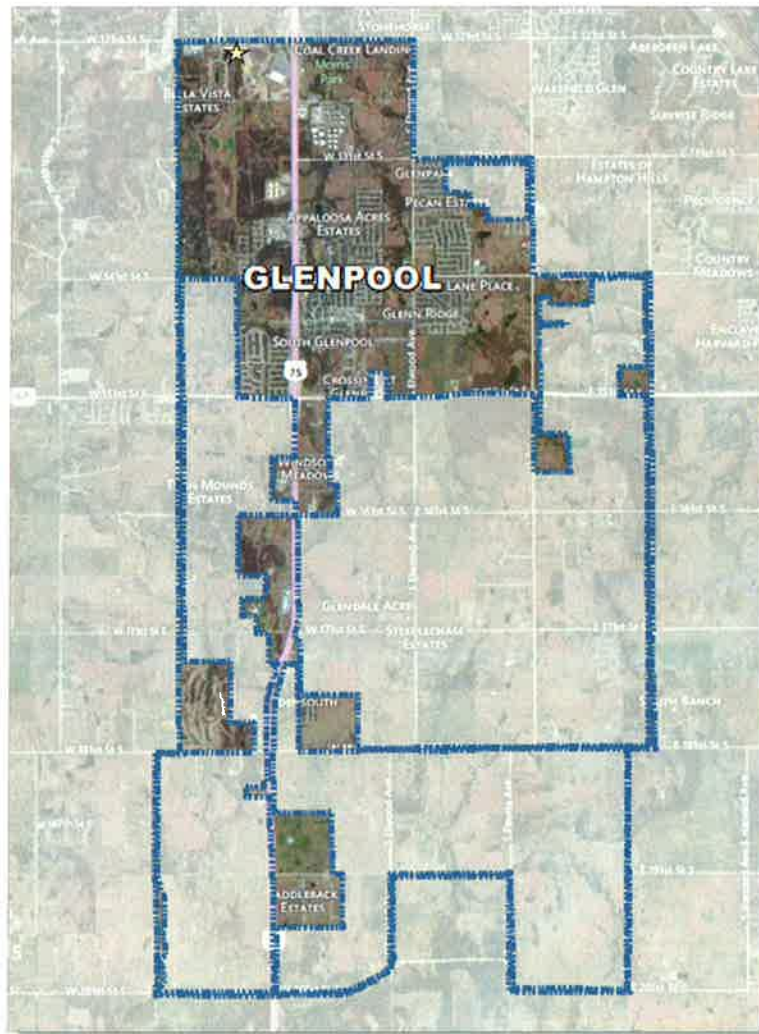
Attachments:

A. Final Engineering Report

Longhorn Lift Station Upgrade Engineering Report

City of Glenpool, Oklahoma

January 2014



Shafer, Kline & Warren, Inc.
11250 Corporate Ave.
Lenexa, KS 66219
913-888-7800



City of Glenpool, Oklahoma

Longhorn Lift Station Upgrade
Engineering Report

January 2014

Daniel Coltrane, P.E.
PE-23060

I HEREBY CERTIFY THAT THIS REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER EXISTING UNDER THE LAWS OF THE STATE OF OKLAHOMA.

Table of Contents

1.0	PURPOSE & SCOPE.....	1
1.1	2012 Master Plan Report.....	1
1.2	Impact of Montapp Development	1
1.3	Evaluation of Alternatives for Longhorn Lift Station	1
1.4	Recommendations for Improvements to Longhorn Lift Station	1
2.0	PROJECT PLANNING.....	2
2.1	Planning Area.....	2
2.1.1	Geotechnical	2
2.1.2	Environmental Considerations	2
2.2	Design Period.....	3
2.3	Growth Trends & Projections	3
2.3.1	Basin CCB1	3
2.3.2	Basin PLCB6	4
2.3.3	Basin CCB2	5
2.3.4	Growth Comparison to the 2012 Master Plan.....	5
2.4	Current & Projected Wastewater Flows.....	6
2.4.1	Projected Flows for Longhorn Lift Station	6
2.4.2	Projection Comparison to the 2012 Master Plan Report.....	6
3.0	EXISTING FACILITIES & NEED FOR PROJECT	8
3.1	Location and Layout	8
3.2	Condition of Existing Facilities and System O&M.....	8
3.3	Design Hydraulics.....	9
4.0	DESIGN ALTERNATIVES	10
4.1	Alternative 1: Increase Pump Capacity.....	10
4.2	Alternative 2: Increase Wetwell Capacity.....	10
4.3	Alternative 3: Increase Forcemain Capacity	10
5.0	PROPOSED PROJECT DESIGN AND COST ESTIMATE.....	11
5.1	Longhorn Lift Station Recommended Modifications.....	11
5.1.1	Replace Existing Pumps	11
5.1.2	Modifications to the Existing Wetwell	11
5.1.3	Piping Modifications	11
5.1.4	Additional Lift Station Modifications.....	12
5.2	Recommended Alternative Cost Estimate.....	12

Figures

Figure 2-1: General Location of Glenpool, OK in Tulsa County	2
Figure 2-2: Population Trends & Projections for Glenpool, OK	3
Figure 2-3: Zoning & Development in Basin CCB1	4
Figure 2-4: Zoning & Development in Basin PLCB6	4
Figure 2-5: Zoning & Development in Basin CCB2	5
Figure 3-1: Longhorn Lift Station Contributing Collection System	8
Figure 3-2: I&I Analysis - Wastewater Flows vs. Groundwater Conditions	8

Tables

Table 2-1: Projected Flows for the Longhorn Lift Station Service Area	6
Table 2-2: 2012 Master Plan Projected Flows	7
Table 3-1: Maximum Projected Design Flows in Lift Station Inflow Lines	9
Table 5-1: Flow Characteristics of the Existing 8-inch Forcemain	11
Table 5-2: Engineer's Opinion of Probable Costs	12

Appendices

Appendix A - Acronyms and Abbreviations
Appendix B - NRCS Soil Survey
Appendix C - Project Area Maps: FEMA Floodplains, FWS Wetlands, USGS Topographic
Appendix D - Lift Station Runtime Logs
Appendix E - Existing Wetwell Capacities
Appendix F - Flow Projection Calculations
Appendix G - Example Pump Selections
Appendix H - Proposed Wetwell Operation

1.0 PURPOSE & SCOPE

The City of Glenpool, Oklahoma (City) retained Shafer, Kline & Warren, Inc. (SKW) to complete an analysis of the Longhorn Lift Station.

1.1 2012 Master Plan Report

The 2012 Master Plan Report was made available to SKW for use during this study. The sections that apply to the Longhorn Lift Station were reviewed in more detail and the service area and population projections reanalyzed for validity. This includes a more detailed analysis of the existing lift station capacity and its capacity to handle future development.

1.2 Impact of Montapp Development

The proposed Montapp Development may have a major impact on the wastewater capacity of the Longhorn Lift Station. The existing collection system that would be impacted by the new development was analyzed to ensure that it has adequate capacity to handle the increase in wastewater flows.

1.3 Evaluation of Alternatives for Longhorn Lift Station

The wastewater flow rate to the Longhorn Lift Station was reevaluated based upon additional flows that are anticipated from the pending apartment complex and other new developments. The existing flows through the lift station were verified by utilizing pump run times and historical records provided by the Glenpool Utility Services Authority (GUSA). The additional flows from the new development were added to the existing flows and projected future flows to determine how much additional capacity will be required for the Longhorn Lift Station.

Alternatives were evaluated for expanding the lift station including upsizing pumps in the existing wetwell, adding a new wetwell with larger pumps, and impacts on the existing forcemain. An alternative for phased construction was evaluated to determine if it is practical and economical to replace the existing pumps with larger pumps, and to determine how much more capacity is available through the existing forcemain, valves, and wetwell. Another alternative evaluated was the phased installation of a new wetwell with interim pumps for the existing forcemain that can later be upsized along with the installation of an upsized forcemain when the additional capacity is required.

1.4 Recommendations for Improvements to Longhorn Lift Station

Estimates of probable construction costs were generated for the alternatives for expanding the Longhorn Lift Station. This report includes these costs as well as the advantages and disadvantages of the proposed alternatives and the Engineers' recommended design.

2.0 PROJECT PLANNING

Glenpool, Oklahoma is located in the southwestern corner of Tulsa County, approximately 15 miles south of the City of Tulsa, OK on US Route 75. The city limits and subsequent sewer service area covers approximately 10.3 square miles. The total area within the city limits, along with those areas that have not been annexed into a city but are surrounded by the city limits, is actually 28 square miles. As these areas could potentially become part of the service area in the future, it was considered for possible development and additional wastewater flows.

Figure 2-1: General Location of Glenpool, OK in Tulsa County



2.1 Planning Area

The planning area for this project consists of the Longhorn Lift Station and its service areas. The Longhorn Lift Station is on the far northern end of the sewer system, providing service for the two northern most sub-basins of the Coal Creek drainage basin (identified as CCB1 and CCB2 in the 2012 Master Plan Report), as well as the northernmost sub-basin in the Polecat Creek drainage basin (PLCB6).

Sub-basin CCB1 consists of residential estates, the Glenpool City Hall, and some commercial and industrial developments. A number of future developments are proposed for this area, including a 400-unit apartment complex and two 100-unit hotels. CCB2 consists primarily of large residential properties, though there is also a hotel and a small amount of commercial development in this area as well. PLCB6 contains only a small number of residential properties at present, and no existing sewer service in this area. However, this area has the potential for further residential development, and has therefore been included in the future projections as well.

2.1.1 Geotechnical

The soils around the lift station are a Dennis-Radley complex, which is a clayey residuum weathered from shale, characteristically classified as a silty loam or clay. Slopes are mild and typically 3-8% in grade. The soils in this area are somewhat poorly drained, though neither flooding nor ponding is an issue. The depth to the water table is shallow at only 12 to 30 inches, while the bedrock is at more than 80 inches. The NRCS Soil Survey for the lift station site is included in Appendix B.

Per the US Fish & Wildlife service, no known wetland classifications are located in the project planning area. The lift station and access roads are at a minimum elevation of 678 ft, which is well above the nearby FEMA 100-year flood elevation of 650 ft. A USGS topographic map, FWS wetlands map, and FEMA flood insurance rate map for the project area are included in Appendix C.

2.1.2 Environmental Considerations

All proposed design alternatives for the Longhorn Lift Station are located in street right-of-way or previously disturbed areas and thus is expected to have a minimal impact on the environment. Potential impacts that were considered include, but are not limited to, the disturbance of flood plain areas, wetlands, cultural or historical sites, and the degradation of water quality due to the erosion of soil disturbed during construction. For all recommended

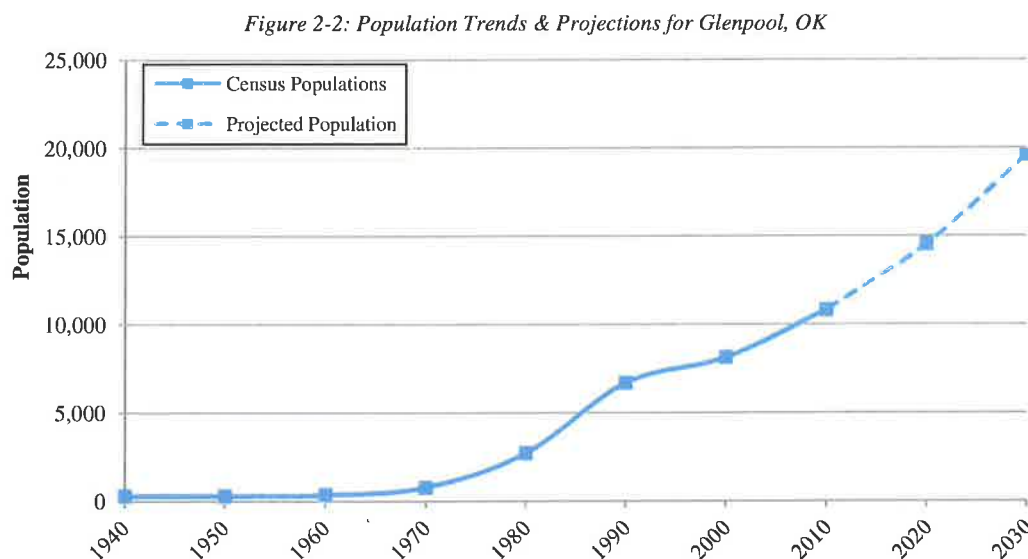
improvements, the regulations of ODEQ and other governing authorities for erosion control and land disturbance should be met.

2.2 Design Period

The design life for this project is the 20-year period from 2014 to 2034. This is a reasonable estimate based on the useful life of the mechanical equipment. All projected population changes which are expected within this time frame have been taken into account for the proposed changes of this project.

2.3 Growth Trends & Projections

The City experienced great growth during the 1970s and 1980s. Though the influx has slowed slightly over recent decades, it has remained a steady 2% to 3% growth during this time. Based on recent trends, a 3% annual growth rate is a reasonable estimate for the City. Figure 2-2 below shows the historical development of the City per US Census Bureau decennial records, as well as the projected populations to 2030 as determined in the 2012 Master Plan Report and this PER.



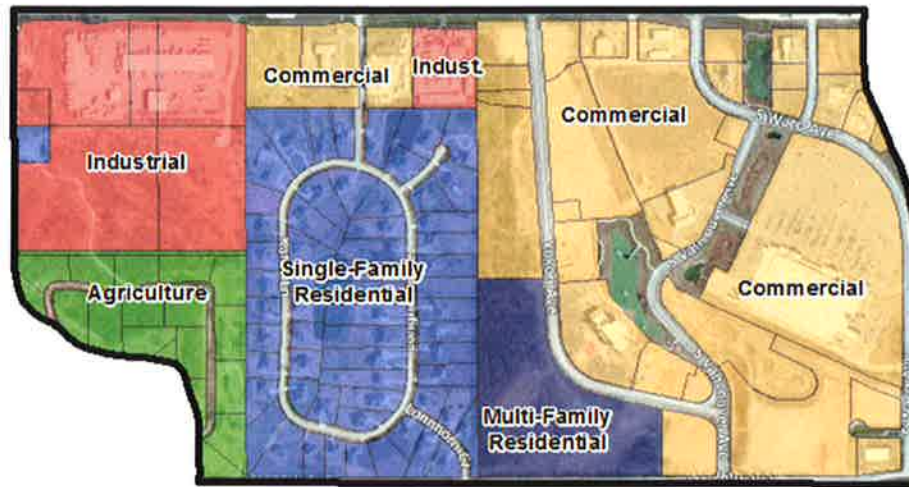
As this report is intended only for the areas which impact the Longhorn Lift Station, the population projections had to be verified to address only these specific areas.

2.3.1 Basin CCB1

Basin CCB1 is the most developed of the three. It consists of approximately 295 acres zoned for residential, commercial, industrial, and agriculture, though 40 of these acres are undevelopable as street right of ways, surface water, and drainage basins. The 59-acre Longhorn Estates residential development is nearly completely developed, with only 7 of the 59 remaining lots available. The section to the southwest which is currently zoned for agriculture also has the potential for future residential development with an addition 15 lots.

The Montapp development is planned for the parcel identified as Multi-Family Residential. It shall have 400 units, or an equivalent population of 800 at a rate of 2 capita per home. Apartment complexes and multi-family residences typically have slightly lower per capita occupancy than single family residences, thus the standard 2.5 capita per home that is seen in the rest of the City was not used here. The commercial and industrial parcels each have room for additional growth at existing development percentages of 39% and 49%, respectively. Figure 2-3 below show the zoning and development currently within the CCB1 basin.

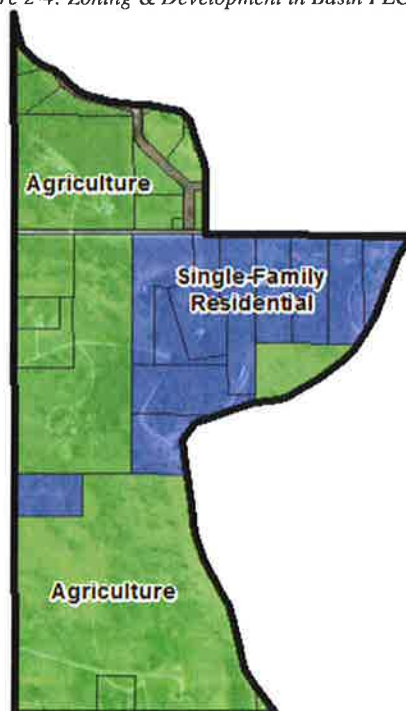
Figure 2-3: Zoning & Development in Basin CCB1



2.3.2 Basin PLCB6

Basin PLCB6 lies to the southwest of CCB1 and consists entirely of residential and agricultural land. At 98 acres total, 30 acres are zoned for residential and are all developed. Additionally, 18 of the 68 acres zoned for agriculture have also been developed. These properties are all larger acreage and currently not connected to any sewer system. Therefore, standard design flows for specified land use were used to determine the possible contributions of this drainage basin to the Longhorn Lift Station.

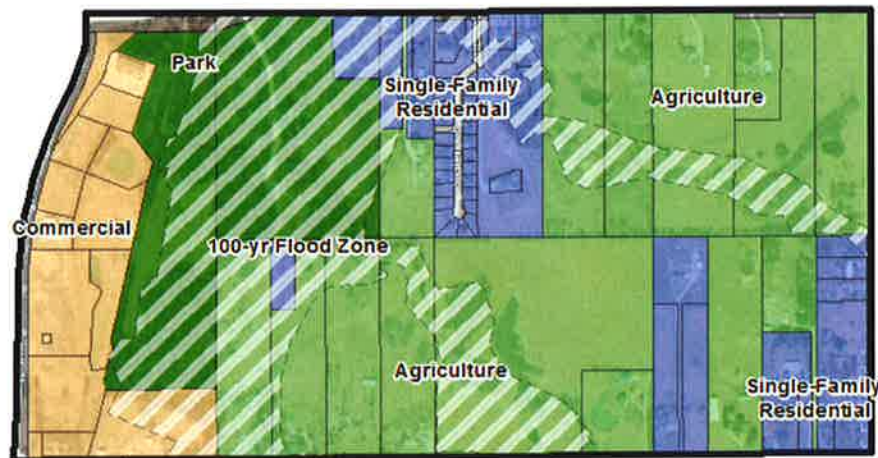
Figure 2-4: Zoning & Development in Basin PLCB6



2.3.3 Basin CCB2

Basin CCB2 lies on the east side of Highway 75. As Coal Creek runs through this basin, the FEMA 100-year flood zones occupy nearly one third of the 312-acre basin. These areas are indicated by the grey crosshatch in Figure 2-5 below. Like basin PLCB6, much of the land consists of large acreage residential or agricultural properties which are currently not a part of the existing sewer system. However, it is possible for these properties to be subdivided into smaller parcels and developed into more densely populated areas. The land which falls within the FEMA 100-year flood zone was considered to be non-developable and was held exempt from the projected growth scenarios discussed in section 2.3.4 below. The park land was also considered to be exempt from future developments.

Figure 2-5: Zoning & Development in Basin CCB2



2.3.4 Growth Comparison to the 2012 Master Plan

To determine a reasonable growth rate for the basins in the Longhorn Lift Station, the remaining developable acreage for each type of zoning had to be considered. The heaviest development is likely to be in the commercial areas of CCB1 and CCB2 along Highway 75. These areas are only halfway developed at present, and already have direct access to the collection system. This includes the Montapp apartment complex and possible hotel developments. The possible growth in this area for a 20-year design period approximately equates to the annual average growth of 3% projected for the rest of the City. However, this growth factor applies for only 30% of the total lift station service area.

Another 15% of the service area is also currently connected to the collection system. However, these areas are the residential and industrial areas which are almost entirely developed. The remaining possible growth in these areas is an average annual increase of approximately 0.6% for the design period.

In total only 45% of the service area is currently contributing flow to the Longhorn Lift Station. The developed portions of these areas are fairly equally split between residential and commercial/industrial in terms of overall acreage. As typical per-acre design values for commercial and industrial applications are nearly double those of low-density residential, 65% of the existing flows were attributed to commercial and industrial regions, and the remaining 35% to the residential. Therefore, 65% of the flows are projected to have an annual 3% growth and 35% of the flows to have a 0.6% growth, or a total 2.2% annual growth for the areas currently on the collection system.

The remaining 55% of the service area is not presently served by the collection system and all potential flows in these areas would be in addition to existing conditions. The flows from these areas, less those within the 100-year flood zone, were calculated based on acreages and land use zoning.

2.4 Current & Projected Wastewater Flows

2.4.1 Projected Flows for Longhorn Lift Station

Pump runtime logs were provided for the Longhorn Lift Station from July through December of 2012. The existing pumps are each rated at a capacity of 400 gpm; however, recent drawdown tests showed that the pump outputs were 222 gpm and 195 gpm, respectively. Based on these logs and the calculated pump rate, the average daily flow is 51,000 gpd with peak flows up to 156,000 gpd. The pump logs are included in Appendix D, with drawdown calculations shown on the existing wetwell capacities in Appendix E.

It should be noted that inflow was not measured at the time of the drawdown test; therefore, an inflow of 100 gpm was assumed. This is a conservative estimate that is towards the high end of what flow rate was likely seen. By assuming a slightly higher inflow, the projected average day and max day flows obtained by the pump logs will also be higher, thereby creating a safety factor in the design flow rate.

At an assumed average growth rate of 2.2% annually, the 20-year design flows for the existing service areas would be an average 78,800 gpd. The planned Montapp apartment complex is also another large future contributor and also had to be taken into account. The equivalent population of the Montapp development is 800 which, at a design flow rate of 100 gpdpc, yields an average daily flow of 80,000 gpd.

Of the remaining 385 acres not currently on the collection system, approximately 100 acres were considered to be undevelopable because they are located in 100-year flood zones or street right of ways. The leaves 285 acres of developable residential and agricultural land which could potentially be developed into higher density residential areas. Approximately 35% of the existing flows are generated by the developed 68 acres of residential properties, which is an average design flow of 263 gpd/acre. A more conservative value of 300 gpd/acre was used for estimating flow from the remaining developable residential areas. Should the rest of the residential and agricultural areas develop to a similar density, this would yield an additional average daily flow of 78,800 gpd.

Between the growth of the existing areas on the collection system and the potential addition of the remaining areas within the drainage basins, the 20-year projected designs flows would be 244,300 gpd average and 610,750 gpd peak. The flow projection calculations are included in Appendix F of this report.

Table 2-1: Projected Flows for the Longhorn Lift Station Service Area

Future Developments	Projected Flows
Existing Development: 2.2% Annual Growth	78,800 gpd
Montapp Addition Development	80,000 gpd
Development of Outlying Areas	85,500 gpd
TOTAL PROJECTED AVERAGE DAILY FLOW	244,300 gpd
PROJECTED PEAK HOURLY FLOW (Avg. x 2.5)	610,750 gpd

2.4.2 Projection Comparison to the 2012 Master Plan Report

Table 2-2 below shows the projected 2030 flows in each sub-basin per the 2012 Master Plan Report. When compared to runtime logs at the drawdown flow rate, this equates to a 11.2% annual increase to reach the 2030 projected flows. Even at full development, these flows far exceed what is likely, or even possible for this area. Use of these numbers would result in extremely oversized pumps and wetwell. Retention times would be significant, causing the production of corrosive hydrogen sulfide, aiding in the degradation of the collection system and causing unpleasant odors for nearby residences.

Table 2-2: 2012 Master Plan Projected Flows

BASIN	CCB1	CCB1*	CCB2	PLCB6	TOTAL
<i>PROJECTED 2030 AVERAGE DAILY FLOW</i>					
Office/Commercial	73,281 gpd	-	13,021 gpd	-	86,302 gpd
Public Land	-	-	1,620 gpd	-	1,620 gpd
Recreational	1,768 gpd	-	5,023 gpd	-	6,791 gpd
Residential	46,721 gpd	88,000 gpd	182,684 gpd	16,774 gpd	334,179 gpd
Total Avg. Flow	121,770 gpd	88,000 gpd	202,384 gpd	16,774 gpd	428,892 gpd
<i>Longhorn Lift Station PER 2034 Estimate</i>					<i>244,300 gpd</i>
<i>PROJECTED 2030 PEAK FLOW</i>					
Total Peak Flow	336,480 gpd	337,490 gpd	699,921 gpd	75,485 gpd	1,499,376 gpd
<i>Longhorn Lift Station PER 2034 Estimate</i>					<i>610,750 gpd</i>

* The proposed Montapp apartment addition near City Hall. Approximately 400 units at 2.2 capita per unit (assumed population - 880 people).

3.0 EXISTING FACILITIES & NEED FOR PROJECT

3.1 Location and Layout

Longhorn Lift Station services the existing residential and commercial developments south of the US Highway 75 and W 121st St intersection, as shown in Figure 3-1 below. The gravity sewer consists of approximately 15,000 linear feet of 8-inch PVC, with 2,250 linear feet of 10-inch PVC in the downstream portions of the commercial development areas. The two smaller lift stations shown each have 4-inch forcemains, while the Longhorn Lift Station has an 8-inch forcemain.

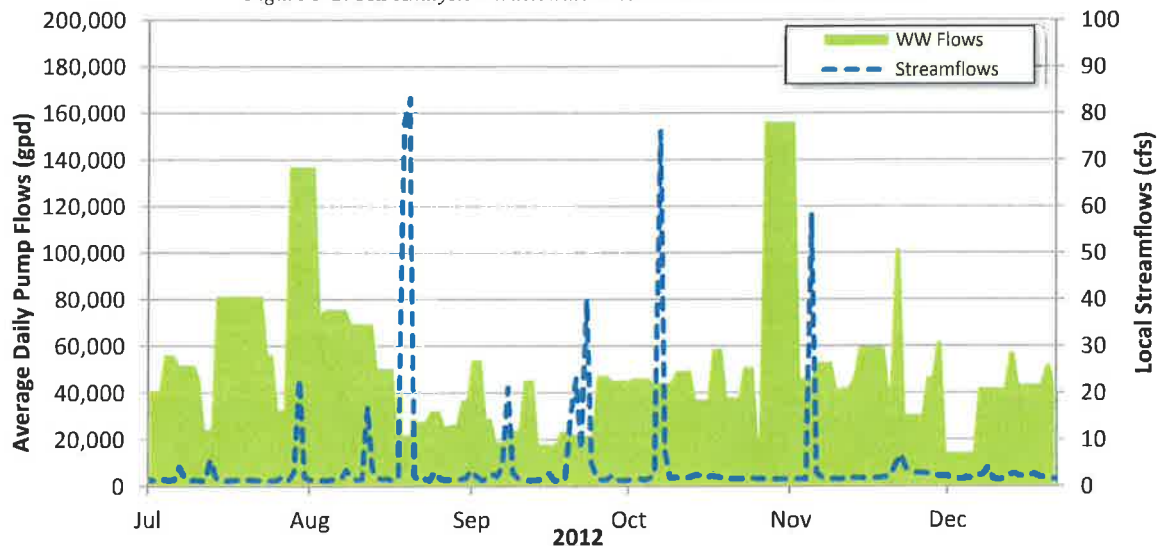
Figure 3-1: Longhorn Lift Station Contributing Collection System



3.2 Condition of Existing Facilities and System O&M

The collection system in this area is still relatively new and in good condition. Comparisons of the pump logs and groundwater conditions indicate that the system is tight and I&I is not currently an issue as there is no correlation between wastewater flow spikes and local rain events.

Figure 3-2: I&I Analysis - Wastewater Flows vs. Groundwater Conditions



The lift station has had issues with high level alerts in the past. This has, in part, been caused by malfunction of the pump control floats. The recent installation of grease traps by commercial buildings in the area has helped to reduce the buildup on floats in the lift station, and thereby reduce the occurrence of this problem.

3.3 Design Hydraulics

The Longhorn Lift Station is a duplex pump station with submersible pumps that are rated at 400 gpm each at 80 feet of total dynamic head. Recent drawdown tests indicate that the two pumps operate at 222 gpm and 195 gpm, respectively. The wetwell is 8-ft in diameter with a total depth of 23.5-ft. Total depth from the inflow elevation to the bottom is 14-ft, for a total maximum volume of 5,265 gallons below the inflow. During the peak flow periods of the day, the pumps are cycling approximately every 30 minutes, with runtimes of 15 to 20 minutes.

The existing forcemain is 8-in in diameter. With flows of 195 gpm to 222 gpm, velocities in the forcemain average only 1.3 feet per second (fps), well below the recommended flushing velocity. The pumps would have to run at their full design capacity of 400 gpm in order to reach the minimum flushing velocity of 2 fps. This lower flow rate also results in little to no friction losses in the forcemain. The capacities and control elevations of the wetwell are shown in Appendix E.

The capacities of the existing collection systems upstream of the Longhorn Lift Station were also analyzed for future growth. As the exact slopes and flow lines of each of the lines are not known, a slope of 0.4% was assumed. This is the minimum slope required for gravity sewer lines, and all of these lines should meet or exceed this criteria. Pipes with higher slopes would have higher capacities, and as such this is a conservative assumption. All lines in this portion of the collection system are either 8-in or 10-in in diameter.

Table 3-1: Maximum Projected Design Flows in Lift Station Inflow Lines

Projected Flows	Average Day	Peak Day	Pipe Capacity
West Inflow Line (8-inch)	71,900 gpd	179,750 gpd	290,000 gpd
East Inflow Line (10-inch)	172,400 gpd	431,000 gpd	530,000 gpd
TOTAL	244,300 gpd	610,750 gpd	-

An 8-in sewer pipe on a 0.4% slope is capable of supporting flows up to 290,000 gpd, while a 10-inch sewer pipe on a 0.4% slope is capable of supporting 530,000 gpd. These capacities are sufficient to support the projected 2034 design flows discussed in Section 2.4 previously, as shown in Table 3-1 above.

4.0 DESIGN ALTERNATIVES

In order to support future growth within the service area, three possible modifications were evaluated for the Longhorn Lift Station: modifications to the capacities of the pumps, the wetwell, and the forcemain.

4.1 Alternative 1: Increase Pump Capacity

At present, the existing pumps cycle nearly non-stop during peak flow periods, and high level alarm triggers still occur. This is the result of the diminished capacity of the existing pumps. Drawdown tests have shown that the pumps are currently operating at barely half of the rated capacity of 400 gpm. As a result, these pumps require heavy use at current flows, and cannot support future growth in this area.

The 20-year average design flow with full development was projected to be 244,300 gpd, or an average of 170 gpm, which is well below the rated capacity of the existing pumps. During the day, flows fluctuate on a diurnal curve. Though the average throughout the day may be 170 gpm, this value can easily be two to three times higher during peak hour flows, though they are typically of a short duration. At a high enough peak, both pumps may be required to operate simultaneously.

For peak day flows, the 20-year projected design flow is 610,750 gpd, or an average of 424 gpm. This flow is higher than the existing rated capacity of a single pump, indicating that both pumps would be required to operate simultaneously for these conditions. However, the pumps would not be adequate to support peak hourly flows at their current design. In order for the existing duplex station to support full future development, the pumps will need to be replaced and the capacity slightly increased.

4.2 Alternative 2: Increase Wetwell Capacity

The existing wetwell has an operating capacity of 1,263 gallons between the pump off and lead pump on. An additional 3,290 gallons of storage is available during peak flows below the influent elevations, for a total maximum usable volume of 4,553 gallons. This is only 7.4 minutes between starts of the lead pump at average day flows. During peak day flows, this is further reduced to only 3 minutes between starts. Such frequent cycling is not ideal as it can cause undue wear on the pump motors.

The required wetwell volume is typically determined from the equation $V = QT/4$, where "Q" is the max design flow and "T" is the pump cycle time interval between starts. For a max design flow of 424 gpm, the projected peak day flow, and an interval of 20 minutes, this is a required operating volume of 2,120 gallons, 850 gallons more than the existing operating volume. However, the existing wetwell has a storage volume of 1,786 gallons still available between the high water alarm and the influent elevation. By changing the operating depth from 3.4 feet to 5.6 feet, sufficient volume would be provided to allow for adequate time between pump starts while still providing another 900 gallons of emergency storage between the high water alarm and the influent pipes.

4.3 Alternative 3: Increase Forcemain Capacity

The existing forcemain from the Longhorn Lift Station is an 8-inch PVC line approximately 1,920 feet in length. Due to the diminished capacities in the existing pumps, flows in this line currently average only 1.3 fps, below the minimum required flushing velocity of 2 fps. Flushing velocity is only reached during higher flows when the lag pump is also triggered and the pumps operate in tandem. This forcemain still has a significant amount of unused capacity which would allow for the upsizing of the existing pumps without need for upsizing the forcemain as well.

5.0 PROPOSED PROJECT DESIGN AND COST ESTIMATE

The following are the proposed recommendations for modifications to the Longhorn Lift Station based on the discussions of the previous sections.

5.1 Longhorn Lift Station Recommended Modifications

5.1.1 Replace Existing Pumps

The existing peak flow at the Longhorn Lift Station is approximately 156,000 gpd (110 gpm). With the addition of the Montapp apartment complex, peak flows are expected to increase to 356,000 gpd (247 gpm). Based on pump drawdown tests, the existing pumps are currently capable of producing approximately 200 gpm. The addition of the Montapp development will generate flows beyond the capacity of the existing pumps.

The diminished capacity of the existing pumps is indicative of highly worn impellers. Though rated for sufficient capacity, they are not capable of meeting future flow demands from the Montapp development. It is recommended that these pumps be replaced with slightly upsized pumps rated for a capacity of 450 to 500 gpm to meet the anticipated 2034 peak flow of 610,750 gpd (424 gpm). Example pump selections are shown in Appendix G.

A single pump of this capacity will be capable of providing all projected future average day flows and diurnal peak hourly flows. It will also be capable of supporting the majority of projected future peak day flows as well. Pumps this size will typically have a 20-Hp rated motor. This is the same size as the existing motors, thus no electrical service upgrades will be required to support the larger pumps.

5.1.2 Modifications to the Existing Wetwell

The existing wetwell currently has an operating volume of 1,263 gallons which is more than sufficient for existing flows. The recommended volume for peak day future flows is 2,120 gallons. Though an additional 857 gallons is required, there is currently 1,786 gallons of unutilized storage between the high water alarm and influent pipes. By raising the control floats 28-inches, the storage would be increased to a volume such that adequate time would be provided between the start times of the pumps.

5.1.3 Piping Modifications

Ideally, flow velocities within the forcemain should be between 2.5 fps and 4.5 fps. This maintains a flushing velocity without causing scour in the pipes. However, as the flows increase, so does the total dynamic head which decreases the capacity of the pump.

Table 5-1: Flow Characteristics of the Existing 8-inch Forcemain

Velocity	Flow	TDH
2.5 fps	392 gpm	38.0 ft
3.5 fps	548 gpm	57.6 ft
4.5 fps	705 gpm	82.6 ft
5.5 fps	862 gpm	112.9 ft

** TDH includes only the head from the 8-in forcemain, not from the piping within the lift station.*

Table 5-1 above shows the flow capacities and subsequent head conditions in the existing forcemain at various velocities. It should be noted that the shown TDH includes only the head from the forcemain. It does not include the additional losses seen within the piping and valves in the lift station, nor does it include the additional static head from the pump depth.

With a design flow of 500 gpm from the proposed pumps, velocities in the forcemain would be 3.2 fps with an expected TDH of 85 ft from the pumps to the discharge manhole. As this TDH is slightly high, it is restrictive in the selection of an applicable cutter pump. In order to reduce the TDH, it is recommended that the discharge piping between the pumps and forcemain be upsized from a 4-in pipe to a 6-in pipe. This would also require upsizing the valves to 6-in as well. This would reduce the TDH for the pumps from 85 ft to 71 ft, allowing for a better selection of viable pump options.

5.1.4 Additional Lift Station Modifications

In addition to these changes, it is also recommended that a generator be installed for emergency operations in the event of a power failure. The site also does not have any security to prevent unauthorized access to the site. It is recommended that fencing be installed around the existing lift station.

5.2 Recommended Alternative Cost Estimate

Following is the Engineer's opinion of probable costs for the recommended improvements listed in this section.

Table 5-2: Engineer's Opinion of Probable Costs

Item Description	Quantity	Unit	Unit Cost	Subtotal
1. Cutter Pump, 20 HP	2	EA	\$ 26,720	\$ 53,440
2. Duplex NEMA 4 Control Panel	1	EA	\$ 8,150	\$ 8,150
3. Davit Crane	1	EA	\$ 3,520	\$ 3,520
4. 6-inch Valves	2	EA	\$ 800	\$ 1,600
5. 6-inch DIP Piping	50	LF	\$ 75	\$ 3,750
6. Bypass Pumping (2 - 6" Pumps)	14	DAYS	\$ 2,500	\$ 35,000
7. Chain Link Fencing	150	LF	\$ 20	\$ 3,000
8. Emergency Generator	1	EA	\$ 45,000	\$ 45,000
9. Labor & Misc. Materials	-	-	20%	\$ 30,692
Subtotal				\$ 184,152
<i>Contingency:</i>		<i>10%</i>	<i>\$ 18,415</i>	
Project Total				\$ 202,567

Appendix A

Abbreviations and Acronyms

ABBREVIATIONS AND ACRONYMS

ac	Acre
CCB1	Coal Creek Basin No.1
CCB2	Coal Creek Basin No. 2
City	City of Glenpool, Oklahoma
FEMA	Federal Emergency Management Agency
fps	Feet per second
ft	Feet
FWS	U.S. Fish & Wildlife Services
gal	Gallons
gpd	Gallons per day
gpd/ac	Gallons per day per acre - Design flows based land usage and area
gpdpc	Gallons per day per capita
gpm	Gallons per minute
GUSA	Glenpool Utility Services Authority
I&I	Inflow and Infiltration
in	Inch
LF	Linear Feet
Montapp	Proposed Montapp Development in CCB1
NRCS	Natural Resources Conservation Service
O&M	Operations & Maintenance
ODEQ	Oklahoma Department of Environmental Quality
PER	Preliminary Engineering Report
PLCB6	Polecat Creek Basin No. 6
psi	Pounds per square inch
PVC	Polyvinyl Chloride
SCADA	Supervisory Control and Data Acquisition
SKW	Shafer, Kline & Warren, Inc.
TDH	Total Dynamic Head
USGS	United States Geological Survey
yr	Year

Appendix B

NRCS Soil Survey

Appendix C

Project Area Maps

Existing Sewer System

FEMA 100-year Flood Plain FIRMettes

US Fish & Wildlife Wetlands

USGS Topographic

Longhorn Lift Station

Runtime Logs

Reading Date	Reading Time	Pump 1		Total WW Flow @ 222 gpm* (gal)	Pump 2		Avg. WW Flow @ 195 gpm* (gal)	Total Flow (gal)	Time Between Readings (hr : min : sec)	Avg. Daily Flow (gpd)	NOTES
		Reading (hrs)	Run Time (hrs)		Reading (hrs)	Run Time (hrs)					
6/28/2012	1:45 PM	5780.0	-	-	3938.0	-	-	-	-	-	
7/6/2012	10:05 AM	5790.0	10.0	133,128	3954.0	16.0	186,744	319,871	188:20:00	40,762	
7/10/2012	10:20 AM	5799.0	9.0	119,815	3963.0	9.0	105,043	224,858	96:15:00	56,069	
7/13/2012	1:05 PM	5805.0	6.0	79,877	3970.0	7.0	81,700	161,577	74:45:00	51,878	
7/17/2012	8:15 AM	5812.0	7.0	93,189	3977.0	7.0	81,700	174,890	91:10:00	46,040	
7/18/2012	9:00 AM	5813.0	1.0	13,313	3978.0	1.0	11,671	24,984	24:45:00	24,227	
7/20/2012	8:35 AM	5819.0	6.0	79,877	3985.0	7.0	81,700	161,577	47:35:00	81,496	
7/30/2012	8:00 AM	5841.0	22.0	292,881	4008.0	23.0	268,444	561,325	239:25:00	56,269	High Alarm
8/1/2012	3:00 PM	5844.0	3.0	39,938	4011.0	3.0	35,014	74,953	55:00:00	32,707	High Alarm
8/3/2012	10:30 AM	5853.0	9.0	119,815	4022.0	11.0	128,386	248,201	43:30:00	136,939	
8/9/2012	10:30 AM	5868.0	15.0	199,691	4043.0	21.0	245,101	444,793	144:00:00	74,132	
8/10/2012	9:45 AM	5870.0	2.0	26,626	4047.0	4.0	46,686	73,311	23:15:00	75,676	
8/15/2012	3:45 PM	5882.2	12.2	162,416	4064.3	17.3	201,917	364,332	126:00:00	69,397	
8/20/2012	3:10 PM	5888.3	6.1	81,208	4078.8	14.5	169,237	250,444	119:25:00	50,334	
8/24/2012	8:45 AM	5888.3	0.0	0	4085.8	7.0	81,700	81,700	89:35:00	21,888	
8/27/2012	9:40 AM	5888.3	0.0	0	4093.0	7.2	84,035	84,035	72:55:00	27,659	
8/30/2012	3:05 PM	5888.3	0.0	0	4101.9	8.9	103,876	103,876	77:25:00	32,203	
9/2/2012	1:05 PM	5888.3	0.0	0	4108.3	6.4	74,698	74,698	70:00:00	25,611	
9/3/2012	4:30 PM	5888.3	0.0	0	4110.9	2.6	30,346	30,346	27:25:00	26,564	
9/5/2012	2:01 PM	5888.3	0.0	0	4116.9	6.0	70,029	70,029	45:31:00	36,925	
9/7/2012	1:40 PM	5888.3	0.0	0	4126.1	9.2	107,378	107,378	47:39:00	54,083	
9/10/2012	2:10 PM	5888.3	0.0	0	4133.6	7.5	87,536	87,536	72:30:00	28,977	
9/12/2012	1:30 PM	5888.3	0.0	0	4136.8	3.2	37,349	37,349	47:20:00	18,937	
9/14/2012	11:10 AM	5888.3	0.0	0	4140.7	3.9	45,519	45,519	45:40:00	23,922	
9/17/2012	1:15 PM	5888.3	0.0	0	4152.7	12.0	140,058	140,058	74:05:00	45,373	
9/20/2012	10:15 AM	5888.3	0.0	0	4157.1	4.4	51,355	51,355	69:00:00	17,862	
9/24/2012	1:10 PM	5888.3	0.0	0	4165.4	8.3	96,873	96,873	98:55:00	23,504	
9/27/2012	9:30 AM	5888.3	0.0	0	4170.7	5.3	61,859	61,859	68:20:00	21,726	
9/27/2012	1:30 PM	0.0	0.0	0	4171.1	0.4	4,669	4,669	4:00:00	28,012	
10/1/2012	10:50 AM	10.2	10.2	135,790	4175.2	4.1	47,853	183,643	93:20:00	47,223	
10/4/2012	1:15 PM	13.3	3.1	41,270	4183.7	8.5	99,208	140,477	74:25:00	45,305	
10/8/2012	1:50 PM	22.8	9.5	126,471	4188.8	5.1	59,525	185,996	96:35:00	46,218	High Alarm
10/12/2012	9:00 AM	29.3	6.5	86,533	4195.8	7.0	81,700	168,233	91:10:00	44,288	
10/16/2012	9:00 AM	36.3	7.0	93,189	4204.7	8.9	103,876	197,066	96:00:00	49,266	High Alarm
10/19/2012	12:35 PM	41.3	5.0	66,564	4212.5	7.8	91,038	157,601	75:35:00	50,043	
10/20/2012	10:10 AM	43.0	1.7	22,632	4213.4	0.9	10,504	33,136	21:35:00	36,846	High Alarm
10/20/2012	5:10 PM	44.6	1.6	21,300	4215.0	1.6	18,674	39,975	7:00:00	137,056	
10/23/2012	6:55 AM	51.4	6.8	90,527	4220.2	5.2	60,692	151,218	61:45:00	58,773	
10/26/2012	9:52 AM	55.5	4.1	54,582	4225.7	5.5	64,193	118,775	74:57:00	38,034	

Longhorn Lift Station

Runtime Logs

Reading Date	Reading Time	Pump 1		Total WW Flow @ 222 gpm* (gal)	Pump 2		Avg. WW Flow @ 195 gpm* (gal)	Total Flow (gal)	Time Between Readings (hr : min : sec)	Avg. Daily Flow (gpd)	NOTES
		Reading (hrs)	Run Time (hrs)		Reading (hrs)	Run Time (hrs)					
10/29/2012	10:41 AM	61.3	5.8	77,214	4232.3	6.6	77,032	154,246	72:49:00	50,839	
11/1/2012	4:00 PM	63.6	2.3	30,619	4234.9	2.6	30,346	60,965	77:19:00	18,924	High Alarm
11/2/2012	11:00 AM	68.5	4.9	65,232	4239.9	5.0	58,357	123,590	19:00:00	156,114	
11/9/2012	4:10 PM	80.4	11.9	158,422	4254.9	15.0	175,072	333,494	173:10:00	46,221	
11/12/2012	3:00 PM	86.2	5.8	77,214	4261.7	6.8	79,366	156,580	70:50:00	53,053	
11/16/2012	11:05 AM	92.2	6.0	79,877	4268.5	6.8	79,366	159,243	92:05:00	41,504	
11/17/2012	9:50 AM	93.8	1.6	21,300	4270.1	1.6	18,674	39,975	22:45:00	42,171	High Alarm
11/19/2012	11:00 AM	100.0	6.2	82,539	4271.2	1.1	12,839	95,378	49:10:00	46,557	
11/19/2012	8:18 PM	100.2	0.2	2,663	4274.5	3.3	38,516	41,178	9:18:00	106,267	High Alarm
11/20/2012	3:45 PM	101.9	1.7	22,632	4276.7	2.2	25,677	48,309	19:27:00	59,610	High Alarm
11/20/2012	10:15 PM	103.5	1.6	21,300	4278.2	1.5	17,507	38,808	6:30:00	143,290	
11/26/2012	2:15 PM	112.8	9.3	123,809	4287.8	9.6	112,046	235,855	136:00:00	41,621	
11/27/2012	11:25 AM	113.3	0.5	6,656	4294.9	7.1	82,868	89,524	21:10:00	101,507	High Alarm
11/29/2012	3:50 PM	115.5	2.2	29,288	4298.1	3.2	37,349	66,637	52:25:00	30,511	
12/3/2012	11:45 AM	128.9	13.4	178,391	4298.1	0.0	0	178,391	91:55:00	46,579	
12/5/2012	11:05 AM	129.8	0.9	11,981	4307.5	9.4	109,712	121,693	47:20:00	61,704	
12/7/2012	2:00 PM	132.1	2.3	30,619	4307.5	0.0	0	30,619	50:55:00	14,433	High Alarm
12/13/2012	2:55 PM	140.7	8.6	114,490	4319.4	11.9	138,891	253,380	144:55:00	41,963	
12/19/2012	10:50 AM	155.3	14.6	194,366	4331.3	11.9	138,891	333,257	139:55:00	57,164	
12/21/2012	10:15 AM	160.2	4.9	65,232	4333.1	1.8	21,009	86,241	47:25:00	43,651	
12/26/2012	6:50 AM	169.8	9.6	127,802	4343.8	10.7	124,885	252,687	116:35:00	52,019	
12/28/2012	8:50 AM	173.0	3.2	42,601	4347.4	3.6	42,017	84,618	50:00:00	40,617	
* Pump capacities used to determine total flows is per the drawdown test results.											
AVERAGE		-	4.7	62,414.6	-	6.8	79,638	142,053	3	51,309	
MEDIAN		-	3.2	41,935.2	-	6.7	78,199	113,077	3	45,707	
MAXIMUM		-	22.0	292,880.6	-	23.0	268,444	561,325	10	156,114	
MINIMUM		-	0.0		-	0.0	0	4,669	0	14,433	

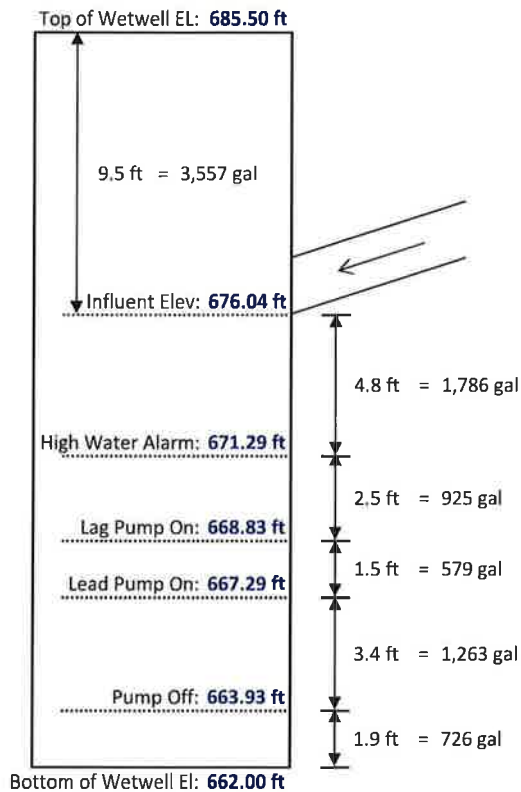
Appendix E

Existing Wetwell Capacities

**Longhorn Lift Station
Glenpool, OK**

Existing Wetwell Dimensions & Drawdown Tests

EXISTING WETWELL DIMENSIONS



Drawdown Tests: Performed 9/25/2013

Pumps run from Lead Float to Shutoff (1,263 gal)
Assumed Inflow **100 gpm**

Pump #1 Time: 10 : 22
Pump Rate: 222 gpm

Pump #2 Time: 13 : 22
Pump Rate: 195 gpm

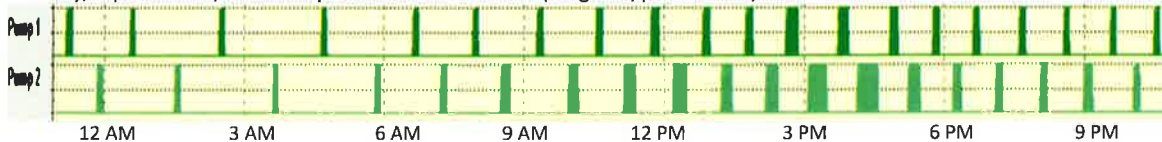
Notes:

* No influent rate or time to refill given.

Rated Pump Capacity: 400 gpm

Total Wetwell Depth: 23.5 ft
Wetwell Diameter: 8.0 ft

Monday, September 14, 2013: Pump Run Times for Newman (Longhorn) per SCADA System



Flow Properties			Segment 1 4-inch	Segment 2 8-inch	
Sum of Friction Losses			0.8 ft	2.1 ft	
Length			25 ft	1920 ft	
Sum of Minor Losses			2.2 ft	0.1 ft	
<i>Fitting</i>	<i>K</i>	<i>Qty</i>	<i>Sum</i>	<i>Qty</i>	<i>Sum</i>
90 ° Bend	0.30	3	0.9	0	0.9
45 ° Bend	0.20	0	0	1	0
22.5 ° Bend	0.10	0	0	3	0
Tee Thru	0.20	0	0	0	0
Tee L-B	0.70	1	0.7	0	0.7
Entrance	0.50	1	0.5	0	0.5
Exit	1.00	0	0	1	0
Check Valve	2.00	1	2	0	2
Ecc. PV	1.00	1	1	0	1
Increaser	0.40	1	0.4	1	0.4
Forcemain Total Headloss			3.0 ft	2.2 ft	
Velocity			5.1 ft/s	1.3 ft/s	

Number of Firm Pumps: 1
Pump Capacity* 200 gpm
Hazen-Williams "C" 120

*Avg based on drawdown tests.

Appendix F

Flow Projection Calculations

Flow Projection Calculations

Existing Flows (From Drawdown Tests and Pump Runtime Logs)

Existing Average Day Flow: 51,000 gpd
Existing Peak Day Flow: 156,000 gpd

Future Developments

Design Period: **20 years**

Growth of Existing Developments on the Collection System

Projected Growth Rate: **2.2%**

Projected Average Daily Flow: 78,800 gpd

Montapp Development Addition

Number of Units: **400**
Capita per Unit: **2** * Apartments and multi-family residences typically have a lower per capita
Equivalent Population: **800** occupancy than single-family residences)
Design Flow per Capita: **100 gpdpc**

Projected Average Daily Flow: 80,000 gpd

Outlying Basin Areas not on the Collection System

Total Outlying Acreage: **385 ac**
Undevelopable Area: **100 ac**
Remaining Developable: **285 ac**

Per Acre Design Flows of Existing Residential Developments

Total Developed Residential Acreage **68 ac**
Weight of Existing Flows: **35%**
Estimated Attributed Average Day Flow: 17,850 gpd
Estimated Per Acre Design Flow: 263 gpd/ac

Per Acre Design Flow for Future Development: **300 gpd/ac**

Projected Average Daily Flow: 85,500 gpd

This flow is assuming that all of the existing large-acreage residential properties which are already constructed (Primarily in CCB2) are parceled off and developed into denser subdivision-style properties.

Total Projected 20-yr Design Flows

Average Day Flows:

Existing Development Growth: 78,800 gpd
Montapp Addition Development: 80,000 gpd
Outlying Area Development: 85,500 gpd
PROJECTED AVERAGE DAY FLOW 244,300 gpd (or 170 gpm)

Peak Hourly Flows

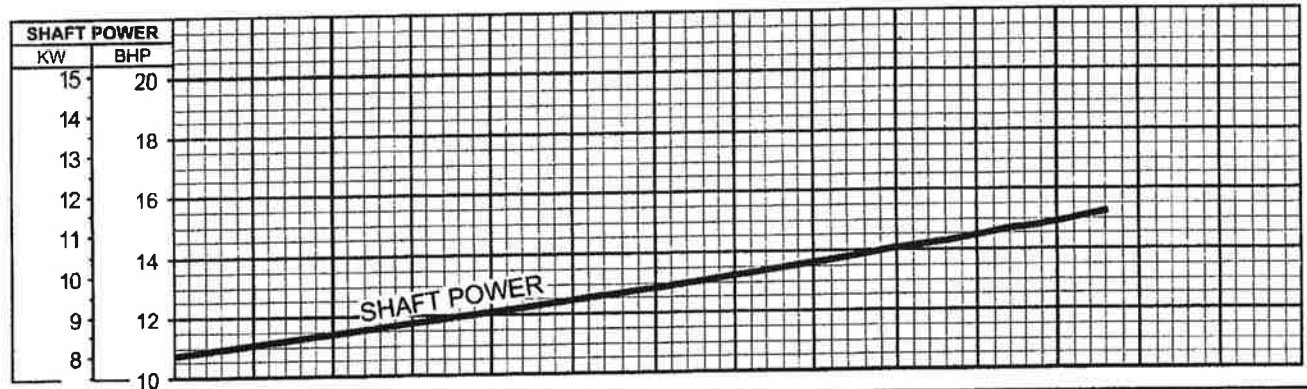
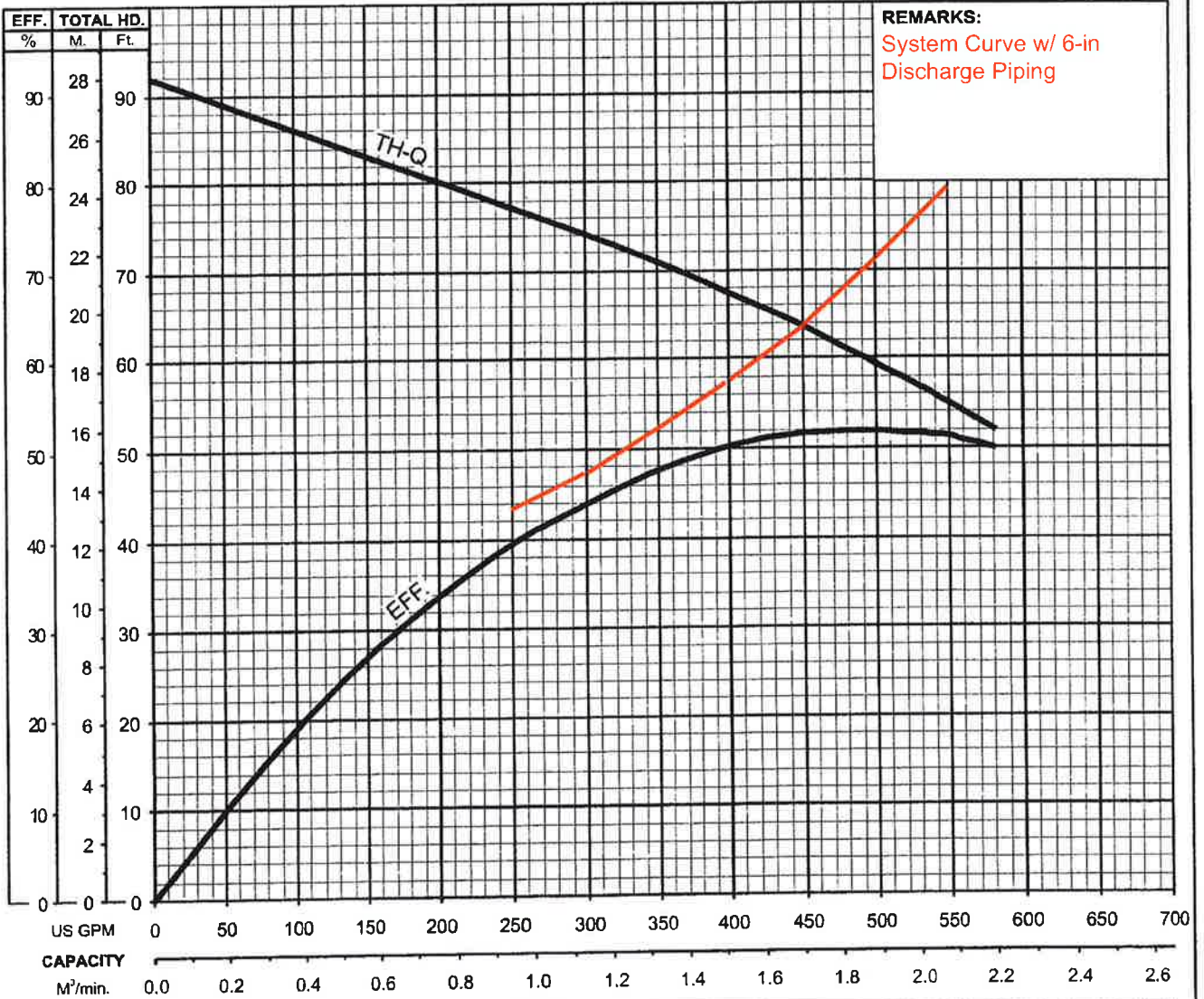
Estimated Peaking Factor: **2.5**
PROJECTED PEAK FLOWS: 610,750 gpd (or 424 gpm)

Appendix G

Example Pump Selections

**TSURUMI PUMP**
C - SERIES
CUTTER-TYPE - SEWAGE & WASTEWATER PUMPS
PERFORMANCE
CURVE

MODEL	BORE	HP	KW	RPM	SOLIDS DIA	LIQUID	SG.	VISCOSITY	TEMP.
(TOS) 100C415	4"/100mm	20	15	1740	1.57"/40mm	Water	1.0	1.81 CST	60°F
PUMP TYPE	PHASE	VOLTAGE		AMPERAGE		HZ	STARTING METHOD		INS. CLASS
Cutter-Type - Sewage & Wastewater	3	208 / 230 / 460		56.0 / 52.0 / 26.0		60	Star-Delta		F
CURVE No.	DATE	PHASE	VOLTAGE	AMPERAGE	HZ	STARTING METHOD		INS. CLASS	
-	-	-	-	-	-	-		-	



**Pump Performance Datasheet**

Customer	:		Quote number	:	
Customer reference	:		Size	:	100DLFU615
Item number	:	Default	Stages	:	1
Service	:		Based on curve number	:	DLM-C617-9203 Rev0
Quantity	:	1	Date last saved	:	12 Dec 2013 10:03 AM

Operating Conditions

Flow, rated	:	500.0 USgpm
Differential head / pressure, rated (requested)	:	69.00 ft
Differential head / pressure, rated (actual)	:	69.72 ft
Suction pressure, rated / max	:	0.00 / 0.00 psi.g
NPSH available, rated	:	Ample
Frequency	:	60 Hz

Liquid

Liquid type	:	Water
Additional liquid description	:	
Solids diameter, max	:	0.00 in
Solids concentration, by volume	:	0.00 %
Temperature, max	:	68.00 deg F
Fluid density, rated / max	:	1.000 / 1.000 SG
Viscosity, rated	:	1.00 cP
Vapor pressure, rated	:	0.00 psi.a

Performance

Speed, rated	:	1,765 rpm
Impeller diameter, rated	:	10.43 in
Impeller diameter, maximum	:	10.94 in
Impeller diameter, minimum	:	10.08 in
Efficiency	:	66.85 %
NPSH required / margin required	:	- / 0.00 ft
Ns (imp. eye flow) / Nss (imp. eye flow)	:	N/A US Units
MCSF	:	154.7 USgpm
Head, maximum, rated diameter	:	90.49 ft
Head rise to shutoff	:	31.16 %
Flow, best eff. point (BEP)	:	682.1 USgpm
Flow ratio (rated / BEP)	:	73.31 %
Diameter ratio (rated / max)	:	95.32 %
Head ratio (rated dia / max dia)	:	85.82 %
Cq/Ch/Ce [ANSI/HI 9.6.7-2010]	:	1.00 / 1.00 / 1.00
Selection status	:	Acceptable

Material

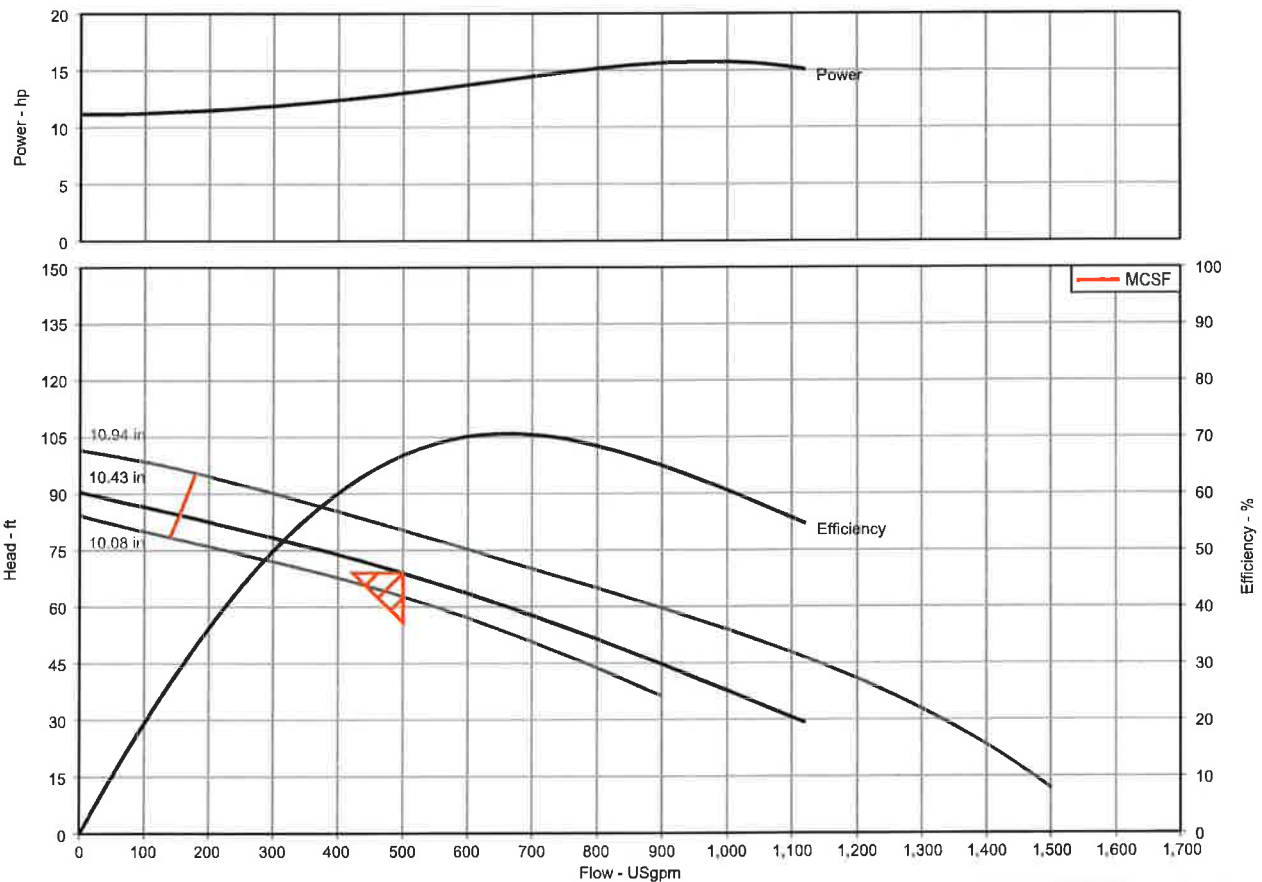
Material selected	:	Cast Iron
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Pressure Data

Maximum working pressure	:	39.17 psi.g
Maximum allowable working pressure	:	N/A
Maximum allowable suction pressure	:	N/A
Hydrostatic test pressure	:	N/A

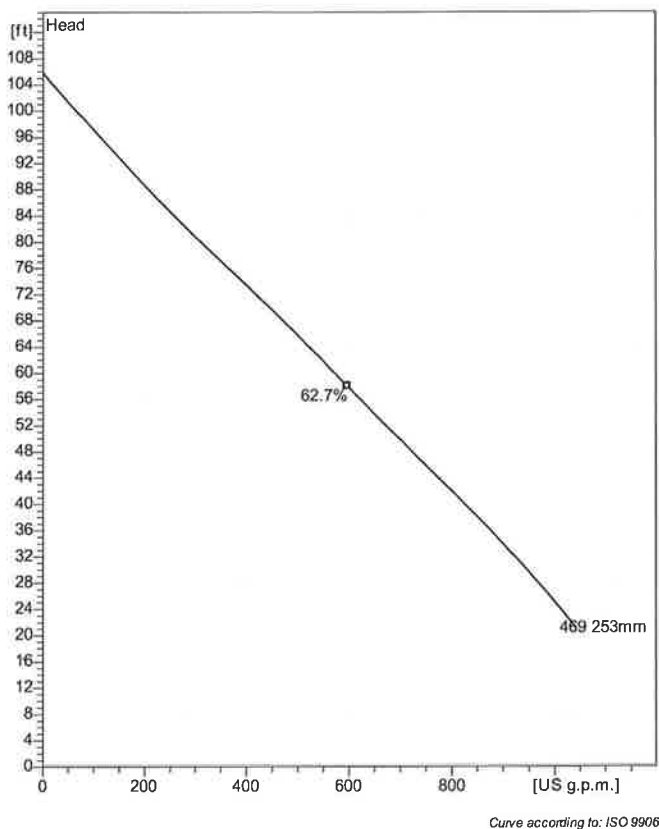
Driver & Power Data

Driver sizing specification	:	Rated power
Margin over specification	:	0.00 %
Service factor	:	1.00
Power, hydraulic	:	8.71 hp
Power, rated	:	13.03 hp
Power, maximum, rated diameter	:	15.76 hp
Minimum recommended motor rating	:	20.00 hp / 14.91 kW (Fixed)

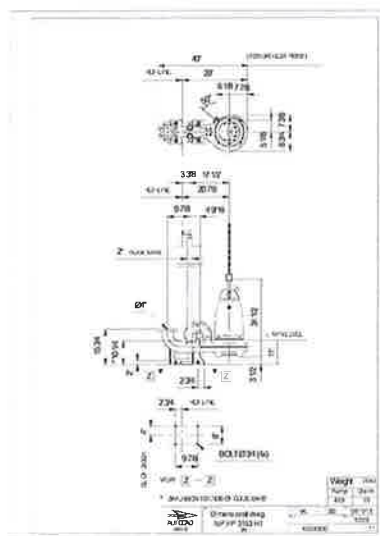


FP 3153 HT 3~ 469

Technical specification



Installation: P - Semi permanent, Wet



Note: Picture might not correspond to the current configuration.

General

Open screw type cutting impellers and single volute casing for liquids containing long fibres and large solids. F3153 and F3171 are new designs with high efficiency combined with excellent cutting performance.

Impeller

Impeller material	Hard-Iron™
Outlet width	3 15/16 inch
Inlet diameter	150 mm
Impeller diameter	253 mm
Number of blades	2
	0 inch

Motor

Motor #	F3153.350 21-15-4AA-W 15hp
Stator variant	4
Frequency	60 Hz
Rated voltage	200 V
Number of poles	4
Phases	3~
Rated power	15 hp
Rated current	44 A
Starting current	246 A
Rated speed	1755 rpm
Power factor	
1/1 Load	0.85
3/4 Load	0.80
1/2 Load	0.70
Efficiency	
1/1 Load	87.0 %
3/4 Load	88.5 %
1/2 Load	88.5 %

Configuration

Project

Project ID

Created by

Created on
2013-12-12

Last update

FP 3153 HT 3~ 469

Performance curve



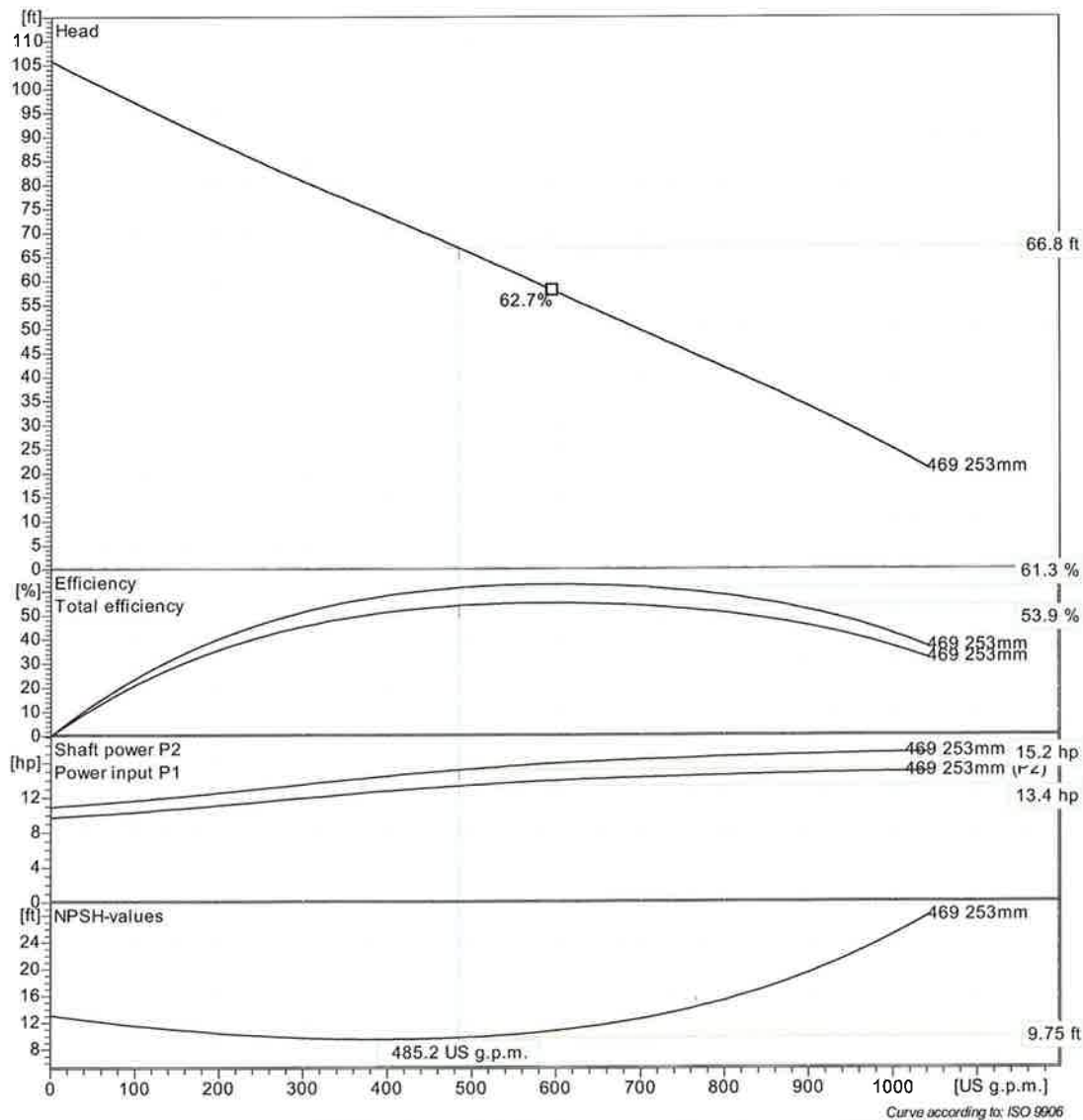
Pump

Outlet width 3 15/16 inch
Inlet diameter 150 mm
Impeller diameter 9 15/16"
Number of blades 2
0 inch

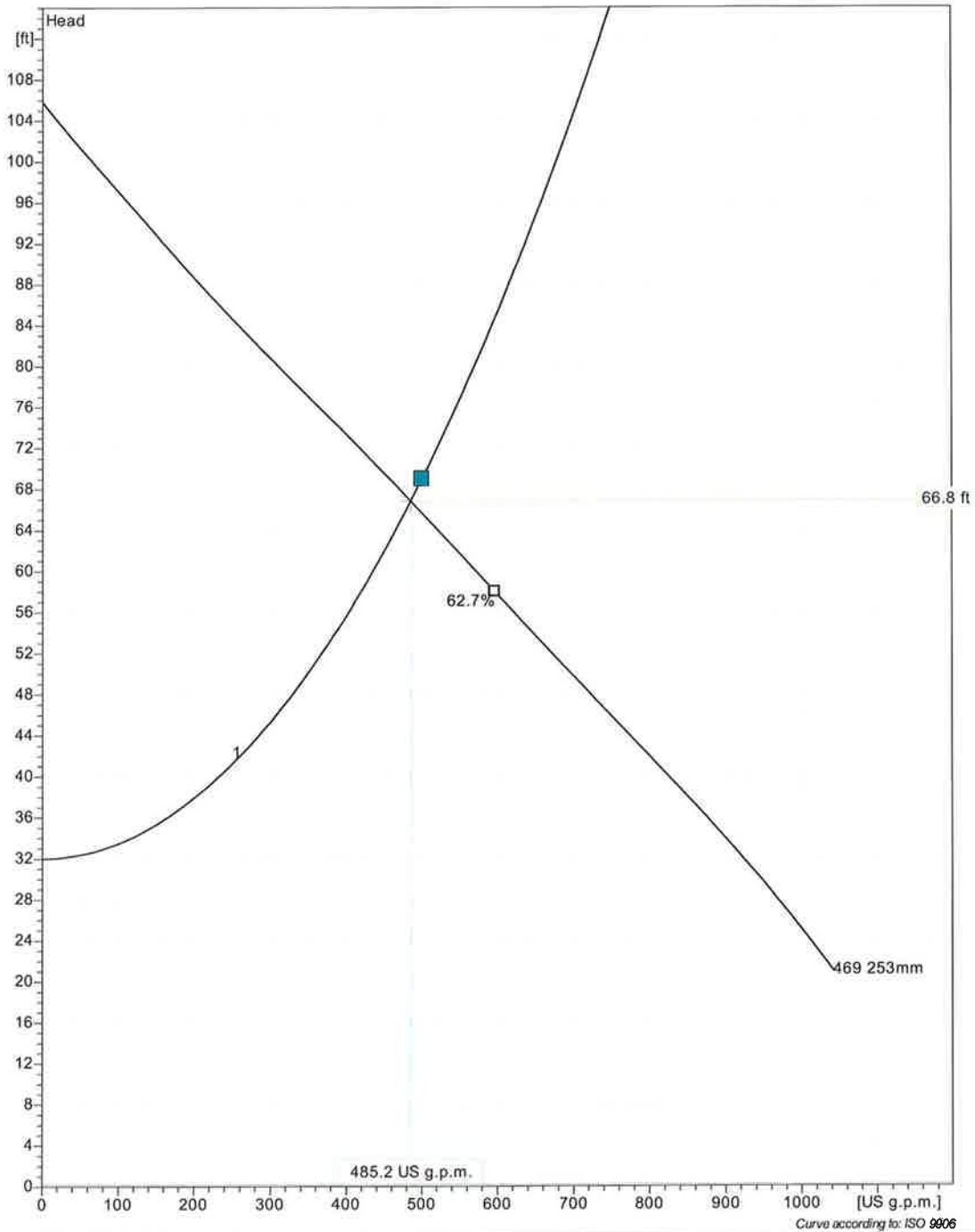
Motor

Motor # F3153.350 21-15-4AA-W 15hp
Stator variant 4
Frequency 60 Hz
Rated voltage 200 V
Number of poles 4
Phases 3~
Rated power 15 hp
Rated current 44 A
Starting current 246 A
Rated speed 1755 rpm

Power factor
1/1 Load 0.85
3/4 Load 0.80
1/2 Load 0.70
Efficiency
1/1 Load 87.0 %
3/4 Load 88.5 %
1/2 Load 88.5 %



FP 3153 HT 3~ 469
Duty Analysis



Pumps running /System	Individual pump			Total			Hyd eff.	Specific energy	NPSHre
	Flow	Head	Shaft power	Flow	Head	Shaft power			
1	485 US g.p.m.	66.8 ft	13.4 hp	485 US g.p.m.	66.8 ft	13.4 hp	61.3 %	389 kWh/US MG	9.75 ft

Project

Project ID

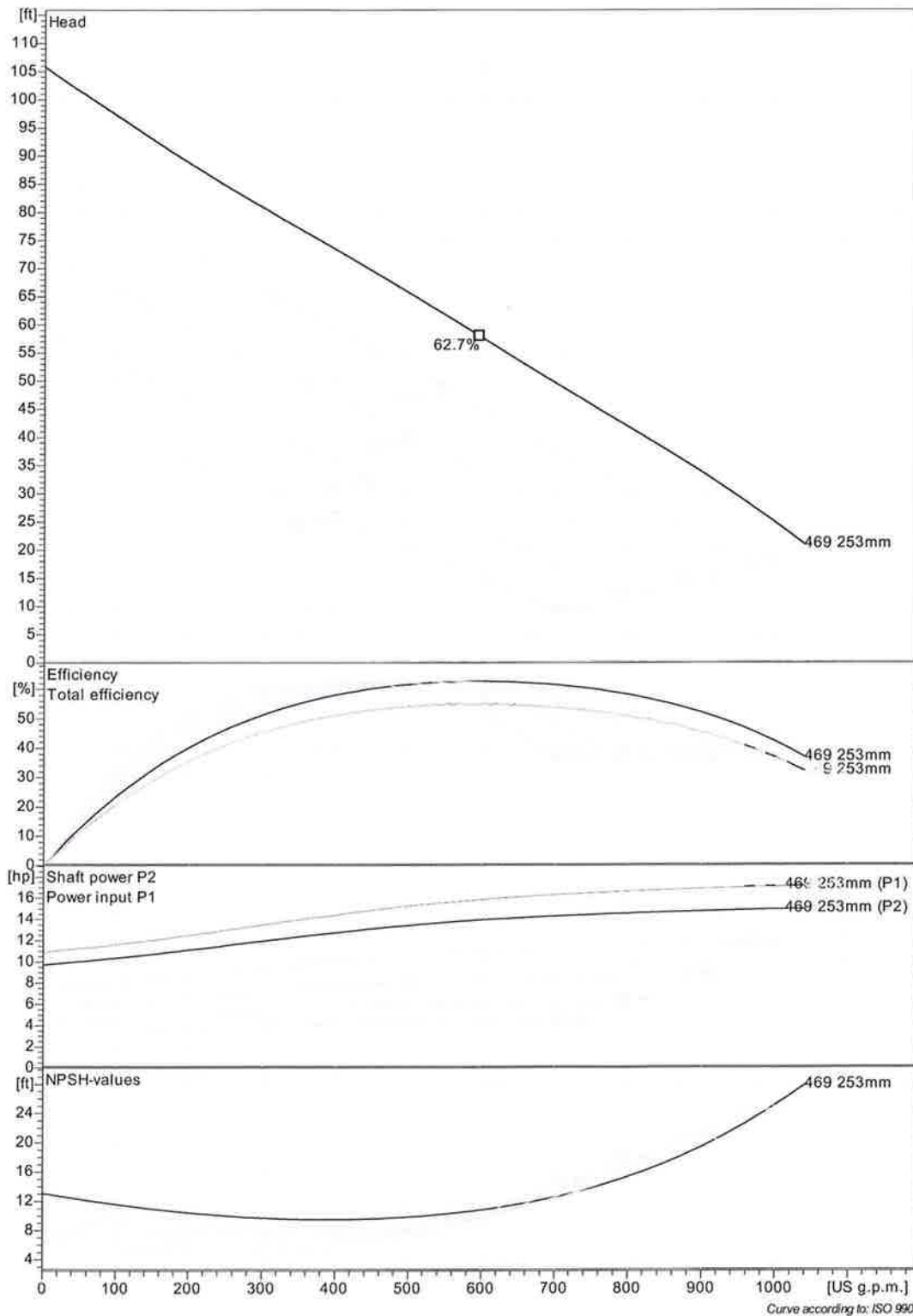
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2013-12-12

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FP 3153 HT 3~ 469

VFD Curve



Project

Project ID

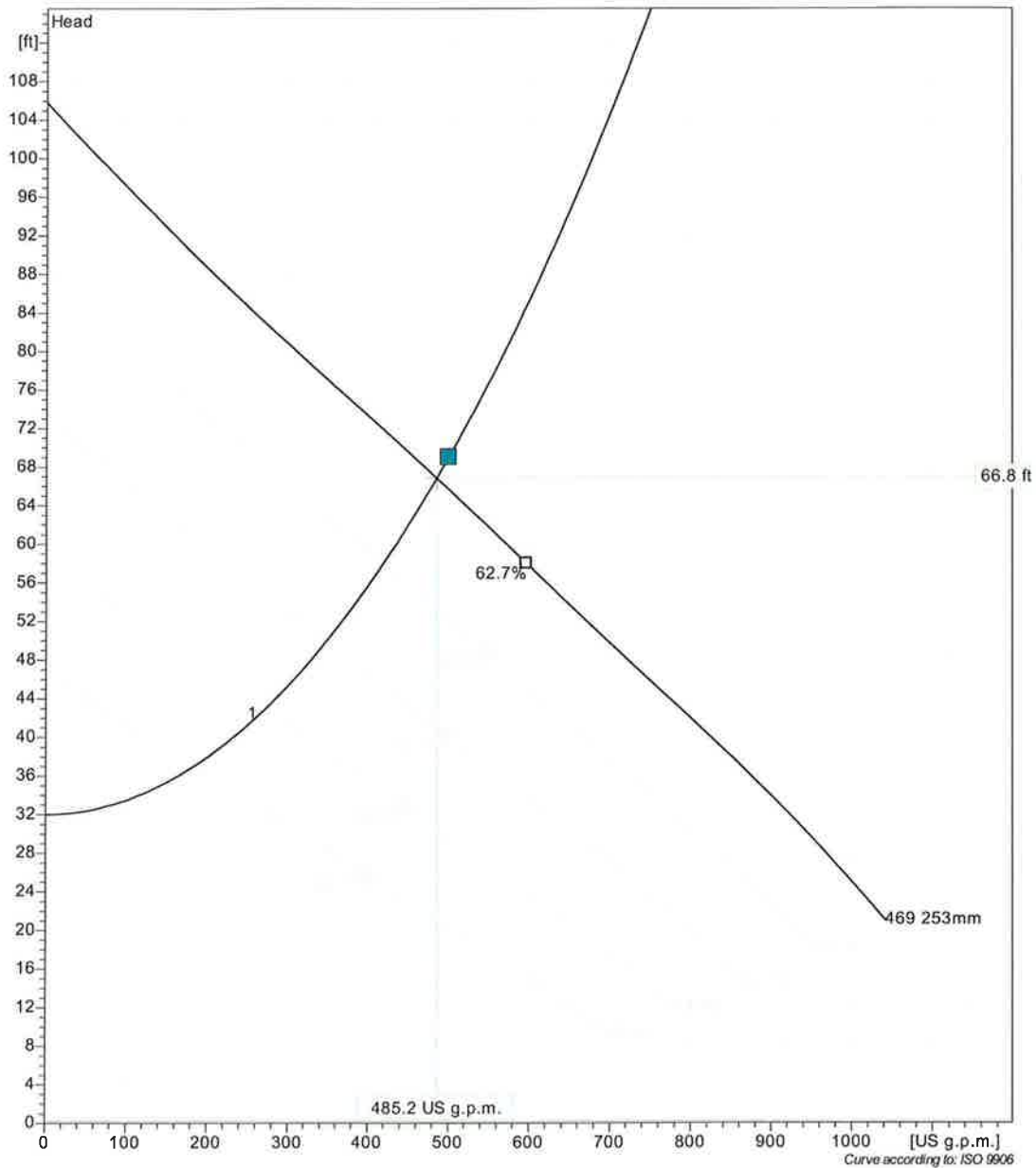
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2013-12-12

Last update

FP 3153 HT 3~ 469

VFD Analysis



Pumps running /System	Individual pump				Total				Specific energy	NPSH _{re}
	Frequency	Flow	Head	Shaft power	Flow	Head	Shaft power	Hyd. eff.		
1	60 Hz	485 US g.p.m.	66.8 ft	13.4 hp	485 US g.p.m.	66.8 ft	13.4 hp	61.3 %	389 kWh/US MG	9.75 ft
1	55 Hz	422 US g.p.m.	58.4 ft	10.3 hp	422 US g.p.m.	58.4 ft	10.3 hp	60.5 %	341 kWh/US MG	8.43 ft
1	50 Hz	352 US g.p.m.	50.3 ft	7.58 hp	352 US g.p.m.	50.3 ft	7.58 hp	59.1 %	302 kWh/US MG	7.16 ft
1	45 Hz	274 US g.p.m.	43.1 ft	5.34 hp	274 US g.p.m.	43.1 ft	5.34 hp	56.1 %	277 kWh/US MG	6.05 ft
1	40 Hz	185 US g.p.m.	37 ft	3.53 hp	185 US g.p.m.	37 ft	3.53 hp	49.1 %	204 kWh/US MG	5.16 ft

Project

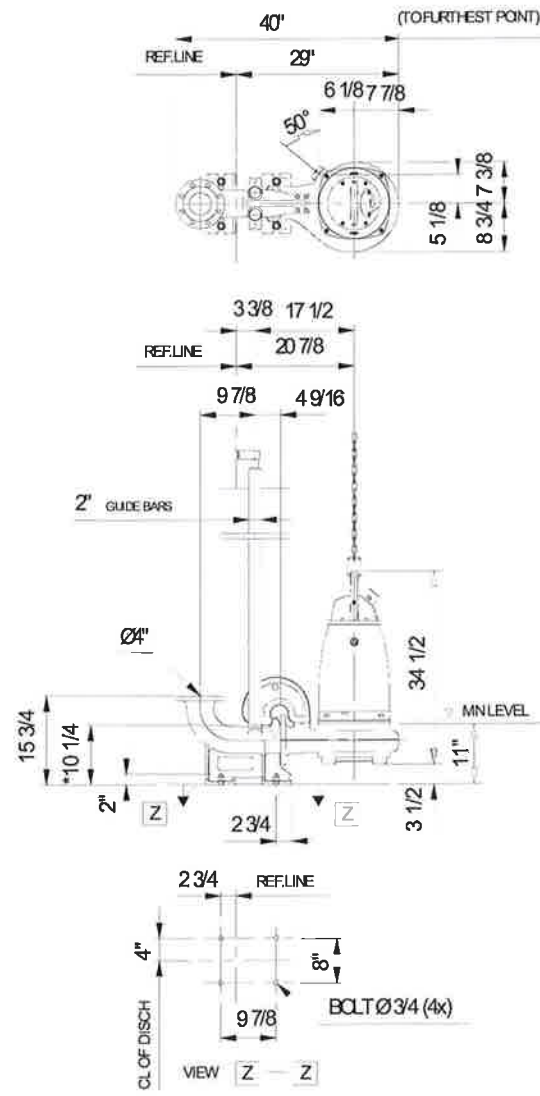
Project ID

Created by

Created on
2013-12-12

Last update

FP 3153 HT 3~ 469
Dimensional drawing



* DIMENSION TO ENDS OF GUIDE BARS

AUTOCAD
DRAWING

Dimensional chvg
NPP3153HT
Ø4"

Weight (lbs)	
Pump	Disch
465	85
Drawn by NK	Checked by SB
Date	Date
	08/10/13
6504500	5399
	11

Project

Project ID

Created by

Created on
2013-12-12

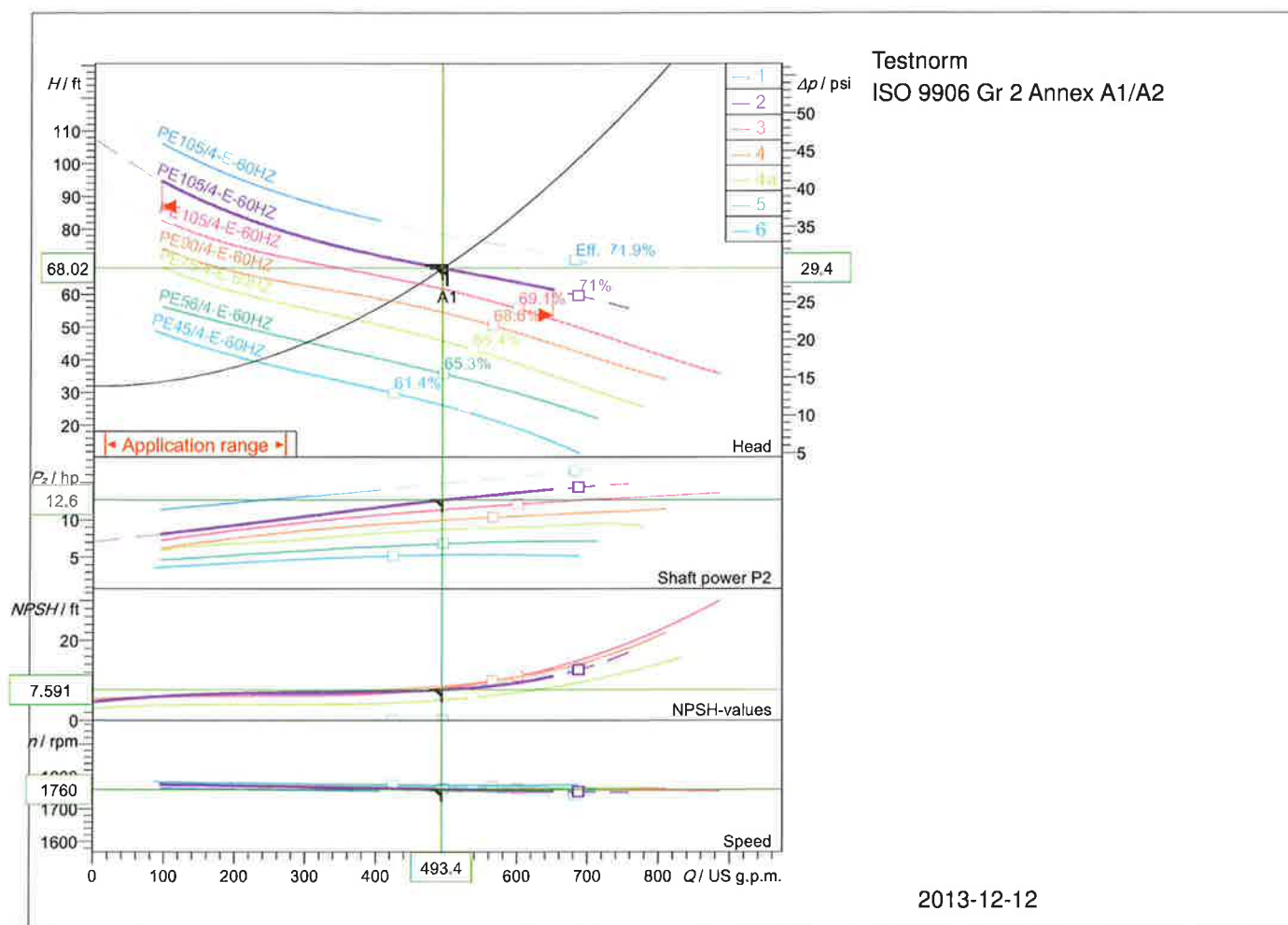
Last update

Product description

SULZER

Pos.no	Description	Item no.	Quant.	UP / USD	TP / USD
	XFP100E CB1		1		
	Centrifugal pump: XFP100E CB1 XFP		1	On req.	On req.
	ABS EffeX XFP range of submersible pumps (PE1 to PE3) are supplied for reliable and economic pumping of clear water, polluted water and most heavily polluted sewage containing solids, faecal slurry and sludge in commercial, industrial and municipal application. Driven by Premium Efficiency IE3 motor in according with IEC 60034-30, exceeding CEMEP EFF 1. Motor insulation according to Class H, temperature rise according to Class A. Explosion proof as standard, ATEX, FM and CSA. Continuously rated motor suitable for wet and dry installation as standard.(PE1 and PE2) PE3 has the option of internal closed loop cooling system for dry installation. Equipped with temperature and moisture sensors as standard. Standard sewage hydraulic with Contrablock plus gives enhanced levels of blockage resistance and excellent rag handling with large free solids passage of 75 mm minimum.				
	50Hz Capacity up to 750 m3/h Head, max. 74 m				
	60Hz Capacity up to 3500 US g.p.m. Head, max. 330ft				
	Type: XFP100E CB1				
	Technical data				
	Delivery rate		: 493.4 US g.p.m.		
	Delivery head		: 68.02 ft		
	Hydr. Efficiency		: 68.11 %		
	Total efficiency		: 63.1 %		
	Shaft power		: 12.64 hp		
	Speed	: 1760 rpm			
	Impeller type		: Contrabloc Plus		
	impeller, 1 vane				
	Motor output		: 14.08 hp		
	Voltage				
		: 460 V			
	Frequency		: 60 Hz		
	Suction outlet		: DN100		
	Discharge outlet		: DN100		
				Total Price	On req.

XFP100E CB1 60HZ



Operating data specification			
Flow	493 US g.p.m.	Head	68 ft
Efficiency	68.1 %	Shaft power	12.6 hp
NPSH	7.59 ft	Fluid	Wastewater
Temperature	68 °F	Nature of system	Single head pump
No. of pumps	1		
Pump data			
Type	XFP100E CB1 60HZ	Make	ABS
Series	XFP PE1-PE3	Impeller	Contrabloc Plus impeller, 1 vane
N° of vanes	1	Impeller size	9.45 inch
Free passage	3.15 inch	Suction port	DN100
Discharge port	DN100		
Motor data			
Rated voltage	460 V	Frequency	60.0 Hz
Rated power P2	14.1 hp	Nominal Speed	1750 rpm
Number of poles	4	Efficiency	92.4 %
Power factor	0.81	Rated current	17.7 A
Starting current	106 A	Rated torque	42.2 lbf ft
Starting torque	87.3 lbf ft	Degree of protection	IP 68
Insulation class	H		

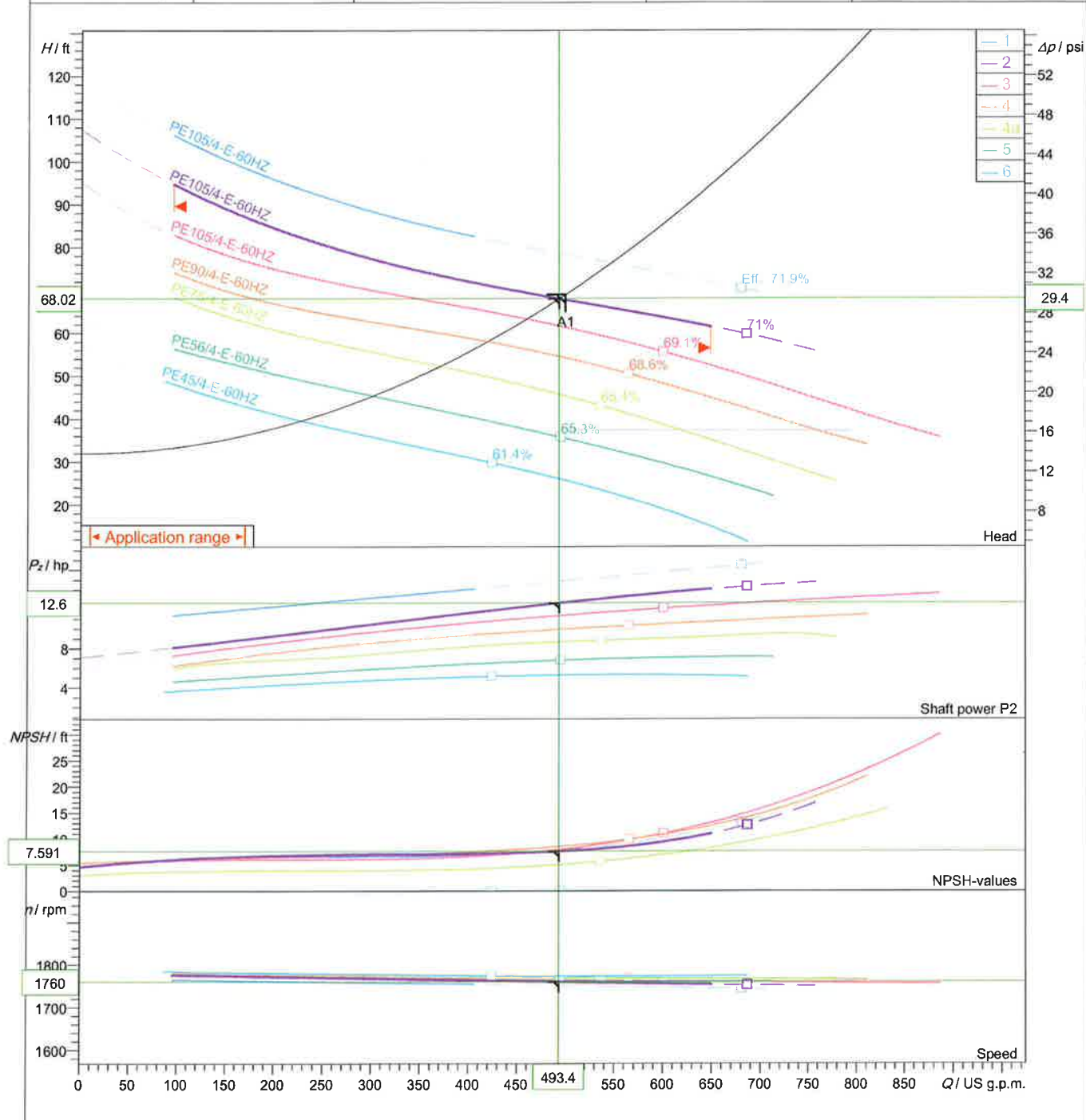
Curve number
Reference curve XFP100E CB1 60HZ

Pump performance curves

XFP100E CB1 60HZ

SULZER

			Discharge DN100	Frequency 60 Hz
Density 62.31 lb/ft ³	Viscosity 1.077E-5 ft ² /s	Testnorm ISO 9906 Gr 2 Annex A1/A2	Rated speed 1760 rpm	Date 2013-12-12
Flow 493 US g.p.m.	Head 68 ft	Rated power 12.6 hp	Hydraulic efficiency 68.1 %	NPSH 7.59 ft



Impeller size 9.45 inch	N° of vanes 1	Impeller Contrabloc Plus impeller, 1 vane	Solid size 3.15 inch	Revision
----------------------------	------------------	--	-------------------------	----------

Sulzer reserves the right to change any data and dimensions without prior notice and can not be held responsible for the use of information contained in this software.

Spaix® 4, Version 4.0.23 - 2013/11/26 (Build 195)
Data version Nov-2013

abs

Frequency
60 Hz

Motor performance curve

PE105/4-E-60HZ

SULZER

Rated power
14.1 hp

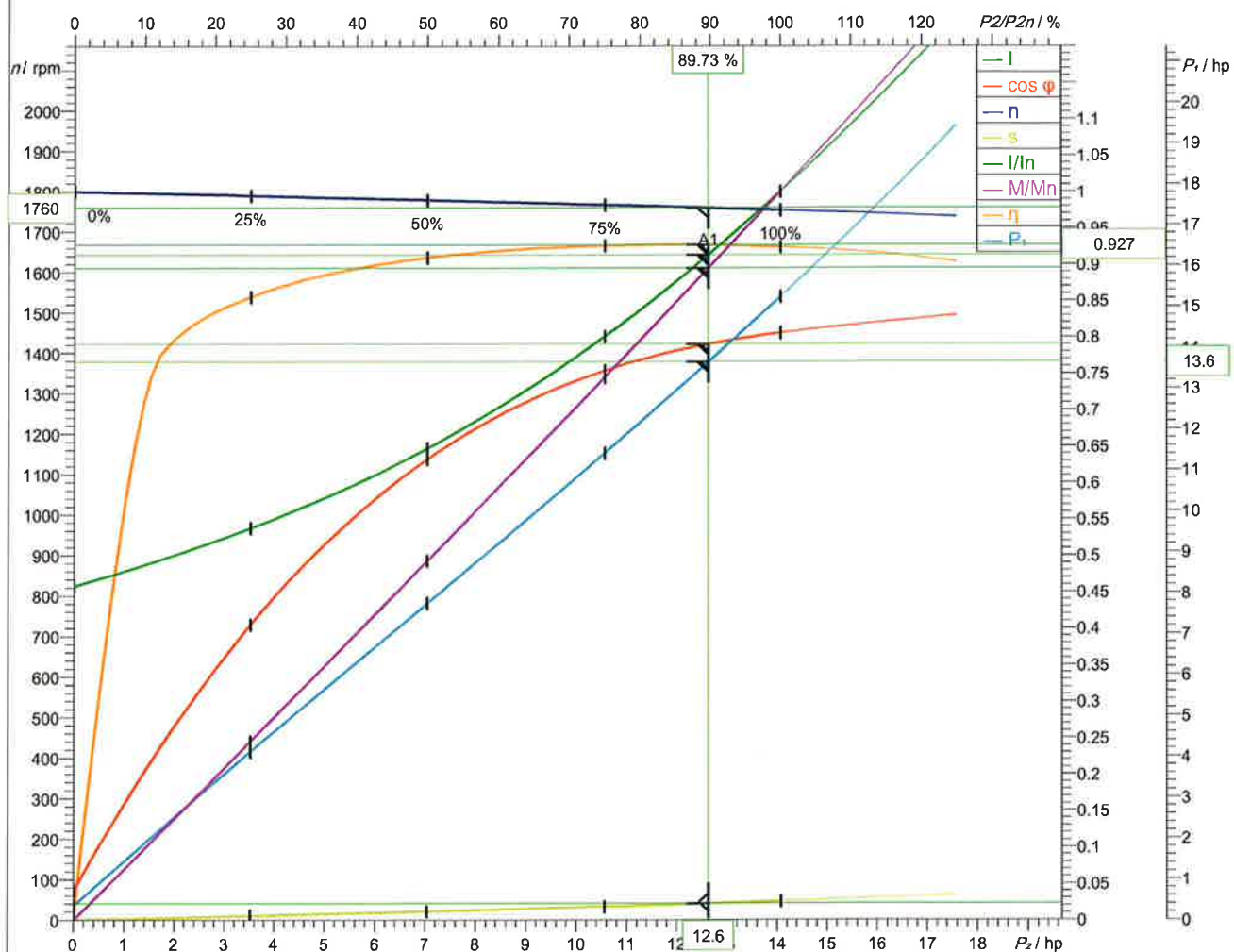
Service factor
1.3

Nominal Speed
1750 rpm

Number of poles
4

Rated voltage
460 V

Date
2013-12-12



Symbol No load 25 % 50 % 75 % 100 % 125 %

Tolerance according to VDE 0530 T1 12.84 for rated power

Starting current
106 A

Starting torque
87.3 lbf ft

Moment of inertia
1.07 lb ft²

Sulzer reserves the right to change any data and dimensions without prior notice
and can not be held responsible for the use of information contained in this software.

Spaix® 4, Version 4.0.23 - 2013/11/26 (Build 195)
Data version Nov-2013

abs

Appendix H

Proposed Wetwell Operation

Longhorn Lift Station
Modifications to Operation

Lift Station Sizing

Design Flows

Max Design Flow: **424 gpm** (Peak Hourly)

Pump Criteria

Number of Firm Pumps **1**

Pump Capacity: **500 gpm**

Pump Cycle Time Interval: **20 min**

Wetwell Dimensions

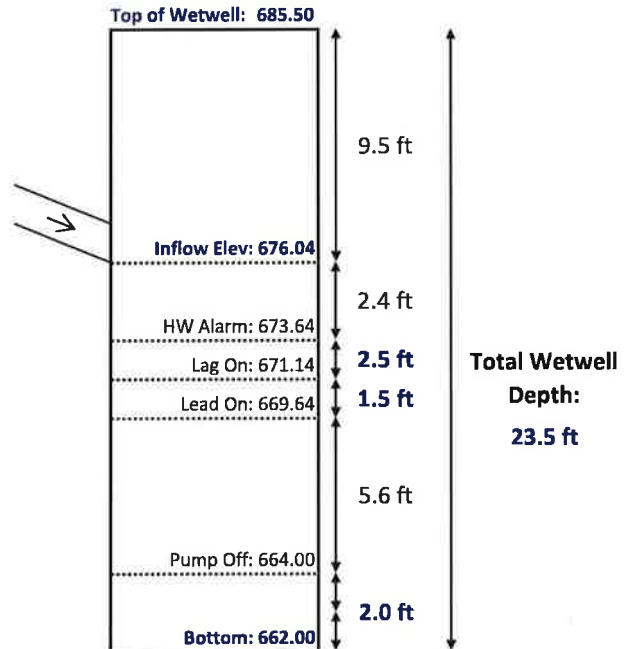
Req'd Wetwell Vol = QT/4: 2,120 gal = 283 CF

Wetwell Shape: **Round**

Diameter: **8 ft**

Cross-Sectional Area = 50.3 ft²

Working Depth: 5.64 ft²



Forcemain w/ Upsized Pump Discharge Lines

Pipe Segment		1	2	3
Pipe Diameter		6.0-in	6.0-in	8.0-in
Run Length		2 ft	25 ft	9120 ft
Hazen-Williams "C"		150	150	150
90° Bend	0.30	1	2	-
45° Bend	0.20	-	-	1
22.5° Bend	0.10	-	-	3
Tee Thru	0.20	-	-	-
Tee L-B	0.70	-	1	-
Entrance	0.50	1	-	-
Exit	1.00	-	-	1
Check Valve	2.00	-	1	-
Ecc. PV	1.00	-	1	-
Increaser	0.40	1	-	1
Sum of K Coefficients:		1.2	4.3	1.9
Velocity (ft/s):		5.67	5.67	3.19
Friction Loss (ft):		0.03	0.40	35.65
Minor Losses (ft):		0.60	2.15	0.30
Total Head Loss (ft):		0.63	2.55	35.95

Static Head (ft)

Pump Discharge Elevation: 664 ft

Peak Line Elevation: 696 ft

Total Static Head: 32 ft

Duty Point for Pump Selections

Design Flow: 500 gpm

Total Head: 71 ft

Static Head: 32 ft

JANUARY 2014

SEVERN TRENT ENVIRONMENTAL SERVICES, INC and GLENPOOL UTILITY SERVICES AUTHORITY COUNCIL MEETING UPDATE

Severn Trent Services
Margaret Montgomery
503 W. 138th ST – Glenpool OK, 74033
Sjeff@stservices.com
(Office) 918-322-3822 (Cell) 918-808-0231



WASTEWATER PLANT/WATER SAMPLING

- Installed New Auger Burrell Screen Motor
- Installed New Influent Pump Location # 1
- Did Confined Space Entry at Sewer Plant – Pulled Probe
- Relocated Probe inside Split Flow Bldg.
- Installed inflow vent at Dechloro Bldg
- Took Ammonia samples on all Lift Stations – Extra Samples pulled at Con-Way Trucking
- Corrected SCADA Issues at Sewer Plant
- Ran new Phone Line at Sewer Plant

PUMP STATIONS

- Routine checks, floats clean, run times recorded.
- All lifts stations are operational.

Fire Hydrant Repair

- Replaced Broken Fire Hydrant – 144th & Kendalwood - 143rd & Hickory

METER READING

- We started meter readings on January 2nd. All reads completed on January 13th.
- We completed 96 Service Orders from the billing department.
- We had a total of 160 turn-offs, 73 re-reads, and 12 blue tags.
- 4 new service taps, 8 meter swaps

ANIMAL CONTROL

- We had 24 Animal Control Calls for the month of October.
- We were able to adopt out 1 animal.

FINANCIALS

- Financials Materials Cap
 - We spent a total of **\$5189.41**
- Financials Maintenance Cap
 - We spent a total of **\$9001.30**



Community Development Director's Report

January 30, 2014

To: Glenpool City Council & Glenpool Utility Services Authority

Councilors and Board Members,

The following report highlights and summarizes the various activities that are currently being addressed and processed by the Community Development Department as related to major public and private improvement and construction projects:

City Related Projects and Issues:

City of Glenpool Wastewater Treatment Facility Improvement Project:

- *The City has been notified by ODEQ that Consent Order No. 10-055, originally issued to GUSA in April of 2010, has been officially closed per the attached communication received January 27th. (Great news!)*
- The recurring issues with the automated ammonia detection analyzer, and oxidation/chlorination processing equipment were fully discussed and strategized in a technical meeting held January 15th. The meeting was attended by representatives of Tetra Tech Engineering Consultants, Severn/Trent Environmental Services, and City Staff. The purpose of this meeting was to review several equipment installation and operations issues that had not been addressed sufficiently to allow the chlorination treatment process to function in an automated mode as it was designed to operate.
- A method of relocating a strategic piece of equipment was discussed and devised to provide the required maintenance to a particular control instrument. The lack of ability to perform routine maintenance on this equipment necessitated the manual operation of the chemical injection portion of the overall treatment process. Sever/Trent personnel have successfully accomplished this relocation and are currently waiting on the original equipment vendor to recalibrate the instrument in order to regain full automation.
- Several other issues were discussed in this meeting regarding the use of excessive amounts of chemicals related to the newly installed chlorination processing that has proven to be necessary to achieve the desired testing results.

- From a cost-of-operating standpoint, the plant has experienced monthly totals that almost double the original estimate Tetra Tech predicted in their design study.
- It was generally agreed that some portion of this excess could likely be attributed to the fact that the plant has had to be operated manually due to the equipment issues mentioned above. The consensus seems to be that, once these issues are resolved and the plant is being operated in more of an automated mode, the chemical usage may be reduced to some degree.
- However, one main concern was discovered and discussed in detail at the meeting. Tetra Tech pointed out that the daily, weekly, and monthly monitoring reports generated by the plant operators indicate that an extremely large amount of dissolved ammonia and organic compounds are being detected in the raw sewage influent entering the plant. The testing indicates that amount to be 2-3 times what should be expected from a community of our population and considering the type of commercial and industrial facilities that discharge into our sewer system.
- Tetra Tech stated that the original design of the chlorination process for the facility was based on many years of influent testing done prior to, or in conjunction with, the design of the plant improvements. During that period of testing, the average ammonia and BOD levels were a small fraction of those being experienced since early in 2013 - long after the plant improvements were designed and installed.
- The end result of these excessive readings is that the use of more chemical is being required to oxidize the dissolved ammonia and to disinfect the BOD content coming into the plant, thus increasing operating costs and adversely impacting the ability to remove chlorine from the plant effluent before discharging into the Arkansas River..
- As a result of this discovery, Severn/Trent staff have initiated a field investigation into likely sources of the excessive ammonia and organic pollution being discharged into our sewer system. Once isolated, the City will contact these entities to communicate the issue and seek resolution to the issue.
- Staff will continue to monitor this situation and the investigate actions being taken; keep the Council and Board informed of findings; and develop an appropriate course of action to mitigate the problem - either by voluntary cooperation from system users or by strict effluent quality regulations enforceable by City ordinance.

Phase VI of the City's Master Street Repair Program:

- The Glenpool 2013/2014 fiscal budget originally allocated \$200,000 to be used for street repair projects. Generally, this budget item has been reserved for larger scope-of-work projects than those the City Streets and Parks Department is capable of executing from an equipment and manpower standpoint.
- To date, there has been approximately \$10,000 used from this budget item for miscellaneous street repair materials to facilitate smaller projects that the Streets and Parks Department has performed in the first part of this fiscal year.
- The remaining \$190,000 has not been ear-marked for specific projects and is available for the next major phase of our Master Street Repair program.

- Staff is in the process of identifying and documenting likely project areas to be included in this next phase of work.
- The goal is to develop a fairly comprehensive list of repair projects, prioritize them from a cost and public safety standpoint, and present the resulting list to the Council in a workshop tentatively scheduled for the February 17th regular Council meeting.
- Staff will present the list of projects, discuss the nature of the repairs required at each selected site, and estimate the cost of each.
- The expected result of this workshop is to gain Council involvement with the selection of potential repair projects at some level of detail and to give Staff general guidance as to location and project magnitude they wish to get accomplished in this phase of the program.
- Using information gathered in the workshop, Staff will develop the final list of projects for this phase, produce contract bid documents, bid the work, and present the results to the Council at the March 17th regular Council meeting.
- It is anticipated that the low-bid total for the selected projects will likely exceed the \$190,000 budget allocation. The goal will be to solicit Council assistance in determining the list of projects to be included in the final contract with the low bidder.
- Based on this tentative schedule of events, actual construct start will likely occur approximately April 1st.

Private Development and/or Building Projects:

Grandview Heights Apartments: MonTapp Addition

- The project Site Plan, public and private utility design, and building construction documents have been fully approved.
- All building and site related permits are currently approved awaiting pickup by the Developer and/or their selected contractors.
- City Staff held a preliminary pre-construction meeting January 21st with Triangle Construction Company selected as the utility construction contractor for the project. It was disclosed that the project start-up is eminent and will likely break ground sometime after February 1st.
- Conversations held directly with the Developer on January 28th confirmed that prediction regarding a start date of somewhere around the middle of February - barring inclement weather.

Holiday Inn Express: MonTapp Addition

- Structural framing for the superstructure of the building and rough-in and top-out installation have been completed.
- Drywall and insulation installation is well underway at this time
- Anticipated full completion has been moved up to approximately May 15, 2014.

Mansfield Lane Residential Subdivision:

- This project is located on the east side of Elwood Avenue at 147th Street, abuts the south boundary of Glen Village, and consists of 88 single family residential lots.
- Public utility infrastructure improvement construction is under way currently and is progressing quickly.
- Final paving construction is anticipated to start approximately March 1st.
- Full completion of all development improvements is anticipated by April 1st, 2014.
- Final Subdivision Plat release for recording will follow construction completion and acceptance by the City and is anticipated to occur in early April. At that time, the City should be in position to begin issuing building permits on property in this project.

The Crossings at Glenpool: Phases IV and V

- City Staff has approved all public infrastructure construction plans for the completion of Phase IV & V of the overall development.
- Grading and erosion control construction for these last phases started approximately November 15, 2013.
- The start of public infrastructure improvement construction serving these last phases started approximately December 15th, 2013.
- Final paving construction is scheduled to start approximately March 1st.
- Full project completion (Phase IV) is predicted to be on or before April 1st, 2014 at which time the City will be in position to accept the public improvements and release the Subdivision Plat for recording.
- City issued Building Permits within the development should begin to be available by approximately May 1st, 2014.

Glenn Abbey Addition: Phase II

- All infrastructure improvement construction documents for this subdivision have been reviewed and approved by City Staff.
- Street right of way and area grading for the addition has been ongoing since approximately November 15th and is nearing completion.
- A Permit to Construct issued by ODEQ covering the installation of public water and sanitary sewer lines was issued in early January and has been received by City Staff.
- The actual start of public utility infrastructure construction occurred January 20th.
- Full project completion of the development improvements for the addition is being predicted to be on or before July 1st, 2014, at which time the City will be in position to accept the public improvements and release the Subdivision Plat for recording.
- City issued Building Permits within the development should begin to be issued by approximately mid July, 2014.

Glenpool Residential and Commercial Building Permits:

• New Residential Permits Issued in January	8 Total
• New Commercial Permits Issued in January	-0- Total
• Current Active Residential Permits:	53 Total
• Current Active Commercial Permits:	6 Total
• 2013 Residential Permits Issued thru January 31 st .	15 Total
• 2014 Residential Permits Issued thru January 31 st .	8 Total
• 2013 Commercial Permits Issued thru January 31 st .	5 Total
• 2014 Commercial Permits Issued thru January 31 st .	-0- Total



SCOTT A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
Governor

January 22, 2014

Momodou Ceesay, Chairman
Glenpool Utility Services Authority
P.O. Box 70
Glenpool, Oklahoma 74033-0070

Re: **Consent Order No. 10-055 and Addenda – Closed**
Glenpool Wastewater Treatment Facility
OPDES Permit No. OK0027138
S-20430

Dear Mr. Ceesay:

On April 19, 2010, the Department of Environmental Quality (DEQ) and Glenpool Utility Services Authority (Authority) agreed to Consent Order 10-055 to address permit limit violations occurring at the Authority's wastewater treatment facility (WWTF). On February 21, 2012, DEQ and the Authority agreed to amend Consent Order 10-055 with Addendum A.

On July 5, 2013, DEQ received correspondence from the Authority that included an engineer's certification that construction of the necessary WWTF improvements was complete. On January 14, 2014 the final payment record for the project associated with the Consent Order was received via email from Lynn Burrow, Community Development Director for the City of Glenpool. The total cost to address the permit limit violations identified in the Consent Order was \$2,760,468.81. A review of the Authority's discharge monitoring reports shows that the violations cited in the Consent Order have been eliminated. **Therefore, DEQ is closing Consent Order 10-055 and Addenda thereto.**

Should you have any questions concerning this letter, please contact Travis Archer, E.I., District Representative, Municipal Wastewater Enforcement Section, at (405) 702-8109 or write to Mr. Archer at the letterhead address.

Sincerely,

A handwritten signature in black ink that reads "Carl D. Parrott".

Carl D. Parrott, P.E.
Division Engineer
Water Quality Division

CDP/TA/PR/md TM/BLB/CG/CE

cc: Lynn Burrow, P.E., Community Development Director, City of Glenpool
Chad Keller, ECLS, Tulsa DEQ Office
Rick Austin, Regional Manager, ECLS, DEQ



NOTICE
GLENPOOL INDUSTRIAL AUTHORITY
MEETING

A Regular Session of the Glenpool Industrial Authority will be held immediately following the Glenpool Utility Service Authority meeting, which follows the Glenpool City Council meeting which begins at 6:00 p.m., Monday, February 3, 2014, at Glenpool City Hall, City Council Chambers, 3rd Floor, 12205 S. Yukon Ave., P.O. Box 70, Glenpool, Oklahoma.

The following items are scheduled for consideration by the Authority at that time:

AGENDA

- A. Call to Order
- B. Roll call, declaration of quorum
- C. Scheduled Business
 - 1. Discussion and possible action to approve minutes from January 13, 2014 meeting.
- D. Adjournment

This notice and agenda was posted at Glenpool City Hall, 12205 S. Yukon Ave., P.O. Box 70, Glenpool, Oklahoma, on _____, 2014.

Signed: _____
City Clerk

MINUTES
GLENPOOL INDUSTRIAL AUTHORITY
January 13, 2014

The Regular Session of the Glenpool Industrial Authority was held at 7:51 p.m., Council Chambers, Glenpool City Hall. Trustees present were: Momodou Ceesay, Chairman; Alyce Korb, Vice Chairman; Tim Fox, Trustee; Trish Agee, Trustee and Tommy Carner, Trustee.

Staff present was: Lowell Peterson, City Attorney, Susan White, Secretary and Charles Barnes, Finance Director. David Tillotson, Assistant City Manager was absent.

A. Chairman Ceesay called the meeting to order at 7:51 p.m.

B. Susan White, Secretary called the roll, Chairman Ceesay declared a quorum present.

C. Scheduled Business:

1. Discussion and possible action to approve minutes from December 16, 2013 meeting.

MOTION: Trustee Agee moved, second by Trustee Carner to approve the minutes as presented.

FOR: Trustee Fox; Trustee Agee; Trustee Carner; Vice-Chairman Korb; Chairman Ceesay

AGAINST: None

Motion carried.

D. Adjournment.

There being no further business, Chairman Ceesay declared the meeting adjourned at 7:52 p.m.

Date

Chairman

ATTEST:

Secretary

NOTICE
GLENPOOL AREA EMERGENCY MEDICAL SERVICE DISTRICT
MEETING

A Regular Session of the Glenpool Area Emergency Medical Service District will be held immediately following the Glenpool Industrial Authority meeting which starts immediately following the Glenpool Utility Service Authority meeting which starts immediately following the Glenpool City Council meeting which begins at 6:00 P.M., Monday, February 3, 2014, at Glenpool City Hall, City Council Chambers, 3rd Floor, 12205 S. Yukon Ave., P.O. Box 70, Glenpool, Oklahoma.

The following items are scheduled for consideration at that time:

AGENDA

- A. Call To Order
- B. Roll Call and Declaration of Quorum
- C. Scheduled Business
 - 1. Discussion and possible action to approve minutes from January 13, 2014 meeting.
 - 2. Discussion and possible action to accept the EMS Plus Activity Report for January 2014.
- D. District Administrator Report
- E. Adjournment

This notice and agenda was posted at Glenpool City Hall, 12205 S. Yukon Ave., P.O. Box 70, Glenpool, Oklahoma on _____, 2014.

Signed: _____
District Clerk/Secretary

MINUTES
GLENPOOL AREA EMERGENCY MEDICAL SERVICE DISTRICT
REGULAR SESSION
January 13, 2014

The Regular Meeting of the Glenpool Area Emergency Medical Service District was held at 7:52 p.m., Council Chambers, Glenpool City Hall. Members present were: Momodou Ceesay, Chairman; Alyce Korb, Vice Chairman; Tim Fox, Member; Patricia Agee, Member and Tommy Carner, Member.

Staff present was: Lowell Peterson, District Legal Counsel; Susan White, District Clerk/Secretary; and Charles Barnes, District Treasurer. David Tillotson, District Administrator was absent.

A. Chairman Ceesay called the meeting to order at 7:52 p.m.

B. Susan White, Clerk/Secretary called the roll and Chairman Ceesay declared a quorum present.

C. Scheduled Business:

1. Discussion and possible action to approve minutes from December 16, 2013 meeting.

MOTION: Member Agee moved, second by Member Carner to approve the minutes as presented.

FOR: Member Fox; Member Agee; Member Carner; Vice-Chairman Korb; Chairman Ceesay.

AGAINST: None

Motion carried.

2. Discussion and possible action to appoint GEMS District Administrator to fill vacancy left by David Tillotson.

Chairman Ceesay recommended Susan White, Clerk/Secretary to serve as District Administrator and District Clerk/Secretary simultaneously, and receive the compensation for each appointment at current rate of pay.

MOTION: Member Fox moved, second by Member Agee to approve Chairman Ceesay's recommendation.

FOR: Member Agee; Member Carner; Member Fox; Vice Chairman Korb; Chairman Ceesay

AGAINST: None

Motion carried.

3. Discussion and possible action to accept the EMS Plus Activity Report for December 2013.

MOTION: Member Agee moved, second by Member Carner to accept the EMS Plus Activity Report for December 2013 as presented.

FOR: Member Carner; Member Fox; Member Agee; Vice Chairman Korb; Chairman Ceesay

AGAINST: None

Motion carried.

D. District Administrator Report

- Ms. White reported that we continue to wait on the release of the regular audit conducted by the Oklahoma Auditor and Inspector's office in August 2013.

E. Adjournment

There being no further business, the meeting was adjourned at 7:56 p.m.

Glenpool Area Emergency
Medical Service District
Minutes
January 13, 2014 Page Two

Date

Chairman

ATTEST:

Clerk/Secretary



January 29, 2014

City of Glenpool
P O Box 70
Glenpool, OK 74033-0070

Enclosed, please find our report of ambulance response activity for the period of January 1st to January 27th, 2014.

During this time period, we logged 106 responses. The following is a breakdown of these responses:

| Emergency responses – 101 – 97% response time compliance.
Non-Emergency responses – 5 – response time not applicable.

Fourteen responses utilized a second ambulance, responding from Glenpool, on their way back from another call or another ambulance service responding from outside the area.

Five responses were outside the Glenpool response area.

Three responses had long response times. The first was due to slick road conditions.

The second call with a long response time was due to one of the medics not waking up when the pagers went off. His partner knocked on the medic's door and received a verbal response three times, but from what we can gather, he was talking in his sleep. Once the medic was fully awake, the ambulance went enroute to the call. After counseling this medic, we found he was extremely tired at the time of this incident. At this time, we are researching way of preventing this from happening again.

The third call with at long response time was due to the ambulance crew being given an incorrect address. Once the ambulance arrived at the first address and found it was not the correct location, the police dispatcher rechecked and found 2 numbers had been inverted. Once the correct address was received, the ambulance was on scene within 4 minutes.

Should you have any questions or concerns regarding this report, please feel free to contact me.

Respectfully,

Kristie A Walton

Kristie A Walton
Owner/Manager



Log Report**Glenpool - January 2014**

Call Number Leg Call Date Level Of Care	Attendants	Day	Caller Dispatch Urgency	Unit Description Transport Urgency	Rcvd Paged Enroute On Scene	To Dest At Dest Availabl
G00136 1 01/01/2014	Glenpool, City of	Wed	----			
001 1 01/01/2014 Paramedic	29 132	Wed	Police/Fire/911 Code 3	Unit 107 Code 1	03:00 03:00 03:02 03:07	03:21 03:37 03:50 E - 7
002 1 01/01/2014 Paramedic	184 171	Wed	Police/Fire/911 Code 3	Unit 108 Code 1	03:40 03:40 03:40 03:43	03:47 04:10 04:27 E - 3 @
003 1 01/01/2014 Paramedic	10 161	Wed	Police/Fire/911 Code 3	Unit 107 Code 1	18:43 18:43 18:44 18:47	19:06 19:27 19:34 E - 4
004 1 01/01/2014 Paramedic	156 171	Wed	Police/Fire/911 Code 3	Unit 108 Code 1	22:21 22:21 22:22 22:26	22:49 23:11 23:32 E - 5
005 1 01/01/2014 Paramedic	10 161	Wed	Family/Friend Code 3	Unit 107 Code 1	22:47 22:47 22:48 22:51	23:28 23:53 00:11 E - 4 @
006 1 01/02/2014 Paramedic	10 161	Thu	Police/Fire/911 Code 3	Unit 107 Code 1	05:32 05:32 05:36 05:39	06:16 06:35 07:03 E - 7
007 1 01/02/2014 Paramedic	184 148	Thu	Police/Fire/911 Code 3	Unit 107 Code 1	10:35 10:35 10:36 10:39	10:57 11:14 11:34 E - 4
008 1 01/02/2014 Paramedic	184 189	Thu	Police/Fire/911 Code 3	Unit 108 Patient Not Transported	12:31 12:31 12:31 12:36	12:51 12:51 12:51 E - 5
009 1 01/02/2014 Intermediate	176 190	Thu	Hospital Staff Code 1	Unit 102 Code 1	14:41 14:41 14:41 14:59	15:18 15:36 15:50 NE - 18

@ = Second ambulance responding

Log Report**Glenpool - January 2014**

Call Number Leg	Day	Caller	Unit Description	Rcvd Paged	To Dest At Dest
Call Date	Attendants	Dispatch Urgency	Transport Urgency	Enroute On Scene	Availabl
Level Of Care					
010 1 01/02/2014 Paramedic	156 189	Thu Police/Fire/911 Code 3	Unit 108 Code 1	22:55 22:55 22:56 23:01	23:16 23:38 23:59 E – 6
011 1 01/02/2014 Paramedic	184 176	Thu Police/Fire/911 Code 3	Unit 107 Code 1	23:42 23:42 23:46 23:50	00:17 00:41 00:57 E – 8 @
012 1 01/02/2014 Paramedic	156 189	Thu Police/Fire/911 Code 3	Unit 108 Patient Not Transported	07:06 07:06 07:08 07:18	07:50 07:50 E – 12 #
012 1 01/02/2014 Paramedic	156 189	Thu Police/Fire/911 Code 3	Unit 108 Patient Not Transported	07:06 07:06 07:08 07:18	07:50 07:50 E – 12 #
013 1 01/03/2014 Paramedic	185 132	Fri Nursing Home/Care Facility Code 1	Unit 108 Code 1	15:47 15:47 15:47 15:52	16:00 16:19 16:58 NE – 5
014 1 01/03/2014 Paramedic	184 181	Fri Police/Fire/911 Code 3	Unit 107 Code 1	17:02 17:02 17:06 17:08	17:41 18:05 18:30 E – 6
015 1 01/04/2014 Paramedic	184 189	Sat Police/Fire/911 Code 3	Unit 107 Code 1	08:42 08:42 08:44 08:49	09:09 09:31 09:46 E – 7
016 1 01/04/2014 Paramedic	185 148	Sat Police/Fire/911 Code 3	Unit 108 Patient Not Transported	12:26 12:26 12:30 12:31	12:44 12:44 E – 5
017 1 01/04/2014 Paramedic	185 148	Sat Police/Fire/911 Code 3	Unit 108 Code 1	18:15 18:15 18:15 18:21	18:38 18:57 19:14 E – 6
018 1 01/04/2014 Paramedic	156 189	Sat Police/Fire/911 Code 3	Unit 102 No Patient Found	20:19 20:19 20:20 20:22	20:25 20:25 E – 3

@ = Second ambulance responding

= Outside the Glenpool response area

Log Report**Glenpool - January 2014**

Call Number Leg	Day	Caller	Unit Description	Rcvd Paged	To Dest At Dest
Call Date	Attendants	Dispatch Urgency	Transport Urgency	Enroute On Scene	Availabl
Level Of Care					
019 1 01/05/2014 Paramedic	156 189	Sun Police/Fire/911 Code 3	Unit 102 Code 1	03:16 03:16 03:18 03:26	03:50 04:19 04:35 E – 10 *
020 1 01/05/2014 Paramedic	185 148	Sun Police/Fire/911 Code 3	Unit 105 Code 1	09:39 09:39 09:42 09:47	10:08 10:42 10:59 E – 8
021 1 01/05/2014 Paramedic	156 183	Sun Police/Fire/911 Code 3	Unit 102 Code 1	10:39 10:39 10:40 10:46	11:04 11:31 11:58 E – 7 @
022 1 01/05/2014 Paramedic	156 183	Sun Police/Fire/911 Code 3	Unit 102 Code 1	13:03 13:03 13:05 13:08	13:27 13:50 14:24 E – 5
023 1 01/05/2014 Paramedic	185 148	Sun Police/Fire/911 Code 3	Unit 105 Code 1	13:55 13:55 13:58 14:02	14:17 14:24 15:00 E – 7 @
024 1 01/05/2014 Paramedic	185 148	Sun Nursing Home/Care Facility Code 1	Unit 105 Code 1	20:36 20:36 20:38 20:44	21:08 21:31 21:48 NE – 8
025 1 01/06/2014 Paramedic	29 132	Mon Creek County EMS Code 3	Unit 108 Code 1	08:20 08:20 08:22 08:33	08:46 09:07 09:21 E – 13 #
026 1 01/06/2014 Paramedic	185 183	Mon Police/Fire/911 Code 3	Unit 105 Patient Not Transported	10:26 10:26 10:28 10:31	10:43 10:43 E – 5
027 1 01/06/2014 Paramedic	29 132	Mon Police/Fire/911 Code 3	Unit 108 Code 1	14:38 14:38 14:38 14:42	15:03 15:17 15:35 E – 4
028 1 01/06/2014 Paramedic	185 183	Mon Police/Fire/911 Code 3	Unit 105 Code 1	16:35 16:35 16:36 16:42	17:14 17:29 17:56 E – 7

* = Long response time

@ = Second ambulance responding

= Outside the Glenpool response area

Log Report**Glenpool - January 2014**

Call Number Leg	Call Date	Attendants	Day	Caller	Unit Description	Rcvd Paged Enroute On Scene	To Dest At Dest Availabl
Level Of Care				Dispatch Urgency	Transport Urgency		
028 1 01/06/2014 Paramedic		185 183	Mon	Police/Fire/911 Code 3	Unit 105 Code 1	16:35 16:35 16:36 16:42 E – 7	17:14 17:29 17:56
029 1 01/06/2014 Paramedic		29 132	Mon	Police/Fire/911 Code 3	Unit 108 Code 3	19:44 19:44 19:44 19:48 E – 4	20:03 20:20 20:56
030 1 01/07/2014 Paramedic		185 176	Tue	Police/Fire/911 Code 3	Unit 105 Code 1	05:45 05:45 05:48 05:49 E – 4	06:09 06:38 07:03
031 1 01/07/2014 Paramedic		185 183	Tue	Police/Fire/911 Code 3	Unit 105 Code 1	08:46 08:46 08:48 08:53 E – 7	09:13 09:27 09:42
032 1 01/07/2014 Paramedic		No, Haul 156 190	Tue	Police/Fire/911 Code 1	Unit 107 PD Assest	09:13 09:13 09:18 09:24 NE – 11	10:36 10:36
033 1 01/07/2014 Paramedic		29 132	Tue	Police/Fire/911 Code 3	Unit 108 Code 1	13:50 13:50 13:51 13:54 E – 4	14:19 14:36 14:48
034 1 01/07/2014 Paramedic		29 132	Tue	Police/Fire/911 Code 3	Unit 108 Patient Not Transported	16:41 16:41 16:43 16:46 E – 5	17:02 17:02
035 1 01/07/2014 Paramedic		156 171	Tue	Police/Fire/911 Code 3	Unit 107 Patient Not Transported	21:31 21:31 21:33 21:36 E – 5	21:53 21:53
036 1 01/08/2014 Paramedic		29 132	Wed	Police/Fire/911 Code 3	Unit 108 Patient Not Transported	00:05 00:05 00:06 00:08 E – 3	00:23 00:23
036 1 01/08/2014 Paramedic		29 132	Wed	Police/Fire/911 Code 3	Unit 108 Patient Not Transported	00:05 00:05 00:06 00:08 E – 3	00:23 00:23

Log Report**Glenpool - January 2014**

History ID : 1701825

Call Number Leg	Call Date	Attendants	Day	Caller	Unit Description	Rcvd Paged Enroute On Scene	To Dest At Dest Availabl
Level Of Care				Dispatch Urgency	Transport Urgency		
037 1 01/08/2014 Paramedic		29 132	Wed	Police/Fire/911 Code 3	Unit 108 Code 1	01:18 01:18 01:19 01:22 E – 4	01:40 01:59 02:19
038 1 01/08/2014 Paramedic		156 171	Wed	Police/Fire/911 Code 3	Unit 107 Code 1	05:36 05:36 05:37 05:41 E – 5	05:59 06:17 06:36
039 1 01/08/2014 Paramedic		29 132	Wed	Police/Fire/911 Code 3	Unit 108 Code 1	07:09 07:09 07:12 07:15 E – 6	07:29 07:58 08:15
040 1 01/08/2014 Paramedic		10 161	Wed	Police/Fire/911 Code 3	Unit 105 Code 3	08:39 08:39 08:42 08:45 E – 6	09:20 09:38 10:04
041 1 01/08/2014 Paramedic		10 161	Wed	Police/Fire/911 Code 3	Unit 108 Code 1	15:17 15:17 15:18 15:22 E – 5	15:54 16:16 16:33
042 1 01/09/2014 Paramedic		175 189	Thu	Police/Fire/911 Code 3	Unit 107 Cancelled Enroute	09:29 09:29 09:31 E – 0	09:31
043 1 01/09/2014 Paramedic		175 189	Thu	Police/Fire/911 Code 3	Unit 107 Code 1	09:45 09:45 09:47 09:51 E – 6	10:00 10:21 10:42
044 1 01/10/2014 Paramedic		29 132	Fri	EMSA Code 1	Unit 102 Code 1	11:23 11:23 11:23 11:45 NE – 22	12:26 12:33 12:38
045 1 01/10/2014 Paramedic		175 161	Fri	Nursing Home/Care Facility Code 3	Unit 107 Code 1	17:57 17:57 17:59 18:01 E – 4	18:19 18:42 19:17
046 1 01/10/2014 Paramedic		184 181	Fri	Police/Fire/911 Code 3	Unit 108 Patient Not Transported	23:35 23:35 23:37 23:41 E – 6	23:54 23:54

Log Report**Glenpool - January 2014**

History ID : 1701825

Call Number Leg	Day	Caller	Unit Description	Rcvd Paged	To Dest At Dest
Call Date	Attendants			Enroute	Availabl
Level Of Care		Dispatch Urgency	Transport Urgency	On Scene	
047 1 01/11/2014 Paramedic	184 181	Sat	Police/Fire/911 Code 3	Unit 108 Code 1	04:11 04:11 04:14 04:16 E – 5
048 1 01/11/2014 Paramedic	185 148	Sat	Police/Fire/911 Code 3	Unit 108 Code 1	08:11 08:11 08:13 08:14 E – 3
049 1 01/11/2014 Paramedic	185 148	Sat	Police/Fire/911 Code 3	Unit 108 Code 1	10:13 10:13 10:15 10:19 E – 6
050 1 01/11/2014 Paramedic	161 189	Sat	Police/Fire/911 Code 3	Unit 107 Patient Not Transported	10:26 10:26 10:27 10:29 E – 3 @
051 1 01/11/2014 Intermediate	161 189	Sat	Police/Fire/911 Code 3	Unit 107 Code 1	11:04 11:04 11:06 11:09 E – 5
052 1 01/11/2014 Paramedic	185 148	Sat	Police/Fire/911 Code 3	Unit 108 Code 1	20:08 20:08 20:10 20:20 E – 12 #
053 1 01/12/2014 Paramedic	185 148	Sun	Police/Fire/911 Code 3	Unit 108 Code 1	01:58 01:58 02:01 02:02 E – 4
054 1 01/12/2014 Paramedic	29 189	Sun	Police/Fire/911 Code 3	Unit 107 Code 1	14:14 14:14 14:15 14:17 E – 3
055 1 01/12/2014 Paramedic	29 189	Sun	EMSA Code 3	Unit 107 Code 1	20:55 20:55 20:57 21:14 E – 19 #
056 1 01/13/2014 Paramedic	185 148	Mon	Police/Fire/911 Code 3	Unit 108 Code 3	02:53 02:53 02:56 02:59 E – 6

@ = Second ambulance responding

= Outside the Glenpool response area

Log Report**Glenpool - January 2014**

History ID : 1701825

Call Number Leg	Day	Caller	Unit Description	Rcvd Paged	To Dest At Dest
Call Date	Attendants	Dispatch Urgency	Transport Urgency	Enroute On Scene	Availabl
Level Of Care					
057 1 01/13/2014 Paramedic	29 132	Mon Police/Fire/911 Code 3	Unit 107 Code 1	10:11 10:11 10:11 10:12	10:35 10:48 11:02 E – 1
058 1 01/13/2014 Paramedic	185 183	Mon Police/Fire/911 Code 3	Unit 108 Code 1	10:30 10:30 10:31 10:34	10:43 11:04 11:31 E – 4 @
059 1 01/13/2014 Paramedic	185 183	Mon Police/Fire/911 Code 3	Unit 108 Code 1	13:41 13:41 13:42 13:44	13:55 14:17 14:36 E – 3
060 1 01/13/2014 Intermediate	176 190	Mon Police/Fire/911 Code 3	Unit 102 Code 1	14:39 14:39 14:40 14:44	15:08 15:33 16:12 E – 5 @
061 1 01/13/2014 Paramedic	185 183	Mon Family/Friend Code 3	Unit 108 Code 1	15:00 15:00 15:00 15:03	15:17 15:36 15:50 E – 3
062 1 01/13/2014 Paramedic	185 183	Mon Police/Fire/911 Code 3	Unit 108 Patient Not Transported	17:16 17:16 17:18 17:18	17:21 17:21 E – 2
063 1 01/14/2014 Paramedic	29 132	Tue EMSA Code 3	Unit 107 Cancelled Enroute	11:54 11:54 11:55	12:00 E – 0
064 1 01/15/2014 Paramedic	10 190	Wed Police/Fire/911 Code 3	Unit 107 Code 1	13:18 13:18 13:19 13:22	13:48 14:13 14:35 E – 4
065 1 01/15/2014 Paramedic	156 171	Wed Police/Fire/911 Code 3	Unit 108 Code 1	15:42 15:42 15:42 15:46	16:04 16:34 16:54 E – 4
066 1 01/15/2014 Paramedic	10 190	Wed Family/Friend Code 3	Unit 107 Code 1	16:20 16:20 16:20 16:24	16:58 17:24 17:45 E – 4 @

@ = Second ambulance responding

Log Report**Glenpool - January 2014**

Call Number Leg	Day	Caller	Unit Description	Rcvd Paged	To Dest At Dest
Call Date	Attendants	Dispatch Urgency	Transport Urgency	Enroute On Scene	Availabl
Level Of Care					
067 1 01/16/2014 Paramedic	156 171	Thu	Police/Fire/911 Code 3	Unit 108 Code 1	05:42 05:42 05:58 06:01 E – 19 *
068 1 01/16/2014 Paramedic	175 189	Thu	Police/Fire/911 Code 3	Unit 108 Code 1	12:22 12:22 12:23 12:26 E – 4
069 1 01/16/2014 Paramedic	175 189	Thu	Police/Fire/911 Code 3	Unit 107 Patient Not Transported	16:46 16:46 16:47 16:49 E – 3
070 1 01/16/2014 Paramedic	184 190	Thu	Police/Fire/911 Code 3	Unit 107 Patient Not Transported	17:32 17:32 17:33 17:39 E – 7
071 1 01/17/2014 Paramedic	175 189	Fri	Police/Fire/911 Code 3	Unit 108 Patient Not Transported	05:35 05:35 05:36 05:41 E – 6
072 1 01/17/2014 Paramedic	175 181	Fri	Police/Fire/911 Code 3	Unit 108 Code 1	08:08 08:08 08:11 08:16 E – 8
073 1 01/18/2014 Paramedic	175 161	Sat	Police/Fire/911 Code 3	Unit 108 Code 3	00:04 00:04 00:06 00:09 E – 5
074 1 01/18/2014 Paramedic	185 189	Sat	Police/Fire/911 Code 3	Unit 108 PD Assest	09:30 09:30 09:32 09:34 E – 4
075 1 01/18/2014 Paramedic		Sat	Police/Fire/911 Code 3	Creek County EMS Transported by Creek Coun	10:00 10:00 10:05 10:28 E – 28 @
076 1 01/18/2014 Paramedic	185 189	Sat	Police/Fire/911 Code 3	Unit 108 Code 1	12:22 12:22 12:23 12:26 E – 4

* = Long response time

@ = Second ambulance responding

Log Report**Glenpool - January 2014**

Call Number Leg	Call Date	Attendants	Day	Caller	Unit Description	Rcvd Paged Enroute On Scene	To Dest At Dest Availabl
Level Of Care				Dispatch Urgency	Transport Urgency		
077 1 01/18/2014 Paramedic		185 148	Sat	Police/Fire/911 Code 3	Unit 108 Code 1	14:23 14:23 14:24 14:35	14:44 15:05 15:20 E – 10 *
078 1 01/18/2014 Paramedic		185 148	Sat	Police/Fire/911 Code 3	Unit 108 Code 1	18:38 18:38 18:39 18:43	18:56 19:14 19:45 E – 5
079 1 01/19/2014 Paramedic		185 148	Sun	Police/Fire/911 Code 3	Unit 108 Code 1	15:52 15:52 15:54 16:01	16:11 16:36 16:45 E – 9 &
080 1 01/19/2014 Paramedic		185 148	Sun	Self Code 3	Unit 108 Code 1	20:09 20:09 20:09 20:09	20:15 20:30 21:23 E – 0
081 1 01/19/2014 Paramedic		185 148	Sun	Police/Fire/911 Code 3	Unit 108 Code 1	22:49 22:49 22:51 22:55	23:13 23:19 23:45 E – 6
082 1 01/20/2014 Paramedic		29 132	Mon	Police/Fire/911 Code 3	Unit 107 Code 1	12:52 12:52 12:53 12:58	13:21 13:38 14:43 E – 6
083 1 01/20/2014 Paramedic		185 183	Mon	Police/Fire/911 Code 3	Unit 108 Code 1	23:45 23:45 23:47 23:50	00:15 00:36 00:52 E – 5
084 1 01/21/2014 Paramedic		29 132	Tue	Police/Fire/911 Code 3	Unit 107 Patient Not Transported	14:56 14:56 14:57 14:59	15:07 15:07 E – 3
084 1 01/21/2014 Paramedic		29 132	Tue	Police/Fire/911 Code 3	Unit 107 Patient Not Transported	14:56 14:56 14:57 14:59	15:07 15:07 E – 3
085 1 01/22/2014 Paramedic		29 132	Wed	Police/Fire/911 Code 3	Unit 107 Code 1	05:40 05:40 05:42 05:46	06:01 06:21 07:15 E – 6

* = Long response time

& = South of 181 St

Log Report**Glenpool - January 2014**

Call Number Leg	Day	Caller	Unit Description	Rcvd Paged	To Dest At Dest
Call Date	Attendants	Dispatch Urgency	Transport Urgency	Enroute On Scene	Availabl
Level Of Care					
086 1 01/22/2014 Paramedic	10 171	Wed Police/Fire/911 Code 3	Unit 108 Code 1	20:06 20:06 20:07 20:11 E – 5	20:42 21:04 21:27
087 1 01/22/2014 Intermediate	161 189	Wed Police/Fire/911 Code 3	Unit 107 Code 1	21:36 21:36 21:37 21:40 E – 4 @	22:02 22:25 22:53
088 1 01/23/2014 Paramedic	175 189	Thu Police/Fire/911 Code 3	Unit 107 Patient Not Transported	08:41 08:41 08:42 08:46 E – 5	09:17 09:17
089 1 01/24/2014 Paramedic	175 189	Fri Police/Fire/911 Code 3	Unit 107 Code 1	00:22 00:22 00:24 00:29 E – 7	00:48 01:08 01:36
090 1 01/24/2014 Paramedic	184 181	Fri Police/Fire/911 Code 3	Unit 108 Code 1	15:45 15:45 15:48 15:50 E – 5	16:03 16:19 16:52
091 1 01/24/2014 Paramedic	175 161	Fri Police/Fire/911 Code 3	Unit 107 Code 1	16:06 16:06 16:08 16:12 E – 6 @	16:36 16:56 17:51
092 1 01/24/2014 Paramedic	185 132	Fri Police/Fire/911 Code 3	Unit 102 Code 1	18:06 18:06 18:06 18:08 E – 2	18:23 18:42 18:54
093 1 01/24/2014 Paramedic	184 181	Fri Police/Fire/911 Code 3	Unit 108 Code 1	20:10 20:10 20:12 20:18 E – 8	20:35 21:01 21:21
094 1 01/24/2014 Paramedic	175 161	Fri EMSA Code 3	Unit 107 Cancelled Enroute	21:32 21:33 21:35 E – 0 @	21:36
095 1 01/24/2014 Paramedic	175 161	Fri EMSA Code 3	Unit 107 Patient Not Transported	21:43 21:43 21:43 21:58 E – 15 #	22:13 22:13

@ = Second ambulance responding

= Outside the Glenpool response area

Log Report**Glenpool - January 2014**

Call Number Leg	Call Date	Attendants	Day	Caller	Unit Description	Rcvd Paged Enroute On Scene	To Dest At Dest Availabl
Level Of Care				Dispatch Urgency	Transport Urgency		
096 1 01/25/2014 Paramedic		185 148	Sat	Police/Fire/911 Code 3	Unit 108 Patient Not Transported	10:21 10:21 10:22 10:27 E – 6	10:42 10:42
097 1 01/25/2014 Paramedic		185 148	Sat	Police/Fire/911 Code 3	Unit 108 Patient Not Transported	12:15 12:15 12:15 12:17 E – 2	12:29 12:29
098 1 01/25/2014 Paramedic		185 148	Sat	Family/Friend Code 3	Unit 108 Code 1	15:43 15:43 15:46 15:46 E – 3	15:56 16:13 16:19
099 1 01/26/2014 Paramedic		29 183	Sun	Police/Fire/911 Code 3	Unit 107 Code 1	09:36 09:36 09:37 09:39 E – 3	10:05 10:25 10:40
100 1 01/26/2014 Paramedic		185 148	Sun	Police/Fire/911 Code 3	Unit 108 Code 1	15:23 15:23 15:24 15:28 E – 5	15:40 16:01 16:42
101 1 01/26/2014 Paramedic		29 183	Sun	Police/Fire/911 Code 3	Unit 107 Code 1	15:44 15:44 15:45 15:48 E – 4 @	16:01 16:21 16:34
102 1 01/26/2014 Paramedic		185 148	Sun	Police/Fire/911 Code 3	Unit 108 Code 1	17:51 17:51 17:53 17:55 E – 4	18:09 18:29 18:37
103 1 01/27/2014 Paramedic		29 132	Mon	Police/Fire/911 Code 3	Unit 107 No Patient Found	07:08 07:08 07:10 07:14 E – 6	07:15 07:15
104 1 01/27/2014 Paramedic		29 132	Mon	Police/Fire/911 Code 3	Unit 107 Code 1	09:35 09:35 09:36 09:39 E – 4	09:54 10:14 10:25
105 1 01/27/2014 Paramedic		29 132	Mon	Self Code 3	Unit 107 Code 1	16:48 16:48 16:48 16:52 E – 4	17:08 17:27 17:36

@ = Second ambulance responding

Log Report**Glenpool - January 2014**

Call Number			Caller	Unit Description	Rcvd	To Dest
Leg		Day			Paged	At Dest
Call Date	Attendants		Dispatch Urgency	Transport Urgency	Enroute	Availabl
Level Of Care					On Scene	
106			Police/Fire/911	Unit 107	18:43	19:08
1		Mon			18:43	19:27
01/27/2014	29 132				18:44	19:47
Paramedic			Code 3	Code 1	18:48	E – 5

Total For All**Total Calls:**