

JAMES R. WILLIS, P.E.  
1820 S. THIRD  
BLACKWELL, OKLAHOMA 74631

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PROFESSIONAL ENGINEERING SERVICE

DATE March 10, 2005

INVOICE NO. 056

TO: City of Blackwell

P. O. Box 350

Blackwell, OK 74631

Attn: Sally Norris, City Manager

DATE	DESCRIPTION OF WORK	AMOUNT
February 1, February 28, 2005	See HIGHLIGHTS, February 2005 and Detail Sheets enclosed.	
	<b>MONTH TOTALS:</b>	
	City, Municipal Authority:	
	94.50 @ \$33.00..... <i>801-512-211</i>	\$3,118.50
	Phelps-Dodge Hours:	
	71.50 Hours @ \$33.00 ..... <i>131-500-336</i>	\$2,359.50
	Meal ticket.....	\$ 15.64
	TOTAL	\$5,493.64

Submitted by:

*Sara J Norris*  
*3-10-05*

*James R Willis*  
James R. Willis, P.E.

Date *3/10/05*

2005

WILLIS ENGINEERING  
CONSULTANTS  
P.O. Box 787 Blackwell, OK 74631  
(580) 363-0158

MONTH FEB WORK TIME LOG - JAMES R. WILLIS

PAGE 1 of

DAY	WTP-BACKWASH PROJECT	WTP-TTHMS (CHLORINE-CHLORAMINES)	LEGION PARK LIFT STATION	WWTP + WASTEWATER COLLECTION	CODE WORK	MAIL	WITH SJN	
1	1.75				0.25		0.25	2
2	5.00		3.50					8
3	3.25			0.25		0.50		4
4	0.75							C
5								5
6								
7							1.75	
8	1.50	0.75		3.25			0.75	
9		1.00			1.50	0.75	0.50	
10					3.00			10
11					0.75	0.25	0.50	
12								
13								
14	1.75				0.75			
15				0.75	0.25			15
16				1.00		0.50	0.25	
17					2.25		1.75	
18	0.50		0.25	0.25			0.50	
19								
20								20
21	0.25							
22	1.75				0.50			
23		0.50						
24	0.25				0.50		0.50	
25	6.00					0.50		25
26								
27								
28	3.00			0.50		0.50	1.00	28
29								
30								
31								
TOTALS	25.75	2.25	3.75	6.00	9.75	3.00	7.75	58.2





TUES.  
FEB. 1, '05

1000-1030 - REVIEW FINAL SETTLEMENT  
DRAFT FROM D. PAGE 0.50  
 1030-1100 - CALLBACK TO ROB  
 + WY LEON BROWN - WELL DRILLER  
MEADE - RE: WELL CLOSURE BID DOC 0.50  
 1100-1130 - REVIEW F. SETTLEMENT 0.50  
 1130-1215 - WY D. PAGE - DITTO 0.75  
 1215-1230 - WY SJN 0.25  
 1330-1345 - WY CLAY JOHNS - RE:  
 LEADING P.F. @ BRAMAN 0.25  
 1345-1400 - WY ERON DODACK -  
RE: SMOKE TEST ON LAWRENCE AVE 0.25  
 1400-1445 - REVIEW WTP BACK-  
 WASH WORK + WY CALL TO KURT  
 RONNEKAMP 0.75  
 1445-1530 - REVIEW F. SETTLEMENT 0.75  
 1530-1600 - DITTO WY SJN 0.50  
 1600-1700 - REVIEW WTP BACK-  
 WASH WORK 1.00

TOTAL 6.00

WED. mmm  
FEB 2, '05

1000-1015 RESEARCH H<sub>2</sub>O METERS -  
 WTP - OF PDC 0.25  
 1015-1045 - WY DAMON BARBACK -  
 RE: SURVEY - RE: LEG PARK L.S. 0.50  
 1045-1130 - CALCS + FAX TO M3 0.75  
 1130-1200 - REVIEW INFO FROM  
 PAGE - RE: F. SETTLEMENT 0.50  
 1300-1800 - REVIEW BACKWASH  
 OF WTP PROJECT 5.0  
 1800-1900 - TOTAL TIME DEVOTED  
 TO LEGION PK L.S. SURVEY 1.00  
 2115-2315 - SEARCH + PLOT  
 LEGION PARK L.S. PROPERTIES 2.0  
 2315-2415 - REVIEW 2<sup>nd</sup> DRAFT OF  
 FINAL SETTLEMENT 1.00

THURS 2/3/05

1045-1115 - MAIL 0.50  
 1115-1200 - REVIEW 2<sup>nd</sup> DRAFT 0.75  
 1300-1430 - AT WTP WY FRED B.  
 & J. RUNDLE + CHECK DWGS -  
 RE: BACKWASH PROJ. 1.50  
 1430-1530 - AT MALL SITE -  
 PHOTOS + INSPECTION 1.00  
 1530-1545 - WY JON HIRIG (RE: 10AC @ WWTP) 0.25  
 1545-1730 - FAX MEMO TO K. RONNEKAMP  
 RE: WTP BACKWASH 1.75

22.75 TOTAL.....



FRI. 2/4/05

1000-1045 - CALL CONTRACTORS - RE: BACKWASH @ WTP PROJECT + CALL TO K. RONNEKAMP (LEFT MESSAGE) 0.75

1045-1100 - GET POOL FILTER SNS TO UNITED 0.25

1100-1130 - REVIEW DRAFT #2 FROM D. PAGE 0.50

1330-1630 - DITTO 3.00

TOTAL 4.50

MON. 2/7/05

0830-0900 - CALLS - REMINDER OF SMOKE TEST 0.50

0900-0930 - W/ D. BARRICK, RE: M3'S REQUESTS RE: TOPO AROUND REMEDIATION PLANT SITE 2.50

0930-1130 - PLOT WELLS & PIEZOMETER LOCATIONS ON CITY MAPS (FOR ERON) 2.00

1130-1500 } W/ ERON DODACK  
1530-1645 } @ SITE + SMOKE TEST 4.75

1645-1830 - W/ SJN 1.75

2030-2300 - UPDATE & RESEARCH FILES ON SANTA FE SEWER ~ ALL SEWERS W/ CONTAMINATION 2.50

TOTAL 11.75

How many <sup>39.0</sup> sewers are contaminated?

TUES. 2/8/05

0830-0900 MEMOS AFTER CALL TO DONALD WALKER - RE: TICKET PARKING LOT 0.50

0900-1000 CALLS TO FOREWER & CIMARRON CONSTRUCT'N; RE: BACKWASH 0.50

1000-1015 - CALL TO RUNDLE - RE: VENTURI-TO-BFV @ BACKWASH 0.25

1015-1030 - CALL TO FRED B. - RE: CAVE-INS + CL INJECTION + BYPASS FOUND YESTERDAY 0.25

1030-1115 - MEMO TO K. RONNEKAMP RE: TTHMS 0.75

1115-1130 - W/ LAILE WILSON - RE: 44<sup>TH</sup> ST. SCHEDULE OF WORK 0.25

1130-1245 - W/ ERON DODACK @ WELLS' SITES 1.25

1400-1530 - OBSERVE VIDEOS OF SEWERS { 400 E. BRIDGE  
1400 SOUTHWEST BLVD 1.50

1530-1545 - MEMO TO SJN, RE: 44<sup>TH</sup> ST. VIA LAILE WILSON 0.25

1545-1715 - MEMOS TO SJN RE: SEWER CAVE-INS \* 1.50

1715-1800 W/ SJN - RE: BIA & CITY W/ PDC QUESTION 775 AD FOR BID - BACKWASH 0.75

1945-2030 - REVIEW - SEARCH CITY PROPERTY BOOK FOR W. SANTA FE PROPERTIES 0.75

2030-2115 - FOR ERON DODACK 0.15

2115-2330 - REVIEW DRAFT #2 1.75

TOTAL 11.00

Contaminated 50.0

Checked to Phillips

WED. 2/9/05	
0815-1000 Prep for meeting w/ Commission & BIA	(1.75)
1000-1245 - MTG	(2.75)
1500-1545 - Notes of MTG	(0.75)
1545-1630 - MAIL	0.75
1630-1700 - Code Check-out - Submittal from Merrill (Equity)	0.50
1700-1730 - w/ SJN	0.50
2100-2130 - Req'n + Approve Invoice - Wells Plog - S.W. Cupid	0.50
2130-2230 - Code Work - Equity (Merrill)	1.00
2230-2330 - Research - Chlorine & Chloramines	1.00
TOTAL	9.5

THURS. 2/10/05	
1000-1030 Phone w/ Misha Smith w/ Equity ~ RE: Situation w/ 2 Contractors	0.50
1030-1200 Memo to SJN - Situation @ Equity (Code Work)	1.50
1230-1330 - w/ Robert Meade RE: Questions ~ RE: Wells Closure + Prepare Addendum	(1.00)
1330-1430 - w/ Greg Sixk + Clay Johns + J. Inmon: Sign Inspections + Fill in on Equity	1.00

2/10/05 (cont'd)	
1430-1500 - Addendum #1 out to Well Contractors	
TOTAL	4.50

2/11/05 FRIDAY	
10-1015 - Accurate Entries	0.75
1015-1100 Response to ODEQ, RE: CD Excursion @ WWTP	(0.75)
1100-1130 w/ Inmon - RE: Smoke Detectors Covered by Code	0.50
1300-1315 - w/ Jodie (Motel Construction Supt) RE: PLBRS	0.75
1315-1330 - MAIL	
1330-1400 Review RETEC Report BNSF Contamination	(0.50)
1400-1445 - w/ Todd Marton - Location of Wells	(0.75)
1445-1530 - w/ Ron Derrick & M3 - Ditto + Plant Site Questions	(0.75)
1530-1615 - Research - SCADA	0.75
1615-1700 - Review RETEC Report	(0.75)
1700-1730 - w/ SJN	0.50
1730-1815 - 21st St. Asphaltic Overlay ~ P10 Docs	0.75
TOTAL	6.50

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MON. 2/14/04

WED. 2/18/04

1000-1030 - TECH DATA TO STN & INNON 0.50  
 1030-1100 - BID NOTICES OUT - WTP  
 BACKWASH 0.50  
 1130-1200 - DITTO 0.50  
 1300-1315 - w/ BART @ BANK FIRST, RE: HOTEL EASEMENTS 0.25  
 1315-1430 - BLANK OFF MEMORIAL POOL DRAINS 1.25  
 1430-1500 GAS INSPECTION - 6<sup>th</sup>/FERGUSON 0.50  
 1500-1545 - CALL S.W.C. NEWS & DODGE REPORTS + SEND THEM PLANS & SPECS (WTP BACKWASH) 0.75  
 1545-1700 - 21<sup>ST</sup> ST. SPECS 1.25  
 1700-1715 - UNPACK DWGS (WORK WEST) 0.25  
 APPROVED BY PEC (TO IBS)  
 1915-2130 - BID DOCS - 21<sup>ST</sup> ST. ASPHALT IMPROVEMENTS 2.25

0900-0915 - Gas inspection @ 723 W. Ferguson + info to Sharon - code enforcement 0.25  
 0915-0930 - CALL TO DAMON - RE: SANTA FE SEWER contaminated changed to Phellag & page 0.25  
 1300-1330 - w/ DAMON @ HIS OFC - RE: SANTA FE SEWER 0.50  
 1330-1400 w/ MIKE CHAPMAN - RE: TRAVEL CTR @ 44<sup>TH</sup> / HWY 11 0.50  
 1545-1600 - w/ J. RUNDLE - RE: BYPASS @ WTP 0.25  
 1600-1730 - CALL TO JOE FLYNN + OUTLINE WORK TO HAPPEN FROM PDC 1.50  
 1915-2145 - MEMO TO INNON - RE: WELLS, 21K H<sub>2</sub>O TANKS 2.50  
 2145-2230 - PROOF BID DOCS FOR ASPHALT - 21<sup>ST</sup> ST. 0.75

78.0  
 TOTAL 4.50  
 Paying him to unpack 3.00

34.5 TOTAL 6.50





(WED. 2/16/05)

(THURS 2/17/05)

0900-0930 - CALL TO STREETER'S +  
MEMO TO TONIE - RE: POOL REPAIR 0.50

0930-1000 - MAIL 0.10

1000-1100 - W/ FRED B. & J. RUNDLE

@ WTP - CHK OUT BYPASS 1.00

1100-1200 - LETTER TO KEVIN ROOD  
W/ PEC - RE: COMBINED CONS. ORD. 1.00

1300-1330 - SENT BY FAX - SEWER  
USE ORDINANCE - TO INTEGRAL (0.50)

1330-1400 PROOF BID DOCS - 2<sup>nd</sup> ST. 0.50

1400-1430 - OPEN BIDS - WELL  
CLOSURES (0.50)

1430-1500 INITIAL REVIEW OF  
BIDS ~ WELL CLOSURES (0.50)

1500-1600 AT SOUTH MALL BLDG  
W/ J. RODGERS, RANDY KYLAR, DAVE  
BAUR - RE: BLDG REPAIR 1.00

1600-1645 REVIEW COMBINED  
CONSENT ORDER 0.75

1645-1800 - PREP FOR AARP MTG 1.25

2100-2130 - W/ SJN - K'S LANDFILL 0.50

2130-2145 - W/ SJN - OTHER

UP-DATES 0.25

9.75 TOTAL 8.75

Contaminator

1000-1045 - AT 2<sup>nd</sup> STREET -  
MEASUREMENTS 0.75

1045-1115 - RECONCILE NOTES 0.50

1115-1200 - PREP FOR PRESENTATION  
TO AARP why are we paying  
for this 0.75

1300-1330 - PR @ AARP 0.50

1330-1530 - FRAMING INSPECTION  
@ BEST WESTERN 2.00

1530-1545 - W/ INMON @ 808  
N. MAIN 0.25

1545-1645 - W/ SJN & DEB PAIGE  
RE: B.T. AIRPORT 1.00

1645-1715 - W/ JOE FLYNN - RE:  
TESTING OF WELLS (0.50)

1715-1730 - REVIEW FAX FROM  
TODD MARTIN (0.25)

2115-2200 W/ SJN 0.75

2200-2300 - LETTER TO KDHE  
(RE: K'S L.F.) 1.00

2300-2400 - REVIEW TODD  
MARTIN FAX (1.00)

117.5 TOTAL 9.25

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1/28 FSB

1015-1100 WY ERON DODACK @ WELL SITE	(0.75)
1100-1115 - CALL TO R. RATLIFF THEN KURT RONNEKAMP - RE: WTP BACKWASH	0.25
1115-1130 - MOUNT PHOTOS OF MALL	0.25
1130-1200 - WY STJN: THMS, POWER POLES, PRESS TO WELL SITE	0.50
1200-1230 - WY DOYLE STEFFEN - RE: APPRAISE LAND WEST OF WWTP	0.50
1330-1400 - CHK CAPACITY OF BACKWASH (PUMP REQ'D)	0.50
1400-1600 CONF CALL: HANULA & HUGHES, TEAF & COVERT, JOE FLYNN & MS LABIANC, DAVID PAGE, STJN & JRW - RE: RETEC REPORT	(2.0)
1600-1615 - PHO. WY JOE FLYNN	(0.25)
1615-1630 - FAX TO HAYNES EXPT RE: CAPACITY OF PUMPS 1 <sup>ST</sup> USED @ DISCH. OF U.S. VAULT	0.25
1630-1800 - CALCS - SIZE OF PUMP NEEDED WY 15 MIN. BACKWASH	1.50
2030-2100 WY STJN:	0.50
2100-2130 - MEMO TO TABIE, RE: POOL SWEEP	0.50
2130-2200 - CALCS - PUMP (SEE ABOVE)	0.50
2200-2230 - MAIL	0.50
2230-2300 - <u>WORK SCHEDULES</u>	0.50
165.75 TOTAL	9.25

→ contamination

charged to have a photo w/ Joe Flynn

Are we sending our contaminated sludge to the Kansas Landfill?

FRIDAY 18 FEB		TUES. 2/22	
0945-1000 - w/ TODD MARTIN - RE: TEST OF WELLS	0.25	1000-1100 REVIEW INFO FROM TODD MARTIN, RE: TEST OF WELLS w/	
1000-1015 - w/ DAMON - RE: SURVEY FOR #1 LIFT STA.	0.25	CALL TO HOUSTON KEMPTON	1.0
1600-1630 - RETURN CALLS TO PROSPECTIVE BIDDERS - WTP JOBS	0.50	1100-1115 - CALL RONNEKAMP, RE: WTP	0.2
1630-1700 - w/ SJN) UPDATES; WELDER, ETAL	0.50	1115-1130 - CALL TONY VOWEL - RE: SENEZ CROSSING 21 <sup>ST</sup> ST	0.2
1700-1715 - EDIT LETTER TO KDHE - RE: LANDFILL	0.25	1130-1200 - REVISE SPECS - 21 <sup>ST</sup> ST	0.5
1715-1730 - RECORD SLUDGE INFO FROM VEOLIA (WWTP)	0.25	1300-1400 - DITTO	1.0
1730-1830 - MEMO TO ALL - RE: PDC INVOLVEMENT	1.00	1400-1430 - w/ SJN - RE: INFO FROM HOUSTON KEMPTON	0.5
<u>105.5</u> TOTAL	3.00	1430-1500 - AT SOFTBALL SITE - RE: WATER LINE <small>line small too deep</small>	0.5
		1500-1515 - w/ INHON - RE: MOTEL + PDC + TANNEHILL SWP	0.2
		1515-1545 - w/ KURT RONNEKAMP, RE: WTP BACKWASH	0.5
		1545-1645 - REVIEW INFO FROM T. MARTIN (PLANS FOR WELLS + R.R. ACCESS)	1.0
		1645-1715 - PROOF SPECS RE: 21 <sup>ST</sup> ST. ASPHALT + FILE SETUP SAME	0.5
		1715-1800 - PUT TOGETHER INFO FOR M-3	1.0
		2100 → 2200 - RESEARCH BWASH OF WTP	1.0
		2200-2400-0100 - REVIEW RETEC REPORT	3.0
<u>115.5</u> TOTAL	10.00		11.00

Contamination