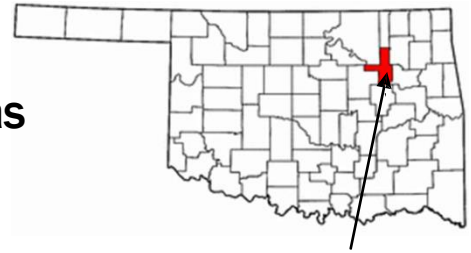


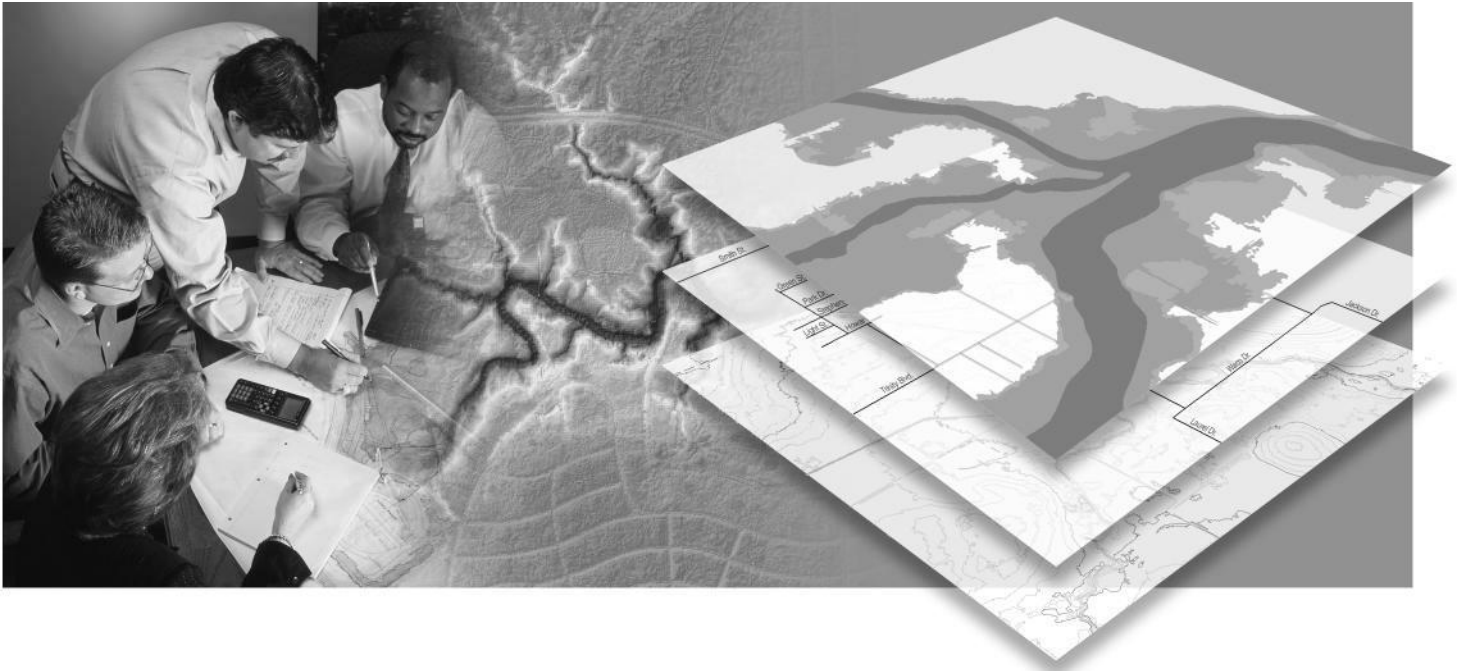
Flood Insurance Study

Tulsa County, Oklahoma and Incorporated Areas

VOLUME 3 of 8



Tulsa
County



COMMUNITY NAME	COMMUNITY NO.
Bixby, City of	400207
Broken Arrow, City of	400236
Collinsville, City of	400360
Glenpool, City of	400208
Jenks, City of	400209
Lotsee, Village of ¹	400546
Owasso, City of	400210
Sand Springs, City of	400211
Sapulpa, City of	400053
Skiatook, Town of	400212
Sperry, Town of	400213
Tulsa, City of	405381
Tulsa County (Unincorporated Areas)	400462

¹ No Special Flood Hazard Areas Identified

Revised: September 12, 2024
FLOOD INSURANCE STUDY NUMBER
40143CV003F



FEMA

NOTICE TO FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this Flood Insurance Study may be revised and republished at any time. In addition, part of this Flood Insurance Study may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the Flood Insurance Study. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current Flood Insurance Study components.

Users should refer to Section 10.0, Revision Description, for further information. Section 10.0 is intended to present the most up-to-date information for specific portions of this FIS report. Therefore, users of the FIS report should be aware that the information presented in Section 10.0 supersedes information in Section 1.0 through 9.0 of this FIS report.

Initial Countywide FIS Effective Date: September 22, 1999.

First Revised Countywide FIS Revision Date: Map revised September 7, 2001 to change base flood elevations, to change special flood hazard areas, to reflect updated topographic information, and to change floodway.

Second Revised Countywide FIS Revision Date: Map revised April 16, 2003 to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to revise vertical datum, to update roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information.

Third Revised Countywide FIS Revision Date: Map revised August 3, 2009 to update corporate limits, to change Base Flood Elevations and Special Flood Hazard Areas, to revise vertical datum, to update roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information.

Fourth Revised Countywide FIS Revision Date: Map revised October 16, 2012 to change Special Flood Hazard Areas, to reflect updated topographic information, and to incorporate previously issued Letter of Map Revision.

Fifth Revised Countywide FIS Revision Date: Map revised September 30, 2016 to change Base Flood Elevations and Special Flood Hazard Areas, and to incorporate previously issued Letters of Map Revision.

Sixth Revised Countywide FIS Revision Date: Map revised May 2, 2019 to change Special Flood Hazard Areas to reflect new detailed modeling of Joe Creek and its tributaries and to incorporate previously issued Letters of Map Revision.

Seventh Revised Countywide FIS Revision Date: Map revised September 12, 2024 to change Special Flood Hazard Areas to reflect new detailed modeling of Brookhollow Creek and its tributaries, Haikey Creek, and Little Haikey Creek, and to incorporate a channelization project related to a newly accredited levee along Haikey Creek.

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Exhibit 2 – Flood Insurance Rate Map Index (Published Separately)
Flood Insurance Rate Maps (Published Separately)

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Floral Haven Creek								
A	468	72	424	3.1	674.9	674.9	675.9	1.0
B	1,726	62	375	3.5	676.9	676.9	677.5	0.6
C	2,500	40	241	5.2	679.7	679.7	680.5	0.8
D	3,500	94	396	3.2	684.6	684.6	685.0	0.4
E	5,000	60	222	5.7	688.8	688.8	689.5	0.7
F	6,257	114	404	3.1	694.1	694.1	694.7	0.6
G	7,234	70	202	6.3	698.1	698.1	698.2	0.1
H	8,754	91	298	4.2	705.1	705.1	705.8	0.7
I	9,397	110	708	1.0	712.9	712.9	713.8	0.9
J	10,455	51	238	2.8	717.0	717.0	717.9	0.9
K	10,922	55	158	4.3	719.2	719.2	719.7	0.5
L	11,767	24	108	6.3	726.6	726.6	727.4	0.8

¹Feet above confluence with Haikey Creek.

TABLE

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

FLORAL HAVEN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Ford Creek								
A	2,705	88	568	6.3	661.5	660.9 ²	661.9 ²	1.0
B	6,670	134	483	6.9	670.0	670.0	670.0	0.0
C	8,500	78	367	7.2	679.7	679.7	679.7	0.0
D	9,400	75	272	9.0	684.1	684.1	684.1	0.0
E	11,087	85	442	5.5	691.7	691.7	691.7	0.0
F	11,700	83	394	5.7	695.2	695.2	695.2	0.0
G	11,830	68	218	10.3	700.2	700.2	700.2	0.0
H	12,800	199	870	2.6	706.1	706.1	706.4	0.3
I	14,250	186	869	2.5	712.0	712.0	712.2	0.2
J	14,670	106	253	8.7	717.4	717.4	717.4	0.0
K	14,800	170	1,227	1.8	718.3	718.3	718.7	0.4

¹Feet above confluence with Mingo Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

FORD CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Franklin Creek								
A	1,350	88	579	7.6	641.4	641.4	642.4	1.0
B	4,260	112	383	9.5	659.3	659.3	659.4	0.1
C	4,775	100	462	7.1	661.5	661.5	662.1	0.6
D	6,450	110	834	3.9	673.5	673.5	673.7	0.2
E	6,950	80	576	5.1	675.6	675.6	676.0	0.4
F	7,710	77	449	6.5	678.7	678.7	679.2	0.5
G	7,980	56	378	6.6	681.1	681.1	681.9	0.8
H	8,450	96	592	4.2	684.0	684.0	684.9	0.9
I	8,870	55	383	6.5	686.1	686.1	687.0	0.9
J	9,270	86	509	4.9	690.1	690.1	690.9	0.8
K	9,810	110	520	4.0	694.2	694.2	694.7	0.5
L	10,335	85	440	4.7	698.9	698.9	699.3	0.4
M	10,620	89	521	3.9	700.8	700.8	701.4	0.6
N	11,145	94	469	4.4	705.2	705.2	705.3	0.1
O	11,630	53	339	6.1	709.3	709.3	710.1	0.8
P	12,160	63	391	5.3	714.8	714.8	715.3	0.5
Q	12,655	128	569	3.6	717.5	717.5	718.0	0.5
R	13,000	70	437	4.7	719.2	719.2	719.4	0.2
S	13,390	60	300	6.9	722.2	722.2	722.6	0.4
T	13,835	74	518	4.0	726.0	726.0	726.3	0.3

¹Feet above confluence with Arkansas River.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

FRANKLIN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Franklin Creek (cont)								
U	14,740	59	345	6.0	731.1	731.1	732.0	0.9
V	15,360	127	623	3.3	735.3	735.3	735.8	0.5
W	15,990	94	376	5.5	738.6	738.6	739.2	0.6
X	16,710	93	504	4.1	743.5	743.5	744.4	0.9
Y	17,265	64	369	3.4	746.4	746.4	746.6	0.2
Z	17,820	92	226	5.5	749.5	749.5	749.8	0.3

¹Feet above confluence with Arkansas River.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

FRANKLIN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Fred Creek								
A	1,000	135	672	9.4	618.4	612.9 ²	612.9	0.0
B	1,848	110	472	13.3	618.4	615.1 ²	615.1	0.0
C	2,175	119	871	7.1	619.3	619.3	619.3	0.0
D	2,900	100	759	8.1	621.8	621.8	621.8	0.0
E	3,900	120	708	7.3	624.4	624.4	624.4	0.0
F	4,775	65	405	10.8	627.5	627.1	627.1	0.0
G	6,000	486	1,483	3.6	634.4	634.4	634.4	0.0
H	7,100	70	398	13.3	637.9	637.9	637.9	0.0
I	8,325	69	410	10.6	644.9	644.9	644.9	0.0
J	9,600	85	599	6.8	653.9	653.9	654.3	0.4
K	11,400	120	559	6.7	663.6	663.6	663.6	0.0
L	12,900	120	566	6.2	674.8	674.8	674.8	0.0
M	13,200	48	470	6.8	679.9	679.9	680.6	0.7
N	14,000	84	388	8.2	685.7	685.7	685.7	0.0
O	14,600	64	241	8.8	689.9	689.9	689.9	0.0
P	15,650	71	183	6.5	701.1	701.1	701.9	0.8

¹Feet above confluence with Arkansas River.

²Elevation computed without consideration of backwater from the Arkansas River.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK
AND INCORPORATED AREAS

FLOODWAY DATA

FRED CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Fry Ditch No. 1								
A	6,000	244	1,686	1.9	604.7	600.7 ²	600.7	0.0
B	7,500	238	1,496	2.1	604.7	601.0 ²	601.0	0.0
C	9,500	231	1,292	2.1	604.7	601.5 ²	601.5	0.0
D	11,000	227	1,159	2.3	604.7	601.9 ²	601.9	0.0
E	12,500	224	1,053	2.4	604.7	602.5 ²	602.5	0.0
F	13,200	154	577	4.2	604.7	602.9 ²	602.9	0.0
G	14,500	107	284	5.7	608.2	608.2	608.2	0.0
H	15,500	107	281	5.7	613.2	613.2	613.2	0.0
I	16,556	89	151	7.0	621.0	621.0	621.1	0.1
J	17,193	40	154	6.8	624.2	624.2	624.6	0.4
K	18,190	57	223	4.7	630.1	630.1	630.1	0.0
L	19,055	69	259	4.0	634.7	634.7	635.4	0.7
M	19,798	52	158	6.5	638.2	638.2	638.6	0.4
N	20,397	90	317	3.2	641.2	641.2	641.7	0.5
O-R ³								

¹Feet above confluence with Arkansas River.

²Water-surface elevations computed without consideration of backwater effects.

³No floodway data.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK
AND INCORPORATED AREAS

FLOODWAY DATA

FRY DITCH NO. 1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET NAVD 88)
Fry Ditch No. 1 Tributary								
A	195	54	251	4.5	605.3	605.3	605.3	0.0
B	830	50	202	5.3	606.3	606.3	606.3	0.0
C	1,555	114	360	2.7	607.4	607.4	607.4	0.0
D	1,966	77	289	3.4	607.6	607.6	607.6	0.0
E	2,153	121	299	3.3	607.7	607.7	607.7	0.0
F	2,518	82	241	4.1	607.9	607.9	608.0	0.1
G	2,658	92	202	4.1	607.9	607.9	608.2	0.3
H	2,800	101	268	3.2	609.1	609.1	609.1	0.0
I	3,214	90	213	3.8	609.4	609.4	609.5	0.1
J	3,825	25	109	7.5	610.2	610.2	610.4	0.2
K	4,087	20	46	17.9	611.1	611.1	611.1	0.0
L	4,468	20	70	10.7	615.9	615.9	615.9	0.0

¹ Feet above confluence with Fry Ditch No. 1

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	FRY DITCH NO. 1 TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Fry Ditch No. 2								
A	2,000	285	2,068	4.6	604.7	598.2 ²	598.2	0.0
B	3,500	286	2,116	4.5	604.7	599.4 ²	599.4	0.0
C	4,000	287	2,127	4.4	604.7	599.8 ²	599.8	0.0
D	6,000	181	1,216	6.4	604.7	602.7 ²	602.7	0.0
E	8,000	126	902	7.6	607.5	607.5	607.5	0.0
F	10,000	101	587	10.0	614.3	614.3	614.3	0.0
G	10,500	87	451	13.0	618.6	618.6	618.6	0.0
H	11,294	150	681	8.0	624.5	624.5	624.5	0.0
I	11,610	61	382	14.3	627.5	627.5	627.5	0.0
J	11,878	73	534	10.2	631.0	631.0	631.0	0.0
K	12,156	126	991	5.5	632.9	632.9	632.9	0.0
L	12,530	121	1,057	5.1	633.3	633.3	633.3	0.0
M	13,566	158	1,311	0.1	636.4	636.4	636.4	0.0
N	14,084	79	530	9.7	635.9	635.9	635.9	0.0
O	14,267	273	2,530	2.0	648.1	648.1	649.1	1.0
P	15,016	359	3,238	1.5	648.2	648.2	649.2	1.0
Q	16,230	249	1,754	2.8	648.8	648.8	649.8	1.0
R	17,093	214	1,149	4.2	649.8	649.8	650.7	0.9
S	18,235	325	1,411	3.4	652.4	652.4	653.3	0.9
T	20,348	200	772	5.9	656.9	656.9	657.7	0.8

¹Feet above confluence with Arkansas River.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

FRY DITCH NO. 2

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Fry Ditch No. 2 (cont)								
U	21,610	80	733	5.5	661.3	661.3	662.1	0.8
V	22,120	150	950	4.9	663.7	663.7	664.4	0.7
W	22,260	200	1,370	3.4	664.4	664.4	665.2	0.8
X	23,130	270	1,360	3.1	665.9	665.9	666.6	0.7
Y	23,800	280	1,570	2.7	667.2	667.2	667.9	0.7
Z	24,700	200	740	4.6	670.0	670.0	670.5	0.5
AA	25,730	150	820	4.1	675.0	675.0	675.2	0.2
AB	26,467	140	687	4.9	677.2	677.2	677.8	0.6
AC	27,077	130	458	6.0	678.8	678.8	679.5	0.7
AD	27,597	155	819	3.3	683.3	683.3	683.6	0.3
AE	28,327	125	676	4.1	684.8	684.8	685.2	0.4
AF	28,854	112	805	3.4	687.1	687.1	688.0	0.9
AG	29,120	71	499	5.5	687.5	687.5	687.5	0.0
AH	29,610	58	380	7.2	695.9	695.9	695.9	0.0
AI	30,323	260	1,593	1.3	698.7	698.7	698.7	0.0
AJ	31,087	220	588	3.5	699.1	699.1	699.1	0.0
AK	32,133	100	471	4.4	703.4	703.4	703.5	0.1
AL	32,773	100	477	4.4	705.9	705.9	706.0	0.1
AM	33,493	100	590	2.8	707.7	707.7	707.9	0.2

¹Feet above confluence with Arkansas River.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

FRY DITCH NO. 2

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Fry Ditch No. 2 (cont)								
AN	33,643	100	922	1.8	711.8	711.8	711.8	0.0
AO	34,403	100	302	5.4	712.8	712.8	713.3	0.5
AP	35,193	90	424	3.9	717.9	717.9	718.3	0.4
AQ	35,963	80	426	3.0	720.5	720.5	720.9	0.4
AR	36,753	90	335	3.8	723.6	723.6	723.6	0.0
AS	37,373	80	361	3.5	726.5	726.5	726.5	0.0

¹Feet above confluence with Arkansas River.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

FRY DITCH NO. 2

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Fry Ditch No. 2 Tributary								
A	200	54	438	0.9	623.6	623.6	623.6	0.0
B	400	48	73	5.2	624.6	624.6	624.6	0.0
C	800	43	68	5.5	629.2	629.2	629.2	0.0
D	1,040	43	65	5.8	631.8	631.8	631.8	0.0

¹Feet above confluence with Fry Ditch No. 2.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

FRY DITCH NO. 2 TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Fulton Creek								
A	286	99	636	4.0	651.0	651.0	651.3	0.3
B	609	121	794	3.1	651.1	651.1	651.5	0.4
C	1,733	59	234	10.5	652.4	652.4	653.1	0.7
D	2,270	29	196	12.3	655.7	655.7	655.9	0.2
E	4,303	85	434	5.1	664.0	664.0	664.5	0.5
F	4,643	191	353	6.2	664.7	644.7	664.9	0.2
G	5,437	69	304	7.2	667.1	667.1	667.5	0.4

¹Feet above confluence with Bell Creek.

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	FULTON CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Hager Creek								
A	3,600	151	443	3.2	624.2	620.0 ²	620.4	0.4
B	6,150	66	328	4.2	624.2	622.8 ²	623.6	0.8
C	7,920	533	1,760	0.8	628.5	628.5	629.0	0.5
D	9,250	640	1,390	1.0	628.9	628.9	629.4	0.5
E	12,240	481	1,954	1.8	629.5	629.5	630.5	1.0
F	14,382	674	1,956	1.8	637.9	637.9	638.4	0.5
G	17,671	79	180	7.4	659.0	659.0	659.0	0.0
H ³	20,004	N/A	N/A	N/A	683.1	683.1	N/A	N/A

¹ Feet above confluence with Polecat Creek.

² Water-surface elevations computed without consideration of backwater effects from Polecat Creek.

³ Floodway not computed at this cross section.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HAGER CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET NAVD 88)
Haikey Creek								
A	8,154	2,809	12,057	3.3	594.4	594.4	594.4	0.0
B	8,851	2,765	10,784	3.9	594.7	594.7	594.7	0.0
C	9,377	2,425	7,942	4.8	594.9	594.9	595.1	0.2
D	9,659	2,481	9,394	4.1	595.1	595.1	595.9	0.8
E	10,387	2,395	9,598	4.0	595.3	595.3	596.2	0.9
F	10,877	467	2,535	9.9	595.3	595.3	596.2	0.9
G	11,476	599	3,726	7.7	596.9	596.9	597.2	0.3
H	12,313	510	2,512	9.3	597.6	597.6	597.8	0.2
I	12,886	1,032	4,455	7.8	599.1	599.1	599.2	0.1
J	13,755	702	3,616	8.3	599.9	599.9	599.9	0.0
K	14,858	1,332	6,708	5.6	601.2	601.2	601.5	0.3
L	15,745	1,559	3,791	8.4	601.7	601.7	601.8	0.1
M	15,760	1,654	3,944	5.8	601.7	601.7	601.8	0.1
N	15,883	1,680	8,460	5.0	602.7	602.7	603.5	0.8
O	16,310	1,614	10,265	3.6	602.9	602.9	603.7	0.8
P	16,720	1,337	8,647	4.2	603.1	603.1	603.8	0.7
Q	17,006	1,199	5,847	5.9	603.2	603.2	603.8	0.6
R	17,503	934	5,823	4.8	603.3	603.3	604.1	0.8
S	18,397	1,212	6,611	5.2	603.7	603.7	604.4	0.7
T	19,017	1,307	5,102	7.1	604.0	604.0	604.6	0.6

¹ Feet above confluence with Arkansas River

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	HAIKEY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET NAVD 88)
Haikay Creek (Cont'd)								
U	19,890	1,142	4,622	6.1	604.7	604.7	605.4	0.7
V	19,955	1,183	2,189	10.5	604.7	604.7	605.4	0.7
W	20,017	743	5,377	6.1	606.0	606.0	606.8	0.8
X	20,743	804	4,538	5.7	606.9	606.9	607.5	0.6
Y	22,685	981	4,405	7.2	608.2	608.2	608.9	0.7
Z	23,133	937	4,103	6.1	608.9	608.9	609.5	0.6
AA	23,270	906	7,729	3.6	609.4	609.4	610.1	0.7
AB	23,407	865	3,726	9.1	609.4	609.4	610.1	0.7
AC	23,680	807	3,608	9.7	609.4	609.4	610.3	0.9
AD	23,953	770	3,670	6.4	609.9	609.9	610.6	0.7
AE	25,853	874	4,744	6.1	612.3	612.3	613.2	0.9
AF	27,398	826	3,980	8.5	614.0	614.0	614.7	0.7
AG	28,511	678	3,399	12.4	616.4	616.4	616.9	0.5
AH	28,881	882	3,730	13.2	618.0	618.0	618.1	0.1
AI	29,529	1,568	12,838	3.2	620.8	620.8	621.6	0.8
AJ	29,660	1,563	12,491	2.7	621.6	621.6	622.4	0.8
AK	31,971	1,154	5,976	5.0	622.2	622.2	623.0	0.8
AL	33,607	574	5,103	6.6	623.1	623.1	624.0	0.9
AM	34,708	814	4,574	6.8	624.3	624.3	625.2	0.9
AN	35,309	1,268	6,406	5.2	624.9	624.9	625.9	1.0

¹ Feet above confluence with Arkansas River

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	HAIKEY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET NAVD 88)
Haikey Creek (Cont'd)								
AO	36,327	739	4,296	6.4	625.8	625.8	626.6	0.8
AP	36,721	636	2,563	10.8	626.1	626.1	627.0	0.9
AQ	38,470	711	5,668	3.3	631.6	631.6	632.3	0.7
AR	39,966	1,156	9,859	2.1	633.1	633.1	633.7	0.6
AS	42,014	1,183	8,718	2.3	634.3	634.3	635.2	0.9
AT	44,514	1,250	6,418	3.2	636.3	636.3	637.1	0.8
AU	46,023	1,319	7,530	2.8	637.8	637.8	638.7	0.9
AV	48,023	1,200	5,645	3.7	639.6	639.6	640.3	0.7
AW	49,523	1,278	5,608	3.7	641.6	641.6	642.4	0.8
AX	51,523	1,028	5,996	3.4	645.4	645.4	646.4	1.0
AY	53,523	531	4,829	2.0	648.0	648.0	648.7	0.7
AZ	55,523	378	3,648	2.3	651.3	651.3	651.4	0.1
BA	58,023	642	3,162	3.0	653.8	653.8	654.4	0.6
BB	59,523	405	3,190	3.0	655.3	655.3	656.2	0.9
BC	61,031	375	3,423	2.3	656.6	656.6	657.3	0.7
BD	62,480	294	1,960	4.1	659.6	659.6	660.2	0.6
BE	63,644	287	2,705	2.9	661.8	661.8	662.2	0.4
BF	65,182	125	1,092	7.1	662.6	662.6	662.9	0.3
BG	66,471	88	731	5.0	664.8	664.8	665.1	0.3
BH	68,023	358	1,942	1.9	668.6	668.6	668.8	0.2

¹ Feet above confluence with Arkansas River

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	HAIKEY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET NAVD 88)
Haikay Creek (Cont'd)								
BI	69,523	86	625	5.8	670.1	670.1	670.4	0.3
BJ	71,023	94	590	3.6	674.7	674.7	674.9	0.2
BK	72,023	201	951	2.2	678.2	678.2	678.3	0.1
BL	73,023	192	854	2.4	678.7	678.7	678.9	0.2
BM	74,387	126	671	3.1	682.8	682.8	683.4	0.6
BN	75,652	119	786	1.9	688.0	688.0	688.1	0.1
BO	76,150	80	542	2.7	688.8	688.8	689.0	0.2
BP	76,651	35	238	6.1	689.6	689.6	689.9	0.3
BQ	77,532	160	618	2.3	692.3	692.3	693.0	0.7
BR	80,017	116	541	2.6	700.9	700.9	701.6	0.7
BS	80,990	134	525	2.6	705.4	705.4	705.7	0.3
BT	82,737	63	304	4.4	708.8	708.8	708.9	0.1
BU	83,648	119	463	2.9	715.2	715.2	715.6	0.4
BV	84,561	60	161	2.6	717.4	717.4	717.5	0.1
BW	84,973	28	104	4.0	719.2	719.2	719.5	0.3
BX	85,797	20	79	5.3	722.7	722.7	723.2	0.5
BY	86,657	22	105	4.0	727.6	727.6	727.8	0.2

¹ Feet above confluence with Arkansas River

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	HAIKEY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Harlow Creek								
A-J ²								
K	7,870	250	2,779	2.3	661.5	661.5	661.5	0.0
L	8,400	150	1,596	3.7	661.6	661.6	661.6	0.0

¹Distance in feet above confluence with Bigheart Creek.

²No floodway information available.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HARLOW CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Hominy Creek								
A	244	1,800	10,841	2.1	611.5	611.5	612.4	0.9
B	5,707	2,835	11,556	2.0	613.4	613.4	614.1	0.7
C	11,788	3,700	14,477	1.6	616.8	616.8	617.7	0.9
D	17,592	3,000	13,938	1.6	618.5	618.5	619.3	0.8
E	19,189	3,870	9,012	4.2	619.0	619.0	620.0	1.0
F	22,935	2,630	16,739	1.4	621.4	621.4	622.0	0.6

¹Feet above confluence with Bird Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HOMINY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Horsepen Creek								
A	4,160	997	12,049	2.1	601.4	601.4	602.4	1.0
B	5,075	830	11,117	2.3	601.8	601.8	602.8	1.0
C	6,900	1,361	19,164	1.3	603.4	603.4	604.3	0.9
D	7,940	1,690	26,311	1.0	603.5	603.5	604.4	0.9
E	10,420	636	10,212	1.9	603.7	603.7	604.6	0.9
F	12,510	1,707	14,999	1.3	605.3	605.3	606.2	0.9
G	13,340	2,390	28,367	0.7	605.4	605.4	606.3	0.9
H	16,140	1,991	22,274	0.9	605.8	605.8	606.5	0.7
I	17,620	1,433	15,264	1.2	605.8	605.8	606.5	0.7
J	18,385	1,207	11,849	1.6	605.9	605.9	606.6	0.7
K	20,650	1,584	13,356	1.4	606.1	606.1	607.0	0.9
L	22,220	1,222	9,628	2.0	606.3	606.3	607.2	0.9
M	23,240	1,306	9,415	2.0	606.5	606.5	607.4	0.9
N	24,440	1,101	6,946	2.7	606.9	606.9	607.8	0.9
O	25,450	650	4,677	4.0	607.7	607.7	608.6	0.9
P	26,570	800	6,242	3.0	609.0	609.0	609.9	0.9
Q	27,350	575	4,301	4.4	610.3	610.3	611.0	0.7
R	28,720	290	2,548	5.2	613.4	613.4	614.1	0.7
S	29,645	356	3,128	4.3	614.9	614.9	615.7	0.8
T	30,545	479	4,200	3.2	616.1	616.1	617.0	0.9

¹Feet above mouth.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HORSEPEN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Horsepen Creek (cont)								
U	31,550	478	4,454	3.0	617.1	617.1	618.1	1.0
V	32,605	401	3,215	4.1	618.0	618.0	618.9	0.9
W	33,535	386	2,385	5.6	619.2	619.2	620.1	0.9
X	34,350	380	3,314	4.0	621.7	621.7	622.3	0.6
Y	35,650	165	1,887	7.1	623.9	623.9	624.3	0.4
Z	36,630	162	2,463	4.0	625.8	625.8	626.6	0.8
AA	37,535	225	2,255	4.3	626.7	626.7	627.5	0.8
AB	38,715	350	2,909	3.3	627.9	627.9	628.7	0.8
AC	39,345	410	3,695	2.6	628.7	628.7	629.4	0.7
AD	41,080	493	3,066	3.2	630.0	630.0	630.6	0.6
AE	42,460	497	2,852	3.4	631.3	631.3	632.3	1.0
AF	44,275	481	3,496	2.8	633.4	633.4	634.2	0.8
AG	45,600	325	2,185	3.4	635.0	635.0	635.6	0.6
AH	46,550	400	2,831	2.7	636.4	636.4	637.2	0.8
AI	46,960	600	3,729	1.1	636.9	636.9	637.8	0.9
AJ	48,065	183	1,449	2.7	637.8	637.8	638.7	0.9
AK	48,590	140	865	4.5	638.0	638.0	638.9	0.9
AL	49,290	160	1,043	3.7	639.1	639.1	639.8	0.7
AM	50,060	151	1,030	3.8	639.9	639.9	640.5	0.6

¹Feet above mouth.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HORSEPEN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Horsepen Creek (cont)								
AN	51,430	160	726	5.4	641.5	641.5	642.3	0.8
AO	52,385	130	465	4.1	643.7	643.7	644.2	0.5
AP	53,330	158	626	3.1	645.7	645.7	646.6	0.9
AQ	54,115	185	660	1.6	646.7	646.7	647.6	0.9
AR	55,000	125	333	3.2	647.8	647.8	648.5	0.7
AS	55,370	125	430	2.5	648.6	648.6	649.2	0.6
AT	56,240	145	641	1.7	650.8	650.8	651.4	0.6
AU	56,810	140	306	1.9	650.9	650.9	651.5	0.6
AV	58,595	60	85	6.9	655.6	655.6	655.8	0.2
AW	59,880	70	205	2.2	660.7	660.7	661.2	0.5

¹Feet above mouth.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HORSEPEN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Horsepen Creek North Tributary 1								
A	90	82	486	7.5	615.1	615.1	616.1	1.0
B	705	87	606	6.0	621.6	621.6	621.7	0.1
C	1,130	155	872	4.2	622.9	622.9	623.8	0.9
D	1,885	330	1,975	1.9	624.3	624.3	625.1	0.8
E	3,155	195	1,479	2.5	627.4	627.4	628.3	0.9
F	4,155	170	920	4.0	628.8	628.8	629.6	0.8
G	4,705	200	898	4.1	630.1	630.1	630.8	0.7
H	5,630	130	558	6.6	633.9	633.9	634.0	0.1
I	6,425	270	949	2.6	636.7	636.7	637.5	0.8
J	7,525	340	1,133	2.2	638.2	638.2	639.1	0.9
K	8,870	210	612	2.7	639.9	639.9	640.5	0.6
L	9,905	160	419	3.9	642.2	642.2	642.9	0.7

¹Feet above confluence with Horsepen Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HORSEPEN CREEK NORTH TRIBUTARY 1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Horsepen Creek North Tributary 2								
A	895	89	330	4.9	634.2	632.0 ²	632.4	0.4
B	1,590	135	267	6.0	638.3	638.3	638.3	0.0
C	2,535	100	551	2.9	640.1	640.1	640.3	0.2
D	3,625	80	298	5.4	640.4	640.4	641.2	0.8
E	4,730	420	295	5.5	645.2	645.2	645.3	0.1
F	5,090	140	512	3.2	646.2	646.2	646.4	0.2
G	6,040	180	628	2.6	648.2	648.2	649.0	0.8
H	7,850	144	118	4.5	651.5	651.5	651.5	0.0
I	8,350	150	263	2.0	654.8	654.8	654.8	0.0
J	9,300	538	90	5.9	667.5	667.5	667.5	0.0
K	10,820	170	627	0.9	668.3	668.3	668.4	0.1
L	11,480	58	90	2.9	668.3	668.3	668.4	0.1
M	12,370	103	29	3.1	672.2	672.2	672.3	0.1
N	12,870	25	33	2.7	673.8	673.8	673.8	0.0
O	13,650	17	16	5.6	678.7	678.7	679.0	0.3

¹Feet above confluence with Horsepen Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HORSEPEN CREEK NORTH TRIBUTARY 2

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Horsepen Creek North Tributary 3								
A	600	313	1,275	2.9	636.5	635.7 ²	636.7	1.0
B	1,300	320	1,156	3.2	637.4	637.4	637.9	0.5
C	2,840	142	729	5.0	641.3	641.3	641.9	0.6
D	3,975	260	1,428	2.6	643.6	643.6	644.4	0.8
E	5,130	200	805	4.5	645.4	645.4	646.0	0.6
F	6,730	140	580	4.5	648.7	648.7	649.1	0.4
G	8,355	105	446	5.8	652.3	652.3	652.6	0.3
H	9,290	150	685	3.8	653.8	653.8	654.7	0.9
I	10,610	104	365	7.1	657.3	657.3	657.7	0.4

¹Feet above confluence with Horsepen Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HORSEPEN CREEK NORTH TRIBUTARY 3

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Horsepen Creek Tributary B								
A	10	100	406	4.0	641.5	639.6 ²	640.6	1.0
B	1,040	115	312	5.2	643.1	643.1	643.2	0.1
C	1,500	51	224	3.8	643.9	643.9	644.7	0.8

¹Feet above confluence with Horsepen Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HORSEPEN CREEK TRIBUTARY B

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Horsepen Creek Tributary B Tributary								
A	180	60	198	3.9	643.2	642.9 ²	643.9	1.0
B	465	75	243	3.2	643.7	643.7	644.5	0.8
C	1,360	70	157	4.9	646.4	646.4	646.6	0.2
D	2,220	75	212	3.6	648.8	648.8	649.4	0.6
E	3,100	80	237	3.3	650.5	650.5	651.2	0.7

¹Feet above confluence with Horsepen Creek Tributary B.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HORSEPEN CREEK TRIBUTARY B TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Horsepen Creek Tributary C								
A	400	66	214	2.5	646.1	644.9 ²	645.9	1.0
B	1,000	50	133	4.0	646.1	646.1 ²	646.9	0.8
C	1,340	47	132	4.0	647.4	647.4	648.2	0.8
D	1,800	53	115	4.6	649.2	649.2	650.2	1.0
E	3,230	27	49	7.7	653.0	653.0	653.9	0.9

¹Feet above confluence with Horsepen Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HORSEPEN CREEK TRIBUTARY C

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Horsepin Creek								
A	2,960	342	2,283	2.3	636.4	635.1 ²	635.9	0.8
B	4,600	481	3,462	1.5	636.7	636.4 ²	637.2	0.8

¹Feet above confluence with South Fork Horse Creek.

²Elevations computed without consideration of flooding controlled by Bird Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

HORSEPIN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Joe Creek								
A	1,000	224	2,441	4.6	619.1	619.1	619.1	0.0
B	4,600	191	2,027	6.7	622.9	622.9	622.9	0.0
C	7,520	189	2,439	5.6	627.3	627.3	627.3	0.0
D	10,720	106	1,120	16.9	634.7	634.7	634.7	0.0
E	11,977	104	1,140	16.6	637.9	637.9	637.9	0.0
F	14,831	99	1,032	18.3	644.0	644.0	644.0	0.0
G	17,160	99	1,310	14.5	652.4	652.4	652.4	0.0
H	18,078	42	558	13.8	655.0	654.0	654.0	0.0
I	19,596	50	968	7.9	657.5	657.5	657.6	0.1

¹ Feet above confluence with Arkansas River

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	JOE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Jones Creek								
A	276	134	739	3.9	631.0	631.0	631.4	0.4
B	2,575	156	689	2.5	643.3	643.3	643.7	0.4
C	3,417	80	470	3.7	645.7	645.7	645.9	0.2
D	4,302	55	257	6.7	648.0	648.0	648.3	0.3
E	5,358	418	4,140	0.5	660.2	660.2	660.2	0.0
F	7,905	247	321	6.6	675.2	675.2	675.2	0.0
G	8,608	45	205	8.8	679.7	679.7	679.7	0.0

¹ Feet above confluence with Mill Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

JONES CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Little Creek								
A	1,021	155	593	4.8	602.5	602.5	602.7	0.2
B	1,490	45	318	8.6	607.3	607.3	607.6	0.3
C	3,129	232	775	3.2	618.8	618.8	619.1	0.3
D	3,896	311	551	4.6	624.8	624.8	625.3	0.5
E	4,326	226	917	2.2	626.3	626.3	627.1	0.8
F	5,057	189	312	6.5	632.2	632.2	632.3	0.1
G	7,066	182	536	3.0	641.0	641.0	641.8	0.8
H	8,758	160	302	5.4	647.8	647.8	647.8	0.0

¹Feet above confluence with Mingo Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

LITTLE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET NAVD 88)
Little Haikey Creek								
A	2,280	622	2,240	2.8	623.5	623.5	624.1	0.6
B	3,282	291	2,070	3.0	628.4	628.4	628.8	0.4
C	4,542	411	2,457	2.6	628.9	628.9	629.6	0.7
D	5,419	380	2,266	2.8	630.0	630.0	630.6	0.6
E	5,930	398	1,949	3.2	631.1	631.1	631.6	0.5
F	6,625	385	1,463	4.3	631.5	631.5	631.9	0.4
G	7,125	445	1,848	3.4	632.5	632.5	633.1	0.6
H	8,016	337	1,510	4.2	633.7	633.7	634.1	0.4
I	8,908	333	1,485	5.3	636.3	636.3	636.4	0.1
J	9,574	148	658	9.4	636.7	636.7	637.2	0.5
K	10,748	455	1,221	5.1	641.1	641.1	641.4	0.3
L	11,336	376	2,180	2.8	643.3	643.3	643.4	0.1
M	12,175	557	2,415	2.7	644.3	644.3	644.7	0.4
N	12,914	490	2,098	3.2	645.1	645.1	645.4	0.3
O	13,227	415	1,388	4.5	646.3	646.3	646.3	0.0
P	13,919	537	4,114	1.5	647.9	647.9	647.9	0.0
Q	14,780	171	1,135	5.4	648.0	648.0	648.0	0.0
R	15,729	432	1,256	4.9	650.8	650.8	650.8	0.0
S	16,219	177	1,079	5.7	651.5	651.5	652.2	0.7
T	17,170	343	1,546	4.0	654.1	654.1	654.3	0.2

¹ Feet above confluence with Haikey Creek

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	LITTLE HAIKEY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ^{1,2}	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Little Haikey Creek (cont)								
U	18,061	106	777	7.9	655.4	655.4	655.8	0.4
V	18,856	156	1,853	3.3	661.2	661.2	661.6	0.4
W	19,253	161	1,129	5.2	661.9	661.9	662.4	0.5
X	20,441	54	560	10.4	662.8	662.8	663.5	0.7
Y	20,851	112	1,319	4.4	666.5	666.5	666.7	0.2
Z	21,468	230	1,102	5.3	666.5	666.5	666.9	0.4
AA	22,271	84	854	6.8	668.6	668.6	668.8	0.2
AB	22,465	147	1,058	5.5	669.2	669.2	669.6	0.4
AC	23,573	110	878	6.2	671.5	671.5	671.5	0.0
AD	26,286	285	1,538	3.1	673.3	673.3	673.4	0.1
AE	27,056	214	913	5.3	674.2	674.2	674.4	0.2
AF	27,686	350	1,009	4.8	676.6	676.6	676.9	0.3
AG	28,436	400	1,395	3.5	679.5	679.5	679.7	0.2
AH	29,720	480	1,415	3.5	681.2	681.2	681.6	0.4
AI	30,755	185	1,506	2.7	683.0	683.0	683.0	0.0
AJ	31,497	420	923	4.3	684.8	684.8	684.8	0.0
AK	31,999	151	1,014	4.2	685.3	685.3	685.3	0.0
AL	32,333	42	289	13.7	685.7	685.7	685.8	0.1
AM	32,870	108	550	7.2	689.1	689.1	689.9	0.8
AN	33,256	350	1,645	2.4	690.7	690.7	691.0	0.3

¹Feet above confluence with Haikey Creek.

²Stations upstream of cross section AC match to the effective profile baseline from the 2012 revision

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

LITTLE HAIKEY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Little Haikey Creek								
AO	33,366	470	2,845	1.4	692.1	692.1	692.1	0.0
AP	33,866	470	2,877	1.4	692.2	692.2	692.2	0.0
AQ	34,416	231	745	5.4	693.0	693.0	693.2	0.2
AR	34,816	330	986	4.1	695.7	695.7	696.1	0.4
AS	35,026	234	789	5.1	696.8	696.8	697.4	0.6
AT	35,276	209	1,162	3.4	698.4	698.4	698.8	0.4
AU	35,526	200	954	4.2	699.1	699.1	699.4	0.3
AV	36,976	290	1,305	3.1	701.3	701.3	701.9	0.6
AW	37,436	230	963	4.2	704.1	704.1	704.1	0.0
AX	37,736	300	960	4.2	705.1	705.1	705.7	0.6
AY	38,056	270	1,221	3.3	706.7	706.7	707.0	0.3
AZ	39,236	90	530	4.4	709.6	709.6	709.7	0.1
BA	40,036	133	452	5.1	714.6	714.6	714.7	0.1
BB	40,636	225	655	3.5	717.1	717.1	717.6	0.5
BC	41,126	139	651	3.6	719.0	719.0	719.7	0.7
BD	41,266	107	555	4.2	720.3	720.3	720.7	0.4
BE	41,896	99	622	2.4	724.4	724.4	724.5	0.1

¹Feet above confluence with Haikey Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

LITTLE HAIKEY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Little Haikey Creek Tributary								
A	386	111	522	2.9	708.0	708.0	708.2	0.2
B	824	99	364	4.2	708.8	708.8	708.9	0.1
C	1,219	137	375	4.1	712.2	712.2	712.2	0.0
D	1,877	110	511	3.0	716.7	716.7	717.0	0.3
E	2,472	50	349	4.4	721.1	721.1	721.8	0.7
F	2,807	43	159	9.7	721.5	721.5	721.5	0.0

¹Feet above confluence with Little Haikey Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

LITTLE HAIKEY CREEK TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Little Joe Creek								
A	350	227	1,559	6.4	655.2	655.2	655.2	0.0
B	1,549	95	806	12.4	655.2	655.2	655.2	0.0
C	3,236	70	597	16.8	661.2	661.2	661.2	0.0
D	4,504	70	472	17.7	666.9	666.9	666.9	0.0
E	6,191	35	418	19.6	675.5	675.5	675.5	0.0
F	7,333	301	1,197	3.6	687.5	687.5	687.8	0.3
G	9,222	205	1,009	4.0	697.6	697.6	698.4	0.8
H	10,096	122	844	4.7	700.1	700.1	700.9	0.8
I	10,311	114	851	4.8	703.1	703.1	703.6	0.5
J	11,243	293	408	7.9	707.4	707.4	707.4	0.0
K	11,422	73	480	5.8	709.0	709.0	709.5	0.5
L	13,018	30	213	14.4	713.8	713.8	713.8	0.0
M	13,077	88	429	6.4	716.5	716.5	717.2	0.7
N	13,211	42	349	8.1	717.4	717.4	717.7	0.3
O	13,586	42	322	8.8	717.9	717.9	718.0	0.1

¹ Feet above confluence with Joe Creek

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY TULSA COUNTY, OK AND INCORPORATED AREAS	FLOODWAY DATA
		LITTLE JOE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)
Little Sand Creek								
A	1,365	40	69	8.9	664.0	661.4 ²	661.4	0.0
B	2,170	67	102	6.0	667.6	667.6	667.7	0.1
C	3,095	46	89	6.9	676.5	676.5	676.9	0.4
D	4,055	31	84	5.5	686.7	686.7	687.6	0.9
E	4,730	42	82	5.6	694.2	694.2	694.6	0.4
F	5,595	210	688	3.3	705.4	705.4	705.4	0.0
G	6,470	68	236	9.7	712.4	712.4	712.6	0.2
H	7,045	44	157	10.7	717.8	717.8	717.9	0.1
I	8,045	43	155	10.8	728.4	728.4	728.5	0.1
J	8,970	46	156	9.7	738.1	738.1	738.5	0.4
K	9,960	29	144	10.6	751.1	751.1	751.8	0.7

¹Feet above confluence with Arkansas River.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

LITTLE SAND CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE (FEET)
Lower Fred Creek								
A	950	135	367	2.8	616.0	607.7 ²	607.7	0.0
B	3,200	73	400	2.4	616.0	613.5 ²	613.5	0.2
C	3,875	47	184	4.6	617.8	617.8	617.8	0.0

¹Feet above confluence with Arkansas River.

²Elevation computed without consideration of backwater from the Arkansas River.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

LOWER FRED CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Middle Branch Haikey Creek								
A	1,000 ¹	130	1,116	6.0	651.8	648.4 ⁴	648.7	0.3
B	1,660 ²	162	1,349	4.8	651.8	651.6 ⁴	652.1	0.5
C	2,360 ²	162	2,309	3.0	651.8	651.8	652.7	0.9
D	2,785 ²	200	1,650	5.8	652.5	652.5	653.2	0.7
E	3,000 ¹	209	2,181	3.1	653.1	653.1	653.9	0.8
F	4,000 ¹	325	2,317	2.9	654.7	654.7	655.2	0.5
G	4,500 ¹	165	1,460	4.6	655.2	655.2	655.6	0.4
H	5,500 ¹	250	2,122	3.1	659.3	659.3	660.0	0.7
I	6,888 ¹	180	1,405	4.6	661.4	661.4	662.2	0.8
J	8,500 ¹	100	706	9.2	663.4	663.4	664.4	1.0
K	9,500 ¹	190	1,424	3.6	666.4	666.4	667.4	1.0
L	10,500 ¹	149	1,048	5.0	669.6	669.6	670.0	0.4
M	11,500 ¹	110	875	5.9	672.0	672.0	672.3	0.3
N	13,000 ¹	166	1,288	4.0	678.0	678.0	678.7	0.7
O	14,000 ¹	122	1,106	4.1	679.6	679.6	679.9	0.3
P	15,000 ¹	118	997	4.6	683.3	683.3	683.6	0.3
Q	16,000 ¹	183	1,139	4.0	684.1	684.1	684.8	0.7
R	15,855 ³	76	204	9.9	684.5	684.5	684.5	0.0
S	16,144 ³	152	380	5.9	687.7	687.7	687.7	0.0
T	16,510 ³	90	326	6.0	689.9	689.9	689.9	0.0

¹ Feet above confluence with East Branch Haikey Creek based upon streamline for detailed study completed November 18, 2005.

² Feet above confluence with East Branch Haikey Creek based upon profile base line from LOMR 06-06-BJ56P dated January 29, 2007.

³ Feet above confluence with East Branch Haikey Creek based upon profile base line from LOMR 06-06-BE22P dated January 25, 2007.

⁴ Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK
AND INCORPORATED AREAS

FLOODWAY DATA

MIDDLE BRANCH HAIKEY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Mill Creek								
A	725	54	440	13.7	622.4	620.4 ²	620.4	0.0
B	1,600	66	474	12.5	625.8	625.8	625.8	0.0
C	1,850	62	404	14.6	625.8	625.8	625.8	0.0
D	4,233	51	244	12.5	634.7	634.7	634.7	0.0
E	4,800	50	245	12.4	637.5	637.5	637.5	0.0
F	5,436	105	617	4.1	642.8	642.8	642.9	0.1
G	6,043	93	516	4.9	643.7	643.7	644.1	0.4
H	6,226	584	1,147	3.5	653.9	653.9	653.9	0.0
I	7,988	64	496	8.1	656.5	656.5	657.2	0.7
J	13,548	51	369	6.3	697.9	697.9	698.8	0.9
K	14,433	116	509	4.0	704.2	704.2	704.8	0.6
L	15,588	234	1,307	2.2	718.7	718.7	718.7	0.0
M	16,098	68	353	8.0	720.0	720.0	720.3	0.3
N	16,528	95	591	4.8	722.4	722.4	722.9	0.5
O	16,858	41	313	9.1	726.4	726.4	727.2	0.8

¹Feet above confluence with Mingo Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

MILL CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Mingo Creek								
A	1,750	300	4,811	8.5	589.4	587.6 ²	588.2	0.6
B	6,150	1,425	17,788	2.4	592.7	592.7	593.5	0.8
C	9,180	1,879	22,009	1.9	593.4	593.4	594.3	0.9
D	12,775	472	6,299	6.7	597.9	597.9	598.4	0.5
E	14,320	384	7,069	6.1	599.9	599.9	600.7	0.8
F	16,620	700	8,754	4.7	601.4	601.4	602.2	0.8
G	18,715	600	6,359	6.5	603.3	603.3	603.9	0.6
H	21,700	2,100	19,915	1.8	605.1	605.1	606.0	0.9
I	26,020	2,350	19,961	1.8	605.8	605.8	606.6	0.8
J	30,630	2,460	22,752	1.8	607.7	607.7	608.5	0.8
K	33,510	339	5,834	6.5	610.9	610.9	611.5	0.6
L	36,310	389	5,505	5.8	612.6	612.6	613.2	0.6
M	40,110	191	2,713	11.6	615.3	615.3	615.7	0.4
N	41,870	357	4,617	6.1	619.2	619.2	619.4	0.2
O	43,580	264	3,788	7.3	620.7	620.7	620.8	0.1
P	45,120	264	3,909	6.0	622.1	622.1	622.2	0.1
Q	46,130	190	2,715	9.1	622.6	622.6	622.8	0.2
R	48,720	240	2,816	6.5	625.4	625.4	625.5	0.1
S	50,300	263	3,163	6.5	628.6	628.6	628.7	0.1
T	52,170	209	2,615	8.5	630.8	630.8	630.8	0.0

¹Feet above confluence with Bird Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK
AND INCORPORATED AREAS

FLOODWAY DATA

MINGO CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Mingo Creek (cont)								
U	52,530	178	2,141	9.5	631.5	631.5	631.5	0.0
V	54,150	120	1,245	16.4	632.9	632.9	632.9	0.0
W	55,330	185	2,124	8.6	637.7	637.7	637.7	0.0
X	56,672	188	2,202	8.5	639.5	639.5	639.5	0.0
Y	57,110	182	1,212	8.5	640.3	640.3	640.3	0.0
Z	58,195	216	2,624	6.2	643.2	643.2	643.3	0.1
AA	59,440	169	1,829	6.5	644.2	644.2	644.2	0.0
AB	59,900	202	2,115	5.7	645.7	645.7	645.8	0.1
AC	60,820	178	2,052	5.7	646.4	646.4	646.5	0.1
AD	65,325	111	1,056	7.6	653.9	653.9	654.0	0.1
AE	66,845	137	1,201	6.7	658.2	658.2	658.2	0.0
AF	68,870	128	991	5.0	662.0	662.0	662.0	0.0
AG	70,160	139	1,359	3.5	663.0	663.0	663.1	0.1
AH	70,615	101	969	4.9	664.2	664.2	664.2	0.0
AI	71,462	80	997	3.5	670.0	670.0	670.8	0.8
AJ	73,020	114	775	4.6	672.0	672.0	672.8	0.8
AK	73,850	106	833	3.9	673.8	673.8	674.6	0.8
AL	75,290	102	615	4.8	675.8	675.8	676.1	0.3
AM	77,215	200	356	8.3	682.2	682.2	682.7	0.5

¹Feet above confluence with Bird Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

MINGO CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Mingo Creek (cont)								
AN	79,760	74	402	3.2	689.3	689.3	689.8	0.5
AO	79,850	49	135	9.5	689.3	689.3	689.3	0.0
AP	81,449	105	489	5.4	695.8	695.8	695.8	0.0
AQ	81,775	130	815	3.2	702.8	702.8	702.8	0.0
AR	82,060	131	805	3.3	702.9	702.9	702.9	0.0
AS	82,190	106	292	9.0	702.9	702.9	702.9	0.0
AT	82,990	48	127	9.3	707.7	707.7	707.7	0.0
AU	83,550	51	181	6.5	712.1	712.1	712.1	0.0
AV	84,230	56	210	5.6	721.0	721.0	721.0	0.0

¹Feet above confluence with Bird Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

MINGO CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Mooser Creek								
A	770	65	516	12.4	624.0	620.9 ²	620.9	0.0
B	2,410	210	1,148	5.8	630.1	630.1	630.5	0.4
C	4,748	48	360	15.7	638.1	638.1	638.1	0.0
D	5,964	187	1,401	4.8	647.5	647.5	648.3	0.8
E	7,290	86	807	6.6	650.8	650.8	651.4	0.6
F	10,190	91	500	6.6	662.7	662.7	663.6	0.9
G	12,190	100	519	5.3	673.9	673.9	674.8	0.9
H	13,630	36	306	8.2	681.8	681.8	682.3	0.5
I	14,560	115	518	5.9	687.8	687.8	687.8	0.0
J	14,860	63	412	6.6	690.7	690.7	690.7	0.0
K	16,648	80	533	5.6	707.8	707.4	708.3	0.8
L	17,498	144	298	9.6	713.0	713.0	713.0	0.0

¹ Feet above confluence with Arkansas River.

² Elevation computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

MOOSER CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Mooser Creek Tributary								
A	1,680	135	809	3.4	662.2	662.2	662.2	0.0
B	3,780	161	1,186	2.3	670.3	670.3	671.1	0.8
C	5,860	191	1,035	2.4	677.7	677.7	677.7	0.0

¹ Feet above confluence with Mooser Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

MOOSER CREEK TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Nichols Creek								
A	732	43	435	2.8	689.3	689.3	690.1	0.8
B	1,004	103	794	1.6	689.4	689.4	690.4	1.0
C	1,330	61	250	4.9	689.2	689.2	690.2	1.0
D	1,855	38	223	5.5	692.7	692.7	693.5	0.8
E	2,316	44	246	5.0	695.4	695.4	696.1	0.7
F	2,648	34	167	7.4	697.9	697.9	698.3	0.4
G	2,964	65	234	5.3	701.9	701.9	702.3	0.4
H	3,326	34	189	6.5	705.0	705.0	705.4	0.4
I	3,801	50	322	3.8	712.6	712.6	713.1	0.5
J	4,306	87	458	2.7	713.3	713.3	714.1	0.8
K	4,999	83	171	7.2	717.3	717.3	717.3	0.0
L	5,420	42	354	2.0	723.8	723.8	724.4	0.6
M	5,784	77	287	2.4	723.9	723.9	724.6	0.7
N	6,589	90	110	6.3	732.1	732.1	732.1	0.0
O	7,432	78	105	6.7	738.5	738.5	738.5	0.0
P	7,799	17	63	11.0	742.2	742.2	742.6	0.4

¹Feet above confluence with Coal Creek (West Tulsa).

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

NICHOLS CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Nickel Creek								
A	1,515	803	3,244	2.8	629.4	626.8 ²	627.6	0.8
B	4,404	968	2,358	3.9	629.4	629.2 ²	630.1	0.9
C	5,565	1,040	3,751	2.4	631.2	631.2	631.8	0.6
D	6,601	956	4,090	2.2	635.0	635.0	635.1	0.1
E	6,925	632	2,281	4.0	635.5	635.5	635.7	0.2

¹Feet above confluence with Polecat Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

NICKEL CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
North Fork Little Joe Creek								
A	238	349	596	1.5	682.5	682.5	682.5	0.0
B	849	34	149	11.9	682.6	682.6	682.7	0.1
C	1,217	78	453	3.9	688.5	688.5	689.1	0.6
D	1,279	78	490	3.6	688.8	688.8	689.5	0.7
E	1,706	47	345	5.0	690.9	690.9	691.6	0.7
F	1,852	45	159	11.0	692.1	692.1	692.1	0.0
G	1,976	315	1,620	1.1	696.9	696.9	697.1	0.2
H	2,632	82	371	4.8	697.0	697.0	697.1	0.1
I	3,325	77	409	7.0	697.3	697.3	697.8	0.5

¹ Feet above confluence with Little Joe Creek

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	NORTH FORK LITTLE JOE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Old Joe Tributary to Fred Creek								
A	450	70	117	9.2	621.7	619.9 ²	619.9	0.0
B	950	410	2,309	0.5	623.7	623.7	623.7	0.0
C	1,750	111	495	2.2	623.8	623.8	623.8	0.0
D	2,400	78	246	3.7	624.5	624.5	624.5	0.0
E	3,450	53	259	3.5	626.3	626.3	626.3	0.0

¹Feet above confluence with Fred Creek.

²Elevation computed without consideration of backwater from Fred Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

OLD JOE TRIBUTARY TO FRED CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Olive Creek								
A	944	78	401	5.0	655.3	651.5 ²	651.8	0.3
B	2,000	127	517	3.3	657.0	657.0	657.5	0.5
C	3,000	75	468	3.6	663.6	663.6	664.6	1.0
D	4,000	188	604	2.8	665.9	665.9	666.5	0.6
E	4,500	119	439	3.9	669.0	669.0	669.5	0.5
F	5,000	79	436	2.9	671.0	671.0	671.2	0.2
G	5,500	115	391	3.2	672.2	672.2	672.5	0.3
H	6,000	85	276	4.5	675.4	675.4	675.7	0.3
I	7,000	91	200	4.7	680.4	680.4	680.7	0.3
J	8,000	97	304	3.1	686.0	686.0	686.8	0.8
K	9,055	97	368	2.5	691.2	691.2	691.8	0.6
L	10,192	170	327	2.9	696.5	696.5	696.6	0.1
M	10,748	33	97	9.6	701.1	701.1	701.1	0.0

¹Feet above confluence with Haikey Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

OLIVE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Panther Creek								
A	743	300	1,613	2.3	624.0	621.4 ²	622.3	0.9
B	1,495	350	1,529	2.4	624.0	622.0 ²	623.0	1.0
C	2,465	350	2,004	1.8	624.0	623.1 ²	623.9	0.8
D	5,145	383	1,210	3.0	625.7	625.7	626.5	0.8
E	5,536	490	1,625	2.3	626.2	626.2	627.0	0.8
F	6,593	222	889	4.1	628.7	628.7	629.5	0.8
G	7,882	225	967	2.9	630.7	630.7	631.6	0.9
H	8,918	341	2,523	1.1	635.5	635.5	636.2	0.7
I	9,340	368	2,152	1.3	635.6	635.6	636.2	0.6
J	10,501	258	1,175	2.4	637.2	637.2	638.1	0.9
K	12,152	174	727	3.9	638.5	638.5	639.5	1.0

¹Feet above confluence with Charley Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

PANTHER CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Park Grove Creek								
A	883	150	894	3.2	688.2	688.2	689.2	1.0
B	2,108	150	834	3.4	691.6	691.6	692.0	0.4
C	2,588	115	626	4.5	693.3	693.3	693.8	0.5
D	3,792	125	558	5.1	696.1	696.1	696.6	0.5
E	4,715	157	607	4.7	702.7	702.7	703.1	0.4
F	6,083	115	525	3.9	706.0	706.0	706.8	0.8
G	6,704	90	336	6.0	710.9	710.9	711.0	0.1
H	7,271	119	782	2.4	718.5	718.5	718.5	0.0
I	8,286	214	658	2.9	720.5	720.5	720.9	0.4

¹Feet above confluence with Middle Branch Haikey Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

PARK GROVE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Polecat Creek								
A	885	1,615	17,174	3.2	610.9	609.2 ²	609.2	0.0
B	2,474	5,505	9,913	5.6	610.9	610.1 ²	610.1	0.0
C	2,621	5,599	21,993	2.5	613.3	613.3	613.3	0.0
D	5,720	3,847	17,234	3.2	614.8	614.8	614.8	0.0
E	8,465	2,712	20,912	2.7	616.5	616.5	616.5	0.0
F	10,123	1,824	12,914	4.3	617.3	617.3	617.3	0.0
G	10,406	1,065	13,399	4.2	618.6	618.6	618.6	0.0
H	12,042	506	10,165	5.5	619.9	619.9	619.9	0.0
I	13,067	697	24,013	4.5	621.2	621.2	621.2	0.0
J	13,921	1,366	20,924	3.1	621.8	621.8	621.8	0.0
K	16,316	2,193	29,443	1.9	622.4	622.4	622.4	0.0
L	18,845	2,286	28,883	1.9	622.5	622.5	622.5	0.0
M	19,318	2,222	25,566	2.2	622.5	622.5	622.5	0.0
N	23,695	4,590	27,007	2.1	623.8	623.8	623.8	0.0
O	23,902	4,490	29,382	1.9	623.9	623.9	623.9	0.0
P	26,091	3,453	28,789	1.9	624.2	624.2	624.2	0.0
Q	28,736	1,949	17,196	3.2	625.2	625.2	625.2	0.0
R	31,292	2,674	20,306	2.7	626.9	626.9	626.9	0.0
S	35,248	2,910	22,007	2.5	629.2	629.2	629.2	0.0
T	37,384	3,133	31,721	1.7	630.0	630.0	630.0	0.0

¹Feet above confluence with Arkansas River.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

POLECAT CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Polecat Creek (cont)								
U	37,786	3,349	50,853	1.1	632.6	632.6	632.6	0.0
V	38,929	3,430	48,653	1.1	632.7	632.7	632.7	0.0
W	41,995	2,066	21,137	2.6	633.4	633.4	633.4	0.0
X	43,170	2,670	27,976	2.5	634.1	634.1	634.1	0.0

¹Feet above confluence with Arkansas River.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

POLECAT CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Posey Creek								
A	2,600	117	1,782	7.3	605.6	605.6	606.4	0.8
B	3,400	131	1,609	8.1	606.8	606.8	607.5	0.7
C	5,215	1,015	3,854	3.4	609.7	609.7	610.3	0.6
D	7,123	1,352	4,541	2.9	611.3	611.3	611.8	0.5
E	8,945	1,500	5,642	2.3	612.5	612.5	613.0	0.5
F	9,600	976	4,538	2.9	614.5	614.5	615.0	0.5
G	10,600	780	3,231	4.1	615.0	615.0	615.8	0.8
H	11,000	586	3,006	4.4	615.7	615.7	616.5	0.8
I	11,835	585	3,181	4.1	617.1	617.1	617.9	0.8
J	13,172	817	5,422	2.4	618.6	618.6	619.5	0.9
K	13,986	671	4,031	3.4	618.9	618.9	619.9	1.0
L	15,113	575	3,379	4.1	619.7	619.7	620.7	1.0
M	16,505	665	3,772	3.6	621.7	621.7	622.3	0.6
N	18,200	566	3,549	3.9	622.8	622.8	623.7	0.9
O	19,200	630	3,754	3.6	623.8	623.8	624.7	0.9
P	20,840	540	1,799	4.8	626.6	626.6	627.0	0.4
Q	22,360	405	2,024	3.3	630.3	630.3	630.5	0.2
R	23,540	420	1,676	4.0	631.8	631.8	631.9	0.1
S	24,223	517	2,248	3.0	633.1	633.1	633.3	0.2
T	24,645	653	1,717	3.9	633.6	633.6	634.0	0.4
U	25,262	880	2,406	2.8	634.9	634.9	635.6	0.7

¹Feet above confluence with Arkansas River.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

POSEY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Posey Creek (cont)								
V	25,700	530	1,914	3.5	637.3	637.3	638.2	0.9
W	26,800	402	1,125	5.1	639.8	639.8	640.3	0.5
X	27,700	187	968	6.0	643.6	643.6	643.9	0.3
Y	28,670	267	1,744	3.3	645.1	645.1	645.9	0.8
Z	29,200	329	809	7.1	646.8	646.8	646.9	0.1
AA	29,660	387	1,731	3.3	648.8	648.8	649.8	1.0
AB	30,500	309	1,508	3.8	651.2	651.2	651.2	0.0
AC	31,900	832	1,934	3.0	654.2	654.2	654.2	0.0
AD	33,500	867	2,468	2.3	657.0	657.0	657.6	0.6
AE	34,150	880	2,944	2.0	657.8	657.8	658.5	0.7
AF	35,000	1,314	2,419	2.2	659.0	659.0	659.8	0.8
AG	36,700	1,461	1,684	3.1	663.0	663.0	663.3	0.3
AH	38,000	995	2,846	1.8	666.2	666.2	666.9	0.7
AI	39,250	697	1,657	3.1	668.3	668.3	669.0	0.7
AJ	40,567	268	1,533	3.4	670.9	670.9	671.2	0.3
AK	41,700	278	1,185	4.4	672.8	672.8	673.1	0.3
AL	43,600	110	525	6.9	679.2	679.2	679.4	0.2
AM	45,550	532	3,729	0.8	692.8	692.8	692.8	0.0
AN	46,200	91	282	10.8	702.9	702.9	703.0	0.1

¹Feet above confluence with Arkansas River.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

POSEY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Posey Creek North Tributary 1								
A	33	173	494	4.6	628.9	622.6 ²	623.6	1.0
B	632	193	295	7.6	628.9	628.3 ²	628.4	0.1
C	1,460	112	359	6.3	630.9	630.9	631.4	0.5
D	2,347	117	631	3.6	636.6	636.6	637.2	0.6
E	3,200	100	451	4.0	638.3	638.3	638.8	0.5
F	3,820	70	252	7.1	640.2	640.2	640.3	0.1
G	4,350	108	402	4.5	644.7	644.7	644.7	0.0
H	5,205	58	257	7.0	649.5	649.5	649.5	0.0
I	5,700	61	187	9.6	653.2	653.2	653.3	0.1
J	6,820	64	253	5.8	658.4	658.4	659.1	0.7
K	7,435	75	312	4.7	661.0	661.0	661.2	0.2
L	8,000	83	163	8.9	664.7	664.7	664.7	0.0
M	8,700	99	275	5.3	668.9	668.9	669.1	0.2
N	9,050	64	218	4.3	670.3	670.3	671.0	0.7
O	9,701	50	170	5.5	672.5	672.5	672.6	0.1
P	10,075	108	302	3.1	674.7	674.7	675.0	0.3
Q	10,700	53	172	5.4	676.3	676.3	677.0	0.7
R	11,280	70	209	4.5	680.4	680.4	680.4	0.0
S	12,060	114	236	4.0	684.2	684.2	684.4	0.2
T	12,630	144	492	1.9	688.5	688.5	689.8	1.3

¹Feet above confluence with Posey Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

POSEY CREEK NORTH TRIBUTARY 1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Posey Creek North Tributary 1 (cont)								
U	13,271	155	241	3.9	690.1	690.1	690.5	0.4
V	13,800	219	232	4.0	694.0	694.0	693.7	-0.3

¹Feet above confluence with Posey Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

POSEY CREEK NORTH TRIBUTARY 1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Posey Creek South Tributary 1								
A	291	55	414	5.4	610.5	604.6 ²	605.3	0.7
B	1,055	38	288	7.8	610.5	606.1 ²	606.6	0.5
C	1,400	55	256	8.7	610.5	607.7 ²	608.1	0.4
D	2,090	70	332	6.7	613.3	613.3	613.4	0.1
E	2,591	52	333	6.7	614.8	614.8	615.7	0.9
F	2,900	49	264	8.4	616.0	616.0	617.0	1.0
G	3,120	58	317	7.0	618.0	618.0	618.6	0.6
H	3,307	40	205	10.9	619.2	619.2	619.8	0.6
I	4,000	40	237	9.4	625.0	625.0	625.2	0.2
J	4,740	43	202	11.1	629.0	629.0	629.0	0.0
K	5,205	50	363	6.1	632.7	632.7	633.4	0.7
L	5,970	73	297	7.5	634.6	634.6	635.1	0.5
M	6,500	57	240	9.3	638.6	638.6	638.8	0.2
N	7,500	37	138	8.5	644.4	644.4	644.8	0.4
O	8,189	35	136	8.6	651.2	651.2	651.6	0.4
P	8,596	40	168	7.0	654.3	654.3	654.5	0.2
Q	9,295	45	157	7.5	659.2	659.2	659.3	0.1
R	10,190	55	238	4.9	662.8	662.8	663.6	0.8
S	10,840	47	172	6.8	665.5	665.5	666.0	0.5
T	11,356	63	251	4.7	668.0	668.0	668.8	0.8

¹Feet above confluence with Posey Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK
AND INCORPORATED AREAS

FLOODWAY DATA

POSEY CREEK SOUTH TRIBUTARY 1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Posey Creek South Tributary 2								
A	857	213	948	5.4	624.6	624.6	625.1	0.5
B	1,707	240	1,356	3.8	626.5	626.5	627.1	0.6
C	2,160	295	1,078	4.8	627.1	627.1	627.8	0.7
D	2,705	343	1,357	3.8	627.9	627.9	628.8	0.9
E	2,940	236	689	7.4	629.7	629.7	630.1	0.4
F	3,340	193	893	5.8	632.3	632.3	632.6	0.3
G	3,945	206	984	5.2	633.8	633.8	634.4	0.6
H	4,240	189	848	6.1	634.5	634.5	635.2	0.7
I	4,840	174	977	5.3	636.8	636.8	637.6	0.8
J	5,255	168	948	5.3	637.7	637.7	638.6	0.9
K	6,037	203	1,442	4.3	642.4	642.4	642.5	0.1
L	6,400	215	1,214	5.1	642.8	642.8	643.1	0.3
M	6,974	130	692	7.8	643.5	643.5	644.5	1.0
N	7,518	168	879	5.7	645.9	645.9	646.6	0.7
O	8,235	129	710	3.4	648.2	648.2	648.8	0.6
P	8,969	127	490	4.8	649.5	649.5	650.3	0.8
Q	9,543	141	492	4.8	650.7	650.7	651.5	0.8
R	10,247	169	541	4.4	653.2	653.2	653.7	0.5
S	11,168	220	486	4.9	655.5	655.5	656.1	0.6
T	11,828	196	740	3.2	657.1	657.1	658.0	0.9

¹Feet above confluence with Posey Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

POSEY CREEK SOUTH TRIBUTARY 2

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Posey Creek South Tributary 2 (cont)								
U	12,473	135	581	4.1	657.7	657.7	658.6	0.9
V	12,673	131	492	4.8	658.1	658.1	659.0	0.9
W	13,240	182	693	3.4	659.1	659.1	660.0	0.9
X	13,508	175	862	2.9	661.7	661.7	662.3	0.6
Y	13,952	144	610	3.8	662.0	662.0	662.5	0.5

¹Feet above confluence with Posey Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

POSEY CREEK SOUTH TRIBUTARY 2

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Prattville Creek								
A	1,201	210	658	9.1	648.9	634.8 ²	634.8	0.0
B	2,159	250	2,840	2.1	657.3	657.3	657.5	0.2
C	2,465	200	2,145	2.7	657.4	657.4	657.6	0.2
D	3,172	150	1,547	3.8	657.6	657.6	658.1	0.5
E	3,613	200	1,781	3.3	657.8	657.8	658.6	0.8
F	3,975	125	1,238	4.7	658.2	658.2	659.1	0.9
G	4,594	313	2,138	2.7	659.6	659.6	660.5	0.9
H	5,156	247	1,400	4.2	660.8	660.8	661.8	1.0
I	5,521	180	997	5.6	662.0	662.0	662.9	0.9
J	6,353	248	1,430	3.9	665.8	665.8	666.8	1.0
K	6,878	235	1,427	3.9	668.5	668.5	669.5	1.0
L	7,163	69	528	8.1	669.1	669.1	670.1	1.0
M	7,751	60	423	10.1	672.5	672.5	673.5	1.0
N	8,182	63	524	8.2	676.8	676.8	677.2	0.4
O	8,777	127	735	5.8	680.1	680.1	680.7	0.6
P	9,149	138	870	4.8	681.7	681.7	682.7	1.0
Q	10,064	82	800	5.2	687.5	687.5	688.4	0.9
R	10,516	125	1,022	4.0	694.0	694.0	694.8	0.8
S	10,940	63	419	9.6	696.4	696.4	697.4	1.0
T	12,105	42	295	13.1	705.3	705.3	705.7	0.4

¹Feet above confluence with Arkansas River.

²Water-surface elevations calculated without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

PRATTVILLE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Prattville Creek (cont)								
U	13,205	59	352	7.7	712.9	712.9	713.9	1.0
V	13,851	150	1,144	2.4	725.1	725.1	725.1	0.0
W	14,569	80	757	3.6	726.3	726.3	726.4	0.1
X-Y ²								

¹Feet above confluence with Arkansas River.

²No floodway data.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

PRATTVILLE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Quarry Creek								
A	1,614	183	897	7.3	604.6	604.6	605.6	1.0
B	3,356	164	1,322	5.0	617.1	617.1	617.3	0.2
C	4,406	295	1,004	6.2	619.3	619.3	619.9	0.6
D	6,915	162	690	9.0	630.8	630.8	631.2	0.4
E	7,578	175	1,075	5.8	634.5	634.5	635.1	0.6
F	8,265	182	660	9.5	636.9	636.9	637.1	0.2
G	10,999	326	1,871	3.1	650.6	650.6	650.9	0.3
H	14,159	203	528	7.8	667.4	667.4	667.5	0.1
I	16,161	233	1,136	3.6	679.8	679.8	680.5	0.7

¹Feet above confluence with Mingo Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

QUARRY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Ranch Creek								
A	4,840	5,275	42,964	0.3	591.9	585.7 ²	586.7	1.0
B	6,400	4,600	38,239	0.3	591.9	585.8 ²	586.7	0.9
C	7,250	4,500	37,704	0.4	591.9	585.8 ²	586.7	0.9
D	7,860	4,600	35,720	0.4	591.9	585.8 ²	586.7	0.9
E	8,720	3,800	28,523	0.5	591.9	586.7 ²	587.6	0.9
F	9,820	2,150	15,554	0.8	591.9	586.8 ²	587.6	0.8
G	10,855	1,590	10,073	1.3	591.9	586.9 ²	587.7	0.8
H	11,760	395	2,589	5.1	591.9	587.2 ²	587.9	0.7
I	12,280	620	4,909	2.7	591.9	591.6 ²	591.9	0.3
J	12,870	800	5,787	2.3	592.0	592.0	592.2	0.2
K	13,710	500	3,310	3.6	592.1	592.1	592.6	0.5
L	14,610	389	2,632	4.5	593.0	593.0	593.3	0.3
M	15,300	425	2,967	4.0	593.9	593.9	594.0	0.1
N	15,500	400	2,958	4.0	594.0	594.0	594.3	0.3
O	16,100	550	4,542	2.6	595.8	595.8	596.5	0.7
P	16,280	600	4,577	2.6	595.8	595.8	596.5	0.7
Q	16,800	500	4,356	2.7	596.1	596.1	596.7	0.6
R	17,310	600	4,601	2.6	596.2	596.2	597.0	0.8
S	18,660	625	3,409	3.5	596.8	596.8	597.8	1.0
T	19,640	705	4,432	2.7	598.7	598.7	599.2	0.5

¹Feet above confluence with Bird Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

RANCH CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Ranch Creek (cont)								
U	20,740	775	3,433	3.5	600.0	600.0	600.4	0.4
V	21,740	730	3,842	3.1	601.4	601.4	601.9	0.5
W	21,990	670	2,705	4.4	601.8	601.8	602.3	0.5
X	22,500	300	1,595	7.5	603.6	603.6	603.8	0.2
Y	23,130	335	2,543	4.7	606.4	606.4	606.7	0.3
Z	23,680	315	2,064	5.8	607.2	607.2	607.9	0.7
AA	24,300	350	2,965	2.3	608.9	608.9	609.6	0.7
AB	24,830	260	1,528	4.4	609.0	609.0	609.9	0.9
AC	25,720	250	1,365	4.9	611.7	611.7	612.0	0.3
AD	26,450	223	1,489	4.5	613.8	613.8	614.0	0.2
AE	26,830	200	1,120	6.0	614.9	614.9	615.4	0.5
AF	27,340	220	1,366	4.9	616.6	616.6	617.6	1.0
AG	27,970	115	761	8.8	619.1	619.1	619.8	0.7
AH	28,410	120	908	7.4	622.9	622.9	622.9	0.0
AI	29,400	159	1,219	5.5	624.7	624.7	625.5	0.8
AJ	30,040	148	847	5.2	626.3	626.3	626.7	0.4
AK	31,010	165	1,047	4.2	627.7	627.7	628.6	0.9
AL	31,430	161	845	5.2	628.7	628.7	629.6	0.9
AM	32,370	165	776	5.7	632.8	632.8	632.8	0.0
AN	32,870	313	1,142	3.9	633.9	633.9	634.3	0.4
AO	33,580	370	2,031	1.6	637.6	637.6	638.3	0.7

¹Feet above confluence with Bird Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

RANCH CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Ranch Creek (cont)								
AP	33,800	250	1,236	2.7	637.6	637.6	638.3	0.7
AQ	34,220	125	582	5.6	638.0	638.0	638.7	0.7
AR	34,780	145	822	4.0	639.1	639.1	639.7	0.6
AS	35,590	175	687	4.8	640.1	640.1	640.5	0.4
AT	36,090	205	437	7.5	641.5	641.5	641.5	0.0
AU	37,040	165	747	3.5	645.6	645.6	646.0	0.4
AV	37,880	107	379	6.9	647.2	647.2	648.1	0.9
AW	38,280	160	716	3.7	650.0	650.0	650.5	0.5
AX	39,320	230	732	1.9	651.5	651.5	652.4	0.9
AY	40,400	188	486	2.4	653.7	653.7	653.8	0.1
AZ	40,800	179	455	2.6	657.1	657.1	657.5	0.4
BA	41,660	190	430	2.7	659.1	659.1	659.2	0.1

¹Feet above confluence with Bird Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

RANCH CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Ranch Creek Tributary								
A	14,268	1,110	2,235	2.4	591.9	588.4 ²	589.2	0.8
B	15,361	823	2,216	2.3	591.9	591.9	592.4	0.5
C	15,740	380	1,621	3.1	592.7	592.7	593.1	0.4
D	16,850	795	9,002	0.6	603.0	603.0	603.8	0.8
E	17,650	779	6,772	0.7	603.0	603.0	603.8	0.8
F	18,690	457	3,201	1.6	603.1	603.1	603.9	0.8
G	19,271	369	2,420	1.6	603.2	603.2	604.0	0.8
H	20,447	293	2,312	1.7	610.5	610.5	610.7	0.2
I	21,000	227	1,375	2.9	610.7	610.7	610.9	0.2
J	22,060	331	1,193	3.3	612.2	612.2	612.9	0.7
K	23,000	400	1,419	2.8	615.3	615.3	616.0	0.7
L	24,005	432	1,260	3.1	619.6	619.6	619.7	0.1
M	25,400	200	1,350	2.9	623.4	623.4	623.5	0.1
N	26,207	245	1,124	3.5	625.6	625.6	625.9	0.3
O	27,314	112	432	5.5	630.1	630.1	630.4	0.3
P	28,240	175	1,021	2.3	635.2	635.2	636.0	0.8
Q	28,800	108	523	4.6	636.0	636.0	636.9	0.9
R	29,330	122	562	4.2	638.7	638.7	639.5	0.8
S	30,411	150	524	4.5	645.1	645.1	645.4	0.3
T	31,649	150	415	5.7	653.5	653.5	653.9	0.4

¹Feet above confluence with Ranch Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

RANCH CREEK TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Ranch Creek Tributary (cont)								
U	32,428	105	501	4.8	657.4	657.4	658.2	0.8
V	33,236	118	357	2.7	659.9	659.9	660.7	0.8
W	34,300	69	212	4.6	664.5	664.5	665.5	1.0
X	35,075	49	121	8.0	669.1	669.1	669.2	0.1

¹Feet above confluence with Ranch Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

RANCH CREEK TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Ranch Creek Tributary A								
A	1,588	519	2,290	0.9	603.7	603.7	604.0	0.3
B	2,673	651	2,740	0.7	603.7	603.7	604.0	0.3
C	3,045	39	209	9.7	605.5	605.5	605.6	0.1
D	3,653	176	466	3.6	607.2	607.2	607.4	0.2
E	4,307	54	241	6.9	611.6	611.6	612.2	0.6
F	5,155	45	175	9.5	624.7	624.7	624.7	0.0
G	5,466	32	147	11.3	628.4	628.4	628.4	0.0
H	6,098	67	179	7.8	634.3	634.3	634.5	0.2
I	6,662	69	193	6.2	640.6	640.6	640.6	0.0
J	7,144	60	263	4.0	652.1	652.1	653.1	1.0
K	7,449	176	672	1.6	656.0	656.0	656.2	0.2
L	8,030	30	81	9.5	659.6	659.6	659.8	0.2
M	8,561	105	516	1.3	661.5	661.5	662.2	0.7
N	9,159	67	171	3.9	665.1	665.1	665.9	0.8
O	9,748	16	62	10.7	669.4	669.4	669.4	0.0
P	9,963	16	62	10.7	670.1	670.1	670.1	0.0

¹Feet above confluence with Ranch Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

RANCH CREEK TRIBUTARY A

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Ranch Creek Tributary B								
A	972	107	767	4.4	609.9	609.9	610.5	0.6
B	1,463	176	930	3.7	610.3	610.3	611.1	0.8
C	2,173	153	825	4.0	612.7	612.7	612.9	0.2
D	2,902	130	647	5.1	616.4	616.4	616.8	0.4
E	3,360	170	743	4.5	617.6	617.6	618.5	0.9
F	4,553	94	564	5.8	626.4	626.4	627.4	1.0
G	5,368	92	502	6.5	630.1	630.1	631.0	0.9
H	5,617	206	919	3.5	633.4	633.4	633.6	0.2
I	6,306	102	577	5.5	634.8	634.8	635.1	0.3
J	7,464	137	691	4.6	638.5	638.5	639.0	0.5
K	8,148	270	303	9.1	642.9	642.9	643.0	0.1
L	8,561	113	727	3.8	644.5	644.5	645.0	0.5
M	9,256	103	408	6.7	645.5	645.5	646.4	0.9
N	10,021	100	450	3.7	647.7	647.7	648.0	0.3
O	10,733	201	722	2.3	648.6	648.6	649.1	0.5

¹Feet above confluence with Ranch Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

RANCH CREEK TRIBUTARY B

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Red Fork Creek								
A	800	69	553	8.3	635.3	632.8 ²	632.8	0.0
B	1,325	43	372	12.4	637.0	635.7 ²	635.7	0.0
C	2,680	105	989	4.7	644.9	644.9	644.9	0.0
D	3,620	115	1,060	3.7	646.3	646.3	646.3	0.0

¹Feet above confluence with Cherry Creek (West Tulsa).

²Water-surface elevations computed without consideration of backwater effects from Cherry Creek (West Tulsa).

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

RED FORK CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Rolling Meadows Creek								
A	506	116	487	1.9	695.2	695.2	695.3	0.1
B	632	116	755	0.7	696.8	696.8	697.8	1.0
C	774	238	1,171	0.4	696.8	696.8	697.8	1.0
D	1,484	67	158	3.3	696.8	696.8	697.6	0.8
E	2,069	73	188	2.7	700.8	700.8	701.4	0.6
F	2,291	172	296	1.7	702.3	702.3	702.4	0.1
G	3,079	34	62	8.3	710.2	710.2	710.3	0.1
H	3,558	31	155	3.3	714.2	714.2	714.7	0.5
I	4,254	51	69	6.6	726.5	726.5	726.5	0.0
J	5,181	55	145	3.1	735.4	735.4	736.1	0.7
K	5,565	67	81	5.6	738.8	738.8	738.8	0.0

¹Feet above confluence with Coal Creek (West Tulsa).

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

ROLLING MEADOWS CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Sand Creek								
A-G ²								
H	4,952	686	1,093	4.8	688.9	688.9	688.9	0.0
I	6,012	94	358	5.9	695.0	695.0	695.9	0.9
J	7,316	62	262	8.0	703.8	703.8	704.2	0.4
K	8,004	45	233	8.1	709.3	709.3	709.6	0.3
L	8,788	48	216	8.8	713.4	713.4	713.5	0.1
M	9,783	70	511	3.7	722.0	722.0	722.5	0.5

¹Feet above confluence with Arkansas River.

²No floodway data.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

SAND CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Sequoyah Creek								
A	39	207	1,559	1.2	666.9	666.9	667.8	0.9
B	442	149	1,142	1.6	667.0	667.0	667.8	0.8
C	720	56	386	4.7	666.9	666.9	667.7	0.8
D	1,260	83	402	4.5	668.5	668.5	668.9	0.4
E	1,767	44	195	9.2	670.6	670.6	671.1	0.5
F	2,359	62	275	6.5	675.5	675.5	675.6	0.1
G	2,617	115	497	3.6	676.7	676.7	677.4	0.7
H	2,714	115	819	2.2	680.6	680.6	681.4	0.8
I	2,899	42	217	8.3	680.1	680.1	681.0	0.9
J	3,259	94	423	4.2	682.7	682.7	683.1	0.4
K	3,641	57	231	7.8	683.3	683.3	683.9	0.6
L	4,039	62	198	8.0	686.5	686.5	687.1	0.6
M	4,338	71	315	5.0	689.1	689.1	689.9	0.8
N	4,556	50	217	7.3	690.2	690.2	691.0	0.8
O	4,675	39	147	5.8	691.1	691.1	691.9	0.8
P	4,730	39	223	3.8	694.1	694.1	694.6	0.5
Q	4,945	99	520	1.6	694.4	694.4	694.9	0.5
R	5,182	195	735	1.2	694.4	694.4	695.0	0.6

¹ Feet above confluence with Broken Arrow Creek

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	SEQUOYAH CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Shady Grove Creek								
A	100	127	627	5.6	658.0	652.2 ²	653.2	1.0
B	1,080	96	765	4.6	658.0	656.4 ²	657.0	0.6
C	1,220	135	675	5.2	658.0	656.6 ²	657.2	0.6
D	1,600	115	581	6.0	658.3	658.3	659.1	0.8
E	2,090	126	812	4.3	660.7	660.7	661.4	0.7
F	2,575	120	685	5.1	661.6	661.6	662.5	0.9
G	2,960	118	818	4.3	662.5	662.5	663.4	0.9
H	3,450	110	608	5.7	663.3	663.3	664.1	0.8
I	3,610	171	868	4.0	663.8	663.8	664.8	1.0

¹Feet above confluence with Harlow Creek

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

SHADY GROVE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Shell Creek								
A	914	128	842	8.5	654.6	644.6 ²	644.6	0.0
B	2,789	200	2,477	2.9	657.8	657.8	658.0	0.2
C	3,464	391	3,556	2.0	658.4	658.4	658.8	0.4
D	4,114	183	1,863	3.8	659.0	659.0	659.6	0.6
E	5,164	629	4,095	1.7	660.1	660.1	660.8	0.7

¹Feet above confluence with Arkansas River.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

SHELL CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Skalall Creek Tributary								
A	270	59	532	8.0	641.2	630.8 ²	631.4	0.6
B	1,345	87	514	8.3	641.2	635.6 ²	636.0	0.4
C	3,960	215	1,682	2.5	641.2	639.3 ²	639.7	0.4
D	5,160	93	443	9.6	641.2	639.3 ²	640.2	0.9
E	6,160	89	910	4.7	648.2	648.2	649.1	0.9
F	6,840	138	1,238	3.4	649.0	649.0	649.9	0.9
G	8,320	142	688	6.2	652.9	652.9	653.4	0.5
H	9,235	87	432	9.8	656.7	656.7	657.4	0.7
I	9,870	125	646	6.6	660.9	660.9	661.9	1.0
J	10,370	146	811	5.2	663.2	663.2	664.1	0.9
K	10,875	115	545	7.8	664.9	664.9	665.7	0.8
L	11,680	195	806	3.6	669.0	669.0	670.0	1.0
M	12,605	72	378	7.6	673.0	673.0	674.0	1.0
N	13,200	46	247	11.6	678.4	678.4	679.1	0.7

¹ Feet above confluence with Skalall Creek.

² Elevations calculated without consideration to backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

SKALALL CREEK TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Skunk Creek								
A	202	131	1,036	6.0	635.9	628.4 ²	629.4	1.0
B	1,860	504	1,887	3.3	635.9	632.2 ²	632.6	0.4
C	4,172	585	5,574	1.1	635.9	632.9 ²	633.3	0.4
D	7,113	660	2,584	2.1	635.9	633.3 ²	633.9	0.6
E	8,413	385	2,055	2.7	635.9	634.2 ²	635.2	1.0
F	10,178	292	2,527	2.2	638.8	638.8	639.6	0.8
G	11,810	400	2,286	2.4	639.6	639.6	640.4	0.8
H	13,330	355	2,351	2.4	641.5	641.5	642.5	1.0
I	14,884	122	1,055	5.2	645.1	645.1	645.6	0.5
J	17,215	238	923	2.3	652.2	652.2	653.2	1.0
K	19,260	107	488	4.4	659.7	659.7	659.7	0.0
L	20,616	141	546	3.9	666.8	666.8	667.0	0.2

¹Feet above confluence with Bird Creek.

²Water-surface elevation computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

SKUNK CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Snake Creek								
A ²	1,151	3,871	46,789	0.7	598.1	598.1	599.1	1.0
B ³	3,306	6,045	26,776	1.2	598.5	598.5	599.3	0.8
C ³	4,007	6,508	23,661	1.4	598.7	598.7	599.4	0.7
D ³	5,393	8,910	39,007	1.5	599.5	599.5	600.0	0.5
E ³	7,541	11,402	54,413	1.4	599.9	599.9	600.4	0.5
F ³	9,008	11,593	52,800	2.0	600.3	600.3	600.7	0.4
G ³	10,852	10,322	71,182	1.6	602.8	602.8	603.4	0.6
H ³	11,560	9,841	67,637	1.2	602.8	602.8	603.5	0.7
I ³	12,241	9,908	70,054	0.7	602.9	602.9	603.5	0.6
J	12,951	9,688	69,267	0.7	602.9	602.9	603.5	0.6
K	14,379	8,305	52,466	0.9	602.9	602.9	603.6	0.7
L	15,149	7,636	44,008	1.1	603.0	603.0	603.7	0.7
M	15,816	7,192	39,932	1.2	603.0	603.0	603.7	0.7
N	17,231	6,336	37,302	1.3	603.1	603.1	603.8	0.7
O	17,999	6,290	42,121	1.1	603.2	603.2	603.9	0.7
P	19,453	6,181	41,977	1.1	603.2	603.2	604.0	0.8
Q	20,897	5,580	36,329	1.3	603.3	603.3	604.1	0.8
R	22,295	4,618	33,309	1.4	603.5	603.5	604.3	0.8
S	23,743	4,142	29,824	1.6	603.7	603.7	604.5	0.8
T	25,252	3,607	21,720	2.2	604.1	604.1	604.8	0.7

¹Feet above confluence with Arkansas River.

²Common cross section with Snake Creek Tributary.

³Common floodway with Snake Creek Tributary.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK
AND INCORPORATED AREAS

FLOODWAY DATA

SNAKE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Snake Creek (cont)								
U	26,295	3,876	27,020	1.7	604.4	604.4	605.1	0.7
V	27,700	3,400	22,294	2.1	604.7	604.7	605.4	0.7
W	28,500	3,600	34,873	1.5	604.9	604.9	605.5	0.6
X	31,301	4,425	29,551	1.7	605.8	605.8	606.3	0.5
Y ²	36,224	3,362	17,855	1.2	606.4	606.4	606.8	0.4
Z ²	36,699	2,563	12,816	1.6	606.5	606.5	606.9	0.4
AA ²	37,393	2,013	8,279	2.5	606.7	606.7	607.1	0.4
AB ²	38,152	1,580	6,602	3.2	607.1	607.1	607.5	0.4
AC	38,899	1,656	10,026	2.1	607.7	607.7	608.1	0.4
AD	39,650	2,234	13,252	1.6	608.0	608.0	608.4	0.4
AE	40,400	2,567	14,433	1.5	608.1	608.1	608.6	0.5
AF	41,781	2,735	15,681	1.3	609.9	609.9	609.9	0.0
AG	44,285	2,951	14,249	1.9	610.2	610.2	610.3	0.1
AH	46,514	3,450	14,301	1.9	610.8	610.8	610.9	0.1
AI	48,747	3,950	17,022	1.6	611.5	611.5	611.6	0.1

¹Feet above confluence with Arkansas River.

²Cross sections not shown on FIRM to maintain consistency with adjacent FIRM from August 3, 2009 effective study.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

SNAKE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Snake Creek Tributary								
A ²	1,151	3,871	46,789	0.7	598.1	598.1	599.1	1.0
B ³	3,306	6,045	26,776	1.2	598.5	598.5	599.3	0.8
C ³	4,007	6,508	23,661	1.4	598.7	598.7	599.4	0.7
D ³	5,393	8,910	39,007	1.5	599.5	599.5	600.0	0.5
E ³	7,541	11,402	54,413	1.4	599.9	599.9	600.4	0.5
F ³	9,008	11,593	52,800	2.0	600.3	600.3	600.7	0.4
G ³	10,852	10,322	71,182	1.6	602.8	602.8	603.4	0.6
H ³	11,560	9,841	67,637	1.2	602.8	602.8	603.5	0.7
I ³	12,241	9,908	70,054	0.7	602.9	602.9	603.5	0.6
J – R ⁴								

¹Feet above confluence with Arkansas River.

²Common cross section with Snake Creek.

³Common floodway with Snake Creek.

⁴No Floodway Data Available.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

TULSA COUNTY, OK
AND INCORPORATED AREAS

FLOODWAY DATA

SNAKE CREEK TRIBUTARY

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
South Fork Horse Creek								
A	2,423	70	338	5.3	633.8	631.0 ²	631.7	0.7
B	2,953	160	557	2.8	633.8	633.1 ²	633.6	0.5
C	3,428	194	1,032	1.5	635.7	635.7	636.7	1.0
D	4,358	150	446	3.3	639.0	639.0	639.8	0.8

¹Feet above confluence with Bird Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

SOUTH FORK HORSE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
South Fork Joe Creek								
A	348	57	328	7.4	653.9	648.2 ²	648.2	0.0
B	1,056	73	309	7.8	653.9	652.4 ²	652.4	0.0
C	1,611	75	313	7.7	655.6	655.6	655.6	0.0
D – G ³	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	5,433	29	179	8.5	682.5	682.5	682.5	0.0
I	6,678	30	138	9.8	691.5	691.5	691.5	0.0
J	6,804	29	175	7.7	694.3	694.3	694.3	0.0
K	7,264	37	212	6.1	701.6	701.6	701.6	0.0
L	7,852	57	220	5.8	706.5	706.5	706.5	0.0
M	8,114	31	178	7.2	707.7	707.7	707.7	0.0

¹Feet above confluence with Joe Creek

²Water surface elevations computed without consideration of backwater from Joe Creek.

³1% Annual chance discharges contained in the storm drain.

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK	
	AND UNINCORPORATED AREAS	SOUTH FORK JOE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
South Fork Little Joe Creek								
A	1,834	73	218	9.4	698.2	698.2	699.1	0.9
B	1,975	53	292	7.0	701.8	701.8	702.6	0.8
C	2,531	202	871	2.2	713.8	713.8	714.6	0.8
D	3,778	153	230	6.8	721.6	721.6	722.0	0.4
E	4,314	143	549	2.7	726.0	726.0	727.0	1.0

¹ Feet above confluence with Little Joe Creek

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	SOUTH FORK LITTLE JOE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Southpark Creek								
A	332	186	969	1.7	655.0	655.0	655.0	0.0
B	1,107	159	699	2.3	656.9	656.9	657.0	0.1
C	1,600	358	2,173	0.7	657.0	657.0	657.1	0.1
D	2,655	76	327	5.3	658.8	658.8	658.8	0.0
E	2,910	89	328	5.3	659.1	659.1	659.1	0.0
F	4,260	39	223	7.8	662.8	662.8	662.8	0.0
G	4,480	202	851	1.6	666.3	666.3	666.4	0.1
H	5,400	85	156	7.7	667.7	667.7	668.2	0.5
I	7,760	90	243	5.0	676.8	676.8	677.3	0.5
J	8,500	64	202	4.8	679.9	679.9	679.9	0.0
K	10,000	52	128	7.6	684.4	684.4	684.5	0.1

¹Feet above confluence with Mingo Creek.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

SOUTHPARK CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Spunky Creek								
L ²	61,327	643	2,052	2.4	654.2	654.2	654.4	0.2
M ²	62,325	441	2,438	2.3	657.8	657.8	657.8	0.0
A	62,761	1,210	2,380	1.6	660.3	660.3	660.4	0.1
B	63,918	455	1,352	3.1	661.8	661.8	661.9	0.1
C	66,386	344	1,292	2.6	667.6	667.6	668.5	0.9

¹ Feet above confluence with Verdigris River.

² Flooding effects in Tulsa County (stream centerline within Wagoner County)

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

SPUNKY CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
SPUNKY CREEK TRIBUTARY A								
A	8,450	110	657	2.8	635.6	635.6	636.3	0.7
B	9,010	78	225	7.7	636.8	636.8	637.2	0.4
C	10,367	105	449	3.8	646.5	646.5	647.5	1.0
D	11,867	108	443	3.8	652.8	652.8	652.9	0.1
E	13,430	70	353	4.8	659.1	659.1	659.9	0.8

¹ Feet above the confluence with Spunky Creek

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	SPUNKY CREEK TRIBUTARY A

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
SPUNKY CREEK TRIBUTARY B								
A	1,638	440	4,382	1.7	631.6	631.6	632.2	0.6
B	3,555	481	3,195	2.1	631.9	631.9	632.7	0.8
C	4,330	353	1,517	4.3	633.1	633.1	633.9	0.8
D	7,521	197	873	5.1	641.1	641.1	642.1	1.0
E	10,286	195	1,333	3.2	660.1	660.1	660.8	0.7
F	11,329	122	433	8.2	662.8	662.8	663.2	0.4
G	12,619	95	550	5.4	669.6	669.6	670.5	0.9

¹ Feet above the confluence with Spunky Creek

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	SPUNKY CREEK TRIBUTARY B

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
SPUNKY CREEK TRIBUTARY B-1								
A	1,532	140	744	2.9	637.4	637.4	638.1	0.7
B	2,762	152	506	4.3	642.0	642.0	642.2	0.2
C	5,830	162	579	3.6	652.1	652.1	652.8	0.7
D	6,641	159	466	4.5	654.7	654.7	655.3	0.6
E	8,236	46	226	9.3	667.9	667.9	668.4	0.5
F	8,902	112	296	4.7	673.5	673.5	673.7	0.2

¹ Feet above the confluence with Spunky Tributary B

TABLE 8	FEDERAL EMERGENCY MANAGEMENT AGENCY	FLOODWAY DATA
	TULSA COUNTY, OK AND INCORPORATED AREAS	SPUNKY CREEK TRIBUTARY B-1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (FEET NAVD 88)	WITHOUT FLOODWAY (FEET NAVD 88)	WITH FLOODWAY (FEET NAVD 88)	INCREASE (FEET)
Sugar Creek								
A	802	54	553	4.3	647.9	646.2 ²	647.0	0.8
B	1,037	50	565	4.2	647.9	647.2 ²	647.8	0.6
C	3,523	55	361	6.6	657.8	657.8	658.2	0.4
D	5,233	67	292	4.6	662.4	662.4	662.9	0.5
E	9,098	70	347	4.6	679.6	679.6	679.6	0.0
F	9,552	93	216	7.4	679.7	679.7	679.9	0.2
G	11,125	45	169	9.4	686.8	686.8	686.9	0.1

¹Feet above confluence with Mingo Creek.

²Water-surface elevations computed without consideration of backwater effects.

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY
TULSA COUNTY, OK
 AND INCORPORATED AREAS

FLOODWAY DATA

SUGAR CREEK