

**APPENDIX G**

**EROSION SUMMARY FOR IDENTIFIED “HOTSPOTS”**

NEOSHO RIVER “HOTSPOT” EROSION SUMMARY .....G-1  
COTTONWOOD RIVER “HOTSPOT” EROSION SUMMARY ..... G-2  
ALLEN CREEK “HOTSPOT” EROSION SUMMARY ..... G-3  
DOW CREEK “HOTSPOT” EROSION SUMMARY ..... G-3

**NEOSHO RIVER “HOTSPOT” EROSION SUMMARY**

Site ID	Erosion Area (Ft <sup>2</sup> )	Site Length (Ft)	Bank Height (Ft)	Erosion/Year (Ft)	Tons/Year	Tons/Ft/Year	Riparian Corridor
1	23508.30	828	21	1.89	1462.74	1.77	W
2	28069.20	797	21	2.35	1746.53	2.19	C
3	19174.30	380	21	3.36	1193.07	3.14	NW
4	14754.00	407	21	2.42	918.03	2.26	NW
5	13925.30	400	21	2.32	866.46	2.17	NW
6	37499.90	1020	21	2.45	2333.33	2.29	NW
7	23304.20	697	21	2.23	1450.04	2.08	NW
8	21084.70	732	21	1.92	1311.94	1.79	NW
9	28898.30	827	21	2.33	1798.12	2.17	NW
10	21017.30	631	21	2.22	1307.74	2.07	W/C
11	26410.90	753	21	2.34	1643.34	2.18	NW
12	33926.50	1095	21	2.07	2110.98	1.93	C
13	150996.00	773	21	13.02	9395.37	12.15	W
14	132570.00	1347	21	6.56	8248.80	6.12	C
15	19616.20	657	21	1.99	1220.56	1.86	W
16	26707.00	1063	21	1.67	1661.77	1.56	C
17	29489.80	1021	21	1.93	1834.92	1.80	NW
18	51344.50	1997	21	1.71	3194.77	1.60	C
19	70701.50	1367	21	3.45	4399.20	3.21	NW
20	41178.60	1083	21	2.53	2562.22	2.37	C
21	35697.90	1052	21	2.26	2221.20	2.11	NW
22	32744.10	1231	21	1.77	2037.41	1.66	NW
23	80755.60	1466	21	3.67	5024.79	3.43	C
24	81797.50	1935	21	2.82	5089.62	2.63	NW
25	44219.10	1371	21	2.15	2751.41	2.01	C
26	43223.10	1265	21	2.28	2689.44	2.13	NW
27	60855.80	2252	21	1.80	3786.58	1.68	NW
28	46369.40	1219	21	2.54	2885.21	2.37	NW
29	52704.00	1654	21	2.12	3279.36	1.98	NW
30	76831.00	2567	21	2.00	4780.60	1.86	NW
31	148461.00	2385	21	4.15	9237.57	3.87	NW
<b>Totals</b>	<b>1,517,835.00</b>	<b>36,272</b>	<b>-</b>	<b>88.33</b>	<b>94,443.12</b>	<b>82.44</b>	<b>-</b>
<b>Average</b>	<b>48,962.42</b>	<b>1170</b>	<b>21</b>	<b>2.85</b>	<b>3,046.55</b>	<b>2.66</b>	<b>-</b>

Notes:

C: Cropland

NW: Narrow Woodland

W: Woodland

**COTTONWOOD RIVER "HOTSPOT" EROSION SUMMARY**

Site ID	Erosion Area (Ft <sup>2</sup> )	Site Length (Ft)	Bank Height (Ft)	Erosion/Year (Ft)	Tons/Year	Tons/Ft/Year	Riparian Corridor
1	39155.30	487	24	5.36	2784.38	5.72	W
2	33628.60	726	24	3.09	2391.37	3.29	NW
3	27600.60	814	24	2.26	1962.71	2.41	C
4	28726.00	560	24	3.42	2042.74	3.65	NW
5	33379.40	923	24	2.41	2373.65	2.57	NW
6	13089.70	533	24	1.64	930.83	1.75	C
7	64936.90	1338	24	3.24	4617.73	3.45	C
8	40263.10	1119	24	2.40	2863.16	2.56	C
9	51419.20	949	24	3.61	3656.48	3.85	C
10	33936.50	1022	24	2.21	2413.27	2.36	C
11	28015.50	817	24	2.29	1992.21	2.44	NW
12	43877.50	1232	24	2.37	3120.18	2.53	C
13	49991.80	1228	24	2.71	3554.97	2.89	C
14	22169.60	859	24	1.72	1576.50	1.84	NW
15	47342.40	614	24	5.14	3366.57	5.48	W
16	8032.60	521	24	1.03	571.21	1.10	NW
17	62927.50	1545	24	2.72	4474.84	2.90	NW
18	30381.60	968	24	2.09	2160.47	2.23	NW
19	15856.80	850	24	1.24	1127.59	1.32	NW
20	9900.74	469	24	1.41	704.05	1.50	NW
21	15416.30	664	24	1.55	1096.27	1.65	NW
22	6824.69	330	24	1.38	485.31	1.47	NW
23	62417.60	1722	24	2.42	4438.58	2.58	NW
24	25004.00	804	24	2.07	1778.06	2.21	NW
25	11748.40	808	24	0.97	835.44	1.03	NW
26	14724.80	842	24	1.17	1047.10	1.24	C
27	17594.90	890	24	1.32	1251.19	1.41	C
28	48639.10	600	24	5.40	3458.78	5.76	C
29	4933.59	394	24	0.83	350.83	0.89	NW
30	27282.00	506	24	3.59	1940.05	3.83	C
31	21875.60	637	24	2.29	1555.60	2.44	W
32	16731.80	713	24	1.56	1189.82	1.67	C
33	20387.20	817	24	1.66	1449.76	1.77	NW
34	50384.20	1117	24	3.01	3582.88	3.21	GB
35	13790.00	659	24	1.40	980.62	1.49	NW
36	20725.60	835	24	1.65	1473.82	1.77	NW
37	8348.11	480	24	1.16	593.64	1.24	NW
38	9766.75	429	24	1.52	694.52	1.62	NW
39	11989.00	712	24	1.12	852.55	1.20	NW
40	22415.20	654	24	2.28	1593.97	2.44	C
<b>Totals</b>	<b>1,115,630.18</b>	<b>32,187</b>	<b>-</b>	<b>90.72</b>	<b>79,333.70</b>	<b>96.76</b>	<b>-</b>
<b>Average</b>	<b>27,890.75</b>	<b>805</b>	<b>24</b>	<b>2.27</b>	<b>1,983.34</b>	<b>2.42</b>	<b>-</b>

Notes:

C: Cropland

NW: Narrow Woodland

W: Woodland

GB: Grass Buffer

**ALLEN CREEK “HOTSPOT” EROSION SUMMARY**

Site ID	Erosion Area (Ft <sup>2</sup> )	Site Length (Ft)	Bank Height (Ft)	Erosion/Year (Ft)	Tons/Year	Tons/Ft/Year	Riparian Corridor
1	12270.60	520	15	1.57	545.36	1.05	NW
2	18713.60	802	15	1.56	831.71	1.04	C
3	5791.57	443	15	0.87	257.40	0.58	NW
4	3700.89	221	15	1.12	164.46	0.74	C
5	3838.70	230	15	1.11	170.61	0.74	C
<b>Totals</b>	<b>44,315.36</b>	<b>2,216</b>	<b>-</b>	<b>6.23</b>	<b>1,969.54</b>	<b>4.15</b>	<b>-</b>
<b>Average</b>	<b>8,863.07</b>	<b>443</b>	<b>15</b>	<b>1.25</b>	<b>393.91</b>	<b>0.83</b>	<b>-</b>

Notes:

C: Cropland

NW: Narrow Woodland

**DOW CREEK “HOTSPOT” EROSION SUMMARY**

Site ID	Erosion Area (Ft <sup>2</sup> )	Site Length (Ft)	Bank Height (Ft)	Erosion/Year (Ft)	Tons/Year	Tons/Ft/Year	Riparian Corridor
1	5,479.17	315	11	1.16	178.58	0.57	NW

Notes:

NW: Narrow Woodland