

**HWSD CANAL SYSTEM
POST DREDGE SURVEY plus ONE YEAR**

August 29, 2014
ARC Job # 14-08-07

CHANNEL	STATION		CHANNEL - (feet)			SILTING RATE	CUBIC YARDS		
			WIDTH	LENGTH	AREA	AVG DEPTH PER SQ. FT in ft.	-5 MLW	OVERDEPTH -6 MLW	TOTAL
CHANNEL 1A EXTENTION	(-)7+50	7+00	50	1450	72,500		2,926	2,019	4,945
<u>BEGINNING OF DREDGED CANAL SYSTEM</u>									
<u>ACCEPTANCE REACH 1</u>									
CHANNEL 1A	07+50	24+00	50	1,650	82,500	2.33	5,108	2,016	7,124
CHANNEL 1B	24+00.86	33+20	50	919	45,957	0.64	349	740	1,089
				2,569	128,457	1.73	5,457	2,756	8,213
<u>ACCEPTANCE REACH 2</u>									
CHANNEL 2A	00+00	08+32.71	50	833	41,636	0.30	105	360	465
CHANNEL 2B	08+50	12+98.49	50	466	23,289	0.45	269	123	392
CHANNEL 2C	13+00	16+00	50	1,134	56,711	0.09	24	169	193
CHANNEL 2D	16+50	25+11.78	50	1,378	68,878	0.30	344	411	755
				3,810	190,514	0.26	742	1,064	1,805
<u>ACCEPTANCE REACH 2</u>									
BASIN				400	29,713	0.26	85	201	286
<u>ACCEPTANCE REACH 3</u>									
CHANNEL 3A	00+00	07+50	50	750	37,500	0.25	140	202	342
CHANNEL 3B	08+00	17+83	50	1,033	51,650	0.29	173	383	556
				1,783	89,150	0.27	313	585	897
TOTAL MATERIAL SILTED IN SINCE DREDGE (cu yds)				8,562	437,833	0.69	6,597	4,605	11,202