

Analysis By Year Of Individual Permits Issued By The U.S. Army Corps Of Engineers In Charleston District

Year Permit Issued	Total Issued	Acres of Impacts in Issued Permits						Total Acres of Impact		Compensatory Mitigation in Issued Permits			
		Fill	Flood	Drain	Indirect	Clearcut	Dredge	Without Dredging	With Dredging	Acres	Banking Credits Used	Ratio 1	Ratio 2
Jan - May 1999	105	60.23	0.79	0.00	0.00	30.61	25.16	91.62	116.78	206.75	54.60	2.26	1.77
1998	256	379.49	24.36	"	0.00	3.61	532.48	407.46	939.94	931.38	62.77	2.29	0.99
1997	300	431.49	266.68	"	0.00	261.93	43.49	960.10	1,003.59	7,508.86	107.70	7.82	7.48
1996	270	500.19	10.39	"	0.79	18.70	222.41	530.07	752.48	478.67	0.40	0.90	0.64
1995	321	437.98	127.68	"	4.78	14.89	135.63	585.33	720.96	† 2,482.71	1.50	4.24	3.44
1994	282	255.14	253.24	"	27.00	18.75	80.50	554.13	634.63	3,074.08	0.00	5.55	4.84
1993	185	302.03	7.18	"	478.43	98.68	48.62	886.32	934.94	1,476.02	0.00	1.67	1.58
1992	265	184.66	0.00	"	65.50	0.00	7.26	250.16	257.42	756.48	1.00	3.02	2.94
1991	239	26.90	6.27	"	0.00	0.77	36.35	33.94	70.29	46.73	0.00	1.38	0.66
1990	239	32.33	0.00	"	0.00	0.00	21.23	32.33	53.56	0.00	0.00	0.00	0.00
1989	224	59.97	0.00	"	0.00	0.00	59.65	59.97	119.62	0.10	5.00	0.00	0.00
1988	221	8.13	0.00	"	75.00	0.00	66.76	83.13	149.89	183.90	0.00	2.21	1.23
1987	248	125.68	0.00	"	16.00	0.00	18.38	141.68	160.06	3.60	0.00	0.03	0.02
1986	257	17.67	0.00	"	66.00	0.00	35.24	83.67	118.91	2.90	0.00	0.03	0.02
1985	223	0.72	0.00	"	14.00	0.00	6.93	14.72	21.65	0.20	0.00	0.01	0.01
1984	211	25.59	0.00	"	0.00	0.00	14.00	25.59	39.59	1.30	0.00	0.05	0.03
1983	206	1.14	0.00	"	0.00	0.00	12.48	1.14	13.62	0.10	0.00	0.09	0.01
1900 - 1982	5,069	0.00	0.00	"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unknown	36	26.53	0.00	"	0.00	0.00	2.90	26.53	29.43	5.40	0.00	0.20	0.18
TOTALS	9,157	2,875.86	696.59	0.00	747.50	447.93	1,369.48	4,767.88	6,137.36	17,159.19	232.97	3.60	2.80
<i>NonZero Count</i>	<i>9,157</i>	<i>644</i>	<i>47</i>	<i>0</i>	<i>24</i>	<i>36</i>	<i>379</i>	<i>652</i>	<i>859</i>	<i>182</i>	<i>20</i>		
<i>Mean per Count</i>		<i>4.47</i>	<i>14.82</i>	<i>0</i>	<i>31.15</i>	<i>12.44</i>	<i>3.61</i>	<i>7.31</i>	<i>7.14</i>	<i>94.28</i>	<i>11.65</i>		

† The 1995 mitigation acres data in Kershaw County includes 400 acres in the Friend's Neck Mitigation Bank established under DA Permit 941X051.

$$\text{Ratio 1} = \frac{\text{Acres of Compensatory Mitigation}}{\text{Acres of Total Impacts Not Including Dredging}}$$

$$\text{Ratio 2} = \frac{\text{Acres of Compensatory Mitigation}}{\text{Acres of Total Impacts Including Dredging}}$$

Based on analysis of the Charleston District PERISS database of June 17, 1999. The database contains selected data on individual Department of the Army permits issued in Charleston District. Data entries, field definitions, etc., in the database are subject to addition, correction, or other revision at any time. Comparisons and conclusions should be made with due consideration. This presentation is offered only for discussion purposes. It is not guaranteed to be accurate or complete. The NonZero Count is the number of issued permits with one or more non-zero, non-null data values which contributed to the totals for that field. There were 9,157 issued permits of which 859 have non-zero data on impacts reported in the database. Mitigation Banking Credits are not equivalent to acres. Mitigation Bank acres used for a permit are not found in the database. Some permits include both use of banking credits and acres of other mitigation. There were 182 permits with mitigation acres data reported, 20 with report of banking credits used, and 190 permits with either acres of mitigation or banking credits reported in the database.