

**Volume Report
Subgrade vs. Sand Top**

	Area		Fill	OnGrade	Volume		Comp/Ratio		Compact		Export -Import	Change Per .1 Ft
	Total	Cut			Cut	Fill	Cut	Fill	Cut	Fill		
Canal Bottom	61,199	61,199	0	0	5,898	0	1.00	1.00	5,898	0	5,898	
	Sand/Marle	61,199			3,003		1.00		3,003		3,003	
	Shell	60,630			577		1.00		577		577	
	Clay	60,626			10,392		1.00		10,392		10,392	
	Sand Bottom	3,908			38		1.00		38		38	
			Canal Bottom Total:		19,908	0			19,908	0	19,908	227
Canal Bottom	59,279	59,279	0	0	7,443	0	1.00	1.00	7,443	0	7,443	
	Sand/Marle	59,279			1,441		1.00		1,441		1,441	
	Shell	59,279			3,136		1.00		3,136		3,136	
	Clay	59,279			8,089		1.00		8,089		8,089	
	Sand Bottom	0			0		1.00		0		0	
			Canal Bottom Total:		20,109	0			20,109	0	20,109	220
Canal Bottom	56,723	56,723	0	0	5,633	0	1.00	1.00	5,633	0	5,633	
	Sand/Marle	56,723			4,161		1.00		4,161		4,161	
	Shell	56,723			607		1.00		607		607	
	Clay	56,723			7,295		1.00		7,295		7,295	
	Sand Bottom	0			0		1.00		0		0	
			Canal Bottom Total:		17,696	0			17,696	0	17,696	210
Canal Bottom	55,983	55,983	0	0	3,263	0	1.00	1.00	3,263	0	3,263	
	Sand/Marle	2,151			25		1.00		25		25	
	Shell	831			11		1.00		11		11	
	Clay	0			0		1.00		0		0	
	Sand Bottom	0			0		1.00		0		0	
			Canal Bottom Total:		3,299	0			3,299	0	3,299	207
Canal Bottom	45,569	45,569	0	0	6,750	0	1.00	1.00	6,750	0	6,750	
	Sand/Marle	45,569			705		1.00		705		705	
	Shell	45,569			3,004		1.00		3,004		3,004	
	Clay	45,569			3,659		1.00		3,659		3,659	
	Sand Bottom	0			0		1.00		0		0	
			Canal Bottom Total:		14,118	0			14,118	0	14,118	169
Canal Bottom	28,270	28,270	0	0	2,162	0	1.00	1.00	2,162	0	2,162	
	Sand/Marle	28,270			2,092		1.00		2,092		2,092	
	Shell	28,270			2,523		1.00		2,523		2,523	
	Clay	28,270			1,898		1.00		1,898		1,898	
	Sand Bottom	0			0		1.00		0		0	
			Canal Bottom Total:		8,675	0			8,675	0	8,675	105
Canal Bottom	16,261	16,261	0	0	1,982	0	1.00	1.00	1,982	0	1,982	
	Sand/Marle	14,553			208		1.00		208		208	
	Shell	14,553			2,493		1.00		2,493		2,493	
	Clay	9,559			97		1.00		97		97	
	Sand Bottom	0			0		1.00		0		0	
			Canal Bottom Total:		4,780	0			4,780	0	4,780	60
Canal Bottom	872	872	0	0	82	0	1.00	1.00	82	0	82	
	Sand/Marle	872			26		1.00		26		26	
	Shell	872			99		1.00		99		99	
	Clay	839			75		1.00		75		75	
	Sand Bottom	335			18		1.00		18		18	
			Canal Bottom Total:		300	0			300	0	300	3
Canal Sub:	324,156	324,156	0	0	33,213	0			33,213	0	33,213	
	Sand/Marle	268,616			11,661				11,661		11,661	
	Shell	266,727			12,450				12,450		12,450	
	Clay	260,865			31,505				31,505		31,505	
	Sand Bottom	4,243			56				56		56	
			Total Canal:		88,885	0			88,885	0	88,885	1,201
Flat Area Between Phases	8,939	0	8,939	0	0	1,753	1.00	1.00	0	1,753	-1,753	
	Sand/Marle	0			0		1.00		0		0	
	Shell	0			0		1.00		0		0	
	Clay	0			0		1.00		0		0	
	Sand Bottom	0			0		1.00		0		0	
			Flat Area Between Phases Total:		0	1,753			0	1,753	-1,753	33
Perimeter Berm	300,731	69	300,659	3	1	32,171	1.00	1.00	1	32,171	-32,170	
	Sand/Marle	0			0		1.00		0		0	
	Shell	0			0		1.00		0		0	
	Clay	0			0		1.00		0		0	
	Sand Bottom	0			0		1.00		0		0	
			Perimeter Berm Total:		1	32,171			1	32,171	-32,170	1,114

	Area		Fill	OnGrade	Volume		Comp/Ratio		Compact		Export	Change Per .1 Ft
	Total	Cut			Cut	Fill	Cut	Fill	Cut	Fill		
Slope Grading	1,455,894	1,187,039	268,856	0	98,990	21,139	1.00	1.00	98,990	21,139	77,851	
	Sand/Marle	906,064			50,562		1.00		50,562		50,562	
	Shell	498,337			12,836		1.00		12,836		12,836	
	Clay	322,343			21,762		1.00		21,762		21,762	
	Sand Bottom	8,007			237		1.00		237		237	
			Slope Grading Total:		184,387	21,139			184,387	21,139	163,248	5,392
Slope Grading	11,621	11,621	0	0	1,524	0	1.00	1.00	1,524	0	1,524	
	Sand/Marle	5,702			44		1.00		44		44	
	Shell	4,828			86		1.00		86		86	
	Clay	116			1		1.00		1		1	
	Sand Bottom	0			0		1.00		0		0	
			Slope Grading Total:		1,655	0			1,655	0	1,655	43
Slope Grading	729,761	613,099	116,662	0	68,332	4,802	1.00	1.00	68,332	4,802	63,530	
	Sand/Marle	251,005			1,240		1.00		1,240		1,240	
	Shell	239,224			10,975		1.00		10,975		10,975	
	Clay	106,250			5,758		1.00		5,758		5,758	
	Sand Bottom	0			0		1.00		0		0	
			Slope Grading Total:		86,305	4,802			86,305	4,802	81,503	2,703
Slope Sub:	2,197,276	1,811,759	385,518	0	168,846	25,941			168,846	25,941	142,905	
	Sand/Marle	1,162,771			51,846				51,846		51,846	
	Shell	742,389			23,897				23,897		23,897	
	Clay	428,709			27,521				27,521		27,521	
	Sand Bottom	8,007			237				237		237	
			Total Slope:		272,347	25,941			272,347	25,941	246,406	8,138
Tie In Side Slopes	53,157	76	53,081	0	1	2,093	1.00	1.00	1	2,093	-2,092	
	Sand/Marle	0			0		1.00		0		0	
	Shell	0			0		1.00		0		0	
	Clay	0			0		1.00		0		0	
	Sand Bottom	0			0		1.00		0		0	
			Tie In Side Slopes Total:		1	2,093			1	2,093	-2,092	197
Tie In Side Slopes	42,161	11	42,150	0	0	1,490	1.00	1.00	0	1,490	-1,490	
	Sand/Marle	0			0		1.00		0		0	
	Shell	0			0		1.00		0		0	
	Clay	0			0		1.00		0		0	
	Sand Bottom	0			0		1.00		0		0	
			Tie In Side Slopes Total:		0	1,490			0	1,490	-1,490	156
Tie Sub:	95,318	87	95,231	0	1	3,583			1	3,583	-3,582	
	Sand/Marle	0			0				0		0	
	Shell	0			0				0		0	
	Clay	0			0				0		0	
	Sand Bottom	0			0				0		0	
			Total Tie:		1	3,583			1	3,583	-3,582	353
Regions Total	2,926,420	2,136,071	790,347	3	202,061	63,448			202,061	63,448	138,613	10,839
	Sand/Marle	1,431,387			63,507				63,507		63,507	
	Shell	1,009,116			36,347				36,347		36,347	
	Clay	689,574			59,026				59,026		59,026	
	Sand Bottom	12,250			293				293		293	
			Regions Total:		361,234	63,448			361,234	63,448	297,786	10,839
Unspecified	9,102,040	6,250,002	2,852,037	0	682,693	216,557	1.00	1.00	682,693	216,557	466,136	
	Sand/Marle	5,296,881			215,047		1.00		215,047		215,047	
	Shell	3,757,581			99,831		1.00		99,831		99,831	
	Clay	846,453			20,494		1.00		20,494		20,494	
	Sand Bottom	2			-1		1.00		-1		-1	
			Unspecified Total:		1,018,064	216,557			1,018,064	216,557	801,507	33,711
Job Total	12,028,460	8,386,073	3,642,384	3	884,754	280,005			884,754	280,005	604,749	
	Sand/Marle	6,728,268			278,554				278,554		278,554	
	Shell	4,766,697			136,178				136,178		136,178	
	Clay	1,536,027			79,520				79,520		79,520	
	Sand Bottom	12,252			292				292		292	
			Job Total:		1,379,298	280,005			1,379,298	280,005	1,099,293	44,550
Sectional Qtys	Plane Area	Slope Area	Depth	Volume								
Canal Bottom	59,279	59,279	0.000	0								
Canal Bottom	45,569	45,569	0.000	0								
Canal Bottom	56,723	56,723	0.000	0								
Canal Bottom	28,270	28,270	0.000	0								
Canal Sub:	189,841	189,841		0								

Sectional Qty's	Plane Area	Slope Area	Depth	Volume
Canal Bottom	55,983	55,983	0.000	0
Canal Bottom	872	872	0.000	0
Canal Bottom	61,199	61,199	0.000	0
Canal Bottom	16,261	16,261	0.000	0
Canal Sub:	134,315	134,315		0
Total Canal Sub:	324,156	324,156		0
Flat Area Between Phases	8,939	8,939	0.000	0
Perimeter Berm	300,731	317,025	0.000	0
Slope Grading	11,621	11,979	0.000	0
Slope Grading	729,761	763,519	0.000	0
Slope Grading	1,455,894	1,524,463	0.000	0
Slope Sub:	2,197,276	2,299,961		0
Tie In Side Slopes	42,161	44,438	0.000	0
Tie In Side Slopes	53,157	56,035	0.000	0
Tie Sub:	95,318	100,473		0
Sectional Total	2,926,420	3,050,554		0