

Eunice Canal Property-All Merch GIS Acres

Acres: 1761, Total plots: 362

SUMMARY REPORT - Pine

Class: Pine
Region: Coastal

PRODUCT								AVERAGE	
	TONS	CUNITS	MBF	CORDS	POSTS	BA	SPA	HT	DBHq
Planted Loblolly Sawtimber	532	0	47	162	0	0	0	2.4	12.7
Loblolly Pine (Natural) Sawtimber	61,824	17,265	8,505	18,274	0	37	23	3.0	17.3
Total Sawtimber	62,356	17,265	8,552	18,437	0	37	23		
Loblolly Pine (Natural) Poles	1,233	347	144	408	0	1	1	2.9	14.4
Total Poles	1,233	347	144	408	0	1	1		
Planted Loblolly Chip-n-saw	333	0	0	102	0	0	0	2.6	9.3
Loblolly Pine (Natural) Chip-n-saw	1,714	483	0	560	0	1	3	1.9	9.2
Total Chip-n-saw	2,046	483	0	661	0	2	3		
Planted Loblolly Pulpwood	312	87	0	103	0	0	0	3.6	8.1
Loblolly Pine (Natural) Pulpwood	9,337	2,531	0	3,081	0	7	23	1.9	7.3
Total Pulpwood	9,649	2,617	0	3,185	0	7	24		
Pine Topwood	6,392	1,737	0	2,412	0	0	0	0.0	0.0
Total Topwood	6,392	1,737	0	2,412	0	0	0		
Grand Total	81,677	22,449	8,696	25,103	0	46	51		

Report Date 6/14/2010

Pine Summary Report. Page 1 of 2

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SUMMARY REPORT - Pine

Class: Pine **Region:** Coastal

Per Acre Estimates

PRODUCT	TONS	CUNITS	MBF	CORDS	POSTS
Planted Loblolly Sawtimber	0.30	0.00	0.03	0.09	0.00
Loblolly Pine (Natural) Sawti	35.11	9.80	4.83	10.38	0.00
Total Sawtimber	35.41	9.80	4.86	10.47	0.00
Loblolly Pine (Natural) Poles	0.70	0.20	0.08	0.23	0.00
Total Poles	0.70	0.20	0.08	0.23	0.00
Planted Loblolly Chip-n-saw	0.19	0.00	0.00	0.06	0.00
Loblolly Pine (Natural) Chip-n	0.97	0.27	0.00	0.32	0.00
Total Chip-n-saw	1.16	0.27	0.00	0.38	0.00
Planted Loblolly Pulpwood	0.18	0.05	0.00	0.06	0.00
Loblolly Pine (Natural) Pulpw	5.30	1.44	0.00	1.75	0.00
Total Pulpwood	5.48	1.49	0.00	1.81	0.00
Pine Topwood	3.63	0.99	0.00	1.37	0.00
Total Topwood	3.63	0.99	0.00	1.37	0.00
Grand Total	46.38	12.75	4.94	14.26	0.00

Eunice Canal Property-All Merch GIS Acres
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SUMMARY REPORT - Hardwood

Class: **Region:**
Hardwood Coastal

<i>Totals Estimates</i>								AVERAGE	
PRODUCT	TONS	CUNITS	MBF	CORDS	POSTS	BA	SPA	HT	DBHq
Misc. Soft Hardwood Sawtimber	3,543	1,055	426	1,063	0	3	2	1.7	16.8
Misc. Hard Hardwood Sawtimber	1,931	509	198	491	0	2	1	1.3	16.7
Cypress Sawtimber	567	168	79	173	0	1	0	1.4	17.2
Water Oak Sawtimber	3,010	798	373	731	0	2	1	1.6	18.6
Total Sawtimber	9,051	2,530	1,075	2,458	0	8	5		
Misc. Soft Hardwood Pulpwood	10,867	3,595	0	4,337	0	10	24	1.9	8.8
Misc. Hard Hardwood Pulpwood	17,861	4,642	0	5,588	0	15	34	1.7	9.0
Total Pulpwood	28,728	8,236	0	9,925	0	25	58		
Hdwd Topwood	2,418	580	0	806	0	0	0	0.0	0.0
Total Topwood	2,418	580	0	806	0	0	0		
Grand Total	40,197	11,347	1,075	13,189	0	33	63		

<i>Per Acre Estimates</i>						
PRODUCT	TONS	CUNITS	MBF	CORDS	POSTS	
Misc. Soft Hardwood Sawtim	2.01	0.60	0.24	0.60	0.00	
Misc. Hard Hardwood Sawtim	1.10	0.29	0.11	0.28	0.00	
Cypress Sawtimber	0.32	0.10	0.05	0.10	0.00	
Water Oak Sawtimber	1.71	0.45	0.21	0.42	0.00	
Total Sawtimber	5.14	1.44	0.61	1.40	0.00	
Misc. Soft Hardwood Pulpwo	6.17	2.04	0.00	2.46	0.00	
Misc. Hard Hardwood Pulpwo	10.14	2.64	0.00	3.17	0.00	
Total Pulpwood	16.31	4.68	0.00	5.64	0.00	
Hdwd Topwood	1.37	0.33	0.00	0.46	0.00	
Total Topwood	1.37	0.33	0.00	0.46	0.00	
Grand Total	22.83	6.44	0.61	7.49	0.00	

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Hardwood Summary Report. Page 1 of 1

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Stand and Stocking Report

Loblolly Pine (Natural) Sawtimber

TOTAL TREES

DBH	1	1_5	2	2_5	3	3_5	4	4_5	Total
12	535	681	973	1,168	1,070	584	292	49	5,352
13	0	49	0	0	0	49	0	0	98
14	195	486	1,119	924	1,654	1,265	1,119	97	6,859
16	292	341	486	1,216	2,238	2,092	1,216	195	8,076
17	0	0	0	0	0	97	0	0	97
18	146	243	389	1,070	1,995	3,065	1,946	195	9,049
19	0	0	0	49	0	0	0	0	49
20	0	97	292	389	1,459	2,092	1,119	0	5,448
21	0	0	0	0	0	49	0	0	49
22	97	49	49	389	876	1,265	389	0	3,114
24	0	49	0	97	146	584	49	0	925
26	0	0	0	0	146	97	97	0	340
28	0	0	0	49	0	0	49	0	98
30	0	0	0	0	97	0	0	0	97
	1,265	1,995	3,308	5,351	9,681	11,239	6,276	536	39,651

VOLUMES

DBH	Trees	TOTALS				PER ACRE				PER TREE				
		Tons	Cunits	MBF	Posts	Trees	Tons	Cunits	MBF	Posts	Tons	Cunits	BF	Posts
12	5351	3474.5	979.6	269.7	0	3.0	2.0	0.6	0.2	0.0	0.6	0.2	50.4	0.0
13	97	74.6	21.0	6.5	0	0.1	0.0	0.0	0.0	0.0	0.8	0.2	67.3	0.0
14	6859	6860.5	1935.7	666.0	0	3.9	3.9	1.1	0.4	0.0	1.0	0.3	97.1	0.0
16	8075	10832.8	3042.5	1273.5	0	4.6	6.2	1.7	0.7	0.0	1.3	0.4	157.7	0.0
17	97	165.7	46.7	20.4	0	0.1	0.1	0.0	0.0	0.0	1.7	0.5	209.5	0.0
18	9048	15933.6	4460.1	2160.1	0	5.1	9.0	2.5	1.2	0.0	1.8	0.5	238.7	0.0
19	49	75.1	20.6	11.9	0	0.0	0.0	0.0	0.0	0.0	1.5	0.4	244.1	0.0

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20	5448	11766.1	3274.7	1812.0	0	3.1	6.7	1.9	1.0	0.0	2.2	0.6	332.6	0.0
21	49	121.9	33.9	19.6	0	0.0	0.1	0.0	0.0	0.0	2.5	0.7	402.1	0.0
22	3113	7740.5	2138.6	1332.0	0	1.8	4.4	1.2	0.8	0.0	2.5	0.7	427.8	0.0
24	924	2750.9	757.1	513.9	0	0.5	1.6	0.4	0.3	0.0	3.0	0.8	556.0	0.0
26	341	1236.1	339.7	245.0	0	0.2	0.7	0.2	0.1	0.0	3.6	1.0	719.4	0.0
28	97	384.7	105.0	81.6	0	0.1	0.2	0.1	0.0	0.0	4.0	1.1	838.5	0.0
30	97	407.3	110.0	92.7	0	0.1	0.2	0.1	0.1	0.0	4.2	1.1	953.1	0.0
39,647		61,824.3	17,265.1	8,504.9	0.0	22.5	35.1	9.8	4.8	0.0				

Average Height	3.0301	Form Class	80
Basal Area	36.5595	Log Rule	D-Doyle
Cunits/MBF	2.03	Origin	N
Cunits/Tree	0.4355	Plot Size	10
MBF/Tree	0.2145	Plot Type	F-FIXED
Posts/Tree	0	Region	C-Coastal
Quadratic Mean DBH	17.2551		
Tons/MBF	7.2692		
Tons/Tree	1.5594		
Topwood Cords	2062.7078		
Topwood Tons	5981.8526		

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Stand and Stocking Report - Loblolly Pine (Natural) Sawtimber. Page 2 of 2

**Eunice Canal Property-All Merch GIS Acres
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Stand and Stocking Report

Loblolly Pine (Natural) Chip-n-saw

TOTAL TREES

DBH	1	1.5	2	2.5	3	3.5	4.5	Total
8	778	681	389	292	97	0	0	2,237
10	584	584	778	681	292	97	97	3,113
	1,362	1,265	1,167	973	389	97	97	5,350

VOLUMES

DBH	Trees	TOTALS				PER ACRE				PER TREE				
		Tons	Cunits	Cords	Posts	Trees	Tons	Cunits	Cords	Posts	Tons	Cunits	Cords	Posts
8	2238	477.2	134.1	163.3	0	1.3	0.3	0.1	0.1	0.0	0.2	0.1	0.1	0.0
10	3113	1236.5	348.6	396.2	0	1.8	0.7	0.2	0.2	0.0	0.4	0.1	0.1	0.0
	5,351	1,713.7	482.7	559.5	0.0	3.0	1.0	0.3	0.3	0.0				

Average Height	1.8636	Form Class	80
Basal Area	1.4071	Log Rule	D-Doyle
Cords/Tree	0.1046	Origin	N
CUnits/Cord	0.8627	Plot Size	20
Cunits/Tree	0.0902	Plot Type	F-FIXED
Posts/Tree	0	Region	C-Coastal
Quadratic Mean DBH	9.2144		
Tons/Cord	3.0629		
Tons/Tree	0.3203		

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Stand and Stocking Report

Loblolly Pine (Natural) Pulpwood

TOTAL TREES

DBH	1	1.5	2	2.5	3	3.5	4	4.5	5	Total
4	7394	2,627	973	0	0	0	0	0	0	10,994
5	97	0	0	0	0	0	0	0	0	97
6	2140	3,794	4,086	3,211	778	0	0	0	0	14,009
8	292	1,459	2,530	2,238	1,849	584	97	0	0	9,049
9	0	0	97	0	0	0	0	0	0	97
10	97	486	778	973	1,265	195	97	0	0	3,891
11	0	0	0	0	0	0	97	0	0	97
12	0	97	292	0	973	97	97	0	97	1,653
14	0	0	97	0	97	97	0	0	0	291
16	0	97	0	0	97	0	97	97	0	388
18	0	0	0	0	0	0	0	97	0	97
20	0	0	97	0	0	0	0	0	97	194
	10,020	8,560	8,950	6,422	5,059	973	485	194	194	40,857

VOLUMES

DBH	Trees	TOTALS				PER ACRE				PER TREE				
		Tons	Cunits	Cords	Posts	Trees	Tons	Cunits	Cords	Posts	Tons	Cunits	Cords	Posts
4	10994	410.1	112.6	147.4	0	6.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
5	97	6.2	1.7	2.1	0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
6	14010	2061.8	559.2	660.0	0	8.0	1.2	0.3	0.4	0.0	0.1	0.0	0.0	0.0
8	9048	2541.2	689.5	845.1	0	5.1	1.4	0.4	0.5	0.0	0.3	0.1	0.1	0.0
9	97	29.5	8.0	10.1	0	0.1	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.0
10	3892	1689.8	440.8	568.1	0	2.2	1.0	0.3	0.3	0.0	0.4	0.1	0.1	0.0
11	97	72.8	20.0	24.3	0	0.1	0.0	0.0	0.0	0.0	0.7	0.2	0.2	0.0
12	1654	1153.4	316.9	379.3	0	0.9	0.7	0.2	0.2	0.0	0.7	0.2	0.2	0.0
14	292	265.8	73.4	85.8	0	0.2	0.2	0.0	0.0	0.0	0.9	0.3	0.3	0.0

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16	389	501.4	139.4	162.6	0	0.2	0.3	0.1	0.1	0.0	1.3	0.4	0.4	0.0
18	97	202.6	56.7	66.4	0	0.1	0.1	0.0	0.0	0.0	2.1	0.6	0.7	0.0
20	195	402.4	112.9	130.3	0	0.1	0.2	0.1	0.1	0.0	2.1	0.6	0.7	0.0
40,863		9,337.1	2,530.9	3,081.4	0.0	23.2	5.3	1.4	1.7	0.0				

Average Height	1.9381	Form Class	78
Basal Area	6.7329	Log Rule	D-Doyle
Cords/Tree	0.0754	Origin	N
CUnits/Cord	0.8213	Plot Size	20
Cunits/Tree	0.0619	Plot Type	F-FIXED
Posts/Tree	0	Region	C-Coastal
Quadratic Mean DBH	7.2939		
Tons/Cord	3.0301		
Tons/Tree	0.2285		

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Stand and Stocking Report

Loblolly Pine (Natural) Poles

TOTAL TREES

DBH	2	2_5	3	3_5	Total
10	97	0	0	0	97
12	0	195	0	0	195
14	0	49	341	49	439
16	0	0	146	146	292
18	0	0	0	49	49
19	0	0	0	49	49
	97	244	487	293	1,121

VOLUMES

DBH	Trees	TOTALS			PER ACRE			PER TREE					
		Tons	Cunits	Posts	Tons	Cunits	MBF	Trees	Posts	Tons	Cunits	BF	Posts
10	97	38.1	10.7	2.5	0	0.1	0.0	0.0	0.0	0.4	0.1	25.5	0.0
12	195	129.8	36.5	11.2	0	0.1	0.1	0.0	0.0	0.7	0.2	57.6	0.0
14	438	455.6	128.6	48.7	0	0.2	0.3	0.1	0.0	1.0	0.3	111.1	0.0
16	292	416.4	117.2	52.8	0	0.2	0.2	0.1	0.0	1.4	0.4	180.8	0.0
18	49	92.0	25.8	13.3	0	0.0	0.1	0.0	0.0	1.9	0.5	273.0	0.0
19	49	101.5	28.4	15.7	0	0.0	0.1	0.0	0.0	2.1	0.6	322.4	0.0
	1,119	1,233.4	347.3	144.1	0.0	0.6	0.7	0.2	0.1	0.0	0.0	0.0	0.0

Average Height	2.9348
Basal Area	0.717
Cunits/MBF	2.41
Cunits/Tree	0.3104
MBF/Tree	0.1288
Posts/Tree	0
Quadratic Mean DBH	14.3841
Tons/MBF	8.56
Tons/Tree	1.1023
Topwood Cords	81.8878
Topwood Tons	237.4747

Form Class	82
Log Rule	D-Doyle
Origin	N
Plot Size	10
Plot Type	F-FIXED
Region	C-Coastal

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Stand and Stocking Report

NA

**Eunice Canal Property-All Merch GIS Acres
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Stand and Stocking Report

Planted Loblolly Sawtimber

TOTAL TREES

DBH	1_5	2	2_5	3	3_5	Total
12	97	146	195	0	49	487
14	49	0	49	49	97	244
	146	146	244	49	146	731

VOLUMES

DBH	TOTALS			PER ACRE			PER TREE		
	Trees	Tons	Cunits	Trees	Tons	Cunits	Trees	Tons	Cunits
12	486	294.6	0.0	0	0.3	0.2	0.0	0.0	0.0
14	243	237.1	0.0	0	0.1	0.1	0.0	0.0	0.0
	730	531.7	0.0	0	0.4	0.3	0.0	0.0	0.0

Average Height	2.4333	Form Class	80
Basal Area	0.3644	Log Rule	D-Doyle
Cunits/Tree	0	Origin	P
MBF/Tree	0.0646	Plot Size	10
Posis/Tree	0	Plot Type	F-FIXED
Quadratic Mean DBH	12.6987	Region	C-Coastal
Tons/MBF	11.2769		
Tons/Tree	0.7287		
Topwood Cords	59.5124		
Topwood Tons	172.586		

**Eunice Canal Property-All Merch GIS Acres
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Stand and Stocking Report

Planted Loblolly Chip-n-saw

TOTAL TREES

DBH	1.5	2.5	3	3.5	Total
8	97	0	195	0	292
10	97	195	97	97	486
	194	195	292	97	778

VOLUMES

DBH	TOTALS				PER ACRE				PER TREE					
	Trees	Tons	Cunits	Posts	Trees	Tons	Cunits	Posts	Tons	Cunits	Posts	Tons	Cunits	Posts
8	292	92.5	0.0	28.6	0	0.2	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.1
10	486	240.2	0.0	73.3	0	0.3	0.1	0.0	0.0	0.0	0.0	0.5	0.0	0.2
	778	332.7	0.0	102.0	0.0	0.4	0.2	0.0	0.1	0.0	0.0			

Average Height	2.5625	Form Class	80
Basal Area	0.2084	Log Rule	D-Doyle
Cords/Tree	0.131	Origin	P
Cunits/Tree	0	Plot Size	20
Posts/Tree	0	Plot Type	F-FIXED
Quadratic Mean DBH	9.2983	Region	C-Coastal
Tons/Cord	3.263		
Tons/Tree	0.4274		

**Eunice Canal Property-All Merch GIS Acres
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Stand and Stocking Report

Planted Loblolly Pulpwood

TOTAL TREES

DBH	2.5	3	3.5	4	4.5	Total
6	0	97	0	0	0	97
8	97	97	97	97	195	583
10	0	0	0	97	0	97
	97	194	97	194	195	777

VOLUMES

DBH	Trees	TOTALS					PER ACRE					PER TREE				
		Tons	Cumits	Cords	Posts	Trees	Tons	Cumits	Cords	Posts	Tons	Cumits	Cords	Posts		
6	97	20.5	5.5	6.4	0	0.1	0.0	0.0	0.0	0.2	0.1	0.1	0.0			
8	584	230.6	64.3	76.4	0	0.3	0.1	0.0	0.0	0.4	0.1	0.1	0.0			
10	97	60.7	16.7	20.5	0	0.1	0.0	0.0	0.0	0.6	0.2	0.2	0.0			
	778	311.7	86.5	103.3	0.0	0.4	0.2	0.0	0.1	0.0	0.0	0.0	0.0			

Average Height	3.625	Form Class	78
Basal Area	0.1566	Log Rule	D-Doyle
Cords/Tree	0.1328	Origin	P
CUnits/Cord	0.8372	Plot Size	20
Cumits/Tree	0.1111	Plot Type	F-FIXED
Posts/Tree	0	Region	C-Coastal
Quadratic Mean DBH	8.0603		
Tons/Cord	3.0167		
Tons/Tree	0.4005		

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Stand and Stocking Report

Water Oak Sawtimber

TOTAL TREES

DBH	1	1.5	2	2.5	3.5	Total
14	389	146	97	0	0	632
16	146	146	195	0	49	536
18	49	97	97	0	0	243
20	97	49	49	49	0	244
22	49	97	49	146	0	341
24	0	49	97	0	0	146
28	0	0	49	0	0	49
32	0	49	0	0	0	49
	730	633	633	195	49	2,240

VOLUMES

DBH	Trees	TOTALS				PER ACRE				PER TREE				
		Tons	Cunits	MBF	Posts	Trees	Tons	Cunits	MBF	Posts	Tons	Cunits	BF	Posts
14	632	391.7	102.6	35.0	0	0.4	0.2	0.1	0.0	0.0	0.6	0.2	55.4	0.0
16	535	538.8	142.1	54.7	0	0.3	0.3	0.1	0.0	0.0	1.0	0.3	102.1	0.0
18	243	296.7	78.4	34.2	0	0.1	0.2	0.0	0.0	0.0	1.2	0.3	140.8	0.0
20	243	364.6	96.7	45.7	0	0.1	0.2	0.1	0.0	0.0	1.5	0.4	187.8	0.0
22	341	711.0	189.4	96.0	0	0.2	0.4	0.1	0.1	0.0	2.1	0.6	281.9	0.0
24	146	353.1	94.2	50.4	0	0.1	0.2	0.1	0.0	0.0	2.4	0.6	345.6	0.0
28	49	171.5	46.0	26.7	0	0.0	0.1	0.0	0.0	0.0	3.5	0.9	549.2	0.0
32	49	182.7	49.0	29.9	0	0.0	0.1	0.0	0.0	0.0	3.8	1.0	614.8	0.0
2,238		3,010.1	798.4	372.7	0.0	1.3	1.7	0.5	0.2	0.0				

Average Height	1.6087
Basal Area	2.3956
Cunits/MBF	2.1425
Cunits/Tree	0.3568
MBF/Tree	0.1665
Posts/Tree	0
Quadratic Mean DBH	18.5919
Tons/MBF	8.0772
Tons/Tree	1.3452
Topwood Cords	233.1288
Topwood Tons	676.0735

Form Class	78
Log Rule	D-Doyle
Origin	N
Plot Size	10
Plot Type	F-FIXED
Region	C-Coastal

Report Date 6/14/2010

Timber Estimates represented are based on statistical sampling and cannot be guaranteed by Larson & McGowin, Inc.
 Data compiled with ForestPro Compiler version 10.60 Larson & McGowin, Inc.

Eunice Canal Property-All Merch GIS Acres

Acres: 1761, Total plots: 362

Stand and Stocking Report

Cypress Sawtimber

TOTAL TREES

DBH	1	1.5	2	Total
14	146	49	0	195
16	146	0	97	243
18	0	49	0	49
20	49	49	49	147
24	0	49	0	49
	341	196	146	683

VOLUMES

DBH	Trees	TOTALS			PER ACRE			PER TREE			
		Tons	Cunits	Posts	Tons	Cunits	MBF	Tons	Cunits	BF	Posts
14	195	93.8	27.5	10.0	0.1	0.1	0.0	0.5	0.1	51.5	0.0
16	243	176.8	52.3	21.8	0.1	0.1	0.0	0.7	0.2	89.7	0.0
18	49	46.9	13.9	6.6	0.0	0.0	0.0	1.0	0.3	135.4	0.0
20	146	169.9	50.7	26.4	0.1	0.1	0.0	1.2	0.3	180.7	0.0
24	49	79.9	23.9	14.5	0.0	0.0	0.0	1.6	0.5	298.4	0.0
	681	567.2	168.4	79.3	0.4	0.3	0.1	0.0	0.1	0.0	0.0

Average Height	1.3571
Basal Area	0.6271
Cunits/MBF	2.1235
Cunits/Tree	0.2473
MBF/Tree	0.1164
Posts/Tree	0
Quadratic Mean DBH	17.242
Tons/MBF	7.1524
Tons/Tree	0.8328
Topwood Cords	66.451
Topwood Tons	192.708

Form Class	78
Log Rule	D-Doyle
Origin	N
Plot Size	10
Plot Type	F-FIXED
Region	C-Coastal

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**Eunice Canal Property-All Merch GIS Acres
Acres: 1761, Total plots: 362**

Stand and Stocking Report

Misc. Hard Hardwood Sawtimber

TOTAL TREES

DBH	1	1.5	2	2.5	Total
14	827	195	0	97	1,119
15	0	49	0	0	49
16	243	0	0	49	292
18	97	146	49	0	292
20	97	0	0	0	97
22	97	97	49	0	243
24	97	0	0	0	97
1,458	487	98	146	2,189	

VOLUMES

DBH	Trees	TOTALS				PER ACRE				PER TREE				
		Tons	Cunits	MBF	Posts	Trees	Tons	Cunits	MBF	Posts	Tons	Cunits	BF	Posts
14	1119	670.9	175.7	54.9	0	0.6	0.4	0.1	0.0	0.0	0.6	0.2	49.1	0.0
15	49	39.4	10.4	3.5	0	0.0	0.0	0.0	0.0	0.0	0.8	0.2	71.4	0.0
16	292	232.5	61.1	22.1	0	0.2	0.1	0.0	0.0	0.0	0.8	0.2	75.6	0.0
18	292	326.2	86.1	34.9	0	0.2	0.2	0.0	0.0	0.0	1.1	0.3	119.4	0.0
20	97	105.4	27.8	12.2	0	0.1	0.1	0.0	0.0	0.0	1.1	0.3	125.4	0.0
22	243	404.1	107.3	50.4	0	0.1	0.2	0.1	0.0	0.0	1.7	0.4	207.3	0.0
24	97	152.4	40.4	19.7	0	0.1	0.1	0.0	0.0	0.0	1.6	0.4	202.8	0.0
2,189		1,930.9	508.7	197.7	0.0	1.2	1.1	0.3	0.1	0.0				

Average Height	1.2556
Basal Area	1.8952
Cunits/MBF	2.5734
Cunits/Tree	0.2324
MBF/Tree	0.0903
Posts/Tree	0
Quadratic Mean DBH	16.7192
Tons/MBF	9.7672
Tons/Tree	0.882
Topwood Cords	205.0979
Topwood Tons	594.7838

Form Class	76
Log Rule	D-Doyle
Origin	N
Plot Size	10
Plot Type	F-FIXED
Region	C-Coastal

Report Date 6/14/2010

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Eunice Canal Property-All Merch GIS Acres
 Acres: 1761, Total plots: 362

Stand and Stocking Report

Misc. Soft Hardwood Sawtimber

TOTAL TREES

DBH	1	1.5	2	2.5	3	5	Total
14	632	389	243	49	49	49	1,411
16	97	438	97	341	0	0	973
18	146	195	389	146	0	0	876
20	49	0	195	0	0	0	244
22	49	97	97	0	0	0	243
24	49	49	0	0	0	0	98
	1,022	1,168	1,021	536	49	49	3,845

VOLUMES

DBH	Trees	TOTALS				PER ACRE				PER TREE				
		Tons	Cunits	MBF	Posts	Trees	Tons	Cunits	MBF	Posts	Tons	Cunits	BF	Posts
14	1411	869.2	256.9	79.8	0	0.8	0.5	0.1	0.0	0.0	0.6	0.2	56.6	0.0
16	973	882.8	262.7	96.4	0	0.6	0.5	0.1	0.1	0.0	0.9	0.3	99.1	0.0
18	876	970.0	289.5	123.5	0	0.5	0.6	0.2	0.1	0.0	1.1	0.3	141.0	0.0
20	243	327.1	97.9	46.6	0	0.1	0.2	0.1	0.0	0.0	1.3	0.4	191.8	0.0
22	243	355.8	106.6	55.8	0	0.1	0.2	0.1	0.0	0.0	1.5	0.4	229.3	0.0
24	97	138.0	41.2	23.4	0	0.1	0.1	0.0	0.0	0.0	1.4	0.4	240.5	0.0
	3,843	3,542.8	1,054.8	425.5	0.0	2.2	2.0	0.6	0.2	0.0				

Average Height	1.7025
Basal Area	3.3443
Cunits/MBF	2.4788
Cunits/Tree	0.2745
MBF/Tree	0.1107
Posts/Tree	0
Quadratic Mean DBH	16.7624
Tons/MBF	8.3257
Tons/Tree	0.9219
Topwood Cords	328.9703
Topwood Tons	954.0139

Form Class	76
Log Rule	D-Doyle
Origin	N
Plot Size	10
Plot Type	F-FIXED
Region	C-Coastal

Report Date 6/14/2010

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Stand and Stocking Report - Misc. Soft Hardwood Sawlumber. Page 2 of 2

**Eunice Canal Property-All Merch GIS Acres
Acres: 1761, Total plots: 362**

Stand and Stocking Report

Misc. Soft Hardwood Pulpwood

TOTAL TREES

DBH	1	1.5	2	2.5	3	3.5	4	Total
6	6324	7,881	3,308	778	292	0	0	18,583
8	778	2,335	3,503	1,849	681	97	0	9,243
10	0	1,265	2,043	1,946	1,168	292	0	6,714
12	97	584	778	1,168	1,362	486	292	4,767
14	0	97	292	195	97	97	292	1,070
16	0	0	195	0	195	0	97	487
18	0	0	195	97	0	0	195	487
20	0	0	0	0	0	97	0	97
22	0	0	97	97	0	0	0	194
	7,199	12,162	10,411	6,130	3,795	1,069	876	41,642

VOLUMES

DBH	Trees	TOTALS				PER ACRE				PER TREE			
		Tons	Cunits	Posts	Trees	Tons	Cunits	Cords	Posts	Tons	Cunits	Cords	Posts
6	18583	1611.9	589.7	749.6	0	10.6	0.9	0.3	0.4	0.0	0.0	0.0	0.0
8	9243	1977.4	646.6	771.0	0	5.2	1.1	0.4	0.4	0.0	0.0	0.1	0.0
10	6713	2438.0	752.0	923.5	0	3.8	1.4	0.4	0.5	0.0	0.0	0.4	0.1
12	4767	2610.2	812.3	996.3	0	2.7	1.5	0.5	0.6	0.0	0.0	0.5	0.2
14	1070	803.9	265.4	313.4	0	0.6	0.5	0.2	0.2	0.0	0.0	0.8	0.2
16	486	452.7	158.6	180.4	0	0.3	0.3	0.1	0.1	0.0	0.0	0.9	0.3
18	486	561.9	206.5	229.7	0	0.3	0.3	0.1	0.1	0.0	0.0	1.2	0.4
20	97	156.0	59.3	65.1	0	0.1	0.1	0.0	0.0	0.0	0.0	1.6	0.6
22	195	255.1	104.6	108.0	0	0.1	0.1	0.1	0.1	0.0	0.0	1.3	0.5
	41,641	10,867.0	3,594.9	4,337.1	0.0	23.6	6.2	2.0	2.5	0.0	0.0	23.6	6.2

Report Date 6/14/2010

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Average Height	1.9264
Basal Area	10.0402
Cords/Tree	0.1042
CUnits/Cord	0.8289
Cunits/Tree	0.0863
Posts/Tree	0
Quadratic Mean DBH	8.8233
Tons/Cord	2.5056
Tons/Tree	0.261

Form Class	76
Log Rule	D-Doyle
Origin	N
Plot Size	20
Plot Type	F-FIXED
Region	C-Coastal

Report Date 6/14/2010

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Stand and Stocking Report - Misc. Soft Hardwood Pulpwood. Page 2 of 2

Eunice Canal Property-All Merch GIS Acres
Acres: 1761, Total plots: 362

Stand and Stocking Report

Misc. Hard Hardwood Pulpwood

TOTAL TREES

DBH	1	1.5	2	2.5	3	3.5	4	Total
6	9632	11,675	2,724	97	0	0	0	24,128
8	3405	5,254	6,129	2,238	292	0	0	17,318
9	0	97	0	0	0	0	0	97
10	584	1,362	4,184	2,627	292	195	0	9,244
12	195	486	1,849	1,265	486	0	0	4,281
14	97	389	973	486	292	0	97	2,334
15	0	0	0	0	97	0	0	97
16	97	195	292	97	97	0	0	778
18	389	97	0	0	0	0	0	486
20	97	389	292	97	0	0	0	875
22	195	97	0	0	0	0	0	292
	14,691	20,041	16,443	6,907	1,556	195	97	59,930

VOLUMES

DBH	Trees	TOTALS				PER ACRE				PER TREE				
		Tons	Cunits	Cords	Posts	Trees	Tons	Cunits	Cords	Posts	Tons	Cunits	Cords	Posts
6	24129	2736.2	721.7	922.6	0	13.7	1.6	0.4	0.5	0.0	0.1	0.0	0.0	0.0
8	17318	4210.2	1089.5	1324.7	0	9.8	2.4	0.6	0.8	0.0	0.2	0.1	0.1	0.0
9	97	26.2	6.8	8.4	0	0.1	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.0
10	9243	3720.2	955.6	1184.6	0	5.2	2.1	0.5	0.7	0.0	0.4	0.1	0.1	0.0
12	4281	2475.2	637.3	780.9	0	2.4	1.4	0.4	0.4	0.0	0.6	0.1	0.2	0.0
14	2335	1865.0	484.0	565.0	0	1.3	1.1	0.3	0.3	0.0	0.8	0.2	0.2	0.0
15	97	113.6	29.6	33.9	0	0.1	0.1	0.0	0.0	0.0	1.2	0.3	0.3	0.0
16	778	744.8	194.8	218.4	0	0.4	0.4	0.1	0.1	0.0	1.0	0.3	0.3	0.0
18	486	392.3	103.6	114.6	0	0.3	0.2	0.1	0.1	0.0	0.8	0.2	0.2	0.0
20	876	1209.7	320.6	334.5	0	0.5	0.7	0.2	0.2	0.0	1.4	0.4	0.4	0.0

Report Date 6/14/2010

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22 292 367.8 98.2 100.3 0 0.2 0.2 0.1 0.1 0.0 1.3 0.3 0.3 0.0

59,932 17,861.2 4,641.5 5,587.9 0.0 34.0 10.1 2.6 3.2 0.0

Average Height	1.6794	Form Class	76
Basal Area	15.0248	Log Rule	D-Doyle
Cords/Tree	0.0932	Origin	N
CUnits/Cord	0.8306	Plot Size	20
Cunits/Tree	0.0774	Plot Type	F-FIXED
Posts/Tree	0	Region	C-Coastal
Quadratic Mean DBH	8.9969		
Tons/Cord	3.1964		
Tons/Tree	0.298		

Report Date 6/14/2010

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Stand and Stocking Report - Misc. Hard Hardwood Pulpwood. Page 2 of 2

Eunice Canal Property-All Merch GIS Acres

Acres: 1761, Total plots: 362

STATISTICS REPORT

*# of Plots Needed
to be +/- 10%*

	<i>95% CI</i>	<i>68% CI</i>	<i>@95%</i>	<i>@68%</i>
Total Pine	12.62%	6.44%	576.76	150.14
Pine Sawtimber	13.39%	6.83%	649.01	168.94
Poles	52.40%	26.73%	9938.73	2587.13
Pine ChipnSaw	39.67%	20.24%	5695.88	1482.69
Pine Pulpwood	31.54%	16.09%	3601.31	937.45
Total Hardwood	12.30%	6.28%	547.87	142.61
Hardwood Sawtimber	23.53%	12.00%	2003.46	521.52
Hardwood Pulpwood	10.66%	5.44%	411.41	107.09

	<i>MEAN</i>	<i>VARIANCE</i>	<i>STERROR</i>	<i>CV</i>
Total Pine	3.94	23.34	0.25	1.23
Pine Sawtimber	3.54	21.18	0.24	1.30
Poles	0.07	0.13	0.02	5.09
Pine ChipnSaw	0.06	0.05	0.01	3.85
Pine Pulpwood	0.27	0.70	0.04	3.06
Total Hardwood	1.33	2.52	0.08	1.19
Hardwood Sawtimber	0.51	1.38	0.06	2.28
Hardwood Pulpwood	0.82	0.71	0.04	1.03

* Calculations based on Average Tons per Plot. Total 95 CI = .790%

Report Date 6/14/2010

Statistics Report. Page 1 of 1

Timber Estimates represented are based on statistical sampling and cannot be guaranteed by Larson & McGowin, Inc.
Data compiled with ForestPro Compiler version 10.60 Larson & McGowin, Inc.



Report Date: 2010

Approx. Acres: 1,761

Location: Evangeline Parish, LA

Office Computing:

Field Contact: Brandon White

Office: (337) 825-9908

Truck: (409) 381-0152

Pine Sawtimber

Doyle 80 & Tons

Pine Chip-N-Saw

Tons, Cunits, & Cords

Pine Pulpwood

Tons, Cunits, & Cords

Hardwood Stbr.

Doyle 76 & Tons

Hdwd Pulpwood

Tons, Cunits, & Cords

Address: Larson & McGowin, Inc.

7932 Highway 110 W.

P.O. Box 293

Merryville, La 70653

Recap Instructions: Management Cruise

Mapping Instructions: Note Discrepancies

Cruise: 5 X 10 Chain Spacing

10th acre (37.2' radius) Sawtimber/Poles

20th acre (26.3') CNS/Pulpwood

Crew Chief: Kurt Krueger (409) 383-7423

I. Special Tally Instructions

Merchantable Stands

Product Codes (#)

(1)

Sawtimber

(2)

Chip-N-Saw

(3)

Pulpwood

(4)

Poles

Species Codes

Softwoods

3 Planted Pine	12 inch class min.DBH	8.0" min. DBH	3.6" min. DBH	10 inch class min.DBH
4 Natural Pine	12 inch class min.DBH	8.0" min. DBH	3.6" min. DBH	10 inch class min.DBH

Hardwoods

10 Soft Hardwood	14 inch class min. DBH to 10" top	6 inch class min. DBH to 4" top
11 Hard Hardwood	14 inch class min. DBH to 10" top	6 inch class min. DBH to 4" top
12 Cypress	12 inch class min. DBH to 10" top	
13 Grade Oak	14 inch class min. DBH to 10" top, #2 Grade or better	

Pine Sawtimber: Tally by 2" classes all pine 12 inch class min. DBH (11.1" to 13.0") and up by 16' log heights to 8" top. 1 log min.

Pine Chip-N-Saw: Tally by 2" classes all pine 8 inch class min. DBH (8.0" to 9.0") to a 10 inch class max. DBH (9.1" to 11.0") by 16' log heights to a 6" top with 1 log min.

Pine Pulpwood: Tally by 2" classes all pine 4 inch class min. DBH (3.6" to 5.0") and up by 16' log heights to a 3" top with 1 log min. Max. DBH will be the 22 inch class.

Pine Poles: Tally by 2" classes all pine of potential pole quality 10 inch class min. DBH in 16' log heights along following merchantable height guidelines: Do not push poles on this cruise.

10" class – 2 log min. to a 6" top; 12" class – 2 ½ log min. to an 8" top; 14"-16" class - 3 log min. to a 9" top;



18” class – 3 1/2 log min. to a 9” top.

Hardwood Sawtimber: Tally by 2” classes all # 2 grade or better hardwood sawtimber 14 inch class (13.1” to 15.0”) DBH and up to a 10” or merchantable top by ½ logs, with a min. of one 16’ log.

Hardwood Pulpwood: Tally by 2” classes all hardwood pulpwood 6 inch class (5.1” to 7.0”) DBH and up to a 3” top by ½ logs, with a min. of one 16’ log. The max. pulpwood DBH will be the 22 inch class.

Plot Center Identification

Plot centers will be identified by the use of vinyl flags with the plot number written on them. Use flagging to identify first tree tallied and then tally clockwise. Tie flagging at starting points and road crossings to denote cruise lines. Write initials, date, time of crossing, and direction of travel to next plot number.

Data Recorders

We will be using Larson & McGowin’s Forest Pro data recorder software. Be sure all letters are in UPPER CASE when using the data recorder.

TRACT: “ECC” as pre loaded on data recorders

COMPARTMENT: “1” as pre loaded on data recorders

STAND: Stand numbers as pre loaded on data recorders, indicated on maps and verified in field. Edit as needed

PLOT: Unique # for each plot as pre-numbered on maps and loaded in data recorders.

Stand codes: *Planted Slash (year) – PS60, Natural Pine – NP, Pine Hardwood – PH, Bottomland Hardwood – BH*

Compass Declination

Compass Declination should be 3 degrees East of North. Each estimator should check their compass and pacing. Additionally, GPS coordinates for each plot are provided

Timber Estimation

On the first day of the field work estimators will spend time together reviewing the job control so each estimator will be sure he is cruising accurately and understands all phases of the job. If, after the first day, you have any questions, then the crew chief can discuss them. Check cruising will be done, so do your usual accurate work.

Growth

Take growth measurements on the first pine tree on every other plot. Record growth information in the appropriate data recorder column including DBH, single bark thickness and 5 year radial growth TO THE NEAREST 0.1 INCH. Please spread samples across diameter classes.

Site Index

Take Site Index measurements on two trees per day. Record total height in Grade 1 column and age in Grade 2 column. Select dominant or co-dominant trees.

Mapping

Forest stand types are labeled on the cruise maps, please verify type and cultural features (Roads/ROWs, Creeks, Etc.) as you cruise. Highlight completed plots on the master map daily. Indicate the location and closest plot number on the map and sheet provided, any notable concerns including **insect** activity, beaver activity, dumping, well sites, encroachments, abandon home sites or other features. Report your discoveries daily to the crew chief **IN WRITING.**



Daily Work Turn-In

Each estimator's tally will be down loaded and printed out at the end of each work day. Estimators are expected to thoroughly check the tally print out and indicate any corrections **IN WRITING** to the crew chief. Make a copy of your map and highlight that day of production, staple it on the back of the tally.