# **Projected Financial Analysis Summary**

### WaMu Foreclosure

1212 Main St Atlanta GA 30303

#### **Darren Johnston**

February 15, 2009

Presented by

# Your Name Here Your Company Name Here

1212 Main St Atlanta GA 30303

866-290-4183

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Disclaimer: All information presented is believed to be accurate.

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# Projected Financial Analysis Summary





#### **Property Information**

Type:

Total Cost:

Fair Market Value: Number of Units: Sq. Footage:

Appreciation Rate:

#### Single-Family 110,000 165,000 1,350 1.00%

#### **Financial Information**

Projected Down Payment/ Investment:	\$ 22,000	20.00%	20.00%	13.33%
Initial Loan Balance:	\$ 88,000	80.00%	80.00%	53.33%

	<u> </u>	Amount	Rate	Term (Years)	Pa	<u>yment</u>
Mortgage #1	\$	88,000	8.00%	30	\$	646

% of P. Price

% of Cost

% of FMV

#### **Rental Income & Expenses**

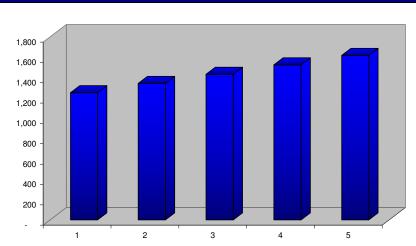
Monthly Rents:	\$ 1,250
Annual Rents:	\$ 15,000
Other Annual Income:	\$
Annual Vacancy:	\$ (600)
Annual Expenses:	\$ (5,400)
Annual Reserves:	\$
Annual Debt Service:	\$ (7,749)

#### **Assumptions:**

Rental Growth Rate: Expense Growth Rate: Appreciation Rate: Marginal Tax Rate: Capital Gain Tax Rate:

#### 1.00% 1.00% 1.00% 32.00%

#### 5 Year Projected Cash Flow Before Taxes



#### Financial Ratios & Return on Investment (ROI)

Debt Coverage Ratio (DCR) Loan to Value Ratio (LVR)

Capitalization Rate Based on Cost Capitalization Rate Based on Resale Price

**Gross Rent Monthly Multiplier (GRM) Gross Rent Yearly Multiplier (GRM)** 

Net Present Value (NPV) - Before Taxes @ 13.50% Net Present Value (NPV) - After Taxes @ 10.00%

Cash on Cash Return - Before Taxes Cash on Cash Return - After Taxes

Internal Rate of Return (IRR) - Before Taxes Internal Rate of Return (IRR) - After Taxes

Modified Internal Rate of Return (MIRR) - Before Taxes Modified Internal Rate of Return (MIRR) - After Taxes

_		
	Year 1	Year 5
	1.16	1.21
	80.00%	49.31%
	8.18%	8.51%
	5.40%	5.40%
	88.00	133.32
	7.33	11.11
\$	40,236	\$ 25,028
\$	33,494	\$ 24,451
	5.69%	7.35%
	6.41%	8.19%
	221.08%	33.32%
	177.47%	29.20%
	221.08%	31.59%
	177.47%	27.24%

## Cash Flow Analysis

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Rental Activity Analysis	Year 1	Year 2	Year 3	Year 4	Year 5
Potential Rental Income	\$ 15,000	\$ 15,150	\$ 15,302	\$ 15,455	\$ 15,609
Less: Vacancy & Credit Losses Less: Operating Expenses	(600) (5,400)	(606) (5,454)	(612) (5,509)	(618) (5,564)	(624) (5,619)
Net Operating Income (NOI)	\$ 9,000	\$ 9,090	\$ 9,181	\$ 9,273	\$ 9,365
net operating income (not)	Ψ 0,000	ψ 3,000	Ψ 3,101	Ψ 5,276	φ 0,000
Less: Annual Debt Service	(7,749)	(7,749)	(7,749)	(7,749)	(7,749)
CASH FLOW Before Taxes	\$ 1,251	\$ 1,341	\$ 1,432	<u>\$ 1,524</u>	\$ 1,617
Income Taxes: Benefit (Expense)	159	342	292	239	185
CASH FLOW After Taxes	\$ 1,411	\$ 1,683	\$ 1,724	\$ 1,764	\$ 1,802
Property Resale Analysis					
Projected Sales Price	\$ 166,650	\$ 168,317	\$ 170,000	\$ 171,700	\$ 173,417
Less: Selling Expenses	(9,999)	(10,099)	(10,200)	(10,302)	(10,405)
Adjusted Projected Sales Price	\$ 156,651	\$ 158,218	\$ 159,800	<u>\$ 161,398</u>	\$ 163,012
Less: Mortgage(s) Balance Payoff	(87,265)	(86,469)	(85,607)	(84,673)	(83,662)
SALE PROCEEDS Before Taxes	\$ 69,386	\$ 71,749	\$ 74,193	\$ 76,725	\$ 79,350
Income Taxes from Sale: Benefit (Expense)	(9,753)	(10,979)	(12,207)	(13,439)	(14,674)
SALE PROCEEDS After Taxes	<u>\$ 59,633</u>	\$ 60,770	<u>\$ 61,986</u>	<u>\$ 63,286</u>	<u>\$ 64,676</u>
Cash Position					
Cash Generated in Current Year	\$ 1,411	\$ 1,683	\$ 1,724	\$ 1,764	\$ 1,802
Cash Generated in Previous Years	n/a	1,411	3,094	4,818	6,581
Cash Generated from Property Sale Original Initial Investment	59,633 (22,000)	60,770 (22,000)	61,986 (22,000)	63,286 (22,000)	64,676 (22,000)
Total Potential CASH Generated	\$ 39,044	\$ 41,864	\$ 44,804	\$ 47,867	\$ 51,060
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Financial Measures					
Debt Coverage Ratio (DCR)	1.16	1.17	1.18	1.20	1.21
Loan to Value Ratio (LVR)	80.0%	52.4%	51.4%	50.4%	49.3%
Cash on Cash Return with Equity Build-up	177.47%	4.62%	4.60%	4.59%	4.57%
Cash on Cash Return - Before Taxes	5.69%	6.10%			7.35%
Cash on Cash Return - After Taxes	6.41%	7.65%			8.19%
Internal Rate of Return (IRR) - Before Taxes	221.08%	85.14%	54.20%	40.78%	33.32%
Internal Rate of Return (IRR) - After Taxes	177.47%	71.72%			29.20%
Modified Internal Rate of Return (MIRR) - Before Taxes	221.08%	83.86%			31.59%
Modified Internal Rate of Return (MIRR) - After Taxes	177.47%	70.42%	44.87%	33.58%	27.24%

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# **Income Tax Analysis**



Tax Analysis - Operations	)	ear 1		Year 2		Year 3		Year 4		Year 5
Net Operating Income (NOI) from Report	\$	9,000	\$	9,090	\$	9,181	\$	9,273	\$	9,365
Tax Depreciation		(3,067)		(3,200)		(3,200)		(3,200)		(3,200)
Interest Expense - Mortgage #1		(6,431)		(6,958)		(6,892)		(6,821)		(6,744)
Operating Taxable Income (Loss)	\$	(498)	\$_	(1,068)	\$_	(911)	\$_	(748)	\$_	(579)
Federal & State Tax Rate		32.00%		32.00%		32.00%		32.00%		32.00%
Income Tax Benefit (Expense)	\$	159	\$	342	<u>\$</u>	292	\$	239	\$	185
Subject to Suspended Loss Rules?		No								

Tax Analysis - Property Sale	,	Year 1		Year 2		Year 3		Year 4		Year 5
Adjusted Projected Sales Price	\$	156,651	\$	158,218		159,800	\$	161,398	\$	163,012
Original Cost of Property		(110,000)		(110,000)		(110,000)		(110,000)		(110,000)
Gain (Loss) on Property	\$	46,651	\$	48,218	\$	49,800	\$	51,398	\$	53,012
Accumulated Depreciation/Amortization		3,067		6,267		9,467		12,667		15,867
Taxable Gain (Loss) on Property Sale	\$	49,718	\$	54,484	\$	59,266	\$	64,064	\$	68,878
Capital Gain & State Rate on Sale		19.00%		19.00%		19.00%		19.00%		19.00%
Income Tax Benefit (Expense)		(9,446)		(10,352)		(11,261)		(12,172)		(13,087)
Recapture Tax		(307)		(627)		(947)		(1,267)		(1,587)
Income Tax Benefit (Expense)	\$_	(9,753)	\$_	(10,979)	\$_	(12,207)	\$_	(13,439)	\$_	(14,674)

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## Rent Roll Summary



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Unit Type	Number of Units	Percent of Total	Unit Sq Ft	Total Sq Ft	Rent Per Square Ft	Mor	nthly Rent	Anı	nual Rent
3 Bed, 2 Bath	1	100.00%	1,350	1,350	0.93	\$	1,250	\$	15,000
Totals	1	100.00%		1,350	0.93	\$	1,250	\$	15,000

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# **Annual Expenses**



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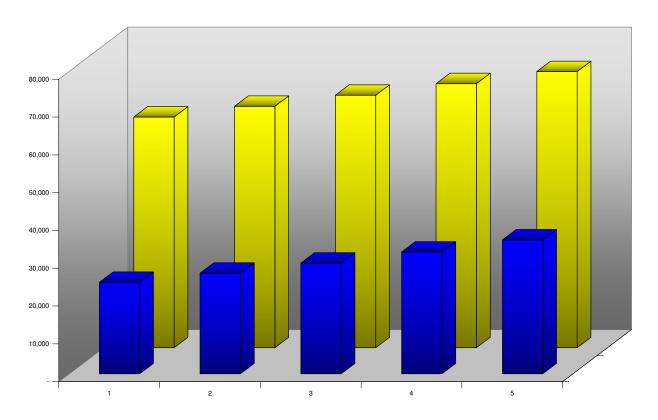
Expense Description	Annual Amount	Annual Increase	% of Expenses	% of Revenue
Cleaning	500	1.0%	9.3%	3.3%
Insurance	750	1.0%	13.9%	5.0%
Landscaping	650	1.0%	12.0%	4.3%
Maintenance	1,250	1.0%	23.1%	8.3%
Pest Control	250	1.0%	4.6%	1.7%
Repairs	2,000	1.0%	37.0%	13.3%

Total Annual Operating Expenses	\$ 5,400	100.0%	36.0%

# Alternative Investment Comparison



■ Alternative Investment
■ Subject Property - After Taxes



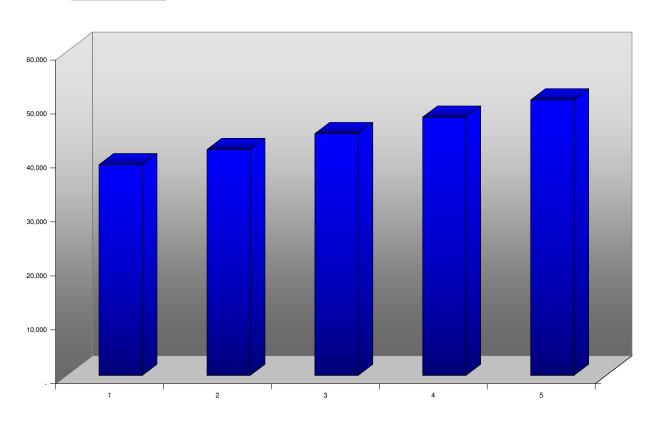
Alt Investment Return (after taxes)	Time Period	Alternative nvestment Value	A	Property fter-Taxes Net Value	Difference	Better Investment	Property efore-Taxes Net Value	Difference	Better Investment
10.00%	Initial Investment	\$ 22,000	\$	22,000			\$ 22,000		
	Year 1	24,200		61,044	\$ 36,844	Property	70,638	\$ 46,438	Property
	Year 2	26,620		63,864	37,244	Property	74,342	47,722	Property
	Year 3	29,282		66,804	37,522	Property	78,218	48,936	Property
	Year 4	32,210		69,867	37,657	Property	82,274	50,064	Property
	Year 5	35,431		73,060	37,629	Property	86,516	51,085	Property

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### Hold/Sell Analysis



Cash Generated Per Year

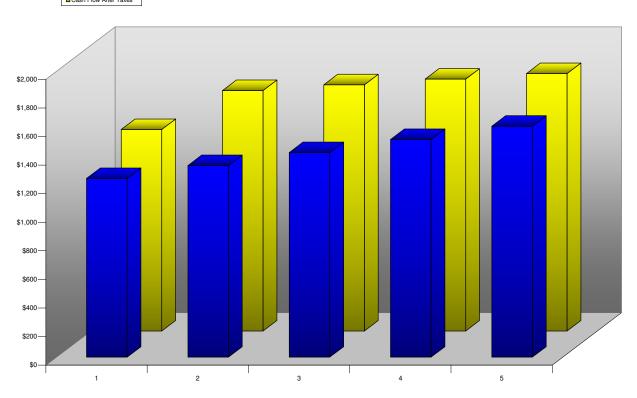


Required Return on Equity	Time Period	Cash	Generated	Year over Year Change	Cash Change Percentage	Hold or Sell
15.00%	Intitial Investment	\$	22,000			
	Year 1		39,044	39,044	177.47%	Hold
After	Year 2		41,864	2,820	7.22%	Hold
	Year 3		44,804	2,940	7.02%	Hold
Year 5	Year 4		47,867	3,064	6.84%	Hold
	Year 5		51,060	3,193	6.67%	Sell

### **Cash Flow Projections**



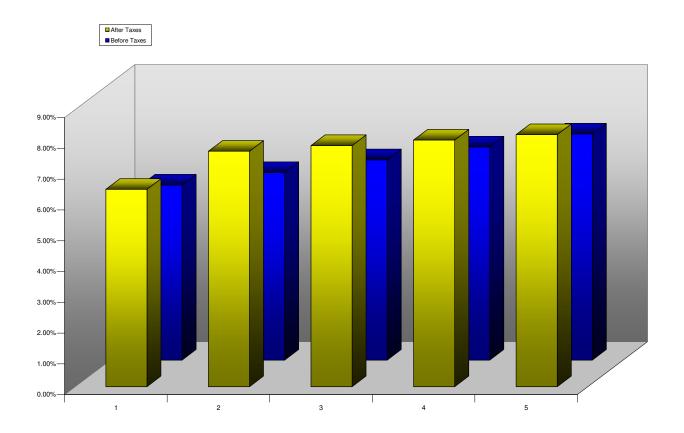
■ Cash Flow Before Taxes
■ Cash Flow After Taxes



Time	Net Operating	Reserves	Debt	Cash Flow	Incomes	Cash Flow
Period	Income	& Improvements	Service	Before Tax	Taxes	After Tax
Int Investment			\$	(22,000)	5	(22,000)
Year 1	9,000	-	(7,749)	1,251	159	1,411
Year 2	9,090	-	(7,749)	1,341	342	1,683
Year 3	9,181	-	(7,749)	1,432	292	1,724
Year 4	9,273	-	(7,749)	1,524	239	1,764
Year 5	9.365		(7.749)	1.617	185	1.802

### Cash on Cash Return

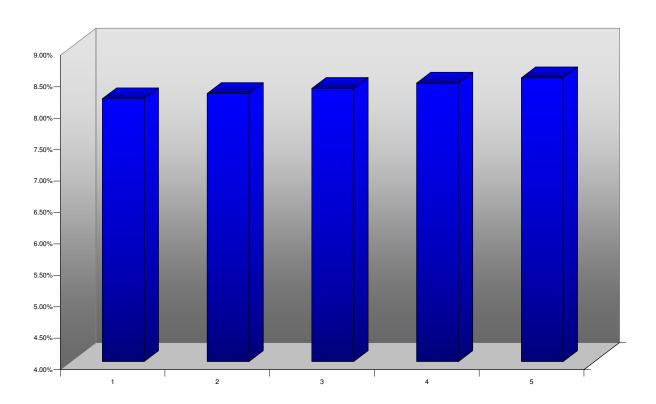




Time	Cas	sh Flow	Cash on Cash	Income		Cash Flow	Cash on Cash
Period	Befo	re Taxes	Before Taxes	Taxes		After Taxes	After Taxes
Year 1	\$	1,251	5.69% \$	15	59 \$	1,411	6.41%
Year 2		1,341	6.10%	34	12	1,683	7.65%
Year 3		1,432	6.51%	29	92	1,724	7.84%
Year 4		1,524	6.93%	23	39	1,764	8.02%
Year 5		1,617	7.35%	18	35	1,802	8.19%

# Capitalization Rate

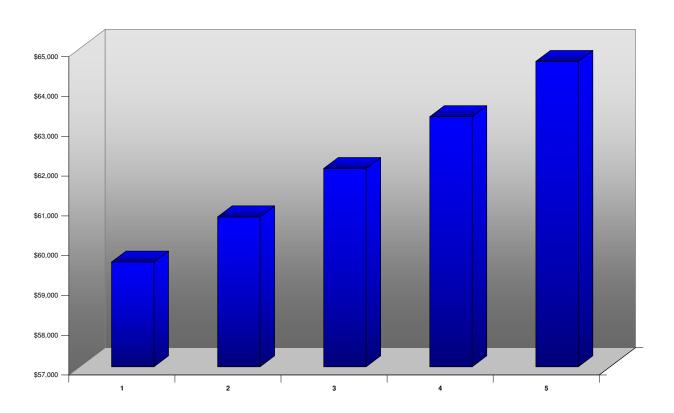




Time	Net C	Operating	Cap Rate on	Cost	Resale		
Period	Inco	me (NOI)	\$ 11	0,000	Value		
Year 1	\$	9,000	8.18%	\$	166,650		
Year 2		9,090	8.26%		168,317		
Year 3		9,181	8.35%		170,000		
Year 4		9,273	8.43%		171,700		
Year 5		9,365	8.51%		173,417		

# **Property Equity Analysis**

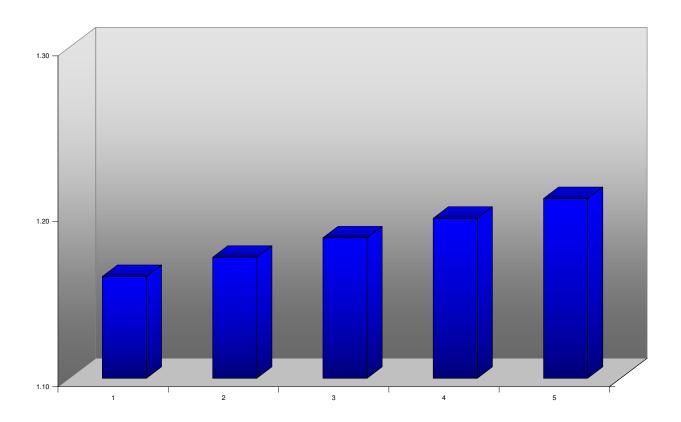




Time	F	rojected		Estimated	Λ	Nortgage(s)	s	ale Proceeds	Income Taxes	Sale Proceeds	Property		Year / Year	Loan to
Period	Re	sale Value	Sell	ing Expenses	Ва	lance Payoff	E	Before Taxes	From Sale	After Taxes	Equity	E	Equity Increase	Value Ratio
Year 1	\$	166,650	\$	(9,999)	\$	(87,265)	\$	69,386	\$ (9,753)	\$ 59,633	\$ 59,633	\$	37,633	52.4%
Year 2		168,317		(10,099)		(86,469)		71,749	(10,979)	60,770	60,770		1,137	51.49
Year 3		170,000		(10,200)		(85,607)		74,193	(12,207)	61,986	61,986		1,216	50.4%
Year 4		171,700		(10,302)		(84,673)		76,725	(13,439)	63,286	63,286		1,300	49.3%
Year 5		173,417		(10,405)		(83,662)		79,350	(14,674)	64,676	64,676		1,391	48.2%

# Debt Coverage Ratio





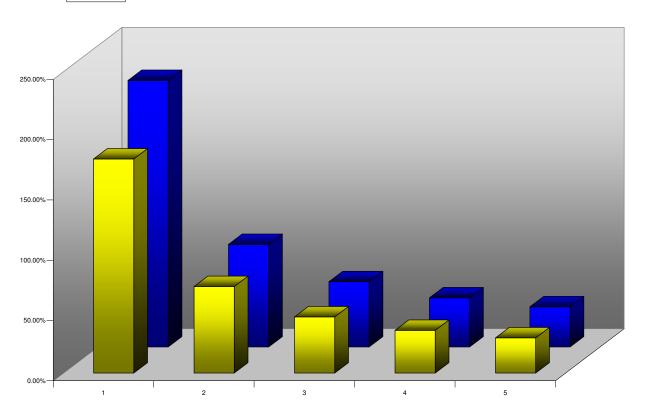
Time	Net	Net Operating		Mortgage	Debt Coverage	
Period	li	Income		Payments	Before Taxes	
Year 1	\$	9,000	\$	(7,749)	1.16	
Year 2		9,090		(7,749)	1.17	
Year 3		9,181		(7,749)	1.18	
Year 4		9,273		(7,749)	1.20	
Year 5		9,365		(7,749)	1.21	

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## **Internal Rate of Return**



■ IRR After Tax ■ IRR Before Tax



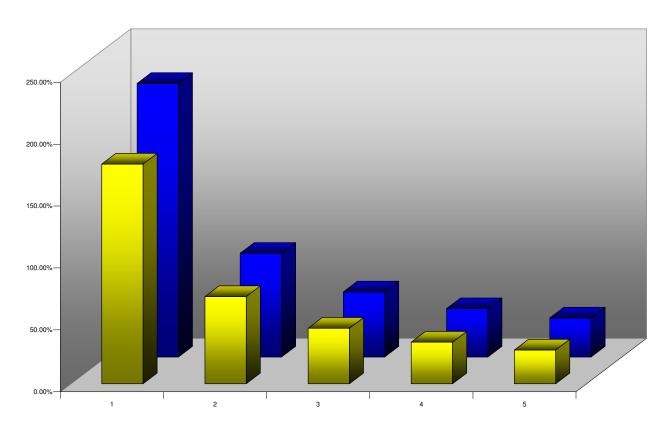
Time Period	Internal Rate of Return (IRR)							
Time Period	Before Taxes	After Taxes						
Year 1	221.08%	177.47%						
Year 2	85.14%	71.72%						
Year 3	54.20%	46.52%						
Year 4	40.78%	35.41%						
Year 5	33.32%	29.20%						

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## Modified Internal Rate of Return



■ MIRR - After Taxes ■ MIRR - Before Taxes



Time	Modifed Internal Rate of Return							
Period	Before Taxes	After Taxes						
Year 1	221.08%	177.47%						
Year 2	83.86%	70.42%						
Year 3	52.68%	44.87%						
Year 4	39.13%	33.58%						
Year 5	31.59%	27.24%						















