

#### MSD Green Program

#### Stage I: Market Analysis

March 22, 2012

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#### Contents



#### Stage I: Market Analysis

- Marketplace Housing Assessment
  - Demographic Overview
     Residential Sale Trends
     REO Trends

  - Residential Rental Comparables
- Commercial Market Assessment
  - MultifamilyMixed-Use

  - Retail
    Office
  - Land
    Industrial
- Summary Observations
- Recommendations
- Stage II Expectations and Deliverables
- Appendix



## Background



The Metropolitan Sewer District of Greater Cincinnati (MSD) is under a federal Consent Order whereby the U.S. EPA has mandated that MSD capture and treat or remove 85% of the 14 billion gallons of combined sewer overflows throughout the Greater Cincinnati area. MSD has identified Combined Sewer Overflow #5 within the South Fairmount neighborhood as a part of this solution. Several options are being evaluated to treat the combined sewer overflow.

Property Advisors has been engaged to evaluate and identify the economic development opportunities arising from the Wet Weather Strategy for the Lick Run Watershed, a sustainable alternative to traditional tunnel solutions that could potentially lower MSD's capital investment and operation and maintenance costs, while creating a catalyst for urban redevelopment opportunities within South Fairmount.

Using a Market Based Land Development Strategy, Property Advisors has outlined 4 Stages that will align market analysis with financial modeling to determine feasibility gaps, financing strategies, and development approaches under presumed redevelopment scenarios resulting from MSD's Wet Weather Strategy for the Lick Run

Market Based Land Development Strategy Stages include:

Stage I: Market Analysis

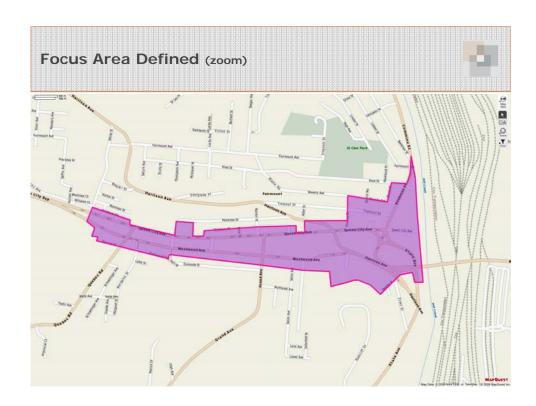
Stage II: Pro forma Development Stage III: Acquisition Strategy

Stage IV: Development Advisory

The following report contains analysis for the Stage I: Market Analysis.



# **Focus Area Defined**



# **Zoning Designations**

"MG" - Manufacturing General



Intended to create, preserve and enhance areas that area appropriate for a wide variety of supporting and related commercial and manufacturing establishments that may have the potential to generate off-site impacts. Future development will accommodate heavy industrial and manufacturing uses, transportation facilities, warehousing and distribution and similar and related supporting uses. These uses typically require sites with good transportation access. Uses that may inhibit industrial development are prohibited.

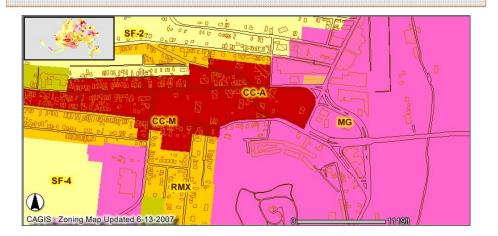
#### "CC - A" - Commercial Community - Auto-Oriented

Intended to identify, create, maintain and enhance areas suitable for a wide variety of commercial and institutional uses along major transportation corridors and in shopping districts or centers.

This district designation is intended for areas that provide for easy automobile access. Large buildings are located on the site with parking in the front. Out lots associated with shopping centers often contain autoriented businesses. Performance standards are intended to mitigate the impact of the parking lots and buffer adjacent residential areas.



# Zoning Map



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#### **Zoning Designations**

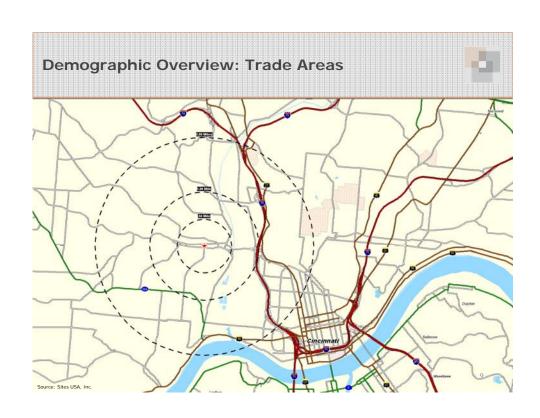
#### "CC - M" - Community Commercial - Mixed

This district designation is intended to provide for a mix of the pedestrian and auto-oriented development. Older, pedestrian-oriented buildings may be intermixed with newer, auto-oriented uses.

#### "RMX" - Residential Mixed

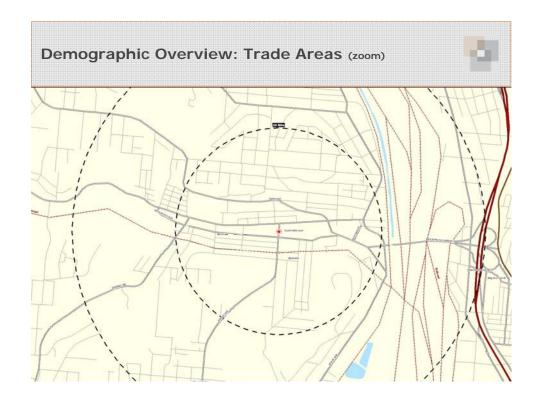
This subdistrict is intended to create, maintain and enhance areas of the city that have a mix of lot sizes and house types at moderate intensities (one to three dwelling units). Existing multi-family buildings of four or more units are acknowledged but new construction is not permitted. The minimum land area for every dwelling unit is 2,000 SF.





# Demographic Overview

	.50 mi ra	dius	1.00 mi ra	adius	2.00 mi ra	adius
Population						
Estimated Population (2008)	2,760		10,069		60,114	
Projected Population (2013)	2,630		9,639		57,774	
Projected Annual Change (2008-2013)	-130	-0.9%	-429	-0.9%	-2,340	-0.8%
Est. Population Density (2008)	3,516.27	psm	3,229.17	psm	4,876.18	psm
Trade Area Size	0.79	sq mi	3.12	sq mi	12.33	sq mi
Households						
Estimated Households (2008)	1,052		3,747		24,269	
Projected Households (2013)	994		3,549		23,093	
Projected Annual Change (2000-2013)	-298	-1.8%	-959	-1.6%	-5,637	-1.5%
Average Household Income						
Est. Average Household Income (2008)	\$30,216		\$28,747		\$32,345	
Projected Annual Change (2000-2013)	\$1,809	0.5%	\$3,111	0.9%	\$4,153	1.0%
Median Household Income						
Est. Median Household Income (2008)	\$25,742		\$25,247		\$27,654	
Proj. Median Household Income (2013)	\$28,204		\$27,831		\$30,527	
Projected Annual Change (2000-2013)	\$6,505	2.3%	\$5,948	2.1%	\$7,519	2.5%





# **Demographic Overview**



	.50 mi radius		1.00 mi ra	idius	2.00 mi radius	
Household Income Distribution (2008)						
HH Income \$200,000 or More	8	0.7%	20	0.5%	251	1.0%
HH Income \$150,000 to 199,999	5	0.5%	15	0.4%	254	1.0%
HH Income \$125,000 to 149,999	14	1.3%	58	1.6%	335	1.4%
HH Income \$100,000 to 124,999	12	1.2%	54	1.4%	593	2.4%
HH Income \$75,000 to 99,999	46	4.3%	165	4.4%	1,305	5.4%
HH Income \$50,000 to 74,999	145	13.8%	468	12.5%	3,135	12.9%
HH Income \$35,000 to 49,999	164	15.6%	579	15.4%	3,576	14.7%
HH Income \$25,000 to 34,999	145	13.8%	508	13.6%	3,439	14.29
HH Income \$15,000 to 24,999	171	16.3%	565	15.1%	3,787	15.69
HH Income \$10,000 to 14,999	79	7.5%	312	8.3%	2,028	8.49
HH Income \$0 to 9,999	263	25.0%	1,004	26.8%	5,568	22.99
HH Income \$35,000+	394	37.5%	1,358	36.2%	9,448	38.99
HH Income \$50,000+	230	21.9%	779	20.8%	5,872	24.29
HH Income \$75,000+	85	8.0%	312	8.3%	2,737	11.3%
Household Type (2008)						
Total Households	1,052		3,747		24,269	
Households with Children	362	34.4%	1,399	37.3%	7,409	30.5%
Average Household Size	2.58		2.54		2.33	
Est. Household Density	1,339.75	psm	1,201.73	psm	1,968.62	psm
Married Couple Hhlds	232	41.9%	788	38.1%	4,742	41.3%
Married Couple With Children	112	31.3%	362	26.1%	2,047	27.9%
Married Couple No Children	120	61.2%	427	62.6%	2,695	65.4%
Average Family Household Size	3.78		3.60		3.44	
Average Family Income	\$37,963		\$36,361		\$41,924	
Median Family Income	\$34,415		\$32,051		\$35,731	

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# **Demographic Overview**



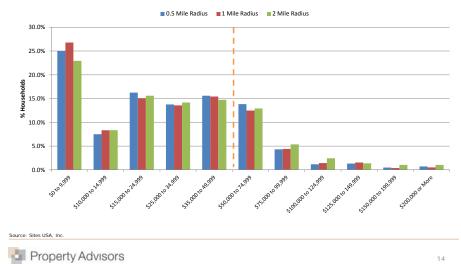
	.50 mi ra	dius	1.00 mi ra	ıdius	2.00 mi ra	dius
Marital Status (2008)						
(15 Years or Older)	2,064		7,494		46,882	
Never Married	895	43.4%	3,444	46.0%	23,191	49.59
Now Married	585	28.3%	1,908	25.5%	11,539	24.69
Previously Married	585	28.3%	2,142	28.6%	12,153	25.9
Separated	185	31.7%	745	34.8%	3,966	32.6
Widowed	134	23.0%	470	21.9%	2,912	24.0
Divorced	265	45.3%	928	43.3%	5,275	43.4
Educational Attainment (2008)						
Adult Population (25 Years or Older)	1,606		5,539		33,079	
Elementary (0 to 8)	155	9.6%	433	7.8%	1,845	5.6
Some High School (9 to 11)	353	22.0%	1,227	22.2%	5,831	17.6
High School Graduate (12)	484	30.2%	1,887	34.1%	10,772	32.€
Some College (13 to 16)	237	14.8%	838	15.1%	5,492	16.6
Associate Degree Only	128	7.9%	397	7.2%	2,431	7.3
Bachelor Degree Only	154	9.6%	458	8.3%	3,911	11.8
Graduate Degree	96	6.0%	298	5.4%	2,797	8.5
Any College + (Some College or higher)	614	38.2%	1,991	36.0%	14,631	44.2
College Degree + (Bachelor Degree or higher)	249	15.5%	756	13.6%	6,708	20.3
Housing (2008)						
Total Housing Units	1,384		4,764		30,957	
Housing Units, Occupied	1,052	76.0%	3,747	78.7%	24,269	78.4
Housing Units, Owner-Occupied	396	37.7%	1,397	37.3%	7,833	32.3
Housing Units, Renter-Occupied	655	62.3%	2,350	62.7%	16,436	67.7
Housing Units, Vacant	332	24.0%	1,017	21.3%	6,688	21.6

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# **Demographic Overview**



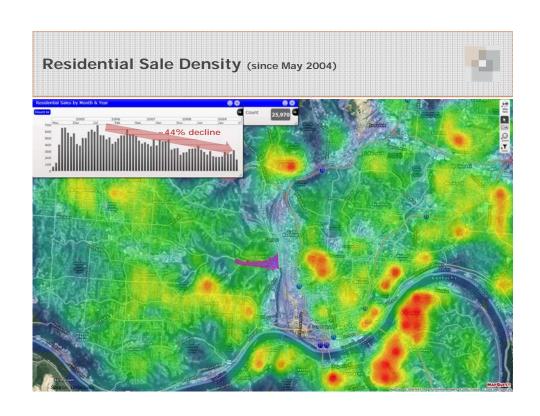
#### **Area Household Income Distribution**

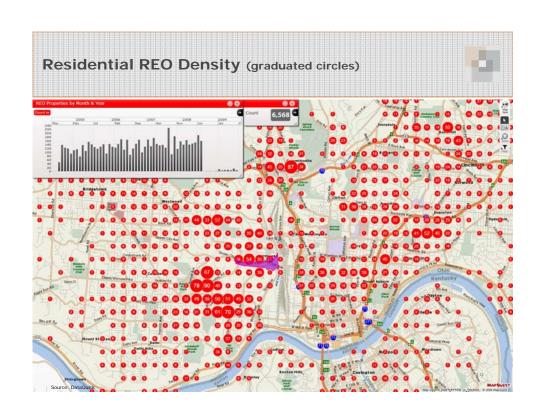


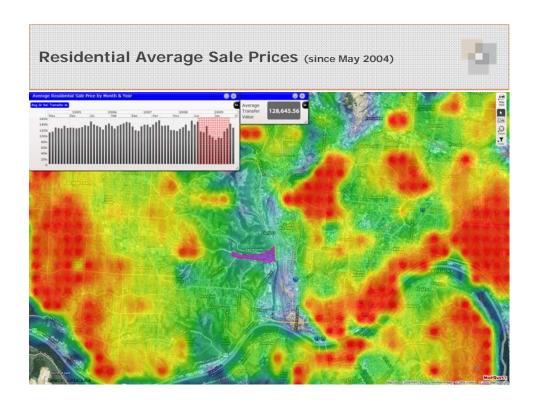
# **Demographic Overview**



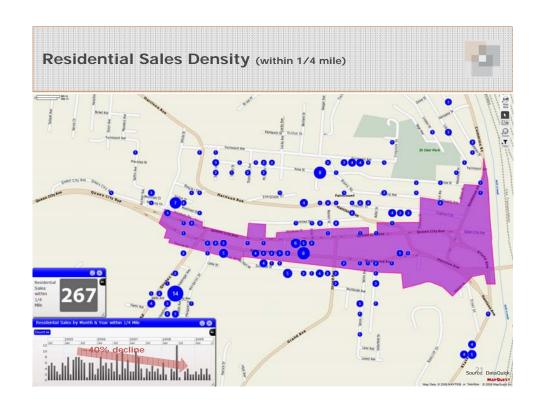
	.50 mi ra	dius	1.00 mi radius		2.00 mi radius	
Household Stability (2008)						
Total Households	1,052		3,747		24,269	
In current residence < 1 year	208	19.8%	717	19.1%	5,074	20.9%
In current residence 1-2 years	387	36.8%	1,355	36.2%	8,515	35.1%
In current residence 3-5 years	181	17.3%	743	19.8%	5,030	20.7%
In current residence 6-10 years	120	11.4%	412	11.0%	2,338	9.6%
In current residence > 10 years	156	14.8%	520	13.9%	3,312	13.6%
Turnover (% Annual Residential Turnover)		19.8%		19.1%		20.9%
Stability (% In Current Residence 5+ Years)		26.2%		24.9%		23.3%
Median Years in Residence	2.7	yrs	2.8	yrs	2.7	yrs
Fransportation To Work (2000)						
Work Base	1,095		3,970		27,822	
Drive to Work Alone	659	60.2%	2,431	61.2%	17,178	61.7%
Drive to Work in Carpool	227	20.7%	784	19.8%	4,088	14.7%
Travel to Work - Public Transportation	133	12.1%	480	12.1%	3,654	13.1%
Drive to Work on Motorcycle	0		0		13	0.0%
Bicycle to Work	0		0		83	0.3%
Walk to Work	38	3.5%	174	4.4%	2,156	7.7%
Other Means	1	0.1%	21	0.5%	139	0.5%
Work at Home	36	3.3%	79	2.0%	512	1.8%
Daytime Demos (2008)						
Total Number of Businesses	109		371		1,929	
Total Number of Employees	1,375		6,358		34,819	
Company Headqtrs: Businesses	0	0	2	0.5%	8	0.49
Company Headqtrs: Employees	0	0	141	2.2%	1,184	3.49
Employee Population per Business	1:	2.7 to 1	1	7.1 to 1	1	8.0 to
Residential Population per Business	2:	5.4 to 1	2	7.1 to 1	3	1.2 to
Est. Adj. Daytime Demographics (Age16+)	2,467		10,293		56,798	

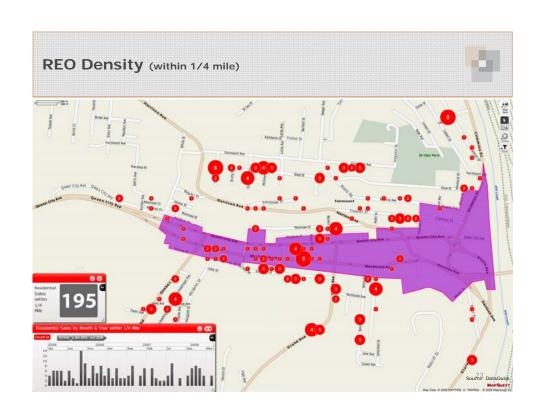


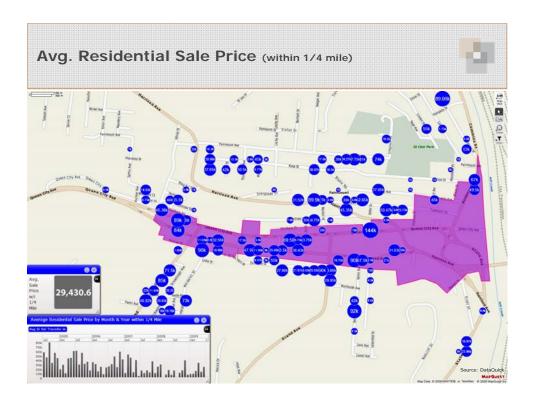


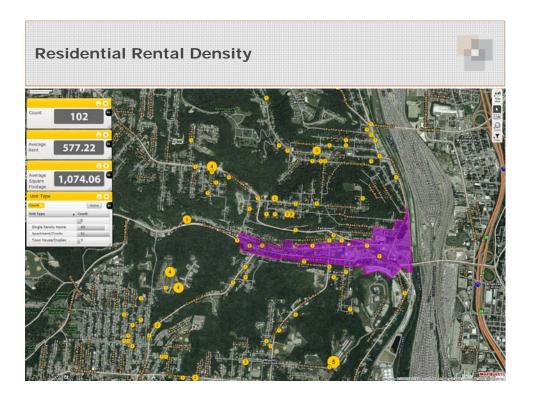


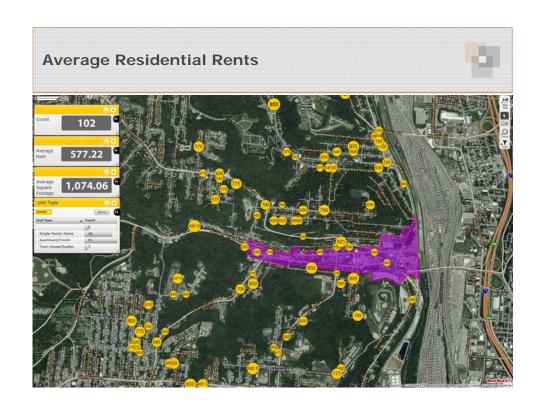




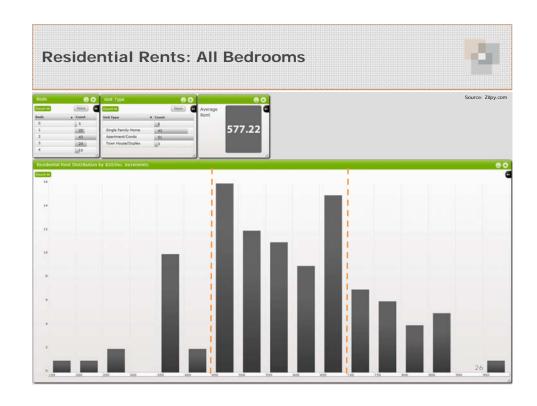


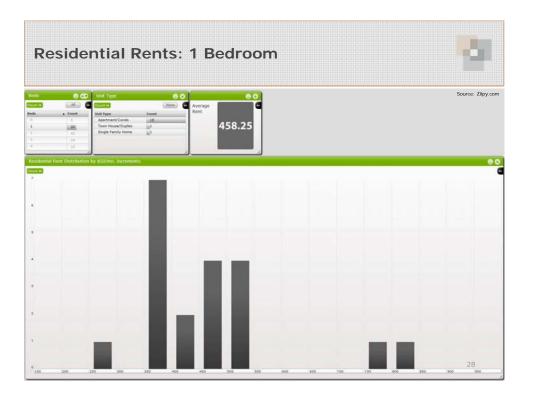


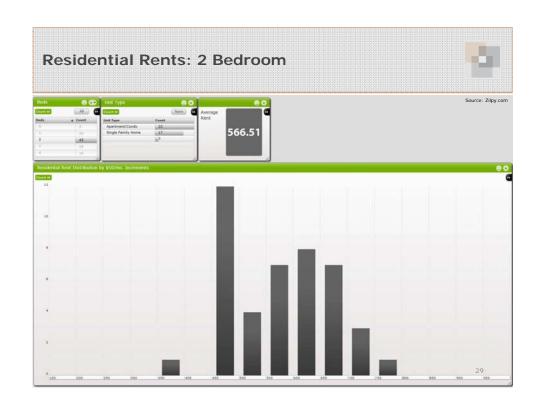


















# **Apartment Sale Comparables**









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	Apartment Sale Comparables January 2006 - October 2009									
Property Type	Address	# Units	Sale Price	\$/Unit	Sale Date					
Apartments	1005-1029 Ross Ave	23	\$515,000	\$22,391	3/29/2006					
Harrison Hill Apartments	2280 Harrison Ave	36	\$930,000	\$25,833	4/13/2006					
Apartments	2000 Westwood Northern	137	\$961,000	\$7,015	7/26/2006					
Apartments	3762 Westmont Dr	72	\$1,575,000	\$21,875	11/14/2006					
Apartments	1990 Westwood Northern	114	\$1,991,000	\$17,465	12/21/2006					
Scenic View	1928 Fairmount Ave	28	\$530,000	\$18,929	1/29/2007					
Apartments	1868 Sunset Ave	96	\$2,710,000	\$28,229	5/29/2007					
Sarvis Court Apartments	2570-2572 Sarvis Ct	24	\$200,000	\$8,333	6/5/2007					
Oak Tree Manor	3763-3767 Westmont Dr	24	\$205,000	\$8,542	10/12/2007					
Rose Manor	3751-3653 Westmont Dr	24	\$280,000	\$11,667	11/16/2007					
Apartments	1411 State Ave	9	\$34,932	\$3,881	2/15/2008					
Apartments	1788 Grand Ave	47	\$896,109	\$19.066	2/29/2008					
Stone Meadows	3721 Westmont Dr	144	\$1,445,000	\$10,035	4/22/2008					
Apartments	930-932 Summit Ave	7	\$46,500	\$6,643	6/11/2009					
Apartments	1956 Westwood Northern	57	\$525,000	\$9,211	7/2/2009					
Apartments	2824-2828 Westknolls Lane	12	\$48,000	\$4,000	7/15/2009					
Apartments	2238 Selim Ave	-	\$323,410	-	7/22/2009					





# **Retail Gap Analysis: Trade Areas**







# Mixed-Use Sale Comparables









3506 Warsaw Avenue

Mixed Use Sale Comparables January 2006 - October 2009										
Property Type	Address	SF	Sale Price	\$/SF	Sale Date					
Retail/Residential	3506 Warsaw Ave	5,600	\$120,000	\$21.43	1/1/2007					
Retail/Residential	2311 W 8th St	9,845	\$24,000	\$2.44	2/16/2007					
Retail/Residential	3644 Warsaw Ave	5,100	\$60,000	\$11.76	4/22/2008					
Retail/Residential	1500 Dempsey St	1,500	\$4,000	\$2.67	2/5/2009					
Retail/Residential	4205 Glenway Ave	2,740	\$32,000	\$11.68	6/2/2009					





# Retail Gap Analysis: Half Mile Radius



	Half Mile Radius		
	2009 Demand	2009 Supply	Opportunity
Retail Stores	(Consumer Expenditures)	(Retail Sales)	Gap/(Surplus)
Total Retail Sales Incl Eating and Drinking Places	26,613,763	11,202,218	15,411,545
Motor Vehicle and Parts Dealers-441	3,188,760	3,394,068	(205,308)
Furniture and Home Furnishings Stores-442	437,954	10,801	427,153
Electronics and Appliance Stores-443	626,317	31,879	594,438
Building Material, Garden Equip Stores -444	1,982,666	0	1,982,666
Food and Beverage Stores-445	4,407,461	1,804,398	2,603,063
Health and Personal Care Stores-446	1,675,944	739,098	936,846
Gasoline Stations-447	3,513,822	2,301,544	1,212,278
Clothing and Clothing Accessories Stores-448	1,304,503	79,548	1,224,955
Sporting Goods, Hobby, Book, Music Stores-451	493,247	47,529	445,718
General Merchandise Stores-452	3,869,986	892,407	2,977,579
Miscellaneous Store Retailers-453	600,101	82,177	517,924
Non-Store Retailers-454	1,718,790	0	1,718,790
Foodservice and Drinking Places-722	2,794,212	1,818,769	975,443
GAFO *	6,977,764	1,062,164	5,915,600



# Retail Gap Analysis: One Mile Radius



	One Mile Radius									
	2009 Demand	2009 Supply	Opportunity							
Retail Stores	(Consumer Expenditures)	(Retail Sales)	Gap/(Surplus)							
Total Retail Sales Incl Eating and Drinking Places	110,024,046	34,669,930	75,354,116							
Motor Vehicle and Parts Dealers-441	14,557,416	4,844,634	9,712,782							
Furniture and Home Furnishings Stores-442	1,836,433	1,072,438	763,995							
Electronics and Appliance Stores-443	2,584,256	1,287,966	1,296,290							
Building Material, Garden Equip Stores -444	8,821,571	447,767	8,373,804							
Food and Beverage Stores-445	17,392,964	18,041,541	(648,577)							
Health and Personal Care Stores-446	6,543,982	1,704,338	4,839,644							
Gasoline Stations-447	14,497,199	2,639,269	11,857,930							
Clothing and Clothing Accessories Stores-448	5,355,706	156,775	5,198,931							
Sporting Goods, Hobby, Book, Music Stores-451	2,063,808	63,515	2,000,293							
General Merchandise Stores-452	15,630,903	1,016,960	14,613,943							
Miscellaneous Store Retailers-453	2,437,776	156,748	2,281,028							
Non-Store Retailers-454	7,061,171	9,354	7,051,817							
Foodservice and Drinking Places-722	11,240,862	3,228,623	8,012,239							
GAFO *	28,465,435	3,609,976	24,855,459							

\*GAFO (General merchandise, Apparel, Furniture and Other) represents sales at stores that sell merchandise normally sold in department stores. This category is not included in Total Retail Sales Including Eating and Drinking

Source: Clarita



# **Retail Lease Comparables**





Queen City Center



113 W Elder Street



2117 Central Avenue

Retail Lease Comparables									
Property	Address	Total Building SF	Available SF	Vacancy Rate	Rental Rate (\$/SF)	Expenses			
Queen City Center	2182-2198 Queen City Ave	10,983	4,050	37%	\$12.00	Modified Gross			
	1526 Linn Street	37,044	9,144	25%	\$10.00	Modified Gross			
Former Auto Dealership	950 W 8th Street	22,420	22,420	100%	\$5.35	Net			
	2117 Central Avenue	2,100	700	33%	\$10.29	Modified Gross			
	113 W Elder Street	3,000	774	26%	\$12.00	Net			

ource: Property Advisor



# Retail Gap Analysis: Two Mile Radius



Two Mile Radius									
	2009 Demand	2009 Supply	Opportunity						
Retail Stores	(Consumer Expenditures)	(Retail Sales)	Gap/(Surplus)						
Total Retail Sales Incl Eating and Drinking Places	715,107,898	331,867,939	383,239,959						
Motor Vehicle and Parts Dealers-441	100,519,878	16,194,758	84,325,120						
Furniture and Home Furnishings Stores-442	11,977,583	4,568,121	7,409,462						
Electronics and Appliance Stores-443	17,080,254	3,191,735	13,888,519						
Building Material, Garden Equip Stores -444	53,537,993	15,538,658	37,999,335						
Food and Beverage Stores-445	110,135,346	131,221,904	(21,086,558)						
Health and Personal Care Stores-446	41,377,974	8,502,498	32,875,476						
Gasoline Stations-447	94,861,340	43,487,424	51,373,916						
Clothing and Clothing Accessories Stores-448	34,487,016	7,640,467	26,846,549						
Sporting Goods, Hobby, Book, Music Stores-451	13,590,219	2,311,817	11,278,402						
General Merchandise Stores-452	99,713,780	29,746,232	69,967,548						
Miscellaneous Store Retailers-453	15,969,171	7,499,569	8,469,602						
Non-Store Retailers-454	45,492,095	1,709,604	43,782,491						
Foodservice and Drinking Places-722	76,365,249	60,255,152	16,110,097						
GAFO *	183,501,594	49,747,061	133,754,533						

\*GAFO (General merchandise, Apparel, Furniture and Other) represents sales at stores that sell merchandise normally sold in department stores. This category is not included in Total Retail Sales Including Eating and Drinking

Source: Clarita



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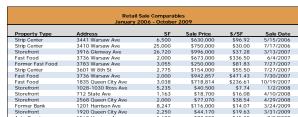
# **Retail Sale Comparables**



3410 Warsaw Avenue



3916 Glenway Avenue





1835 Queen City



712 State Avenue











#### **Retail Demand Model**



Half Mile Radius									
	2009 Demand	2009 Supply	Opportunity	SF@	SF@	\$500 @	\$400@		
Retail Stores	(Consumer Expenditures)	(Retail Sales)	Gap/(Surplus)	\$500	\$400	80%	80%		
Total Retail Sales Incl Eating and Drinking Places	26,613,763	11,202,218	15,411,545	30,823	38,529	24,658	30,823		

One Mile Radius								
	2009 Demand	2009 Supply	Opportunity	Sales @	Sales @	\$500 @	\$400@	
Retail Stores	(Consumer Expenditures)	(Retail Sales)	Gap/(Surplus)	\$500	\$400	50%	50%	
Total Retail Sales Incl Eating and Drinking Places	110,024,046	34,669,930	75,354,116	150,708	188,385	75,354	94,193	

	Two Mil	e Radius					
	2009 Demand	2009 Supply	Opportunity	Sales @	Sales @	\$500 @	\$400@
Retail Stores	(Consumer Expenditures)	(Retail Sales)	Gap/(Surplus)	\$500	\$400	25%	25%
Total Retail Sales Incl Eating and Drinking Places	715,107,898	331,867,939	383,239,959	766,480	958,100	191,620	239,525

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# Office Sale Comparables







3724 St Lawrence Ave

	Office S	ale Comparable	96								
Office Sale Comparables  January 2006 - October 2009											
Proporty Type Address SE Sale Brise \$/SE Sale Date											
Property Type	Address	SF	Sale Price	\$/SF	Sale Date						
Property Type Office	Address 3724 St Lawrence Ave	<b>SF</b> 1,408	Sale Price \$50,000	\$/SF \$35.51	Sale Date 12/23/2008						

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# Office Lease Comparables









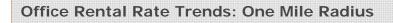


1805-1811 Dalton Avenue

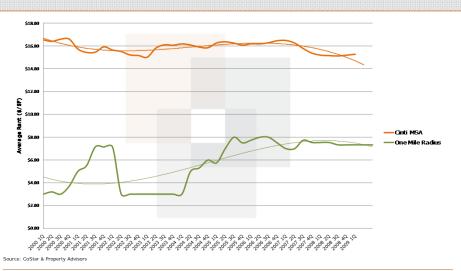
		Office Lea	ise Comparable	s		
Property	Address	Total Building SF	Available SF	Vacancy Rate	Rental Rate (\$/SF)	Expenses
	1832 Westwood Avenue	6,500	6,500	100%	\$4.24	Modified Gross
	1805-1811 Dalton Aven	20,000	20,000	100%	\$6.00-\$10.00	Net
Provident Center	801 Linn Street	57,010	19,898	35%	\$14.50	Full Service
	652 State Avenue	9,620	720	7%	\$8.33	Net
	1824 Westwood Ave	12,534	6,500	52%	\$4.24	Net

Source: CoStar & Property Advisors

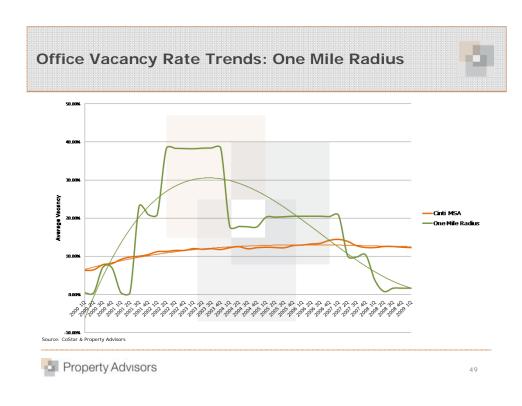


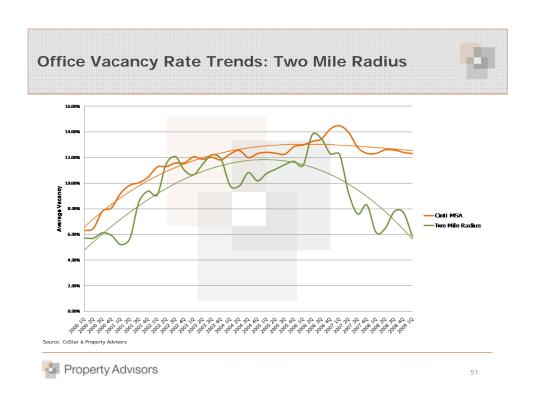




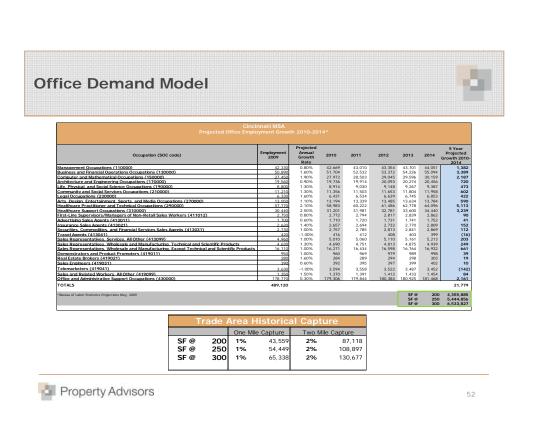


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# **Land Sale Comparables**



		nd Sale Comp ery 2006 - Oc				
Property Type	Address	AC	Sale Price	\$/AC	Sale Date	Assessed Value
Vacant Land	2486 White St	0.61	\$545,000	\$893,443	6/6/2007	\$9,700
Vacant Land	3408-3415 W Eighth St	0.34	\$160,000	\$470,588	6/2/2009	\$81,280
Vacant Land	Ernst Street	7.70	\$390,000	\$50,649	6/4/2009	\$41,810
Vacant Land	3828 Glenway Ave	1.11	\$295,000	\$265,766	Under Contract	\$173,950





Ernst Street

3828 Glenway Avenue

Source: CoStar & Property Advisors



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# **Industrial Sale Comparables**



		Sale Comparal 2006 - October 2			
Property Type	Address	SF	Sale Price	\$/SF	Sale Date
Reichert Paper	1233 Findlay St	32,000	\$459,000	\$14.34	8/1/2006
Warehouse	917 State Ave	3,800	\$120,600	\$31.74	10/12/2006
Warehouse	3262-3274 Beekman St	90,000	\$515,000	\$5.72	10/31/2006
Warehouse	2929 Spring Grove	43,000	\$410,000	\$9.53	4/2/2007
Warehouse	3111 Spring Grove	30,000	\$1,060,000	\$35.33	4/25/2007
Kanet Productions	3200 Beekman St	22,200	\$250,000	\$11.26	5/15/2007
Manufacturing	1262 State Ave	210,000	\$1,410,000	\$6.71	10/5/2007
Warehouse	1101-1109 Alfred St	60,805	\$1,415,000	\$23.27	1/18/2008
Hill Floral Products	1130 Findlay St	37,706	\$1,460,000	\$38.72	2/1/2008
Warehouse	1520-1540 Tremont St	160,000	\$600,000	\$3.75	1/8/2009
Manufacturing	2091 Radcliff Dr	24,560	\$1,300,000	\$52.93	5/5/2009
Superior Door	2885 Spring Grove	30,400	\$137.500	\$4.52	7/16/2009







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# Industrial Lease Comparables







3265 Colerain Avenue

3219-3245 Colerain Avenue

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		muustriarLe	ase comparable	25		
Property	Address	Total Building SF	Available SF	Vacancy Rate	Rental Rate (\$/SF)	Expenses
Порсиу	3265 Colerain Avenue	130,000	24,000	18%	\$2.25	Net
WM Powell Building	3219-3245 Colerain Ave	200,000	100,000	50%	\$2.50 - \$5.50	Full Service
Johnstone Supply	1212 Dalton Avenue	45,750	12,000	26%	\$5.50-\$5.75	Modified Gross
Whiteway Spaulding	1736 Dreman Ave	172,534	171,842	100%	\$2.10-\$3.35	Full Service
	1531 Tremont Street	108,230	108,230	100%	\$2.75	Full Service

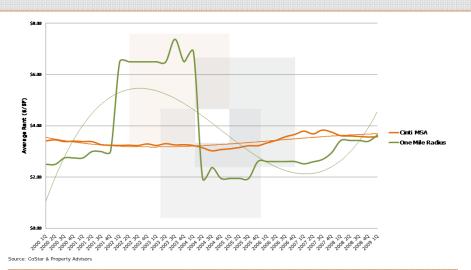
1531 Tremont Street

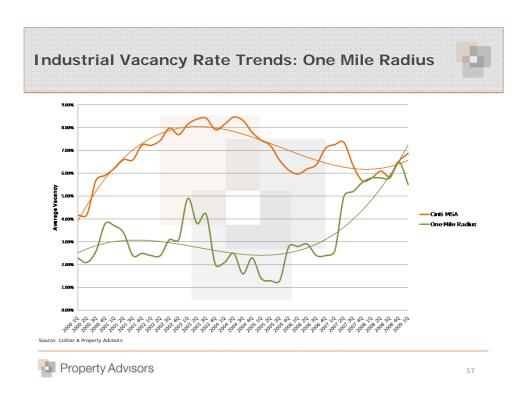
Source: CoStar & Property Advisors

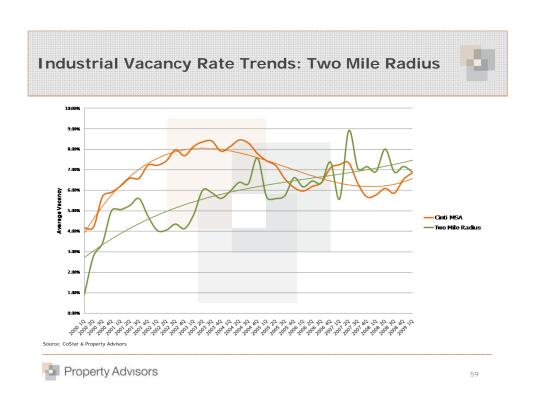


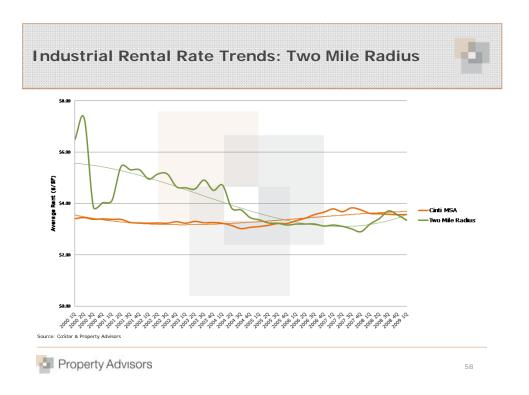
# **Industrial Rental Rate Trends: One Mile Radius**

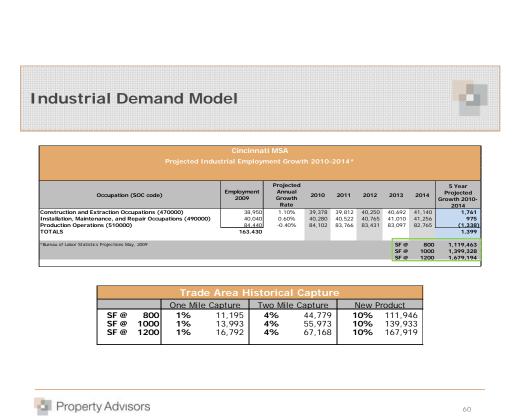












#### **Commercial Absorption Conclusions**



	Focus Area Demand Conclusions Five Year Protential Demand Conclusions											
Product Type	Product Type Worst Case SF Best Case SF Most Likely SF											
Retail	25,000	30,000	190,000	240,000	75,000	95,000						
Office	45,000	90,000	65,000	130,000	55,000	110,000						
Industrial	11,000	45,000	110,000	170,000	100,000	125,000						
	,	2,222	-,	.,		-,						
Totals	81,000	165,000	365,000	540,000	230,000	330,000						
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#### Summary Observations (cont'd.)



- Commercial
  - Abundance of large apartment complexes
  - Mixed-use sales below auditor values
  - ☐ Retail Gap indicates \$ leakage in all three trade areas
  - ☐ Very little to no new retail product west of I-75 within 2 miles
  - ☐ Retail building sale comparables \$10 \$40 per square foot
  - ☐ Office rental rates \$6 \$8 per square foot lower than MSA
  - Office vacancy lower than MSA (result of lack of supply)
  - ☐ Land sale comparables typically transfer higher than auditor values
  - ☐ Industrial rents \$3.50 \$6.00 per square foot
  - ☐ Trade area industrial trends reflect MSA trends



**Summary Observations** 



#### Demographics

- □ Projected decline in number of households greater than surrounding market
- ☐ Low average household incomes compared to Hamilton County
- ☐ Low educational attainment (60% High School or less)
- □ Concentrated urban youth population (40%+ younger than 25 years)
- Mixed income with a gap in households earning greater than \$50,000 (key to retailers and credit tenants)

#### Residential

- Declining sales clip (comparable to surrounding region) with declining average sale prices
- Outdated, low value housing stock needs renovated or replaced
  - Average market values less than \$50,000
- Average rents of less than \$600/month
  - \$0.50 \$0.75 per square foot



62

#### Summary Observations (cont'd.)



#### General

- Queen City Ave. & Westwood Ave. heavily traveled (positive for commercial prospects)
- Opportunity to capture westward traffic
- ☐ Urban "spray park" represents public asset to neighborhood
- Neighborhood presents significant safety perception challenges for development
  - Blighted properties reflect lack of investment
- ☐ East of Grand Ave. most likely to attract development first
- Advantageous location characteristics
  - Close to I-75, downtown Cincinnati
  - Located on bus line
  - GO Cincinnati focus area
- Qualifies for distressed community incentives & programs



#### Recommendations



- ☐ Floor Area Ratio of 1.0
  - Optimize acquisition cost as percentage of total project value
  - Helps create sense of place
- Generally, multifamily rents will need to be \$1.00/SF to make development feasible
  - □ Subsidy may be necessary to maintain mixed-income component
  - ☐ Units should be less than 1,000 SF on average
- Residential for sale product priced \$150,000 or less
- Investigate partnerships
  - Cincinnati Water Works
  - Orion Academy
  - Central Fairmount Public School
  - U.S. Public Service Academy
- Commercial rent targets (initial)
  - Retail: \$8 \$12 NNN/SF
  - Office: \$8 \$14 NNN/SF
  - ☐ Industrial: \$3.50 \$4.50 NNN/SF
- ☐ Identify & court target employment centers ahead of development



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#### Stage II Expectations & Deliverables



- Outline 2-3 mixed-use development scenarios of commercial/housing mix, sales/rents, and development intensity/form based upon MSD's conceptual designs and inputs from Stage I Market Analysis
- Develop case studies of similar wet weather solutions and subsequent redevelopment to obtain benchmarks for potential property value impacts
- Collaborate with MSD to apply market analysis and case studies to estimate the potential tax base increase and MSD revenues resulting from the redevelopment scenarios
- Provide financing structures to model initial and future stabilized cash flows necessary to control the core land needed for the MSD Green Program as well as redevelop the surrounding neighborhood in a viable mixed-use development
- Evaluate and define gap financing and capital sourcing options available to promote a sustainable mixed-use redevelopment along the MSD Green Program Focus Area



47

#### Recommendations (cont'd.)



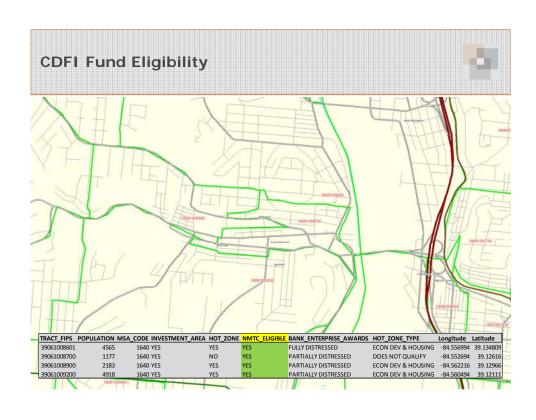
- ☐ Creative financial modeling will be key to feasibility
  - ☐ Credit tenants will require incentives
    - Tenant improvement allowance
    - Variable lease structures (rent as % of revenue)
    - Free rent
  - ☐ Patient capital/assets (cash, land, improvements)
  - Leveraged NMTC model
  - TIF
  - Tax Abatements
  - Special Assessments
  - ☐ Small business loans for local retailers/office users
  - Neighborhood Stabilization Program
    - · Acquisition, demolition, redevelopment, buyer financing
  - Property owner investment opportunities
  - ☐ Federal, State, & Local sources (Clean Ohio, ODOT)



66

#### **Neighborhood Market Analysis**

#### **Appendix**



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Cincinnati (West/Central)												
		2005		2006		2007		2008	Q	1Q2 - 08	Q	1Q2 - 09
Residential Property Transfers		6,374		6,002		4,749		3,554		1,963		1,549
Average Transfer Price	Ś	131.000	\$	132.400	Ś	132,700	Ś	125.400	Ś	131.500	Ś	108,500
Average manager ritte	Y	131,000	7	152, 100	-			-,	-			,
•	, 	131,000	7	152,100							_	
1/4 Mile Focus Area Buffer	7	2005	<u> </u>	2006	7	2007	T	2008	Q	1Q2 - 08	Q	1Q2 - 09
•	,	,			7		7	<b>2008</b> 39	Q	,	Q	

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# Residential Detail (within 1/4 mile Focus Area Buffer)



General Residential Land Use	Count	% of Total	Average arket Value
Single Family	528	71%	\$ 40,830
Duplex	147	20%	\$ 44,545
Triplex	32	4%	\$ 56,000
Miscellaneous	11	1%	\$ 58,050
Vacant	25	3%	\$ 16,900
Total	743		\$ 41,700

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70

# Floor Area Ratio - Examples



## **Montgomery Triangle**

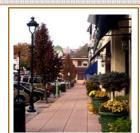
Building Size - 42,000 SF
Site Size - 0.87 Acres

AR - 1.0





# Floor Area Ratio - Examples



# Hyde Park Square

Building Size - 191,312 SF

Site Size - 4.5 Acres

FAR - 0.96





