Data Systems Workshop

Housing and Community Development Network Summer Institute



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Today's Topics

□Introduce NEO CANDO/Center on Urban Poverty and Community Development □ Introduce Cuyahoga County Land Reutilization Corp (CCLRC) ☐ Types of property data systems ☐ Basics of property information □ Designers and maintainers of these systems **DNEO CANDO** □CCLRC data systems □Other data □Questions/Discussion



NEO CANDO/Center on Urban Poverty and Community Development



Cuyahoga County Land Reutilization Corporation (CCLRC)

☐ To facilitate the reclamation, rehabilitation and reutilization of vacant, abandoned, tax-foreclosed or other real property
☐To efficiently hold and manage that real property pending its reclamation, rehabilitation and reutilization
☐To assist governmental entities and other non-profit or for-profit entities in the assembly of that real property and the clearing of title in a coordinated manner
☐To promote economic and housing development of the county or region



Mission

The Mission of the Cuyahoga County Land Reutilization Corporation is to strategically acquire properties, return them to productive use, reduce blight, increase property values, support community goals and improve the quality of life for county residents.



CCLRC

What is the Cuyahoga County Land Reutilization Corporation ("CCLRC")?

- Non-Profit "Government Purposed" Corporation Under Section115
- Quasi Governmental Corporation

Incorporated by the County Treasurer

Stand-Alone Independent Corporation

Governmental Powers (Land Banking)

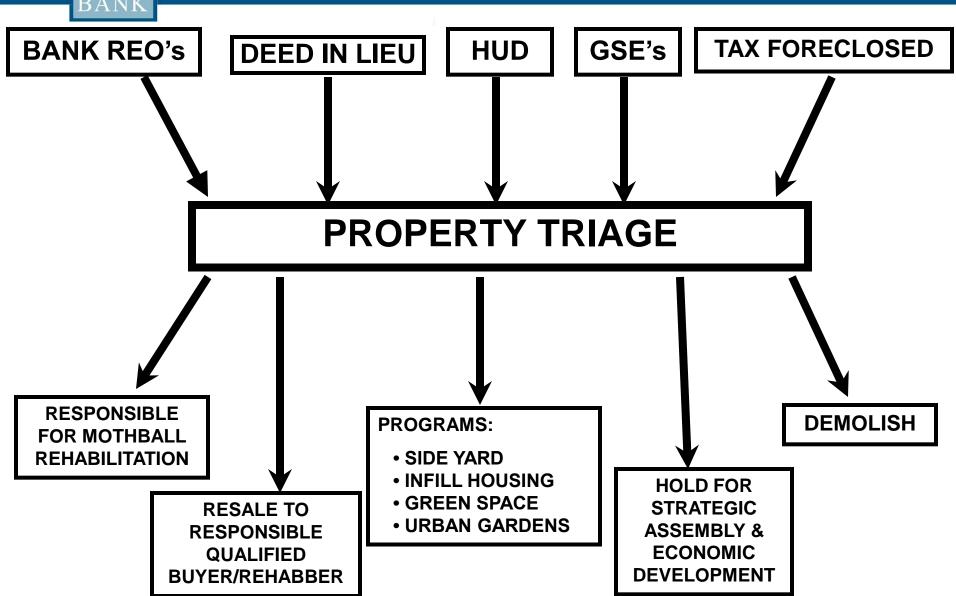
Private Enterprise Transactional Capabilities

Transactional Powers

buy, sell, lend, borrow, issue bonds, etc.



What Does the CCLRC do?



DATA AND DATA MANAGEMENT AT THE PARCEL LEVEL IS ESSENTIAL TO EVERYTHING THE CCLRC DOES



Types of Property Information Systems

9	nicipalities/quasi-governmental their business at the property level
☐Systems that allow CD and do project managem	Cs/nonprofits to track their projects nent
☐Systems that integrate CANDO/NNIP model)	existing public data (NEO



Basics of Property Information

□ Data tied to a unique property that has distinct ownership Address (multiple addresses per parcel [multi family]) Parcel/PIN (multiple parcels per address [large building]) Lot/block

Owner names should be standardized (Deutsche Bank is spelled at least 100 different ways in Cuyahoga County Auditor data)

☐Maintained by:

Municipality (code enforcement, use, zoning, occupancy)

County (taxes, deeds and real estate, mortgages, foreclosure notices/sales) [some places municipality also handles county functions]



Property Information System Developers

	PRO	CON
Access/Excel/ArcGIS	Inexpensive, quick implementation, ubiquitous	Multiple copies of same info, simultaneous editing issues, lack of validation
Off the shelf/out of box (a lot of niche code enforcement products)	Can be implemented quickly	Usually for one purpose, hard/expensive to customize
Custom application development internally	Customized to specific needs of department/organization, small changes are quick and easy	Need IT staff, competes with other projects, could take time to develop
Small local software developers	Customized to specific needs of department/organization	Need to involve developer every time a change is needed, could take time to develop
Enterprise solution	All data for organization is tracked in one place (code enforcement/garbage collection, utility billing, etc)	Very expensive, multiyear implementation, different departments competing
Nonprofits, colleges and universities	Good at developing systems that integrate property data across sources that provide powerful analysis operations	May not be in mission to build systems for government operation



State of Parcel Based Data in Cleveland and Cuyahoga County, OH

- □City and county are really good at putting basic property information online at the parcel level you can look up one parcel, owner or street at a time. ☐ you also have to visit multiple sites (auditor, recorder, CCLRC, court, sheriff, city dept of BandH [Building and Housing], etc) ☐ New parcel data sources (foreclosure filings are related to a property, but prior to 2005, the subject property was never referenced in the electronic court docket) □City and county are really good at putting basic web GIS products that attempt to cut across silos
 - However there is a line dividing data for transparency purposes and data for community analysis purposes



System that Integrates Existing Public Data – NEO CANDO

- ☐ Identify properties that meet specific criteria in a geography (tax delinquent and condemned in a particular CDC target areas)
- □ Property "research" [lower case "r"] (trend analysis)

 Number of condemnations, demolitions, interventions, etc aggregated to
 - target area/neighborhood/county/municipal level
- ☐ Property "Research" [capital "R"] (using data to create more data)
 - "Pathways to Foreclosure report" Research report combining foreclosure filings, foreclosure deeds, HMDA, mortgage recordings, vacancy data, etc allowed us to then identify those at risk for foreclosure, which then lead to outreach by foreclosure counselors.

Most of these data exist in public websites, but none of this is possible without data intermediary

Cuyahoga County Foreclosure Filings: 2006 - 2010

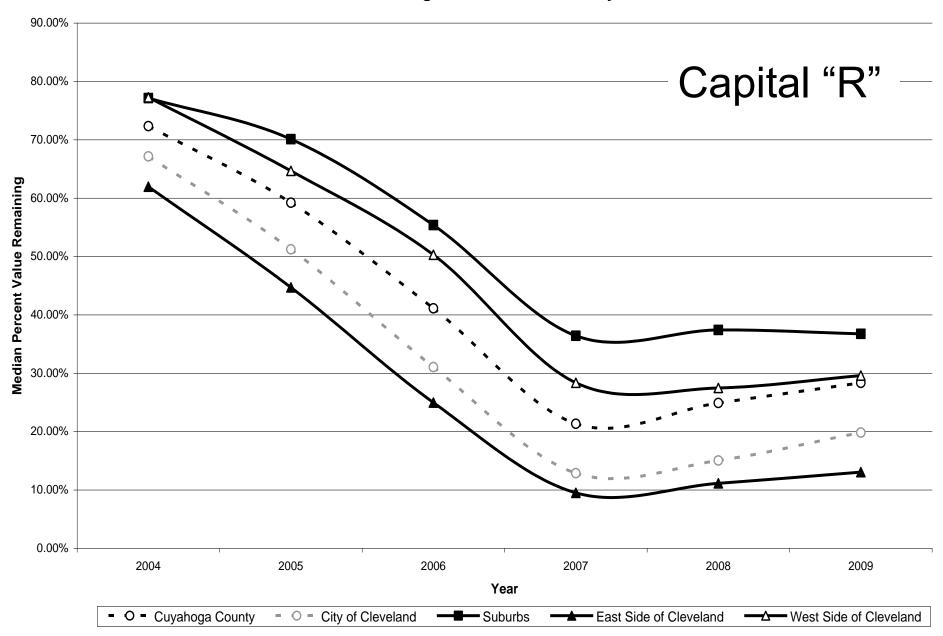
All Foreclosure Filings (mortgage, tax and BOR combined)									
					2009 Change		2010 Change		
	2006	2007	2008	2009	from 2007	2010	from 2007		
East Side of Cleveland	5,486	5,716	4,835	4,691	-18%	3,952	-31%		
West Side of Cleveland	1,998	2,106	2,279	2,315	10%	1,970	-6%		
East Inner Suburb	3,276	3,507	3,714	3,432	-2%	3,609	3%		
West Inner Suburb	879	1,103	1,246	1,418	29%	1,328	20%		
Outer Suburb	1,773	1,946	2,386	2,566	32%	2,641	36%		
Unknown Geography	449	604	349	375	-38%	279	-54%		
Cleveland	7,484	7,822	7,114	7,006	-10%	5,922	-24%		
Cuyahoga County	13,861	14,982	14,809	14,797	-1%	13,779	-8%		

Mortgage Foreclosure Filings									
		2009 Change					2010 Change		
	2006	2007	2008	2009	from 2007	2010	from 2007		
East Side of Cleveland	4,345	4,354	3,362	2,407	-45%	2,174	-50%		
West Side of Cleveland	1,710	1,869	1,950	1,887	1%	1,718	-8%		
East Inner Suburb	2,937	3,201	3,314	2,982	-7%	3,144	-2%		
West Inner Suburb	828	1,046	1,131	1,322	26%	1,232	18%		
Outer Suburb	1,587	1,812	2,099	2,374	31%	2,458	36%		
Unknown Geography	324	352	248	278	-21%	198	-44%		
Cleveland	6,055	6,223	5,312	4,294	-31%	3,892	-37%		
Cuyahoga County	11,731	12,634	12,104	11,250	-11%	10,924	-14%		

202 17 5 1 500									
BOR and Tax Foreclosure Filings									
			- 1		2009 Change		2010 Change		
	2006	2007	2008	2009	from 2007	2010	from 2007		
East Side of Cleveland	879	1,150	1,232	1,781	55%	1,663	45%		
West Side of Cleveland	214	119	238	244	105%	224	88%		
East Inner Suburb	144	165	277	221	34%	294	78%		
West Inner Suburb	20	17	57	40	135%	37	118%		
Outer Suburb	88	74	159	78	5%	95	28%		
Unknown Geography	37	192	71	77	-60%	58	-70%		
Cleveland	1,093	1,269	1,470	2,025	60%	1,887	49%		
Cuyahoga County	1,382	1,717	2,034	2,441	42%	2,371	38%		

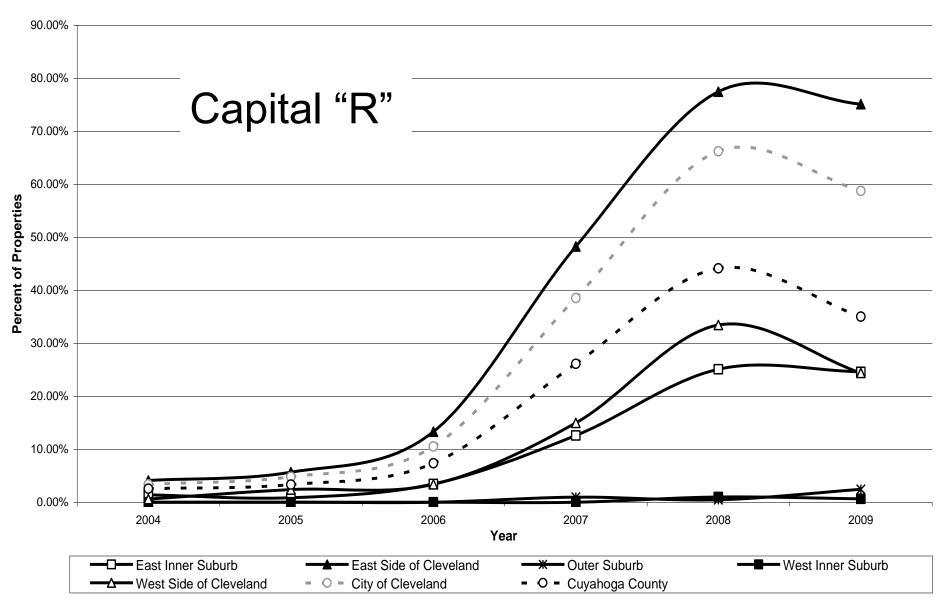
Lower case "r"

Median Percent of Value Remaining After Sheriff's Sale, by Year of Sheriff's Sale



Prepared by: Center on Urban Poverty and Community Development, Mandel School of Applied Social Sciences, Case Western Reserve University. Source: NEO CANDO (http://neocando.case.edu), Tabulation of Cuyahoga County Auditor Data.

Percentage of all REO properties sold at extremely distressed prices of \$10,000 or less, Cuyahoga County, 2004-2009



Prepared by: Center on Urban Poverty and Community Development, Mandel School of Applied Social Sciences, Case Western Reserve University. Source: NEO CANDO (http://neocando.case.edu). Tabulation of Cuvahoga County Auditor Data.



NEO CANDO – Data Access

☐ Social and Economic data (pre aggregated for trend analysis)

Property data combined with Census, Crime, Public Assistance, etc

All data publically accessible

CDCs/nonprofits/government) [foreclosure filing/sheriff sales]

- □ Property Data section (individual property data available across silos)
 Sales, foreclosure, sheriff, characteristics, taxes, market values
 Most data publically accessible (data on sensitive issues are limited to
- NST database (Neighborhood Stabilization Team) Specific purposed parcel based application that merges together the last record from every source, allows users to enter their own data

Accessible to only trained partners (one example CDC code enforcement partnership)

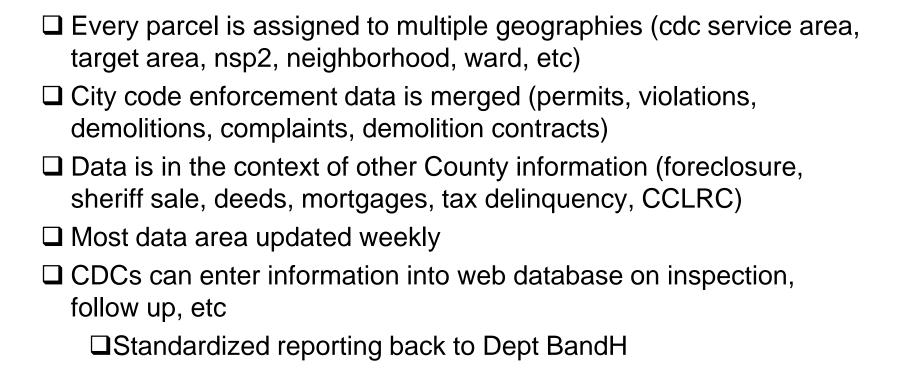


Cleveland's code enforcement partnership (non-profit/cdc data systems)

C[DCs are eyes and ears on the ground for City Dept of BandH
	☐ Funded by block grant dollars
	☐ CDCs systematically inspect parts of their ward on a 3 year schedule (Concentrated inspection area - CIA)
	CDC first tries to get volunteer compliance on routine items (gutters, junk cars, pealing paint) through letter/outreach [good cop]
	Routine complaints that come to City Dept of BandH complaint center are assigned to CDC through email
	☐ Non compliance leads to inspection from Dept of BandH [bad cop]
	☐ Gives more time for Dept of BandH to deal with condemnations and serious issues
	☐ Built in feedback loop (CDCs can refer complaint to Dept of BandH and they can now see violation info in NST)

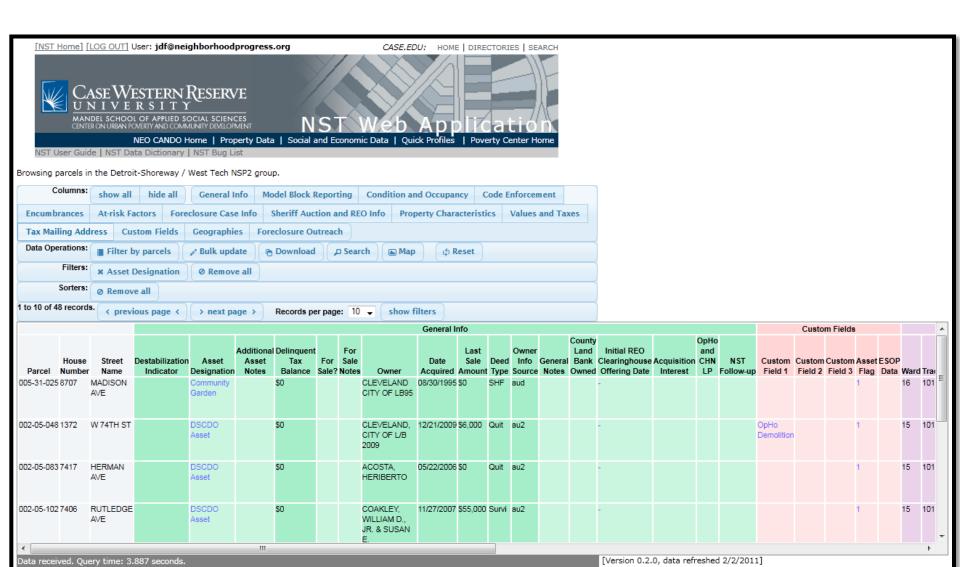


NEO CANDO - NST



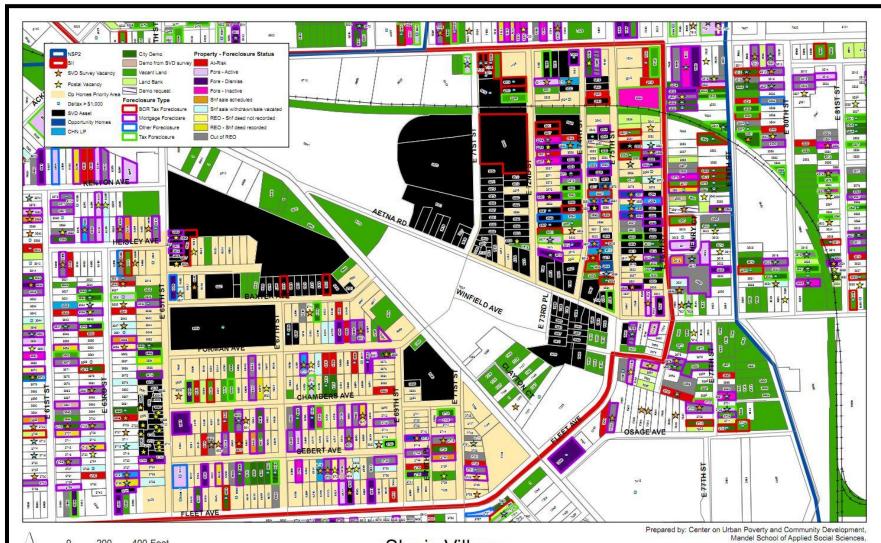


NST - Interface





NST – Maps





Data Systems for Governments – (code enforcement)

□ Everything tied to a parcel number □Track status □ Reports □ Photos □ Assignments ☐Scheduling and ticklers □Auto-document creation ■Web based (work out in field/transparency) □Easily exportable (transparency/analysis)



CCLRC – Property Profile System

☐Internal data system at CCLRC

Tied to NEO CANDO

Tied to CCLRC financial system (we need to know dollars spent on each property)

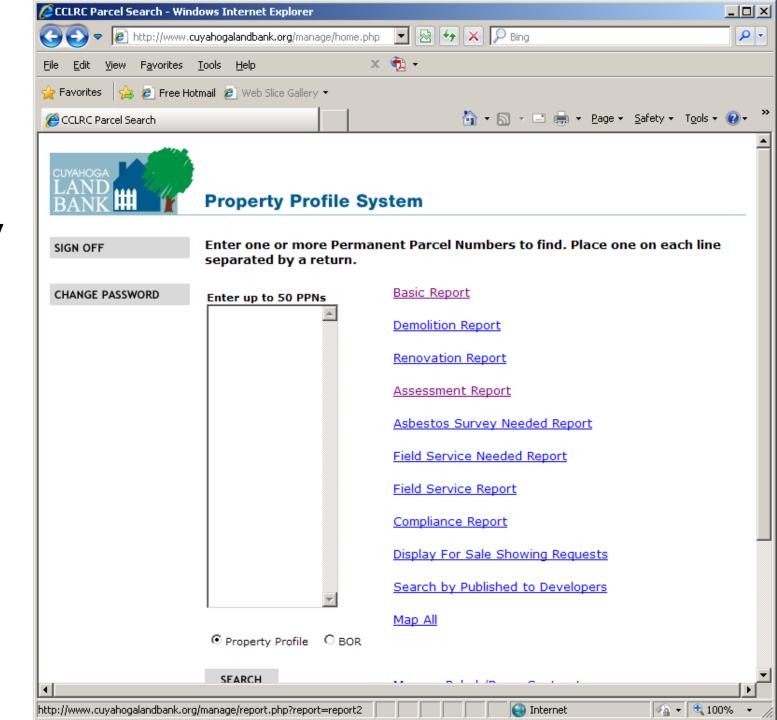
As internal status change, status changes on public website

Property assessments data entry done in field via droid

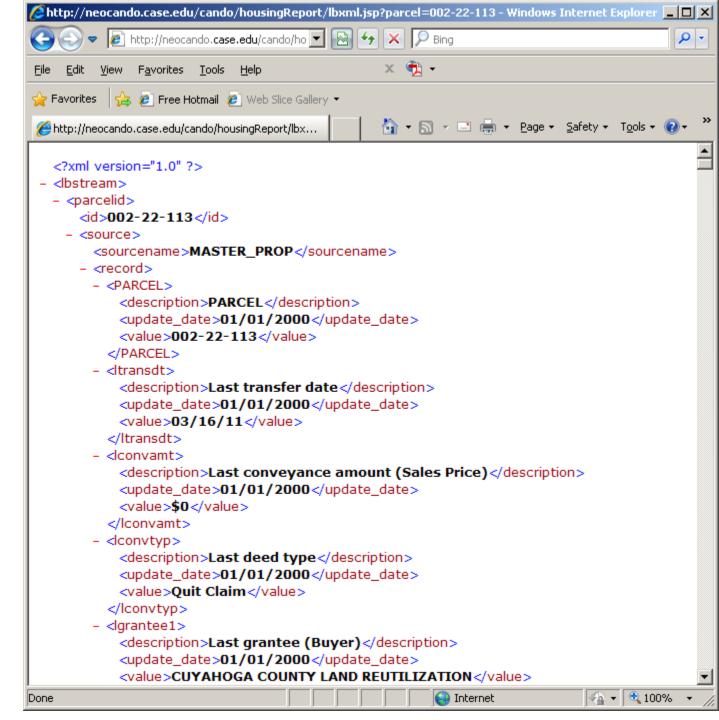
Assign tasks to employees and contractors through system

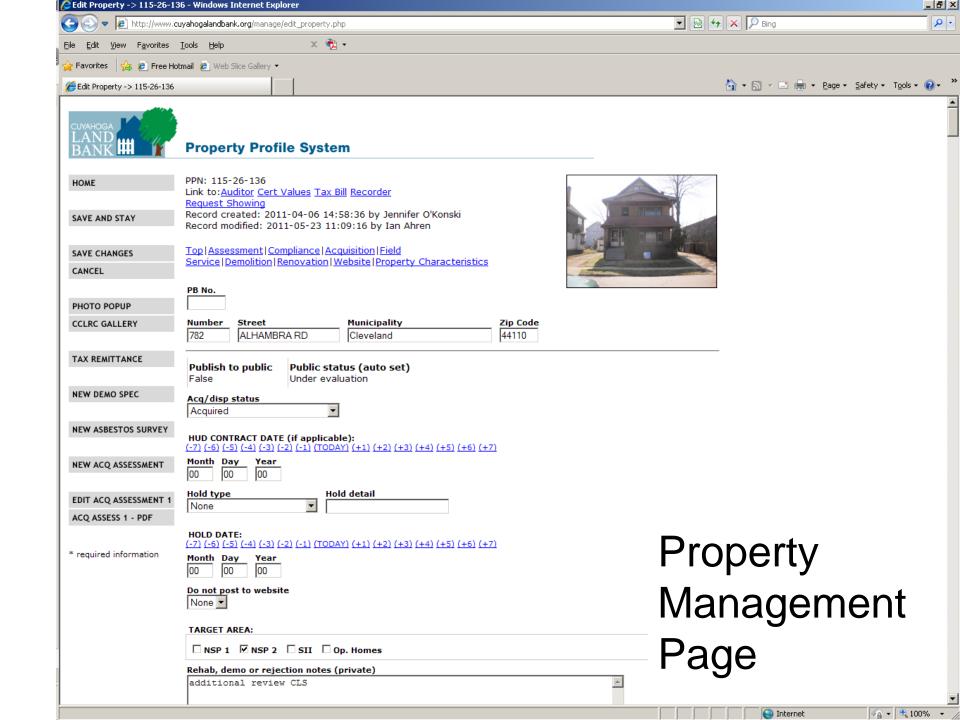
Demo and asbestos abatement contractors can enter scheduling information

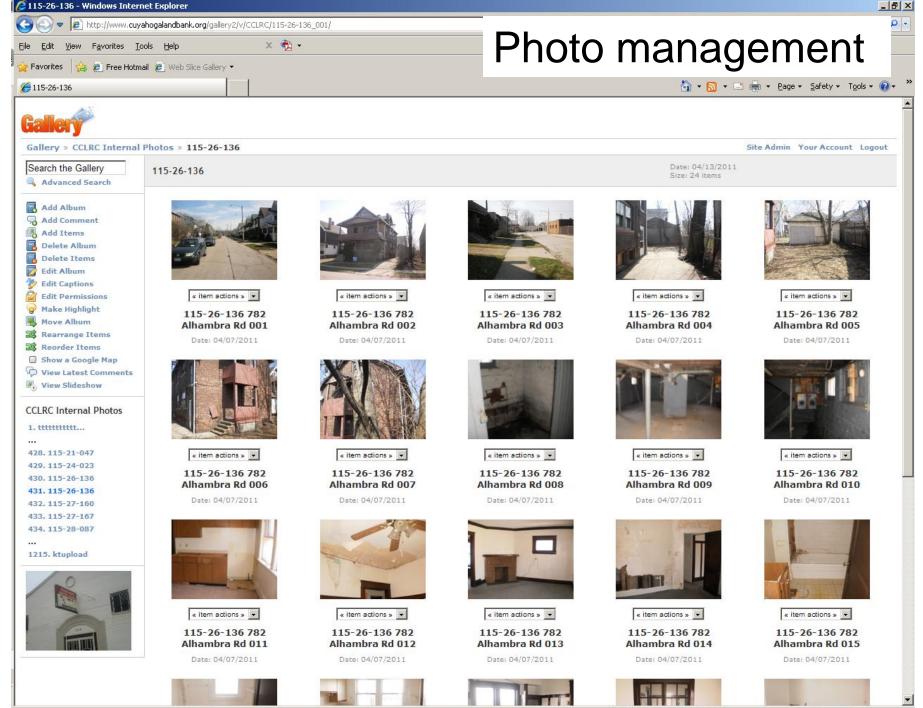
Property Profile Entry Screen

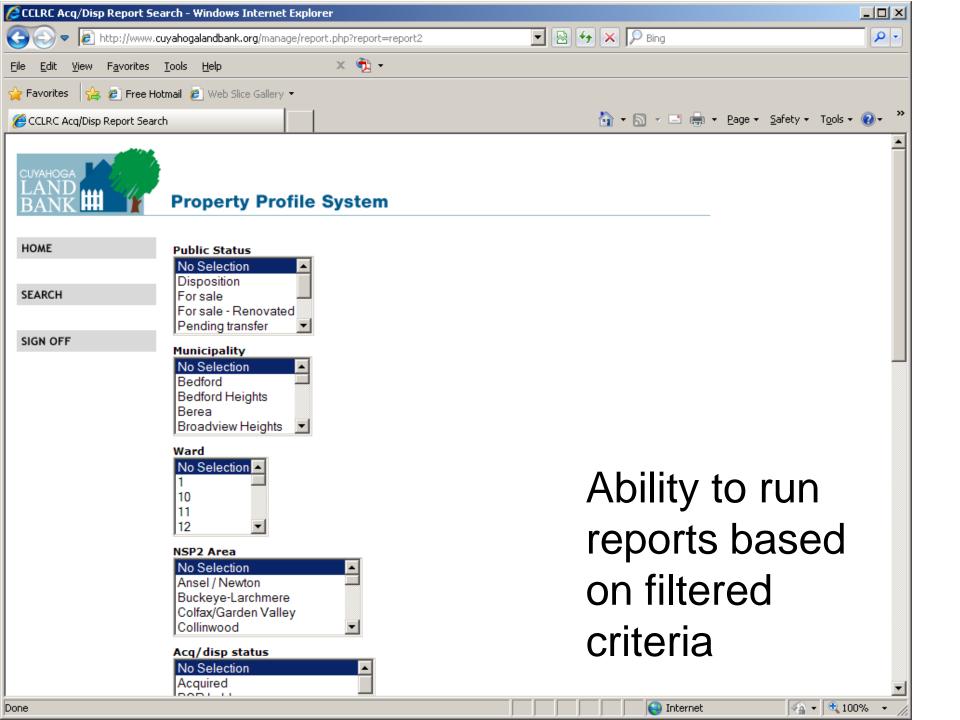


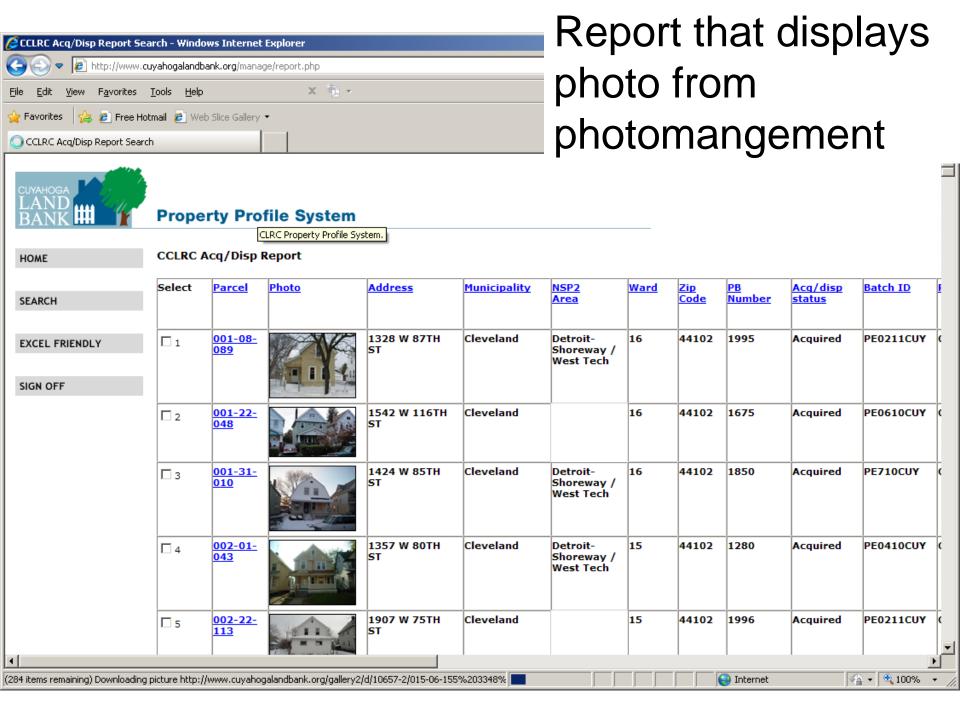
XML Stream from NEO CANDO

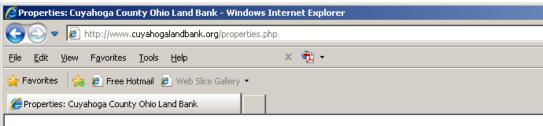












Status changes when internal data change

Internet



Home Page

About the Land Bank

Demolition and Vacant Lot Re-Use

Housing

Inspection and Property Preservation Services

Strategic Land Assembly

Land Bank Properties

Frequently Asked Questions

In the News

Public Notices

Forms Links

Contact Us

Cuyahoga County Land Reutilization Corp. Suite 160 323 W. Lakeside Cleveland OH 44113 (216) 698-8853 (216) 698-8972 fax

All Land Bank Properties

Click on an underlined column title to sort by that column.

Click to show only For sale Land Bank Properties.

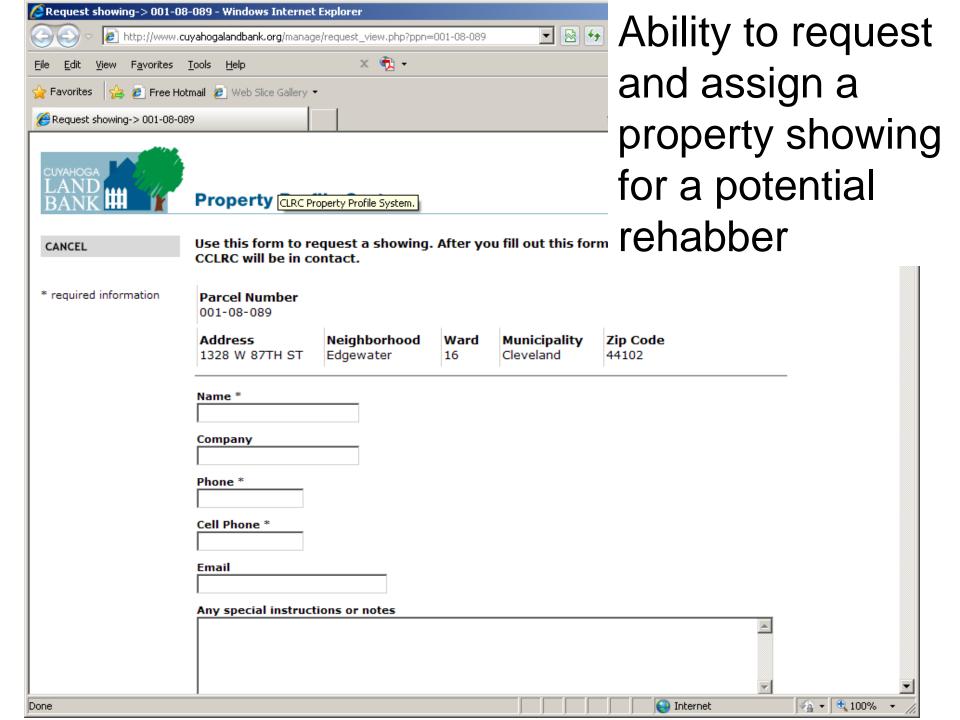
Cities have first right of refusal for properties within their jurisdictions for the first 30 days after a property is posted on this website.

Make your best offer on properties listed "For sale"

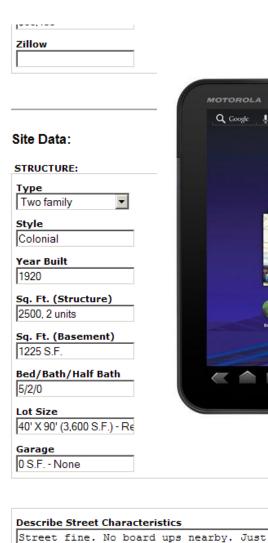
Property Transfer Policy

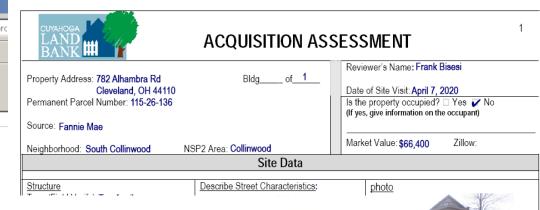
Property Purchaser Application

Parcel no.	<u>Date</u> posted		Municipality	Cleveland Ward	Address	<u>Bldqs</u>	<u>Status</u>
015-14-104	05-25-2011	<u>NEW</u>	Cleveland	<u>14</u>	3552 W 32ND ST	<u>1</u>	Sched for demolition
016-18-098	<u>05-25-2011</u>	<u>NEW</u>	Cleveland	<u>15</u>	3492 W 52ND ST	<u>1</u>	Sched for demolition
016-22-088	<u>05-25-2011</u>	<u>NEW</u>	Cleveland	<u>14</u>	3648 W 48TH ST	<u>1</u>	Under evaluation
104-20-044	<u>05-25-2011</u>	<u>NEW</u>	Cleveland	<u>7</u>	5701 QUIMBY AVE	<u>1</u>	For sale (List: \$8,000)
109-22-127	05-25-2011	NEW	Cleveland	<u>9</u>	1115 E 113TH ST	<u>1</u>	Sched for demolition
110-29-055	05-25-2011	NEW	Cleveland	<u>9</u>	1269 E 123 ST	<u>2</u>	Sched for demolition
112-13-067	<u>05-25-2011</u>	NEW	Cleveland	<u>10</u>	15013 LUCKNOW AVE	<u>1</u>	Under evaluation
113-22-010	05-25-2011	<u>NEW</u>	Cleveland	<u>11</u>	1120 E 171ST ST	<u>1</u>	For sale (List: \$10,350)
<u>115-26-136</u>	<u>05-25-2011</u>	<u>NEW</u>	Cleveland	<u>11</u>	782 ALHAMBRA RD	<u>1</u>	Under evaluation
116-27-084	<u>05-25-2011</u>	<u>NEW</u>	Cleveland	<u>11</u>	1542 E 174TH ST	<u>1</u>	For sale (List: \$9,075)
119-29-039	<u>05-25-2011</u>	<u>NEW</u>	Cleveland	<u>6</u>	2256 E 86TH ST	<u>1</u>	Sched for demolition
123-31-047	<u>05-25-2011</u>	<u>NEW</u>	Cleveland	<u>5</u>	3305 E 49TH ST	<u>1</u>	Sched for demolition
125-30-043	<u>05-25-2011</u>	<u>NEW</u>	Cleveland	<u>12</u>	3298 REGENT RD	<u>1</u>	Sched for demolition
131-35-075	05-25-2011	NEW	Cleveland	<u>12</u>	3679 E 54TH ST	<u>1</u>	Under evaluation
134-13-106	05-25-2011	NEW	Cleveland	<u>2</u>	8020 GOODMAN AVE	<u>1</u>	Sched for demolition
134-20-044	<u>05-25-2011</u>	<u>NEW</u>	Cleveland	<u>2</u>	8426 MARYLAND AVE	<u>1</u>	Sched for demolition
134-21-070	<u>05-25-2011</u>	<u>NEW</u>	Cleveland	<u>2</u>	9006 MACOMB AVE	1	Sched for demolition



Document creation – from field







Recommendation

Additional Review

Demolition

Summary:

Home has many nice qualities yet will need many repairs as well. Brick exterior is nice. Hardwood trim and cabs throughout home are nice. Some of the interior doors are very nice. On the other hand, there is water damage on 1st floor ceilings. Walls in many rooms would need to be repaired/replaced. Basement is wet with mold present. Because of the brick exterior and how nice woodwook and some interior doors are, I feel it is worth at least an additional review.

RRN 2102.05



Other Data to be Aware of...

□HUD – USPS <u>ADDRESS</u> vacancy counts (<u>www.huduser.org</u>) at the tract level

□Semaphore Corp – (<u>www.semaphorecorp.com</u>). Address standardizer that also reports on vacancy and nostat. (you have to feed it addresses)

☐HMDA – Loan origination info by tract

□Listsource/Corelogic – You can purchase merged County data on deeds and recordings



Thanks! Questions and Discussion