




NEW YORK CITY
HOUSING DEVELOPMENT
CORPORATION

MEMORANDUM

TO: Members of the Audit Committee
FROM: Ellen Duffy 
SUBJECT: Monthly Debt Report for August 31, 2013
DATE: SEPTEMBER 18, 2013

Attached please find HDC's debt report for the month of August 2013.

The Corporation issued one series of Open Resolution bonds in July totaling \$40.14 million. There was no bond issuance in August.

Redemptions in July totaled \$90.26 million from thirteen series of Open Resolution bonds, including some series of NIBP bonds. There were no bond redemptions in August.

HDC's debt outstanding as of June 30, 2013 is approximately \$8.97 billion. The Corporation's statutory debt capacity stands at \$11.25 billion.

HDC Debt -- Monthly Report of August 31, 2013

Total HDC Debt		Open Resolution		New Issue Bond Program		Stand-Alone Bonds		MF Secured Resolution		Total HDC Bonds		
Outstanding Principal	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent
Fixed Rate	3,127,835,000	77.0%	387,530,000	100%	440,640,000	10%	61,010,000	100%	3,997,015,000.00	45%		
Var-Term	159,915,000	3.9%	-	0%	-	0%	-	0%	159,915,000.00	2%		
Var-Index (1)	704,520,000	17.3%	-	0%	169,444,397	4%	-	0%	873,964,397.00	10%		
VRDO	69,875,000	1.7%	-	0%	3,867,445,000	88%	-	0%	3,937,320,000.00	44%		
Total	4,062,145,000	100%	387,530,000	100%	4,477,529,397	100%	61,010,000	100%	8,988,214,397.00	100%		
Statutory Limit									11,250,000,000.00			
Remaining Capacity									2,281,785,603.00			20.28%

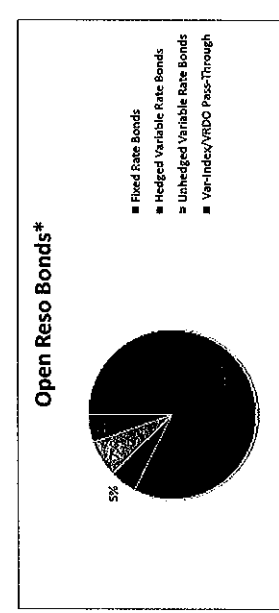
Open Resolution Variable Rate Exposure		Bond Maturity		Rate Reset Period/ Index		Bond Tax Status		Average Bond Rate		Weighted Avg. Loan Rate		Weighted Avg. Spread	
Series	Bond Total	Mortgage Loan Balance	2034	2037	2041	2043	2043	2039	2040	2040	2040	2038	
Var-Index	43,510,000	58,061,937	Quaterly/ 3 M FHLB Swap Rate + 30 bps	Quaterly/ 3 M FHLB Swap Rate + 30 bps	Quaterly/ 3 M FHLB Swap Rate + 30 bps	Quaterly/ 3 M LIBOR + 61 bps	Quaterly/ 3 M LIBOR + 61 bps	Quaterly/ 3 M LIBOR + 48 bps	Quaterly/ 3 M LIBOR + 48 bps	Quaterly/ 3 M LIBOR + 48 bps	Quaterly/ 3 M LIBOR + 48 bps	Quaterly/ 3 M LIBOR + 65 bps	
2002 C	94,740,000	80,867,531	2037	2041	2043	2043	2039	2040	2040	2040	2038		
2008 E	77,020,000	70,172,681 (2)	2041	2043	2043	2039	2040	2040	2040	2038			
2008 F	34,180,000	43,635,858	2043	2043	2039	2040	2040	2040	2038				
2008 J	96,590,000	162,198,373	2043	2043	2039	2040	2040	2040	2038				
2008 K	25,000,000	89,047,377 (3)	2043	2043	2039	2040	2040	2040	2038				
2009 I-2	66,895,000	86,852,896	2043	2043	2039	2040	2040	2040	2038				
2010 H	58,460,000	66,813,117	2043	2043	2039	2040	2040	2040	2038				
2011 F-2	12,540,000	39,902,079	2043	2043	2039	2040	2040	2040	2038				
2011 F-3	55,000,000	174,337,459	2043	2043	2039	2040	2040	2040	2038				
2013 D-2	561,935,000	871,388,707	2043	2043	2039	2040	2040	2040	2038				
Total	212,460,000	237,415,000											
Var-Index/VRDO Pass-Through	42,585,000	67,540,000 (4)	2014	2014	2046	2016	2018	2018	2018				
2012 A	100,000,000	100,000,000 (4)	2046	2046	2016	2018	2018	2018	2018				
2006 J-1	20,765,000	20,765,000 (4)	2016	2016	2018	2018	2018	2018	2018				
2012 K-2	7,500,000	7,500,000 (4)	2018	2018	2018	2018	2018	2018	2018				
2013 B-2	24,000,000	24,000,000 (4)	2018	2018	2018	2018	2018	2018	2018				
2013 B-3	17,610,000	17,610,000 (4)	2018	2018	2018	2018	2018	2018	2018				
2013 B-4	212,460,000	237,415,000	2018	2018	2018	2018	2018	2018	2018				
Total	212,460,000	237,415,000											

Open Resolution Interest Rate CAPs		Bond Maturity	
Outstanding Notional Amount With Goldman Sachs	Amount	Percent	Amount
Strike Rate	223,254,345	(5)	7.35%
Maturity Date	11/1/2032	(6)	44.65%

HDC Short-Term Assets		Hedge Ratio: Short-Term Assets/Variable Debt	
Amount	Percent	Amount	Percent
2013 Volume Cap	44,100,000		
2012 M (New Vol Cap portion)	45,000,000		
Allocation for	180,000,000		
NYC Allocation	100,000,000		
NYS Allocation - HPS Tranche II	90,000,000		
NYS Allocation - June ask			
Used up to 08/31	(425,870,000)		
Balance Available 08/31/13	33,230,000		

Notes

- Includes 2006 J-1 in an amount of \$100,000,000 which has been walled off from the Open Resolution.
- One loan (Dayton Tower) is still advancing; loan prepayment recently received
- The mortgages are collateral for both J-1 (\$0,000,000 outstanding)(fixed) and I-2 (variable)
- The bond is structured as a pass-thru deal and the borrower is responsible for the bond interest, which is fully capitalized.
- Interest rate caps are not legally tied to the associated bond series, therefore provides a hedge to the full Open Resolution variable rate portfolio
- Includes only those assets for which HDC keeps the earnings




Rates of the Index Floating Bonds:	
3 M FHLB Swap Rate	current (9/16/2013) 0.07
3 M LIBOR - current (9/16/2013)	0.25
1 M LIBOR - current (9/16/2013)	0.18
7 D SIFMA - current (9/12/2013)	0.06

Debt Issuance / Key Events	
Debt Issuance in Aug:	0.00
Redemptions in Aug:	0.00



NEW YORK CITY
HOUSING DEVELOPMENT
CORPORATION

MEMORANDUM

TO: Members of the Audit Committee
FROM: Ellen Duffy 
SUBJECT: Weekly Investment Report for September 10, 2013
DATE: SEPTEMBER 18, 2013

Attached please find HDC's investment report for September 10, 2013. Funds under management totaled approximately \$3.2 billion. This amount is somewhat higher than previous balances due to the amount of bonds the Corporation issued on behalf of NYCHA in September. This report reflects routine investment activity.

Weekly Investment Report
Tuesday, September 10, 2013

	9/10/2013	8/13/2013	Weekly Change	10/31/2012	Change 10/31/2012 to Current
Total Investments	3,185,903,199	2,728,456,999	457,446,200	2,627,870,239	558,032,960
Investments by Pool:					
Open Resolution Revenue	167,432,282	146,845,316	20,586,966	224,587,914	(57,155,632)
Project-Related GNMA's	149,523,594	149,918,024	(394,430)	153,388,466	(3,864,873)
Open Resolution DSR	96,244,939	96,174,953	69,986	90,719,628	5,525,311
Open Resolution Capitalized Interest	433,400	2,189,165	(1,755,765)	1,898,351	(1,464,951)
Open Resolution Bond Proceeds	793,877,428	819,477,266	(25,599,839)	788,228,856	5,648,572
Open Resolution Redemption	7,433,498	2,266	7,431,232	44,702,420	(37,268,922)
Open Resolution Prepayment	113,274,638	117,026,187	(3,751,549)	11,794,494	61,480,144
Debt Paydown Reserve Fund	6,536,166	6,535,334	833	16,808,078	(10,271,912)
Non Bonded Proceeds	105,238	105,171	67	493,222	(387,984)
Mitchell-Lama Prepayment	-	-	-	5,162,806	(5,162,806)
NYCHA (Stand Alone, All Funds)	506,129,000	31,185,400	474,943,600	31,164,000	474,965,000
Bond Proceeds, Non-OR	114,353,629	123,909,821	(9,556,192)	75,802,937	38,550,692
HPD Participating Loan (Schermerhorn)	4,371,167	4,679,307	(308,141)	7,058,080	(2,686,913)
Bond Revenue Funds, Non-OR	203,545,431	201,699,557	1,845,874	116,248,953	87,296,478
Subtotal, Bond-Related	2,163,260,410	1,699,747,768	463,512,642	1,608,058,207	555,202,203
HPD Funds	200,922,143	205,331,210	(4,409,068)	198,702,442	2,219,700
Escrows (HDC retains earnings)	26,860,636	27,158,874	(298,238)	30,223,267	(3,362,631)
Reserves for Replacement, Escrows	215,375,681	211,999,730	3,375,951	219,989,414	(4,613,733)
Subtotal, Loan Servicing	443,158,460	444,489,814	(1,331,354)	448,915,124	(5,756,664)
Housing Assistance Corp.	10,454,200	10,829,800	(375,600)	13,330,500	(2,876,300)
REMIC	93,391,442	92,985,458	405,984	80,526,638	12,864,804
Mitchell-Lama Claim Payment Fund	1,100,000	1,100,000	-	-	1,100,000
Construction Loan Mortgage Equity	5,209,397	5,246,213	(36,816)	3,644,506	1,564,891
Corporate Services -- 421a Funds	62,873,533	63,105,897	(232,364)	22,353,293	40,520,239
Corporate Services -- Committed to HDC Loans	33,142,617	33,963,415	(820,798)	45,205,542	(12,062,925)
Corporate Services -- Committed to HDC Open Res	7,422,549	9,532,281	(2,109,732)	16,638,592	(9,216,043)
Corporate Services -- Citi Loan Participation	47,733,603	48,244,603	(511,000)	32,651,505	15,082,098
Corporate Services -- General/Operating***	164,492,466	165,585,816	(1,093,349)	248,518,421	(84,025,955)
Corporate Services -- Revolving/Warehousing	200,726	171,817	28,909	-	200,726
Corporate Services -- Future Mitchell Lama Grants	13,977,523	13,969,809	7,714	-	13,977,523
Corporate Services -- Mitchell Lama Repair Fund	1,514	1,513	1	1,503	10
Corporate Services -- HPD 2004 M.O.U.	13,821	13,812	9	13,726	95
Corporate Services -- HUD Multi-Family Loan Fund	5,104,522	5,110,954	(6,432)	5,278,397	(173,875)
Corporate Services -- HPD 15 Year Reserves	4,135,423	4,134,290	1,134	2,912,327	1,223,096
Corporate Services -- OPEB	7,880,000	7,880,000	-	3,890,000	3,990,000
Corporate Services -- NYCEEC	2,527,922	2,527,841	81	2,501,000	26,922
Corporate Services -- Designated and Restricted / Rating and Reserves **	119,823,069	119,815,898	7,171	93,430,955	26,392,114
Subtotal, HDC Non-Bond Programs	579,484,329	584,219,417	(4,735,088)	570,896,908	8,587,421
Total, All Pools	3,185,903,199	2,728,456,999	457,446,200	2,627,870,239	558,032,960

* This amount represents the 2nd mortgage payoffs from the Mitchell Lama closing held by HDC prior to transfer to REMIC trustee

** 80,000,000 Rating Agency Reserve

*** 1,560,750 2006 A DSR

**** 15M HDC Risk Sharing Reserves Co-op City(139)

***** 22,750,575 HDC HDC Financial Guaranty Reserves NYCHA Tax credit (140)

***** 3M Self Insurance Reserve for Errors and Omissions

***** 19M Six Month Operating Reserve

08/13/2013
Percentage of
Type of Securities
Held

Change 10/31/2012 to
Current

	9/10/2013	8/13/2013	Weekly Change	10/31/2012	Change 10/31/2012 to Current
Total Investments	3,185,903,199	2,728,456,999	457,446,200	2,627,870,239	558,032,960
Investments by Security:					
Repurchase Agreements	83,144,000	120,631,000	(37,487,000)	194,940,000	(111,796,000)
Guaranteed Investment Contracts	245,226,056	254,485,915	(9,259,859)	217,842,794	27,383,262
Demand Deposit (Interest Bearing)	989,221,883	999,578,351	(10,356,468)	1,046,782,979	(57,561,096)
Certificate of Deposit	68,000,000	68,000,000	-	68,000,000	-
Agencies	830,986,667	820,986,667	10,000,000	525,012,000	305,974,667
Project-Related GNMA	149,523,594	149,918,024	(394,430)	153,388,466	(3,864,873)
Municipal Bonds	67,475,000	67,475,000	-	77,035,000	(9,560,000)
Treasuries	752,326,000	247,382,042	504,943,958	344,869,000	407,457,000
Total	3,185,903,199	2,728,456,999	457,446,200	2,627,870,239	558,032,960

Diversification Details:
Amount Outstanding

Repurchase Agreements:	
Chase Securities, Inc.	-
Citigroup	-
Daiwa Securities	55,736,000
Banc Of America Securities	-
Mizuho Securities Usa, Inc.	27,408,000
Total	83,144,000

Commercial Paper

GIC Uncollateralized %	73.39%
GIC Collateralized %	26.61%

	Uncollateralized	%	Collateralized	%	Total
Guaranteed Investment Contracts					
Bank Of America	-	0.00%	6,130,000	9.39%	6,130,000
Bayerische Landesbank	11,997,567	6.67%	-	-	11,997,567
Credit Agricole CIB NEW YORK \Calyon	159,504,836	88.63%	-	-	159,504,836
Deutsche Bank Ag New York -GIC PROVIDER	-	0.00%	57,930,415	88.78%	57,930,415
Rabobank International	4,391,936	2.44%	-	-	4,391,936
RBC Capital Markets Corporation	3,395,887	1.89%	-	-	3,395,887
Societe Generale Gic	685,415	0.38%	-	-	685,415
Westdeutsche Landesbank	-	0.00%	1,190,000	1.82%	1,190,000
Total	179,975,641	100.00%	65,250,415	100.00%	245,226,056
Demand Deposit (Interest Bearing)					
H.S.B.C	96,960,623	9.80%	3,043%		
Flushing Commercial Bank	55,455,466	5.61%	1.741%		
JP MORGAN CHASE BANK	120,440,346	12.18%	3.780%		
NYC Community Bank	245,323,512	24.80%	7.700%		
Signature	471,041,936	47.62%	14.785%		
Total	989,221,883	100.00%	31,050%		

Note : Does not include DDA accounts that reconcile to zero.



NEW YORK CITY
HOUSING DEVELOPMENT
CORPORATION

MEMORANDUM

To: Members of the Audit Committee
From: Mary Hom *MH*
Date: September 13, 2013
Re: Counterparty Credit Risk Exposure

I have attached a report detailing the Corporation's counterparty exposure as of August 31, 2013.

Please let me know if you have any questions.

FOR INTERNAL USE ONLY

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
 Counterparty Credit Risk Exposure Report as of August 31, 2013
 (UNAUDITED)

Counterparty	Moody's	S&P	Construction LOC	Permanent Enhancement	Investment	Liquidity Providers	COUNTERPARTY EXPOSURE	% Total Counterparty Exposure
Assured Guaranty	A2	AA-	\$67,800,000				\$67,800,000	0.65%
Bank of America	A3	A	\$70,020,000	\$26,455,000	\$6,130,000		\$102,605,000	0.98%
Bank of New York	Aa1	AA-	\$75,310,000				\$75,310,000	0.72%
Bayrische Landesbank	Aaa	NR			\$11,715,599		\$11,715,599	0.11%
CALYON/Credit Agricole Corporate & Investment Bank	A2	A			\$160,850,714		\$160,850,714	1.53%
Citibank	A3	A	\$841,815,000	\$304,604,713			\$1,146,419,713	10.92%
Daiwa Securities	Baa2	BBB+			\$40,773,000		\$40,773,000	0.39%
Deutsche Bank	A2	A			\$60,912,094		\$60,912,094	0.58%
Dexia (**See below)	Baa2	BBB			\$55,426,447		\$55,426,447	0.53%
Flushing Bank	NR	NR					\$0	0.00%
Goldman Sachs Bank	A2	A	\$124,140,000				\$124,140,000	1.18%
Helaba (guaranteed)	Aa1	AA-		\$139,900,000			\$139,900,000	1.33%
Helaba (unguaranteed)	A2	A	\$210,000,000				\$210,000,000	2.00%
HSBC	Aa3	AA-			\$98,859,583		\$98,859,583	0.94%
JPMorgan Chase Bank	Aa3	A+	\$436,545,000	\$16,610,000	\$193,132,026	\$24,000,000	\$670,287,026	6.39%
Landesbank Baden-Wuerttemberg	A3	NR		\$70,000,000			\$70,000,000	0.67%
M&T Bank	A2	A	\$13,145,000				\$13,145,000	0.13%
Mizuho Securities/Mizuho Corporate Bank	A2/A1	A/A+		\$7,570,000	\$68,239,000		\$75,809,000	0.72%
Natl Public Finance Guarantee Corp	Baa1	A		\$213,990,000			\$213,990,000	2.04%
NYC GO (Dexia) (**See below)	Baa2	BBB			\$28,060,000		\$28,060,000	0.27%
NYC GO (unenanced)	Aa2	AA			\$35,470,000		\$35,470,000	0.34%
NYC Transitional Finance Authority	Aa1	AAA			\$1,800,000		\$1,800,000	0.02%
NY Community Bank	A3	BBB			\$246,188,422		\$246,188,422	2.35%
NYS Urban Development	NR	AAA			\$1,145,000		\$1,145,000	0.01%
Portigon AG (formerly WestLB)	Aa1	AA-			\$1,190,000		\$1,190,000	0.01%
Rabobank	Aa2	AA-			\$4,352,484		\$4,352,484	0.04%
RBS Citizens N.A.	A3	A	\$704,865,000				\$704,865,000	6.71%
REMIC	NR	AA		\$194,228,280			\$194,228,280	1.85%
Royal Bank of Canada (RBC)	Aa3	AA-			\$3,395,887		\$3,395,887	0.03%
Signature Bank	NR	NR		\$462,045,000			\$462,045,000	4.40%
Societe Generale	A2	A			\$608,700		\$608,700	0.01%
SONYMA	Aa1	NR		\$360,724,174	\$1,000,000		\$361,724,174	3.45%
SunTrust Bank	A3	BBB+		\$100,000,000			\$100,000,000	0.95%
TD Bank NA	Aa3	AA-	\$7,500,000				\$7,500,000	0.14%
US Agency:	Aaa	AA+	\$297,750,000	\$3,087,552,060	\$983,170,260		\$4,368,472,320	41.62%
FHA/HUD			\$33,080,000	\$71,435,251			\$104,515,251	1.00%
FHLB			\$264,670,000		\$206,191,667		\$470,861,667	4.49%
FHLMC				\$632,007,277	\$413,615,000		\$1,045,622,277	9.96%
FNMA (**See below)				\$2,232,245,912	\$143,955,000		\$2,376,200,912	22.64%
GNMA				\$151,863,620	\$149,523,594		\$301,387,214	2.87%
Other Agency					\$69,885,000		\$69,885,000	0.67%
US Treasury	Aaa	AA+			\$244,638,000		\$244,638,000	2.33%
Wells Fargo Bank	Aa3	AA-	\$347,735,000			\$38,375,000	\$386,110,000	3.68%
TOTAL			\$3,196,625,000	\$4,521,634,227	\$2,709,102,214	\$69,875,000	\$10,497,236,441	100.00%

*Counterparty Exposures Above 10% Are Highlighted

**Does not include municipal investment exposure (see following page)

NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
 Counterparty Credit Risk Exposure Report as of August 31, 2013
 (UNAUDITED)

<u>Municipal Investments:</u>		Amount		
<u>Issuer</u>				
NYC GO (Dexia-enhanced)		\$28,060,000		
NYC GO (unenanced)		\$35,470,000		
NYC TFA		\$1,800,000		
NYS Urban Development		\$1,145,000		
SONYMA		\$1,000,000		
Total Municipal Investments		\$67,475,000		
<u>Including VRDO Exposure:</u>				
		TOTAL	COUNTERPARTY	% Total
<u>Counterparty</u>		EXPOSURE	EXPOSURE	EXPOSURE
Dexia		\$28,060,000		0.27%
<u>Exposure to Counterparties Rated A-Minus and Below, or Not-Rated:</u>				
<u>Counterparty</u>	<u>Type of Exposure</u>	<u>Amount</u>		<u>% Total Counterparty Exposure</u>
Bank of America	LOC/Perm/GIC	\$102,605,000		0.98%
Citibank	LOC/Perm LC	\$1,146,419,713		10.92%
Daiwa Securities*	Repo	\$40,773,000		0.39%
Dexia Credit Local	Municipals	\$28,060,000		0.27%
Flushing Bank^	Money Market	\$55,426,447		0.53%
Landesbank Baden-Wuerttemberg	Perm LC	\$70,000,000		0.67%
Natl Public Finance Guarantee Corp+	Bond Insurance	\$213,990,000		2.04%
NY Community Bank^	Money Market	\$246,188,422		2.35%
RBS Citizens	LOC	\$704,865,000		6.71%
Signature Bank^	Money Market	\$462,045,000		4.40%
SunTrust Bank	Perm LC	\$100,000,000		0.95%
TOTAL		\$3,170,372,582		30.20%
<i>*Repurchase agreement fully- or over-collateralized by US Treasury/Agency securities</i>				
<i>^Money market fully-collateralized by FHLC LOC or U.S. Agency securities</i>				
<i>+ 2005 Series A Capital Fund Program Revenue Bonds (NYCHA); underlying bond rating of AA+ by S&P</i>				
<u>Country Exposure (Ex-U.S.):</u>				
<u>Country</u>	<u>Type</u>	<u>\$ Amount</u>		<u>% Total Counterparty Exposure</u>
Canada (RBC/TD Bank)	GIC/Liq Prov	\$18,395,887		0.18%
France (CAL YONI/Dexia/Societe Generale)	GIC/MUNI	\$189,519,414		1.81%
Germany (Bayerische Landesbank/Deutsche/Heilab/LBW/Portigon)	GIC/LOC	\$493,717,693		4.70%
Japan (Mizuho/Daiwa)	RP/PERM LC	\$116,582,000		1.11%
Netherlands (Rabobank Nederland)	GIC	\$4,352,484		0.04%
United Kingdom (HSBC)	MM	\$98,859,583		0.94%
TOTAL		\$921,427,060		8.78%



NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Credit Enhancement Diversification as of August 31, 2013
(UNAUDITED)

CONSTRUCTION PROJECTS

Provider	Moody's	S&P	Enhancement During Construction:		Expected Permanent Enhancement:		% of Total During Permanent
			Number of Projects	LOC Amount	Number of Projects	Permanent Enhanced or Insured Amount	
Assured Guaranty	A2	AA-	1	\$67,800,000	1	\$67,800,000	3.77%
Bank of America	A3	A	3	\$70,020,000	0	\$0	0.00%
Bank of New York	Aa1	AA-	4	\$75,310,000	0	\$0	0.00%
Citibank	A3	AA-	14	\$841,815,000	1	\$27,750,000	1.54%
FHA/HUD	Aaa	AA+	2	\$33,080,000	7	\$161,501,000	8.98%
FHLB	Aaa	AA+	15	\$264,670,000	1	\$69,865,000	3.89%
FHLMC	Aaa	AA+	0	\$0	4	\$188,370,000	10.48%
FNMA	Aaa	AA+	0	\$0	1	\$635,000,000	35.33%
Goldman Sachs Bank	A2	A	4	\$124,140,000	1	\$210,000,000	11.68%
Helaba (unguaranteed)	A2	A	1	\$210,000,000	0	\$0	0.00%
JPMorgan Chase	Aa3	A+	24	\$436,545,000	0	\$0	0.00%
M&T Bank	A2	A	1	\$13,145,000	0	\$0	0.00%
NONE	NR	NR	8	\$0	4	\$0	0.00%
RBS Citizens NA	A3	A	2	\$704,865,000	0	\$0	0.00%
REMIC	NR	AA	0	\$0	45	\$75,705,000	4.21%
SONYMA	Aa1	NR	0	\$0	20	\$254,273,806	14.15%
TBD	N/A	N/A	0	\$0	1	\$45,000,000	2.50%
TD Bank NA	Aa3	AA-	1	\$7,500,000	0	\$0	0.00%
Wells Fargo/Wachovia	Aa3	AA-	7	\$347,735,000	1	\$62,250,000	3.46%
TOTAL	87		87	\$3,196,625,000	87	\$1,797,514,806	100.00%

In Construction:

Rating	% of Total
AAA	0.00%
AA	22.78%
A	77.22%
NR	0.00%
TOTAL	100.00%

PERMANENT LOANS WITH ENHANCEMENT

Provider	Moody's	S&P	Number of Projects	Enhanced Amount	% of Total Permanent Enhanced Amount
Bank of America	A3	A	2	\$26,455,000	0.59%
Citibank	A3	A	35	\$304,604,713	6.74%
FHA/GNMA	Aaa	AA+	24	\$223,298,871	4.94%
FHLMC	Aaa	AA+	24	\$632,007,277	13.98%
FNMA	Aaa	AA+	64	\$2,232,245,912	49.37%
Helaba (guaranteed)	Aa1	AA-	1	\$139,900,000	3.09%
JPMorgan Chase	Aa3	A+	3	\$16,610,000	0.37%
Landesbank Baden Wuert.	A3	NR	1	\$70,000,000	1.55%
Mizuho Corporate Bank	A1	A+	1	\$7,570,000	0.17%
Natl Public Finance Guaranteee^	Baa1	A	1	\$213,990,000	4.73%
REMIC*	NR	AA	168	\$194,228,280	4.30%
SONYMA	Aa1	NR	40	\$360,724,174	7.98%
SunTrust Bank	A3	BBB+	1	\$100,000,000	2.21%
TOTAL	365		365	\$4,521,634,227	100.00%

In Permanent:

Rating	% of Total
AAA	0.00%
AA	83.65%
A	9.40%
BBB	6.94%
TOTAL	100.00%

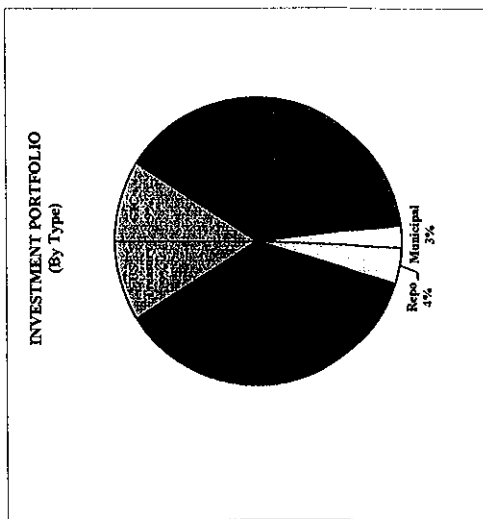
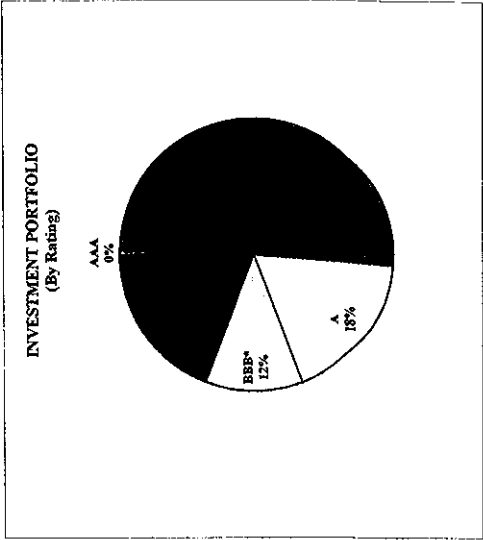
*Unenhanced portion totals approximately \$737 million

^Bond Insurance on 2005 Series A (NYCHA) Capital Fund Program Revenue Bonds; underlying bond rating is AA+ by S&P



NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Investment Summary as of August 31, 2013
 (UNAUDITED)

Counterparty	Type	NRSRO Rating- August 31, 2013:						NR*
		AAA	AA	A	BBB*			
Bank of America	GIC	\$6,130,000		\$6,130,000				
Bayrische Landesbank (guaranteed)	GIC	\$11,715,599						
CALYON/Credit Agricole CIB	GIC	\$160,850,714		\$160,850,714				
Daiwa Securities	REPO	\$40,773,000			\$40,773,000			
Deutsche Bank	GIC	\$60,912,094		\$60,912,094				\$55,426,447
Flushing Bank	MM	\$55,426,447						
HSBC	MM	\$98,859,583						
JPMorgan Chase	MM	\$193,132,026		\$193,132,026				
Mizuho Securities	REPO	\$68,239,000		\$68,239,000				
NYC GO (Dexia)	MUNI	\$28,060,000			\$28,060,000			
NYC GO	MUNI	\$35,470,000						
NYC TFA	MUNI	\$1,800,000						
NY Community Bank	MM	\$246,188,422		\$246,188,422				
NYS Urban Development	MUNI	\$1,145,000						
Portigon AG (formerly WestLB)	GIC	\$1,190,000		\$1,190,000				
Rabobank	GIC	\$4,352,484		\$4,352,484				
Royal Bank of Canada	GIC	\$3,395,887		\$3,395,887				
Signature Bank	MM	\$462,045,000						\$462,045,000
Societe Generale	GIC	\$608,700		\$608,700				
SONYMA	MUNI	\$1,000,000		\$1,000,000				
US Agency	US Agency	\$983,170,260		\$983,170,260				
US Treasury	US Treasury	\$244,638,000		\$244,638,000				
% of Total		\$2,709,102,214	\$12,860,599	\$1,373,876,214	\$489,872,533	\$315,021,422	\$517,471,446	\$19,10%
		100.00%	0.47%	50.71%	18.08%	11.63%		



*BBB and NR exposures are fully-collateralized

Weighted Average Maturity (Years): **4.26**

Investment Portfolio-By Type of Investment:	Amount	% Total
GIC	\$249,155,477	9.20%
Money Market	\$1,055,651,477	38.97%
Municipal	\$67,475,000	2.49%
Repo	\$109,012,000	4.02%
US Agency	\$983,170,260	36.29%
US Treasury	\$244,638,000	9.03%
Total	\$2,709,102,214	100.00%



NEW YORK CITY HOUSING DEVELOPMENT CORPORATION
Liquidity Providers as of August 31, 2013

JPMORGAN CHASE BANK	Amount	TD BANK	Amount	WELLS FARGO BANK	Amount
<u>Issue</u> 2013 B-3	\$24,000,000	<u>Issue</u> 2013 B-2	\$7,500,000	<u>Issue</u> 2012 K-2	\$20,765,000
	<u>\$24,000,000</u>		<u>\$7,500,000</u>	<u>Issue</u> 2013 B-4	\$17,610,000
					<u>\$38,375,000</u>

Diversification:	Amount	% Total
JPMorgan Chase Bank	\$24,000,000	34.35%
TD Bank	\$7,500,000	10.73%
Wells Fargo Bank	\$38,375,000	54.92%
TOTAL	\$69,875,000	100.00%



**The New York City Housing
Development Corporation (“NYCHDC”)**

**2012 Emphasys and Sympro IT
General Controls Post
Implementation Review**

January 10, 2013

EXECUTIVE SUMMARY

Background

The objective of this engagement was to perform a post IT implementation review of the Emphasys and Sympro applications for The New York City Housing Development Corporation ("NYCHDC"). As a result of this assessment, we have noted certain observations and recommendations for improvement, which are attached.

Scope and Objectives

In connection with the services described in the Statement of Work, we have performed the following activities, in accordance with Government Auditing Standards as set forth below:

We have reviewed the following key IT general controls ("ITGCs") process surrounding the use of the Emphasys and Sympro applications as it pertains to the cash management and mortgage loan processes that are managed by NYCHDC. We have not reviewed or assessed the controls within these areas or applications that are the responsibility of the 3rd party service providers.

Assessed the following three interfaces only which can be defined as controls to limit the risk of inappropriate input, processing or output of data being exchanged from one system to another (e.g., the system confirms through a record count that all records were uploaded from the sales sub-ledger to the general ledger or confirming that totals from a header record reconcile to the detail that was posted):

- Uploading AR & AP to SYMPRO;
- Uploading Debt Transactions from Emphasys to the Oracle General Ledger; and
- Uploading Investment Transactions from Emphasys to the Oracle General Ledger.

Documented and evaluated the design and operating effectiveness of the internal control environment that exists for the Emphasys and Sympro application and supporting infrastructures (Operating System and database). The review entailed the evaluation of the following IT general controls ("ITGCs"):

- Application Development and Maintenance (including Program Change Management, etc.);
- User Administration;
- Logical Security, including data center access;
- Network controls, e.g. authentication requirements, monitoring, patch / upgrade management;
- IT operations to include data backups, job scheduling, and problem management; and
- All supporting policies and procedures supporting the above areas.

Result

Based on the work performed over the objectives as stated in the 'Statement of Work', the IT general controls ("ITGCs") and Interface controls managed and maintained by NYCHDC for the Emphasys and Sympro applications appear to be operating effectively.

During the course of the review, EY noted four opportunities for improvement within ITGCs (3) and interface (1) controls which are outlined below. For further details on the assessment please refer to the narrative and walkthrough documentation that was provided separately.

Key Opportunities for Improvement and Management Action Plans

We identified four (4) process improvements. Additional details specific to areas, risks, recommendations and corresponding management action plans are listed within Appendix A – **Detailed Process Improvement Opportunities / Risk / Management Action Plan** section of this report. As other controls outside of the scope of this project may increase or decrease the relative risk for each identified issue, management should ultimately determine the remediation strategy and timeline based upon the company's overall control framework.

APPENDIX A: Detailed Process Improvement Opportunities / Risk / Management Action Plan

1. Modify Configuration Settings to Align with leading practices

Observation:

The following password configuration parameter is not set in accordance with NYCHDC Security policy:

- Password controls are not set at the Emphasys application level.

Risk:

Allowing password policies that are less restrictive than corporate policies, or leading practices in instances where corporate policies have not been defined, increases the risk that inappropriate access may be obtained by unauthorized users via successful attacks on user accounts.

Recommendation:

Management should consider updating existing Corporate Security Policy to align password configuration parameters for the Emphasys application, as applicable.

In situations where system limitations make it impossible to meet the corporate policies, or instances where deviations are deemed operationally necessary, management should document the known exceptions within the company policies and related documentation.

Management Response:

Password controls Emphasys application – Agree – The password controls on the application are as a result of the limitations of Emphasys. The system limitations are documented in the IT Policies and Procedures (P&P) manual - a copy of which was provided to the EY auditors on August 14, 2012.

Responsible Party:

Ping Choi, Director Network Operations
Farina Cocker, Senior Project Manager

2. Eliminate the Use of Shared Administrator Accounts

Observation:

During testing of operational effectiveness, it was noted that generic administrative accounts at the application and operating system level are shared and used by the IT staff, where there is no accountability to any particular individual.

Risk:

Sharing access to user accounts limits accountability of actions completed using the shared account, which is critical when the common account has been assigned administration rights. Having limited accountability for a privileged account increases the risk that errors or irregularities may unintentionally or deliberately be introduced into the production environment.

Recommendation:

Generic accounts should not be utilized by IT personnel or any other privileged user. Instead, privileged access should be specifically granted to individual users based upon business need, using a uniquely assigned user account which may be enabled as required. In this manner, privileged actions performed by IT staff can be traced back to a specific person.

Management Response:

Eliminate the use of shared admin accounts operating system level - Disagree - IT personnel log on to the operating system using their own AD account. The IT personnel responsible have the same access rights as the administrator id. Due to the scale of our environment, there is no need for change.

Eliminate the use of shared admin accounts application level - Agree – IT personnel will work with Emphasys and Sympro to make sure accounts that are generic can be disabled.

Responsible Party:

Ping Choi, Director Network Operations
Farina Cocker, Senior Project Manager

3. Implement a Process to Perform Periodic Access Recertification

Observation:

Currently NYCHDC does not have a formal process in place to require the performance of a periodic user access review by an appropriate authority to determine whether access rights of business and IT end users remain consistent with job responsibilities.

Risk:

Not conducting a formal periodic review of user access rights reduces the likelihood that changes to current access rights for functional end users will be identified and acted upon in a timely manner.

Recommendation:

Management should formalize the current user recertification process to include an assessment of the user's current access rights against current job responsibilities.

Management Response:

Agree. IT will send user listing by department of those with access to departments on an annual basis. They will be reviewed and recommendations made for any necessary changes.

Responsible Party:

Keith Dealissia, Assistant Vice President Cash Management
Bharat Shah, Vice President and Controller

4. Eliminate and Restrict Access Based Upon Business Need

Observation:

In assessing interface controls for the Emphasys and Sympro applications, the following segregation of duties conflicts were noted:

- 1) For the interface between Account Receivable module and Sympro application, one individual has the responsibility to upload and verify the accuracy of the data; and
- 2) For the interface between the Emphasys and Oracle Financial application, two individuals have the responsibility to upload and verify the accuracy of the data.

Risk:

Not restricting application rights to the minimums required to perform job responsibilities increases the risk that production data may not be processed in a consistent and reliable manner.

Recommendation:

Management should perform an analysis of the access rights granted to each user to assess whether access has been granted that is excessive or violates a proper segregation of duties. Specifically, the ability for a single user to extract, upload and review data into the applications.

Management Response:

In reference to second paragraph of the observation, as explained to E&Y auditors, to maintain the integrity of the production data, the accounting department already have several manual check points and reconciliation controls before the transactions are uploaded to the Oracle Financial General Ledger. In addition to the above, as per E&Y recommendation, we already implemented the process of segregation of the duties for interfacing the transaction from Emphasys and uploading the data to the Oracle General Ledger.

Responsible Party:

Keith Dealissia, Assistant Vice President Cash Management
Bharat Shah, Vice President and Controller
