

# **COMMISSION MEETING**

**8:30 am, Wednesday, May 16, 2007**

CDRPC Office  
One Park Place  
Albany, New York  
453-0850

## **AGENDA**

1. Welcome/Introduction of Guests
2. March 21, 2007 Meeting Minutes\*
3. Financial Statement through April 30, 2007 (Memo 07-10)\*
4. Foreign Trade Zone Amendment: Name Change (Memo 07-11)\*
5. National Nanotechnology Foundry – EDA Proposal (Memo 07-12)\*
6. Presentation of the Fiscal Impacts of the Alternative Development Scenarios in the Capital Region (Memo 07-13)
7. Combined Sewer Overflow Long Term Control Plan Update (Memo 07-14)
8. Staff Activity Report
9. Other Business
10. Next Meeting Date: Wednesday, August 15, 2007

\*Requires Formal Board Action

## COMMISSION MEETING

March 21, 2007

CDRPC Conference Room

One Park Place, Suite 102

Albany, New York 12205

### MINUTES

**PRESENT:** John Graziano, Stan Brownell, Judy Breselor, James Shaughnessy, Mike Stammel, Philip Barrett, Christopher Callaghan, John Murray, Gary Hughes, Barbara Mauro, Michael Petta

**ABSENT:** Betty Barnette, Willard Bruce, Henry Dennis, Lucille McKnight, Fred Acunto, Spencer Hellwig, Raymond Gillen, David Vincent

**PRESIDING:** Gary Hughes, Chair, called the meeting to order at 8:30am.

#### 1. Welcome/Introduction of Guests

Bill Welsek from an area consulting engineering firm, Bill Hooton from Capital District Trade Strategies, and Chris O'Neil from CDTC.

#### 2. January 17, 2007 Meeting Minutes

The minutes were distributed before the meeting. No corrections were made.

##### Action Taken

John Graziano made a motion to approve the minutes, and Phil Barrett seconded. The motion was approved unanimously.

#### 3. Financial Statement through December 31, 2006

This financial statement reflects an un-audited statement through December 31, 2006. For the year, the revenues were at 103.6% of the approved budget while expenses were at 94.5%. This financial statement will be provided to the auditor as part of the 2006 audit of our financial records.

Rocky informed the Board that there is a surplus of approximately \$51,000. Rocky stated that the full time staff position will be filled in July 2007. Deb Shannon, our current intern, will be offered the position.

##### Action Taken

Mike Stammel made a motion to approve the Financial Statement, and Jim Shaughnessy seconded. The motion was approved unanimously.

#### **4. Financial Statement through February 28, 2007**

This financial statement reflects the current statement through February 2007. Invoices were sent to each of the four counties. Bills to all other contracting entities will be sent out at the end of the quarter.

Revenues are at 14.4% and expenses are at 16.3%. In some instances, the percent of year to date expenses are greater than what may be normally expected for the following reasons: Insurance/Workman's Compensation was due and paid in January, and our annual GIS software license to ESRI was also renewed in January.

There is approximately \$90,434 cash in the bank and outstanding receivables totaling just over \$118,351.

##### **Action Taken**

John Graziano made a motion to approve the Financial Statement, and Barbara Mauro seconded. The motion was approved unanimously.

#### **5. Foreign Trade Zone 2006 Annual Report & 2007 Action Plan**

Bill Hooton from Capital District Trade Strategies prepared a memo outlining the 2006 Annual Report and the proposed 2007 Action Plan of Foreign Trade Zone activities. The memo was distributed before the meeting.

The report summarizes Zone income, activity and marketing efforts for the past year, outlines CDTS's Action Plan for the coming year, and anticipates revenue from those activities relative to the administration, marketing and development of FTZ #121.

Capital District Trade Strategies anticipates submitting an application to expand the foreign trade zone that will include several significant sites throughout the region. All four counties have bought into the expansion and Bill has been in contact and is working with the economic development agencies within the counties to identify the properties included in the expansion. This application is expected to be reviewed at the May 2007 Commission Meeting.

#### **6. Presentation on the Alternative Transportation Visions for the Region**

CDRPC, in collaboration with CDTC, the University at Albany, and the Center for Economic Growth, is in the final stages of completing a report analyzing the facility needs and their estimated costs for each of four alternative growth scenarios in the Capital Region. The work is an extension and part of CDTC's New Visions Regional Transportation Plan with the fiscal impact component financed primarily by the Center for Economic Growth

The four alternative growth patterns are being evaluated based on two sets of projections: CDRPC's targeted projections and a high growth scenario. Two alternative growth

distributions were prepared based on those projections. One alternative assumes a continuation of historical development pattern and current land use policies at the local level. The second alternative assumes a more aggressive Urban Reinvestment Strategy for the existing urban centers and higher density/mixed use development patterns in the inner suburban communities.

Chris O'Neill from CDTC gave a PowerPoint presentation to the Board outlining the impacts and opportunities on the transportation infrastructure associated with each of the four scenarios.

A copy of his presentation is included.

## **7. Combined Sewer Overflow Long Term Control Plan Update**

A revised scope of work was prepared and submitted to NYS DEC based on feedback received to the draft scope. NYS DEC approved the scope of work to move forward on the Long Term Control Plan. The total project cost to prepare the LTCP is \$5,010,355 excluding in-kind match by the six communities and two sewer districts.

CDRPC has been successful in getting the following grant support for the Albany Pool communities to prepare the LTCP: \$2,000,000 from the Environmental Facility Fund awarded by NYS DEC, \$475,000 from the Round 9 Water Quality Improvement Program also awarded by NYS DEC, and \$473,293 from the Shared Municipal Services Grant awarded by NYS DOS.

The communities will be responsible for a cash match of \$2,164,065 plus an in-kind contribution of \$261,520 to pay for the study. The communities have agreed to a Cost Allocation Plan and are in the process of signing an inter-municipal agreement.

The second phase of the study will be starting within the next two months with an expected end date of the Long Term Control Plan of December 2009.

## **8. Staff Activity Report**

The Staff Activity Report was distributed before the meeting. There was no discussion.

## **9. Other Business**

Preparation for the 2010 Census is well underway and one of the first and probably the most critical steps to assure an accurate count of persons is to make sure that every street and dwelling unit is identified.

CDRPC has been working with the NYS Data Center to provide training sessions for communities within the four counties. Training sessions were held on March 14<sup>th</sup> in Saratoga County, March 19<sup>th</sup> in Rensselaer County, March 20<sup>th</sup> in Albany County and March 22<sup>nd</sup> in Schenectady County.

Starting in July of 2007, the NYS Census Bureau will send out maps and addresses to Chief Elected Officials and clerks to review and confirm the location of housing units in each of the communities. The communities will have until April of 2008 to confirm the location of those housing units.

**10. Next Meeting Date**

The next Commission meeting will be held May 16, 2007 at 8:30am.

**11. Adjournment**

Mike Stammel made a motion to adjourn the meeting, and John Graziano seconded. The motion was approved unanimously.

Respectfully submitted,

Michael Stammel  
Secretary

## MEMORANDUM (#07-10)

**To:** Commissioners  
**From:** Rocky Ferraro, Executive Director  
**Date:** May 8, 2007  
**Re:** Monthly Financial Statement

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Enclosed for your review and approval are the current financial statements through April 2007. Both revenue and expenses are tracking as projected. With one third of the year complete, revenues are at 36.4% and expenses are at 30.0%.

Second quarter invoices were sent to Saratoga and Schenectady Counties. First quarter invoices were sent to the appropriate billing agencies for the Water Quality Program, Wind Energy Initiative, UPWP (Transportation), CDYCI, and Combined Sewer Overflow Program. In addition, the Empire State Development was billed for work completed under the 2010 Local Update of Census Address Program (LUCA).

As noted on the Statement of Financial Condition, we have approximately \$121,000 cash in the bank and outstanding receivables totaling just over \$136,000. We have three CD's, one for \$20,000 that expires in July, another for \$30,000 that expires in December, and another for \$20,000 that expires next April.

The auditor, Dorfman-Robbie, PC has initiated the 2006 audit. Similar to previous years, a report will be presented to the Board at the August Board meeting.

**CDRPC 2007 Income Statement**

<b>Account</b>	<b>Budget</b>	<b>Feb 07</b>	<b>Mar 07</b>	<b>Apr 07</b>	<b>Year-to-Date</b>	<b>Balance</b>	<b>YTD %</b>
<b>2007 REVENUE</b>							
R2390.1 Albany County	\$ 84,663.00	\$ -	\$ -	\$ -	\$ 42,331.50	\$ 42,331.50	50.0%
R2390.2 Rensselaer County	43,842.00	-	-	-	21,921.00	21,921.00	50.0%
R2390.3 Saratoga County	57,666.00	-	-	14,416.50	28,833.00	28,833.00	50.0%
R2390.4 Schenectady County	42,123.00	-	-	10,530.75	21,061.50	21,061.50	50.0%
R2401.0 Interest & Earnings	1,200.00	161.78	548.68	162.60	1,014.11	185.89	84.5%
R2770.1 Miscellaneous	100.00	286.00	0.12	-	286.12	(186.12)	286.1%
R2770.3 Contractual Services	30,000.00	-	14,324.76	-	14,324.76	15,675.24	47.7%
R2770.4 FTZ#121	12,000.00	-	-	-	-	12,000.00	0.0%
R2770.5 Conferences	5,000.00	-	-	1,200.00	1,200.00	3,800.00	24.0%
R2770.6 CDYCI	70,000.00	-	17,500.00	-	17,500.00	52,500.00	25.0%
R3900.3 Empire State Dev.	-	-	4,798.16	-	4,798.16	(4,798.16)	
R3900.4 Other NYS Aid (NYSERDA)	20,000.00	-	4,551.29	-	4,551.29	15,448.71	22.8%
R3900.6 EFC CSO Grant	75,000.00	-	6,952.18	-	6,952.18	68,047.82	9.3%
R4000.1 Fed. Reg. Aviation	-	-	-	-	-	-	
R4000.2 EDA	52,000.00	-	16,214.79	-	16,734.18	35,265.82	32.2%
R4000.3 Water Quality	46,000.00	-	7,444.22	-	7,444.22	38,555.78	16.2%
R4000.4 UPWP	85,000.00	-	38,216.69	-	38,216.69	46,783.31	45.0%
R4000.5 Other Federal Aid (HUD)	3,000.00	-	1,178.72	-	1,178.72	1,821.28	39.3%
R4000.6 EPA CSO Grant	-	-	-	-	-	-	
<b>Gross Revenue</b>	<b>\$ 627,594.00</b>	<b>\$ 447.78</b>	<b>\$ 111,729.61</b>	<b>\$ 26,309.85</b>	<b>\$ 228,347.43</b>	<b>\$ 399,246.57</b>	<b>36.4%</b>
<b>2007 EXPENSE</b>							
E.1010 Salaries	\$ 336,000.00	\$ 26,177.82	\$ 27,787.82	\$ 26,177.82	\$ 106,321.28	\$ 229,678.72	31.6%
E.1030 Temporary Services	16,000.00	1,052.25	1,504.00	1,153.00	4,495.25	11,504.75	28.1%
E.2010 Office Equipment	5,000.00	2,998.94	169.00	169.00	3,505.94	1,494.06	70.1%
E.2020 Furniture & Furnishings	2,000.00	-	-	-	-	2,000.00	0.0%
E.4020 Workshops & Conferences	5,000.00	-	-	-	-	5,000.00	0.0%
E.4030 Consultant Services	8,000.00	-	-	-	-	8,000.00	0.0%
E.4040 Agency Memberships	5,500.00	750.00	-	-	2,085.00	3,415.00	37.9%
E.4051 Computer Supplies/Software	5,000.00	86.39	86.39	201.71	3,594.49	1,405.51	71.9%
E.4055 Data Purchases	500.00	-	-	-	10.00	490.00	2.0%
E.4060 Equipment Maintenance	1,500.00	226.70	-	-	334.70	1,165.30	22.3%
E.4070 Office Supplies	3,000.00	224.98	465.68	42.03	883.41	2,116.59	29.4%
E.4080 Books & Journals	800.00	-	270.00	125.00	464.00	336.00	58.0%
E.4090 Printing & Publishing	8,000.00	-	655.75	-	655.75	7,344.25	8.2%
E.4110 Rent	63,000.00	4,675.21	4,785.78	4,669.72	23,350.95	39,649.05	37.1%
E.4120 Telephone	3,500.00	219.49	245.23	252.29	900.57	2,599.43	25.7%
E.4121 Internet	3,200.00	224.80	224.80	224.80	940.29	2,259.71	29.4%
E.4130 Travel	11,000.00	-	481.04	301.10	782.14	10,217.86	7.1%
E.4140 Equipment Repairs	500.00	-	-	-	-	500.00	0.0%
E.4150 Postage	2,800.00	113.26	-	683.00	952.51	1,847.49	34.0%
E.4160 Miscellaneous	1,294.00	17.47	208.78	221.39	465.93	828.07	36.0%
E.4170 Payroll Services	1,500.00	177.26	103.76	108.26	491.54	1,008.46	32.8%
E.4190 Contingent Fund	3,500.00	-	-	-	-	3,500.00	0.0%
E.4200 Insurance-General	1,500.00	-	-	-	1,244.79	255.21	83.0%
E.8010 NYS Retirement	34,000.00	-	-	-	-	34,000.00	0.0%
E.8030 FICA	27,000.00	2,083.09	2,240.80	2,090.79	8,477.39	18,522.61	31.4%
E.8040 Ins.-Worker's Comp. & Dis.	3,000.00	-	32.00	-	1,894.41	1,105.59	63.1%
E.8050 Ins.-Health	72,000.00	5,127.25	5,131.80	5,131.80	25,519.22	46,480.78	35.4%
E.8060 Ins.-Unemployment	1,500.00	309.37	71.77	(161.44)	832.90	667.10	55.5%
E.8070 Prof. Memberships	1,000.00	-	200.00	-	200.00	800.00	20.0%
E.8080 Continuing Education	1,000.00	-	-	-	-	1,000.00	0.0%
<b>Gross Expenses</b>	<b>\$ 627,594.00</b>	<b>\$ 44,464.28</b>	<b>\$ 44,664.40</b>	<b>\$ 41,390.27</b>	<b>\$ 188,402.46</b>	<b>\$ 439,191.54</b>	<b>30.0%</b>
<b>Net Operating Income</b>	<b>\$ -</b>	<b>\$ (44,016.50)</b>	<b>\$ 67,065.21</b>	<b>\$ (15,080.42)</b>	<b>\$ 39,944.97</b>		
A909 Fund Balance-Unreserved	-	-	-	-	-		
<b>Net Income</b>	<b>\$ -</b>	<b>\$ (44,016.50)</b>	<b>\$ 67,065.21</b>	<b>\$ (15,080.42)</b>	<b>\$ 39,944.97</b>		

# Capital District Regional Planning Commission

## GENERAL FUND

### Statement of Financial Condition

April 30, 2007

#### Assets

Cash — Checking	\$	15,548.56
Cash — Money Market		30,092.80
Cash — PayPal Account		5,102.91
Cash — Certificates of Deposit		70,000.00
Petty Cash		200.00
Due from Private Persons/Organizations		39,564.25
Due from State & Federal Governments		82,133.82
Due from Other Governments		14,416.50
Prepaid Expenses		41.00
Carryover Revenue		-
<i>Sub-Total: Assets</i>	\$	<u>257,099.84</u>
Expenses — Year-to-Date		<u>188,402.46</u>

**Total** \$ 445,502.30

#### Liabilities & Fund Balance

Due to Other Governments	\$	-
Due to Private Persons/Organizations		-
Deferred Project Revenue		9,265.82
Fund Balance — Restricted		-
Fund Balance — Unrestricted		207,889.05
<i>Sub-Total: Liabilities &amp; Fund Balance</i>	\$	<u>217,154.87</u>
Revenue — Year-to-Date		<u>228,347.43</u>

**Total** \$ 445,502.30

**Net Income (Loss)** \$ 39,944.97



## MEMORANDUM (#07-11)

**To:** Commissioners  
**From:** Rocky Ferraro, Executive Director  
**Date:** May 8, 2007  
**Re:** Foreign Trade Zone Name Change

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Albany Molecular Research, Inc is requesting an amendment to the existing Foreign Trade Sub Zone Operations Agreement to reflect the change in its corporate entity. Previously known as Organichem, it is requesting the change to reflect its reference name as Albany Molecular Research-Rensselaer, Inc (AMRI-Rensselaer, Inc.).

There are no proposed changes in operation or any other activity on the site as a result of the name change. AMRI-Rensselaer is involved in the manufacture and distribution of bulk pharmaceuticals

RESOLUTION

Be it resolved that Capital District Regional Planning Commission, grantee of Foreign Trade Zone No. 121A, hereby agrees to recognize AMRI-Rensselaer, Inc. as the successor and new corporate entity, that owns the facility, designated as foreign Trade Zone No. 121A, to amend the existing Foreign Trade Sub Zone Operations agreement entered into originally with Organichem Corporation to reflect the change in the corporate entity, and to such other actions as are necessary to effectuate same.

Capital District Regional Planning Commission

By:

Name:

Title:

Date:

## MEMORANDUM (#07-12)

**To:** Commissioners

**From:** Rocky Ferraro, Executive Director

**Date:** May 16, 2007

**Re:** National Nanotechnology Foundry – EDA Proposal

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**Background:** Nanotechnology is the field of applied science and technology which covers the formation of structures a few nanometers in size, with a nanometer being a billionth of a meter. The College for Nanoscale Science and Engineering (CNSE) at UAlbany has made the Capital Region one of the world leaders in nanotechnology research and development.

**Problem:** The cost of nanotechnology development, equipment, facilities and manufacturing is staggering. Only a few companies can provide such capabilities since factory costs alone can exceed \$1B dollars. A new approach is required, one which cost-effectively fosters and accelerates research, product development and commercialization. One such approach would be the creation of a National Nanotechnology Foundry Center.

**Solution:** A National Nanotechnology Foundry Center would offer unique services to the broad spectrum of research, development and manufactures of commercial and military nanostructures. It would allow researchers and companies to work collectively in a foundry model which spreads the tremendous cost to develop next generation nanotechnology tools, processes and products among multiple companies.

To accelerate the growth of nanotechnology in the U.S., it is proposed that a study be initiated to establish a fully integrated National Nanotechnology Foundry Center to foster nanotechnology-based manufacturing from research through prototyping. The study would encompass both the defense and commercial sectors to leverage related nanotechnology applications, and would be conducted through the Watervliet Arsenal Business & Technology Partnership in conjunction with CNSE and Vistec Semiconductor Lithography, Inc.

The elements of the study include an evaluation of the requirements for the creation of a Foundry Center, an assessment of equipment needs, development of a business model, identification of commercial and defense nanotechnology applications, and the creation of a four year business plan.

Staff believes the proposed study meets CDRPC and EDA criteria; therefore Commission action is requested to authorize inclusion of the National Nanotechnology Foundry Study on CDRPC's CEDS approved project list.

## MEMORANDUM (#07-13)

**To:** Commissioners

**From:** Rocky Ferraro, Executive Director

**Date:** May 8, 2007

**Re:** Presentation on the Fiscal Impacts of the Alternative Development Scenarios for the Capital Region

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CDRPC, in collaboration with CDTC, the University at Albany, and the Center for Economic Growth, has completed a final draft of a report analyzing the facility needs and their estimated costs for each of four alternative growth scenarios in the Capital Region. The work is an extension and part of CDTC's New Visions Regional Transportation Plan with the fiscal impact component financed primarily by the Center for Economic Growth.

The four alternative growth patterns are being evaluated based on two sets of projections: CDRPC's targeted projections showing an increase of 72,707 persons to 867,000 by 2030 and a "high growth" scenario that assumes the rate of population growth in the Capital Region will be comparable to the national rate of approximately 1% per year or a 229,341 increase to 1,023,634 by 2030.

For both CDRPC's projections and the high growth scenario, two alternative growth distributions were prepared. One alternative assumes a continuation of historical development patterns and current land use policies at the local level. The second alternative assumes a more aggressive Urban Reinvestment Strategy for the existing urban centers and higher density/mixed use development patterns in the inner suburban communities. The scenarios do not represent specific predictions, rather, conditional forecasts of the probable patterns of growth under specific assumptions.

David Lewis, a professor in the Department of Planning & Geography at the University at Albany, SUNY will outline the study's findings of the potential fiscal impacts on Water, Sewer, Schools, and Emergency Management Services for each of the four scenarios.

# Fiscal Impacts of Alternative Development Scenarios in the Capital District

David A. Lewis  
Assistant Professor  
Geography and Planning  
University at Albany

## **Development Scenario 1**

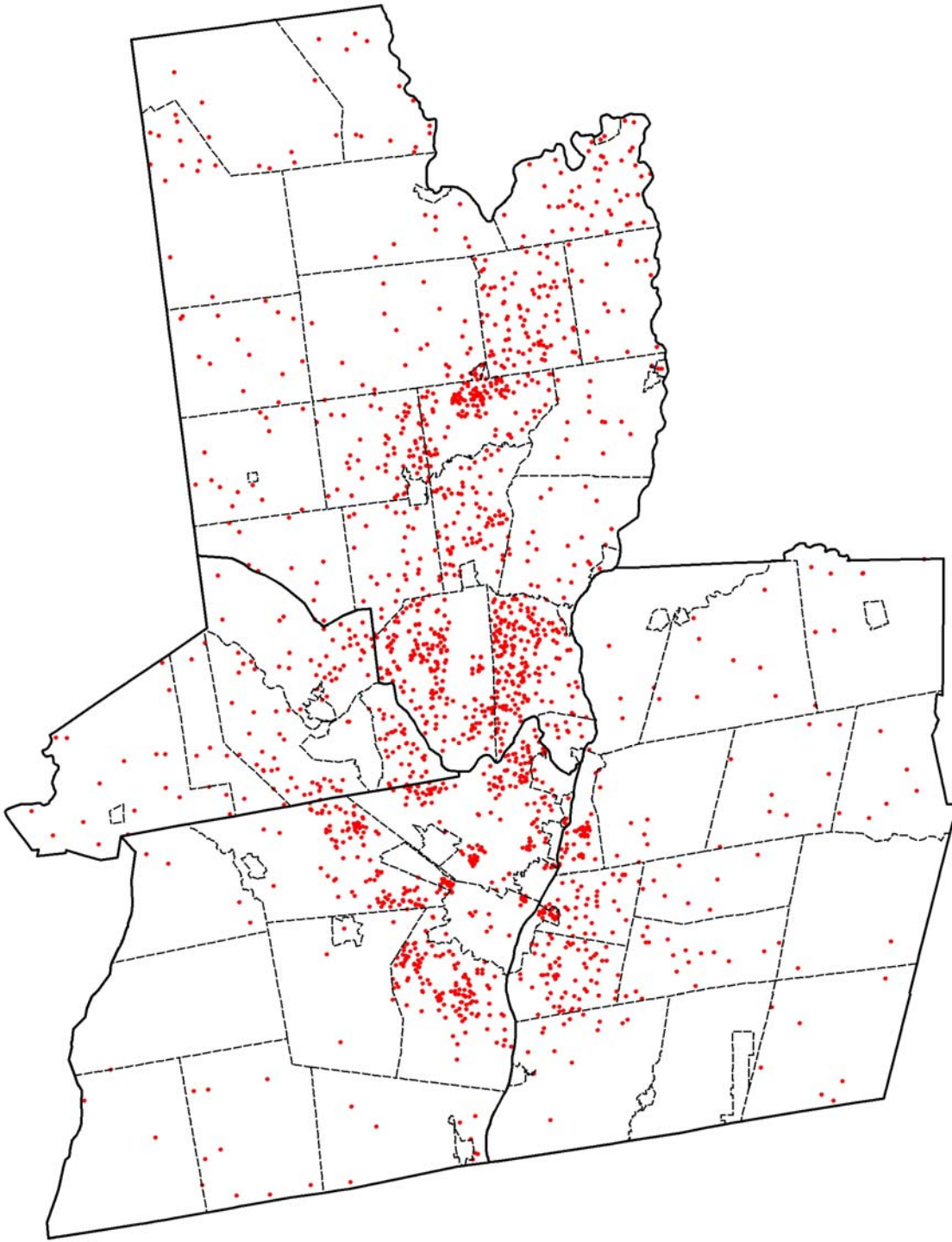
**2000-2030**

**Status Quo**

**Trend**

**72,707 net persons**

1 dot = 50 people



- **CDRPC Projections**
- **Current Policies**

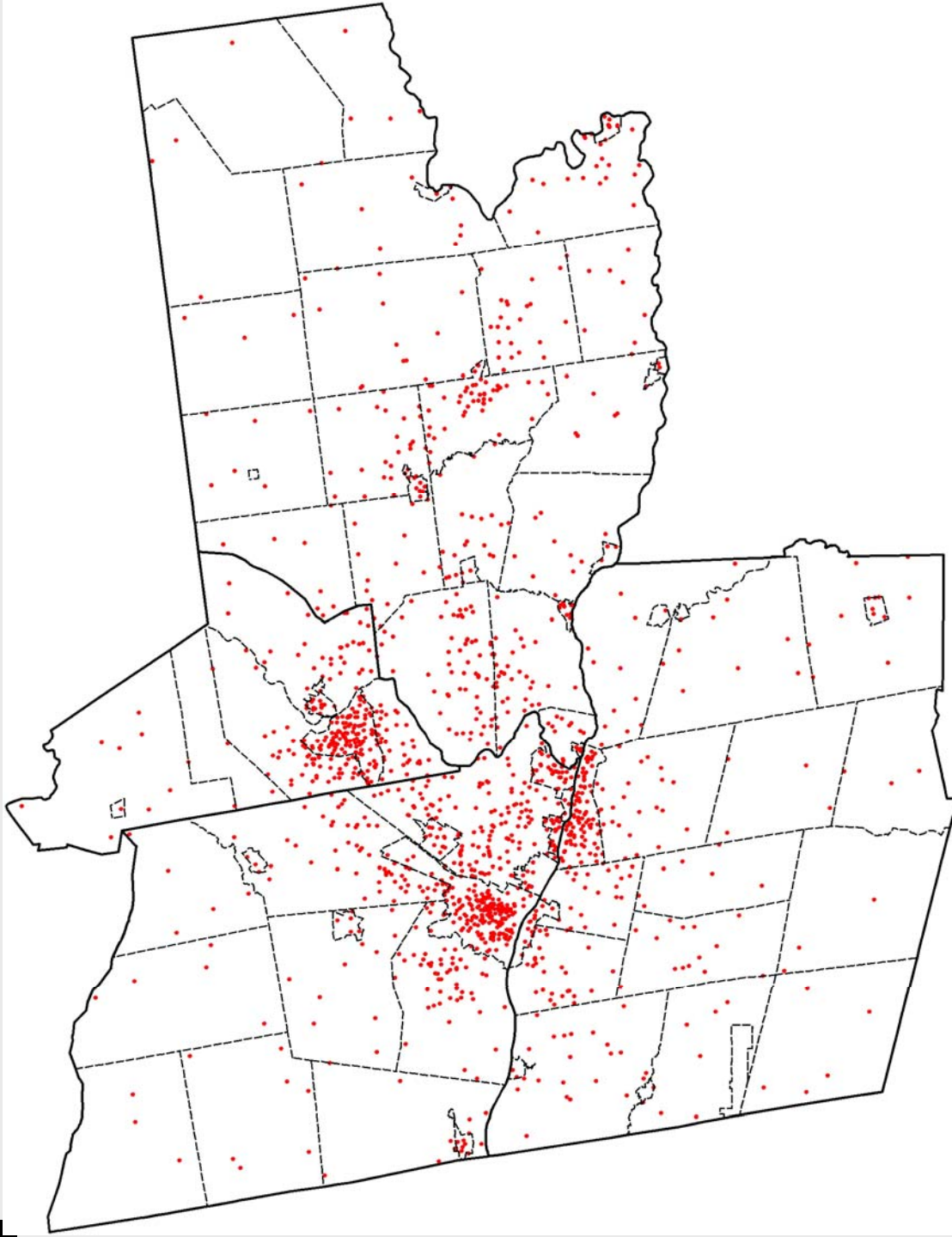
## **Development Scenario 2**

**2000-2030**

**Concentrated  
Growth**

**72,707 net persons**

**1 dot = 50 people**



- **CDRPC Projections**
- **Higher Density**
- **Urban Policy Initiatives**



## **Development Scenario 3**

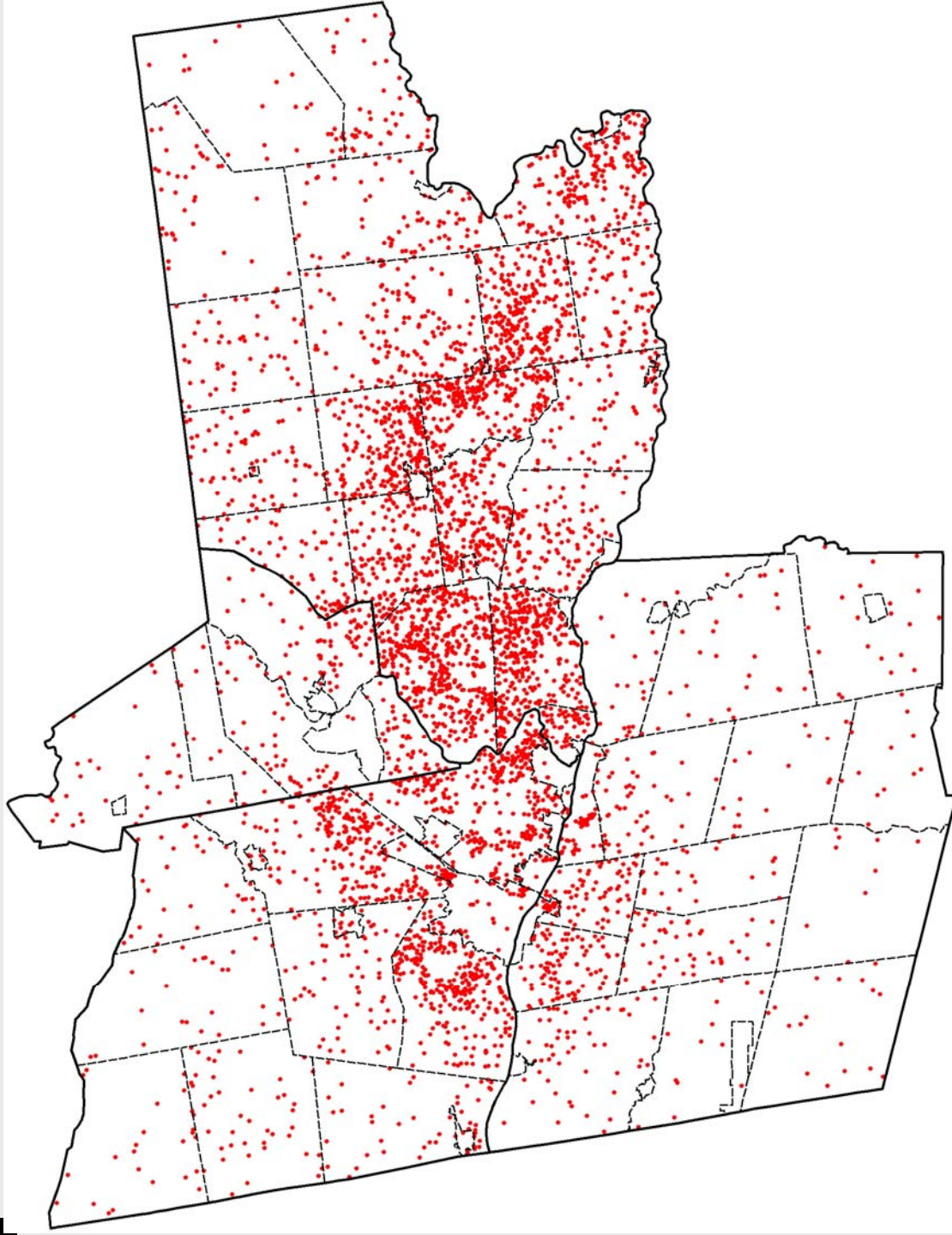
**2000-2030**

**Trend**

**Hyper-Growth**

**229,341 net persons**

1 dot = 50 people



- **Average U.S. Growth Rate (1%/year)**
- **Current Policies**



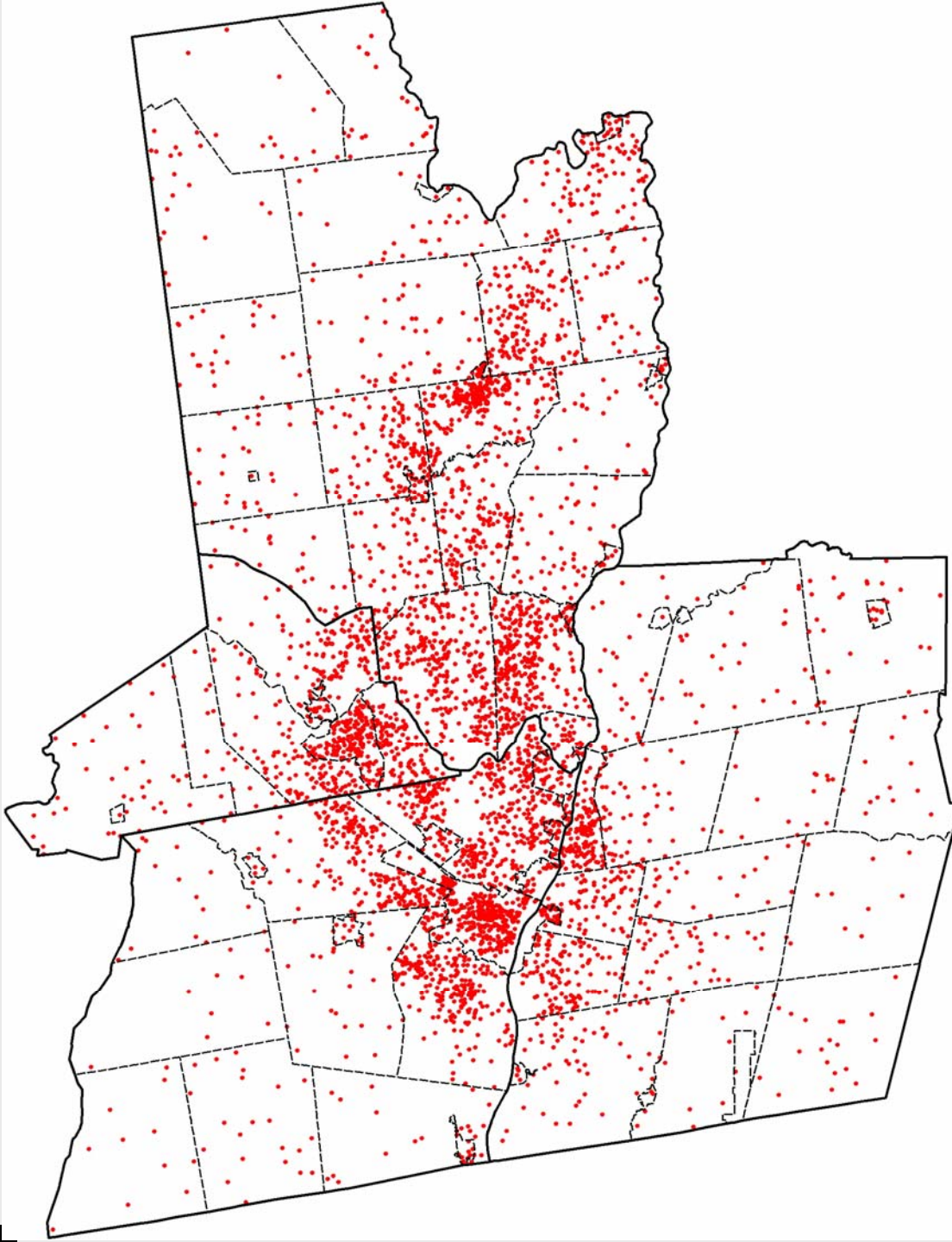
## **Development Scenario 4**

**2000-2030**

**Concentrated  
Hyper-Growth**

**229,340 net persons**

1 dot = 50 people



- **Average U.S. Growth Rate (1%/year)**
- **Higher Density**
- **Urban Policy Initiatives**

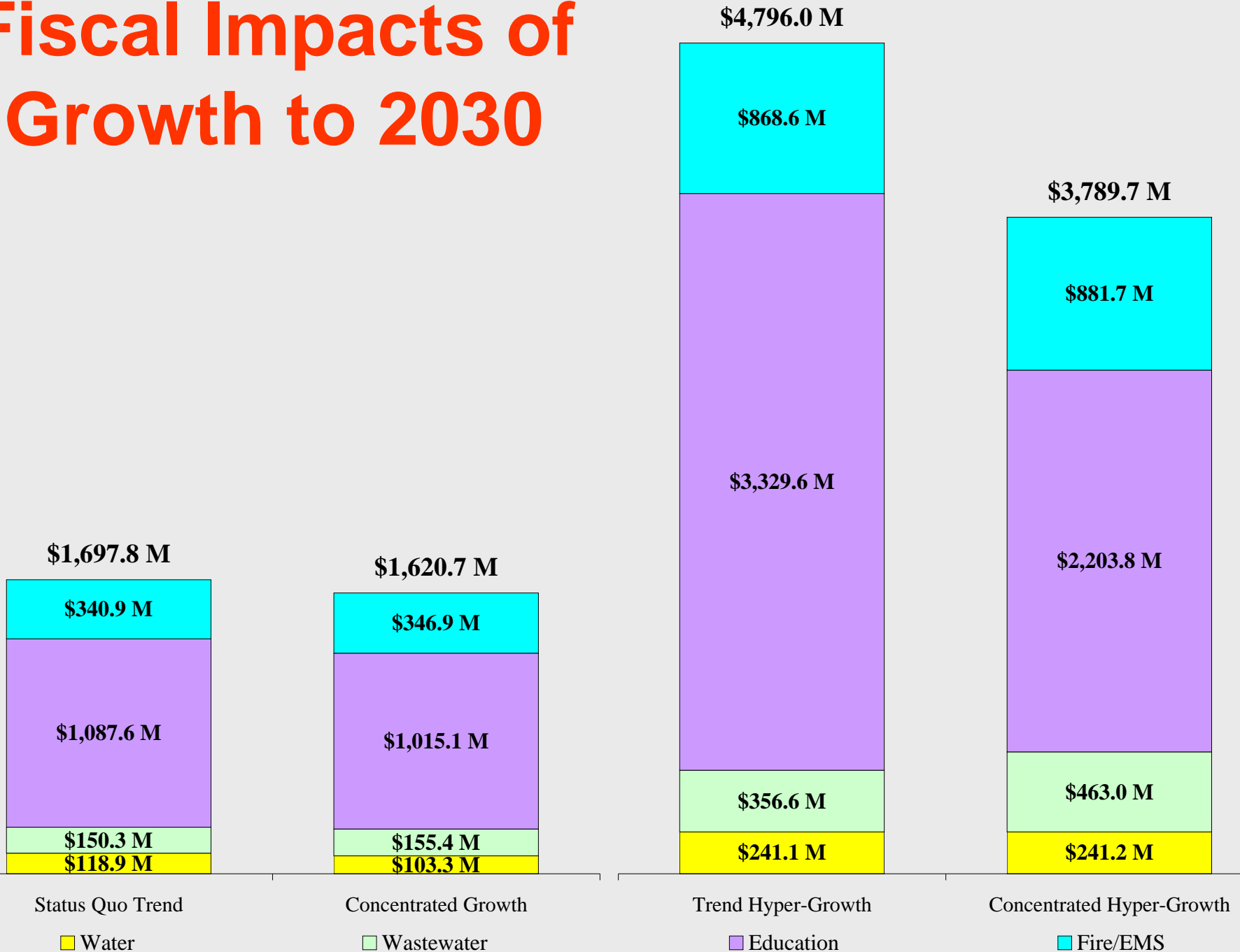
# Framework for the Analysis

- Alternative Development Report
- Horizon Year (2030)
- Selecting a Model
- Calibrating the Model
  - Interviews with local area providers
  - Secondary data
  - National averages
- Trends

# Two Types of Infrastructures

- Fixed in Place Development Drivers
  - Transportation
  - Potable water treatment and distribution
  - Wastewater collection and treatment
- More Mobile
  - Schools
  - Fire/EMS

# Fiscal Impacts of Growth to 2030



# Combined Fiscal Impacts in the Capital District

	Estimated Facilities Costs			
	Status-Quo	Concentrated	Trend	Concentrated
County	Trend	Growth	Hyper-Growth	Hyper-Growth
Albany	\$243,499,538	\$330,846,210	\$621,735,619	\$913,956,426
Rensselaer	\$216,829,182	\$307,816,498	\$1,510,707,654	\$630,941,530
Saratoga	\$970,600,515	\$565,649,054	\$2,350,748,503	\$1,607,098,868
Schenectady	\$267,474,969	\$416,367,536	\$312,790,118	\$637,704,283
<b>Total Public Impact Capital District</b>	<b>\$1,698,404,204</b>	<b>\$1,620,679,298</b>	<b>\$4,795,981,895</b>	<b>\$3,789,701,106</b>

**Total Vehicle Operating Costs**      \$60,433,929,962    \$58,125,457,806    \$66,489,033,128    \$62,702,511,605

	Low Growth	Hyper-Growth
<b>Difference Trend-Concentrated</b>	<b>\$2,386,197,063</b>	<b>\$4,792,802,312</b>

# Critical Points

- More dispersed development patterns means higher infrastructure costs, in particular for education.
- The faster the Region grows, the more critical it is to manage growth to avoid escalating infrastructure costs.
- Under the trend scenarios the costs to maintain existing infrastructure will be borne by a smaller and less wealthy population.
- Private costs for Water and Wastewater would be less under the concentrated versus the trend growth scenarios.
- Mutual aid assistance agreements for fire and emergency services may not ensure adequate personnel and property protection in fast growing suburban and rural areas dependent on volunteer staffing, accelerating the need to professionalize some currently volunteer districts.

# Three Levels of Policy-Makers

- **Regional**

- CDTC
- CEG
- Capital Region Local Government Council
- Business & Higher Education Roundtable
- Tech Valley Chamber Coalition
- CDRPC
- ARISE

- **State**

- DOT
- DOS
- DEC
- Governor's Office
- Parks, Rec., & Hist. Preservation
- Agriculture & Markets
- Empire State Development
- Legislature

- **Local**

- Government
- Fire Districts
- School Districts
- Water & Sewer Districts

# Three Levels of Policy-Makers

<b>Local</b>	<b>Regional</b>	<b>State</b>
Seek collaborative projects/shared resources with adjacent communities and/or county.	Identify a regional vision and strategies to implement the vision.	Develop a Smart Growth Plan
Develop land use regulations consistent with the Smart Growth Plan.	Strengthen existing partnerships and expand constituency support of a regional strategy.	Target economic development, infrastructure and other investments that are consistent with the Smart Growth Plan.
Seek to locate public facilities that have multimodal transport options and complement the Smart Growth Plan as well as the New Visions Plan.	Implement the goals of the New Visions Plan.	Increase incentives for consolidation and collaboration.
Increase participation in the CDTC linkage program.	Pursue the bid ticket items outlined in the New Visions report.	Increase local community training in planning with a smart growth curriculum.
Continue to build a strong Local Government Council to encourage more collaboration and shared vision.	Provide technical/research assistance to investigate opportunities for regional service delivery initiatives.	State Environmental Quality Review process should be consistent with the objectives of the Smart Growth Plan.



# Questions?

University at Albany Research Team

Gene Bunnell, Ph.D, AICP

David Lewis, Ph.D

David Falcon

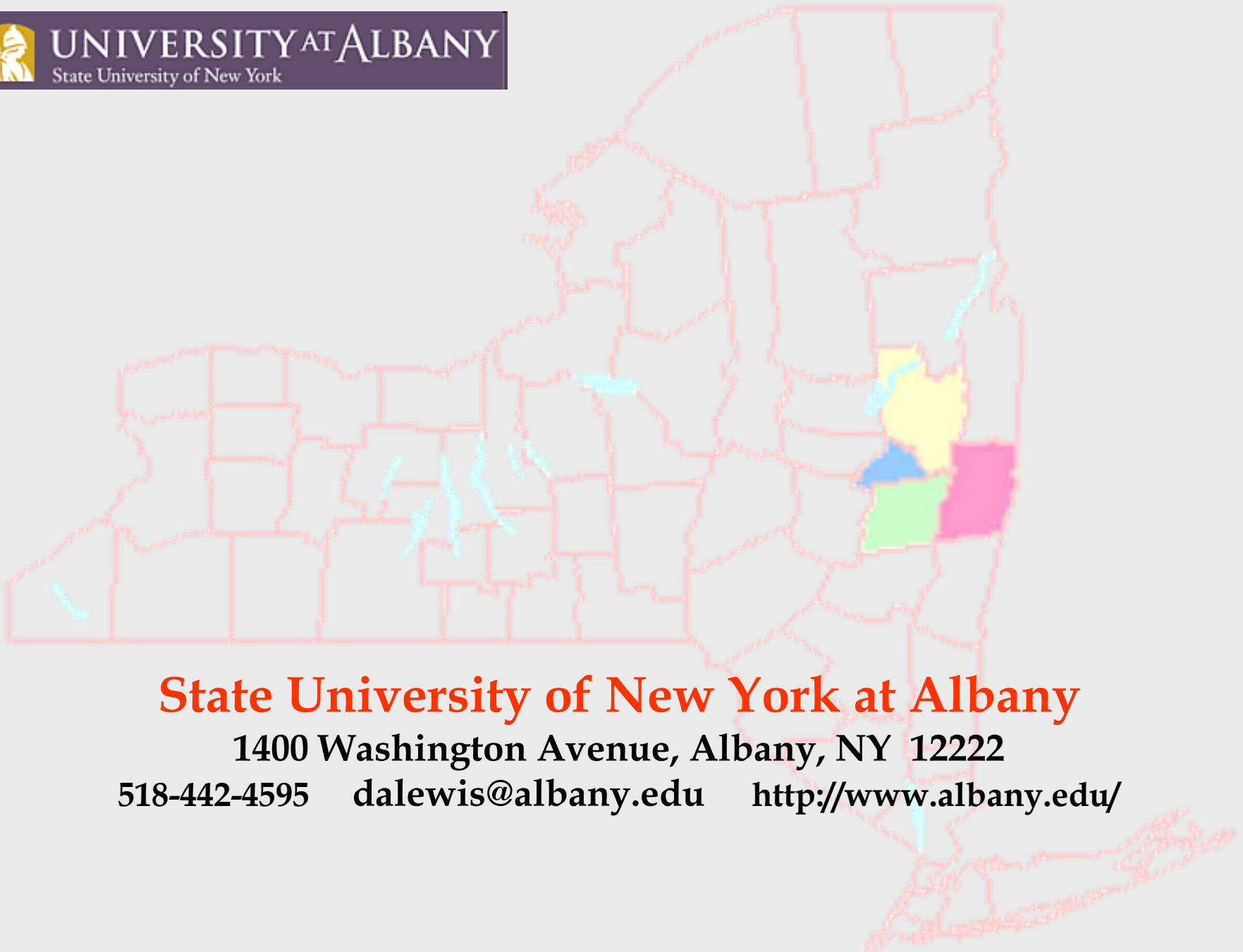
Scott LaMountain

Joshua Silver



**UNIVERSITY AT ALBANY**

State University of New York



## **State University of New York at Albany**

**1400 Washington Avenue, Albany, NY 12222**

**518-442-4595   dalewis@albany.edu   <http://www.albany.edu/>**

# Study Limitations

- Regional Definition
- Data Collection
- No Revenue Analysis
- Externalities and Opportunities Costs are not Estimated
- Limited Analysis of Private Costs

# Water Use

## Differences in Core and Suburban Water Use in Capital District

Place	Residents Served	All User MGD	Percent of Capital District Water Use	Gallons Per Resident Per Day
Albany County	272,583	49.03	42.5%	180
City of Albany	101,000	16.51	14.4%	163
Balance of Albany Co.	171,583	32.52	28.4%	190
Rensselaer County	92,071	26.82	23.3%	291
City of Troy*	72,777	20.25	17.7%	278
Balance of Rensselaer Co.	19,294	6.57	5.7%	341
Saratoga County	115,715	11.56	10.9%	100
City of Saratoga Springs	26,153	2.81	2.5%	107
Balance of Saratoga Co.	89,562	8.75	7.7%	98
Schenectady County	133,242	26.94	23.4%	202
City of Schenectady**	85,600	17.37	15.2%	203
Balance of Schenectady Co.	47,642	9.57	8.4%	201
<b>Total</b>	<b>613,611</b>	<b>114.35</b>		<b>186</b>

**Albany County: Combined Facilities Fiscal Impacts**

Infrastructure	Estimated Facilities Costs			
	Status-Quo	Concentrated	Trend	Concentrated
	Trend	Growth	Hyper-Growth	Hyper-Growth
Water	\$0	\$0	\$0	\$23,860,914
Wastewater	\$0	\$35,624,108	\$60,566,426	\$176,656,472
Education	\$184,607,222	\$204,629,218	\$383,278,049	\$472,744,304
Fire/EMS	\$58,892,316	\$90,592,884	\$177,891,144	\$240,694,736
<b>Total Impact Albany County</b>	<b>\$243,499,538</b>	<b>\$330,846,210</b>	<b>\$621,735,619</b>	<b>\$913,956,426</b>

**Rensselaer County: Combined Facilities Fiscal Impacts**

Infrastructure	Estimated Facilities Costs			
	Status-Quo	Concentrated	Trend	Concentrated
	Trend	Growth	Hyper-Growth	Hyper-Growth
Water	\$11,976,901	\$24,393,739	\$40,807,951	\$65,814,644
Wastewater	\$9,205,668	\$36,003,349	\$36,446,549	\$66,749,789
Education	\$121,013,304	\$143,843,384	\$1,295,223,118	\$297,342,064
Fire/EMS	\$74,633,309	\$103,576,026	\$138,230,036	\$201,035,033
<b>Total Impact Rensselaer County</b>	<b>\$216,829,182</b>	<b>\$307,816,498</b>	<b>\$1,510,707,654</b>	<b>\$630,941,530</b>

**Saratoga County: Combined Facilities Fiscal Impacts**

Infrastructure	Estimated Facilities Costs			
	Status-Quo	Concentrated	Trend	Concentrated
	Trend	Growth	Hyper-Growth	Hyper-Growth
Water	\$106,895,056	\$78,897,748	\$200,334,408	\$151,500,345
Wastewater	\$141,778,308	\$83,772,227	\$259,549,065	\$219,565,750
Education	\$554,551,280	\$326,333,028	\$1,390,966,303	\$922,411,431
Fire/EMS	\$167,375,871	\$76,646,051	\$499,898,727	\$313,621,341
<b>Total Impact Saratoga County</b>	<b>\$970,600,515</b>	<b>\$565,649,054</b>	<b>\$2,350,748,503</b>	<b>\$1,607,098,868</b>

**Schenectady County: Combined Facilities Fiscal Impacts**

Infrastructure	Estimated Facilities Costs			
	Status-Quo	Concentrated	Trend	Concentrated
	Trend	Growth	Hyper-Growth	Hyper-Growth
Water	\$0	\$0	\$0	\$0
Wastewater	\$0	\$0	\$0	\$0
Education	\$227,445,423	\$340,305,648	\$260,164,998	\$511,321,145
Fire/EMS	\$40,029,546	\$76,061,887	\$52,625,121	\$126,383,137
<b>Total Impact Schenectady County</b>	<b>\$267,474,969</b>	<b>\$416,367,536</b>	<b>\$312,790,118</b>	<b>\$637,704,283</b>

# Primary and Secondary Education

## Fiscal Impacts on Educational Facilities in the Capital District

County	Estimated Facilities Costs			
	Status-Quo Trend	Concentrated Growth	Trend Hyper-Growth	Concentrated Hyper-Growth
Albany County	\$184,607,222	\$204,629,218	\$383,278,049	\$472,744,304
Rensselaer County	\$121,013,304	\$143,843,384	\$1,295,223,118	\$297,342,064
Saratoga County	\$554,551,280	\$326,333,028	\$1,390,966,303	\$922,411,431
Schenectady County	\$227,445,423	\$340,305,648	\$260,164,998	\$511,321,145
<b>Total Impact Capital District</b>	<b>\$1,087,617,229</b>	<b>\$1,015,111,279</b>	<b>\$3,329,632,467</b>	<b>\$2,203,818,944</b>

# Fire/EMS

## Fiscal Impacts on Fire/EMS Facilities in the Capital District

County	Estimated Facilities Costs			
	Status-Quo Trend	Concentrated Growth	Trend Hyper-Growth	Concentrated Hyper-Growth
Albany County	\$58,892,316	\$90,592,884	\$177,891,144	\$240,694,736
Rensselaer County	\$74,633,309	\$103,576,026	\$138,230,036	\$201,035,033
Saratoga County	\$167,375,871	\$76,646,051	\$499,898,727	\$313,621,341
Schenectady County	\$40,029,546	\$76,061,887	\$52,625,121	\$126,383,137
<b>Total Impact Capital District</b>	<b>\$340,931,042</b>	<b>\$346,876,848</b>	<b>\$868,645,028</b>	<b>\$881,734,248</b>

# Pay Versus Volunteer

## Career Versus Volunteer Firefighters, 2005

Size of the Population Protected	Number of Career FF	Number of Volunteer FF	% Career FF	% Vol FF
>1,000,000	36,100	100	99.7	0.3
500,000-999,999	35,900	4,150	89.6	10.4
250,000-499,999	24750	2800	89.8	10.2
100,000-249,999	47100	3000	94.0	6.0
50,000-99,999	47050	5650	89.3	10.7
25,000-49,999	46650	23950	66.1	33.9
10,000-24,999	45200	79200	36.3	63.7
5,000-9,999	17000	109000	13.5	86.5
2,500-4,999	5,500	165950	3.2	96.8
<2,500	8050	429550	1.8	98.2
TOTAL	313,300	823,350	27.6	72.4

Source: Karter 2006

Note: FF=firefighter



## MEMORANDUM (#07-14)

**To:** Commissioners

**From:** Rocky Ferraro, Executive Director

**Date:** May 8, 2007

**Re:** Long Term Control Plan – Combined Sewer Overflow Study

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The following is a status report of the Albany Pool Long Term Control Plan (LTCP).

A scope of work has been approved by NYS DEC. The total estimated project cost to prepare the LTCP is \$5,010,355, excluding the in kind match by the six communities and two sewer districts. State grants will cover \$2,948,293 of the cost with the remainder the responsibility of the Albany Pool Communities (Albany Water Board, Cohoes, Green Island, Rensselaer, Troy, and Watervliet).

The Inter-municipal agreement which outlines the communities' financial obligation has been finalized and submitted to the six Albany Pool communities for adoption. Five communities have signed the agreement; the sixth is authorized to sign pending approval of the consultant contract.

The agreement for Professional Services between the Consultant Team and CDRPC has been submitted to CDRPC. The proposed contract is presently under review by our legal counsel, Michael Hall.

The Public Participation Plan (PPP), which has been approved by DEC, is in the early stages of implementation. Invitations to join the PPP's Citizen Advisory Committee (CAC) have been mailed to environmental, sporting, and community groups. The initial CAC meeting is planned for this summer. In addition a letter will be sent shortly inviting Federal & State elected officials to an informational session about the CSO project for sometime later this summer.

# ***CAPITAL DISTRICT REGIONAL PLANNING COMMISSION***

## **STAFF ACTIVITY REPORT March 12, 2007 to May 6, 2007**

### **A. ADMINISTRATION**

1. The 2007 Q1 billings were prepared and submitted to the funding agencies for the CSO project, Water Quality, Transportation, EDA, CDTA, CEG, and Wind Energy projects.
2. The 2006 Audit of CDRPC's finances and practices has commenced, with Dorfman-Robbie staff making an initial site visit to collect financial data and conduct interviews.

### **B. REGIONAL PLANNING**

#### **REGIONAL INFORMATION SYSTEM & DATA SERVICES**

1. The staff responded to approximately 70 data requests during the reporting period. CDRPC's Web site had 15,532 visitors in March 2007, a 44.2% decrease from March 2006, and 15,487 visitors in April 2007, a 30.9% decrease from February 2006.
2. The staff continues to update and maintain its GIS, and to provide GIS products and services to local governments, agencies and citizens on request.
3. The staff continues to process, analyze, and disseminate Census data and data released by the U.S. and N.Y.S. Departments of Labor. Information is posted on the web site on an ongoing basis.
4. Staff has continued to provide support to CARES to monitor the four-county Homeless Management Information System data base and to serve as a member or resource to the individual County 10 Year Plans to End Homelessness. Staff is also providing technical support to each of the four counties in addressing the issue of affordable and workforce housing in their respective counties.
5. Informational sessions were held in March in each of the four counties in preparation for the 2010 Census. The focus of the workshops was to discuss the Local Update of Census Addresses (LUCA) with representatives from the Cities, Towns, and Villages who will be responsible for reviewing the files when they are distributed by the Census Bureau during 2007-08. Follow-up training sessions to review and amend the street address files that will be provided by the Census Bureau to the local communities for their review and adjustment will be held this summer and early fall.

#### **WATER QUALITY PLANNING**

1. The Staff has continued work on the 604b water quality program. Staff continues to participate in county water quality coordinating committee activities, MS4 committee activities, and to provide technical support to the counties and local communities. Staff

## ***CAPITAL DISTRICT REGIONAL PLANNING COMMISSION***

has completed the review of all MS4 third year annual reports submitted by each of the communities.

2. Staff continues to work with the Combined Sewer Overflow technical advisory committee, which consists of representatives from the Albany Water Board, the cities of Cohoes, Rensselaer, Troy and Watervliet, and the Village of Green Island, as well as the Albany and Rensselaer county sewer districts. See Memo 07-14 for the most recent update of activities.
3. Staff continues to work on the Onesquethaw-Coeymans Watershed report, which is being funded by a grant received by the Onesquethaw-Coeymans Watershed Council. A draft report is expected to be completed during the Spring.

### **TRANSPORTATION**

1. The staff continues to participate on CDTC's Planning Committee and the Quality Region Initiative Taskforce.
2. Staff has been participating on the Saratoga Springs Downtown Transportation Plan Advisory Committee, the Harriman Campus Area Linkage Plan, the City of Schenectady State Street Transit Oriented Development study, and the Town of Bethlehem Rt. 9W Corridor Plan. These studies are funded through the CDTC Linkage program.
3. Staff has been participating on the South End Albany Master Plan Advisory Committee.
4. A draft report called Estimating the Fiscal Impact of the Alternative Futures for the Capital Region is being finalized for submittal to CEG. The report's preparation is being coordinated with the other members of the study team: CDTC and the University at Albany.
5. CDRPC coordinated with CDTC an adjacent property owner and trail user survey of the Zim-Smith Trail, the Uncle Sam Bikeway, and the Mohawk Hudson Bike Hike Trail. CDRPC has completed a working draft report for the study and is coordinating with CDTC to produce a final document.
6. Commission staff prepared draft TAZ-level employment projections for CDTC, using Census Bureau, Bureau of Labor Statistics, and NYS Dept. of Labor data.

### **TECHNICAL ASSISTANCE**

1. Staff has completed a set of enrollment projections for the Averill Park School District.

## ***CAPITAL DISTRICT REGIONAL PLANNING COMMISSION***

### **HUMAN RESOURCES & CRIMINAL JUSTICE**

1. The Juvenile Detention facility utilization rate was 79.0% in March 2007 and 86.5% in April 2007.
2. CDRPC has assumed responsibility for billing the counties using the facility, and has computed and sent out the bills for the first four months of 2007. Total billings are \$842,784.68 through the end of April.
3. Using its new billing methodology, CDRPC computed the proper payments for all county billings in 2006 and will be discussing with Berkshire Farm in order to prepare the 2006 reconciliation statements.

### **ECONOMIC DEVELOPMENT**

1. Data files continue to be updated and spreadsheets prepared on a monthly basis for public distribution, including Employment/Unemployment and CPI/PPI data. In addition, CDRPC continually maintains and enhances its Web site on an ongoing basis to include new and updated materials as they are prepared.
2. The November/December 2006 issue of Capital District Data was prepared and published with a report on the 2004-2005 school year data for public schools, county-level employment projections by major sector class to 2040, and 2006 poverty-level threshold estimates.
3. New RIMS II economic impact multipliers were obtained from the U.S. Dept. of Commerce, Bureau of Economic Analysis for New York State, the Capital Region, and Saratoga County. The first two were purchased by the University at Albany and the third by Skidmore College. Updated estimates were prepared for the economic impact of Skidmore on Saratoga County.
4. The Commission's new intern is continuing to update the municipal Community Fact Sheets with the most recent data sets, and is checking the Commission's web site to ensure its links and datasets are current.

### **WIND POWER PLANNING**

1. Staff prepared and mailed educational materials to municipalities requesting information on wind technology.
2. Staff continues to work with the Town of Knox to evaluate the potential for a municipally owned wind farm. MSE Power Systems, Inc., one of the leading wind cost estimators for wind power projects is participating with the Town of Knox and Green Island Power Authority in the evaluation.

## ***CAPITAL DISTRICT REGIONAL PLANNING COMMISSION***

3. Staff continues to respond to technical questions on addressing small scale and commercial wind development within comprehensive plans, zoning, and land use regulations.

### **C. MEETINGS AND CONTACTS**

- 3/12/07 Ferraro & Engstrom: LTCP CSO Technical Advisory Committee meeting
- 3/13/07 Wardle: EDA Conference in Philadelphia.
- 3/14/07 Ferraro & Shannon: Saratoga County LUCA training.
- 3/15/07 Engstrom & Shannon: NYSARC & NYSERDA wind energy conference call.
- 3/15/07 Ferraro: Rensselaer County Executive Committee to End Homelessness
- 3/15/07 Fabozzi: Presentation on regional growth patterns at UAlbany.
- 3/19/07 Ferraro & Shannon: Rensselaer County LUCA training.
- 3/20/07 Engstrom & Shannon: Albany County LUCA training.
- 3/22/07 Ferraro: Schenectady County LUCA training.
- 3/22/07 Ferraro: Regional Development Coordinating Council meeting
- 3/22/07 Fabozzi: Harriman Campus linkage study meeting.
- 3/26/07 Ferraro: NYSARC Executive Directors meeting in Syracuse.
- 4/4/07 Fabozzi: CDTC Planning Committee meeting.
- 4/4/07 Fabozzi: South Albany Plan advisory committee meeting.
- 4/4/07 Engstrom: Schenectady County Water Quality Coordinating Committee meeting
- 4/6/07 Fabozzi: Albany County Water Quality Coordinating Committee meeting.
- 4/10/07 Engstrom: CSO LTCP Technical Committee meeting
- 4/10/07 Ferraro, Wardle, & Reinhart: Meeting w/ Jay Springer of Berkshire Farm to discuss billing discrepancies in 2006.
- 4/11/07 Ferraro: Rensselaer County Executive Committee to End Homelessness

## ***CAPITAL DISTRICT REGIONAL PLANNING COMMISSION***

- 4/11/07 Ferraro: Interview with City of Albany AIA Sustainable Design Study Team
- 4/12/07 Engstrom: Saratoga County Water Quality Coordinating Committee meeting.
- 4/12/07 Ferraro: Saratoga County Workforce Housing Partnership meeting
- 4/12/07 Ferraro: CDTC Regional Transportation Coordination Committee meeting
- 4/17/07 Fabozzi: CDTC Regional Linkage Forum meeting.
- 4/16/07 Ferraro: ECOS Post Conference meeting
- 4/17/07 Engstrom & Shannon: Knox Wind Project Connectivity meeting.
- 4/18/07 Fabozzi: Rensselaer County flood mapping workshop.
- 4/18/07 Shannon: ACORE teleconference: Financing Renewable Energy Utilities.
- 4/19/07 Ferraro: Regional Development Coordinating Council meeting
- 4/19/07 Ferraro Berkshire Farm Program Update meeting
- 4/25/07 Fabozzi: Presentation on land use and water quality at Skidmore College
- 4/25/07 Ferraro: Meeting with Marty Mack, Deputy Secretary to the Governor for Intergovernmental Affairs
- 4/25/07 Fabozzi: South Albany Plan advisory committee meeting.
- 4/25/07 Engstrom: Rensselaer County MS4 Consortium meeting
- 4/26/07 Ferraro & Fabozzi: Albany Convention Center planning charrette.
- 4/26/07 Engstrom: Albany County MS4 Consortium meeting
- 4/30/07 Engstrom & Shannon: NYSARC Water Quality Staff meeting in Syracuse
- 5/1/07 Fabozzi: Schenectady Transit Oriented Development Project advisory committee mtg
- 5/2/07 Ferraro & Fabozzi: CDTC Planning Committee meeting.
- 5/2/07 Engstrom: Schenectady County Water Quality Coordinating Committee meeting
- 5/3/07 Ferraro: Luther Forest Technology Campus Team Meeting
- 5/4/07 Engstrom: Meeting with Albany Water Board representatives, City of Troy representatives and CDRPC attorneys regarding the CSO LTCP consultant contract.