

# Interim Update from the Solid Waste Management Options Committee (SWMOC)

November 13, 2007

# Agenda

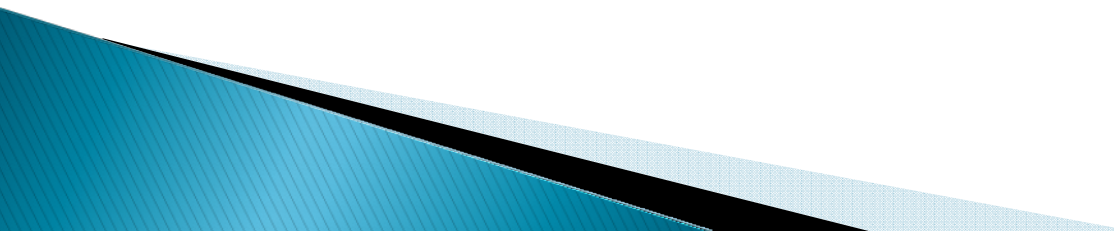
- ▶ Review of Progress To Date
- ▶ Approval of Selected Towns for Task #5

# Review of Progress To Date

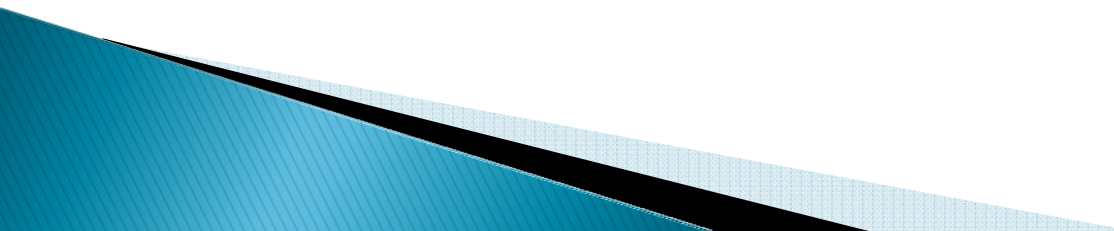


# Responsibilities & Tasks #1

“Document fully the current options available to residents, including the transfer station and all the private haulers currently used. Each option should be fully described as to cost, special features, ease for residents, management implications on town staff, quantity based limits (if any) and other important characteristic and attributes.”



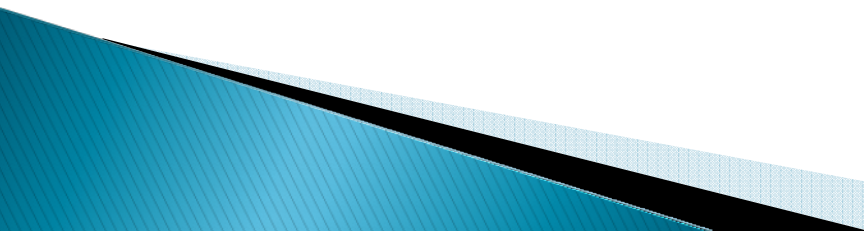
# Responsibilities & Tasks #1: Status

- ▶ Created a standard set of criteria upon which to evaluate all providers
  - ▶ Surveyed the major providers (Allied Waste, Waste Management, BP, Mr. Trashman)
  - ▶ Incorporated information from Sudbury Transfer Station
  - ▶ Compiled all results into a summary
    - Will be included in the committee's final report
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# Approval of Selected Towns for Task #5

# Responsibilities & Tasks #5

“Develop a mechanism for gathering, evaluating and summarizing information from at least five other towns considered similar to Sudbury. The Board of Selectmen will be asked to confirm that the reference towns are acceptable to them for this purpose. Information gathered will include how solid waste disposal is currently handled and financed in these town, and comments from the management and/or executive board of each town.”





# Mechanism for Selecting Towns

## ▶ Goal

- Find towns that are “as similar” to Sudbury as possible on dimensions that are likely to affect the choices available for waste management.

## ▶ Solution

- Determine the relevant criteria for the comparison
- Create a candidate list of towns to compare against
- Collect data for all of the candidate towns
- Produce a ranked list of the towns that are “most similar” to Sudbury across all of the criteria



# Criteria Evaluated

- ▶ Population
- ▶ Land Area (sq. mi.)
- ▶ Population Density (pop/sq. mi.)
- ▶ # of Households
- ▶ % of Households that include <18 year old
- ▶ Median Household Income
- ▶ % Single Family Homes

All data from 2000 U.S. Census

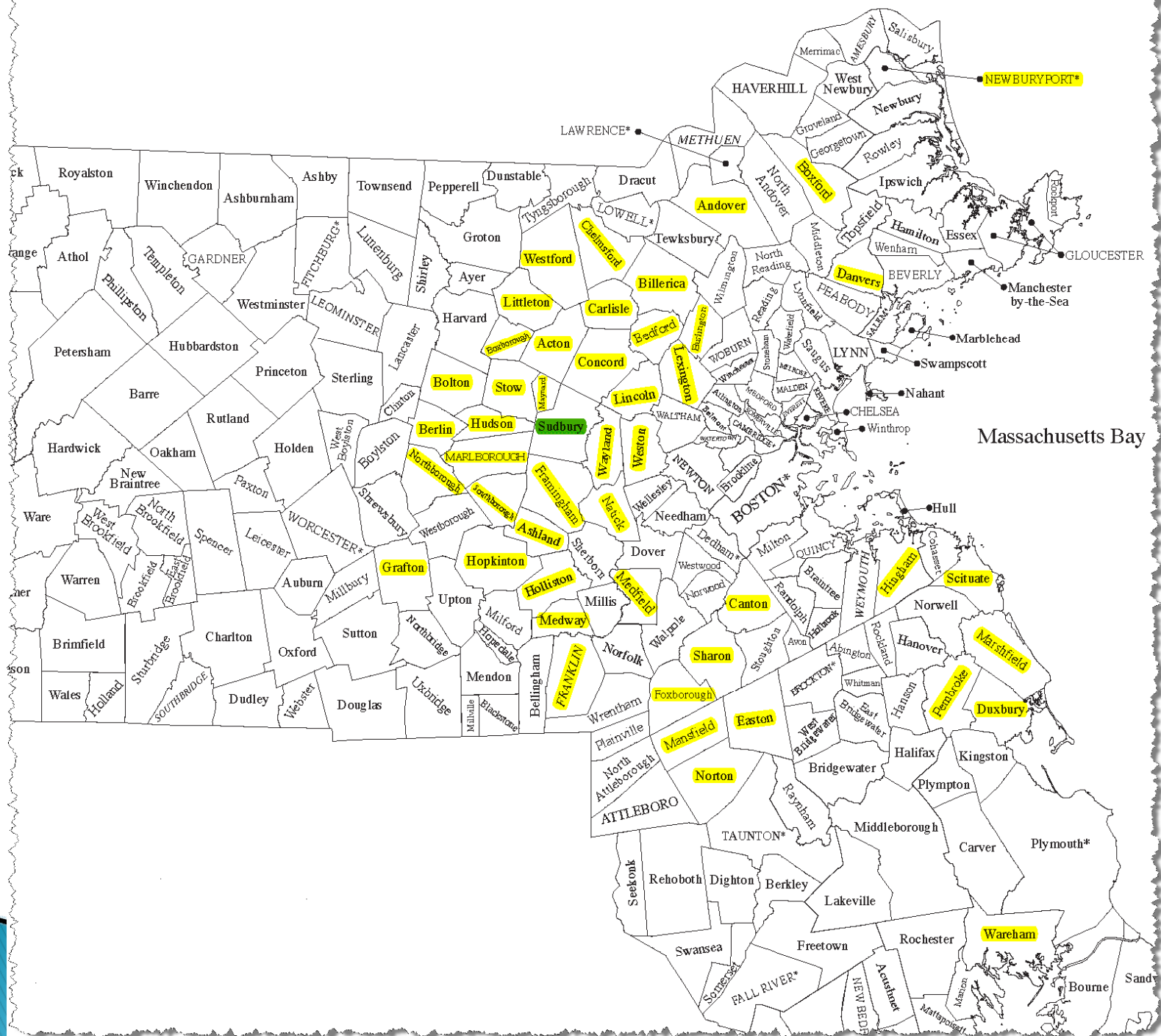


# Criteria Excluded

- ▶ How town currently handles solid waste

# Candidate Towns

- ▶ Acton
- ▶ Andover
- ▶ Ashland
- ▶ Bedford
- ▶ Berlin
- ▶ Billerica
- ▶ Bolton
- ▶ Boxborough
- ▶ Boxford
- ▶ Burlington
- ▶ Canton
- ▶ Carlisle
- ▶ Chelmsford
- ▶ Concord
- ▶ Danvers
- ▶ Duxbury
- ▶ Easton
- ▶ Foxborough
- ▶ Framingham
- ▶ Franklin
- ▶ Grafton
- ▶ Hingham
- ▶ Holliston
- ▶ Hopkinton
- ▶ Hudson
- ▶ Lexington
- ▶ Lincoln
- ▶ Littleton
- ▶ Mansfield
- ▶ Marlborough
- ▶ Marshfield
- ▶ Maynard
- ▶ Medfield
- ▶ Medway
- ▶ Natick
- ▶ Newburyport
- ▶ Northborough
- ▶ Norton
- ▶ Pembroke
- ▶ Scituate
- ▶ Sharon
- ▶ Shrewsbury
- ▶ Southborough
- ▶ Stow
- ▶ Wareham
- ▶ Wayland
- ▶ Westford
- ▶ Weston



Massachusetts Bay

NEWBURYPORT\*

ANDOVER

WESTFORD

CHAFFETTS

BILLERICA

DANVERS

LINCOLN

COCORD

BOSTON\*

SUDBURY

WESTON

FRAMINGHAM

ASHLAND

HOPKINTON

GRAFTON

HOLLISTON

MEDFORD

CANTON

SHARON

FOXBOROUGH

EASTON

MANSFIELD

NORTON

MARSHFIELD

DUXBURY

WARHAM

# Compiled Results

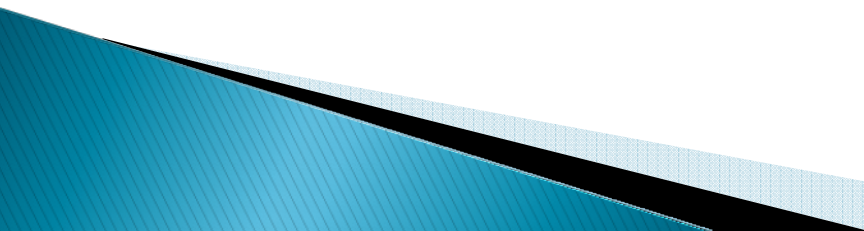
- Every town has a score for every criteria
- Green means it is “closer” to Sudbury on that dimension
- Red means that it is “further” from Sudbury on that dimension
- All of the dimensions are then combined into a composite score

County	Town	Population	Land Area (sq. mi.)	Density (pop/sq. mi.)	# Households	% Households w/ < 18 yr. old	Median Household Income	% Single Family Homes	Aggregate
	Sudbury	1	1	1	1	1	1	1	1
Norfolk	Sharon	4	5	5	5	8	14	13	1
Middlesex	Westford	18	23	2	16	3	6	3	2
Plymouth	Duxbury	10	3	9	7	21	8	14	3
Middlesex	Concord	2	2	1	6	30	11	26	4
Middlesex	Hopkinton	16	9	19	13	1	13	12	5
Plymouth	Pembroke	1	11	8	3	18	37	7	6
Essex	Boxford	33	1	28	32	4	1	1	7
Middlesex	Holliston	12	22	4	10	13	22	17	7
Worcester	Northborough	11	25	11	8	14	20	19	9
Worcester	Southborough	29	36	7	28	5	3	5	10
Middlesex	Wayland	17	32	18	11	22	5	8	10
Bristol	Norton	7	19	6	4	15	38	30	12
Middlesex	Weston	23	28	3	21	19	18	10	13
Norfolk	Medfield	22	34	16	19	2	7	24	14
Plymouth	Hingham	13	8	20	20	28	19	18	15
Middlesex	Acton	14	16	24	23	17	12	36	16
Middlesex	Carlisle	37	31	29	36	6	2	2	17
Plymouth	Scituate	6	27	26	14	34	27	11	18
Worcester	Bolton	38	20	34	38	12	4	4	19
Norfolk	Foxborough	5	18	12	9	33	39	39	20
Middlesex	Stow	34	25	27	34	20	10	6	21
Bristol	Easton	24	15	10	22	27	31	31	22
Norfolk	Medway	21	43	30	17	7	24	22	23
Middlesex	Lincoln	32	35	14	30	9	21	25	24
Middlesex	Bedford	20	37	23	12	38	15	23	25
Plymouth	Marshfield	28	17	17	33	26	35	16	26
Middlesex	Littleton	31	29	21	27	25	25	21	27
Bristol	Mansfield	25	14	31	25	10	34	42	28
Middlesex	Ashland	9	41	35	2	32	32	34	29
Norfolk	Franklin	39	10	33	40	11	26	32	30
Middlesex	Billerica	47	6	38	45	24	33	9	31
Essex	Andover	41	24	25	42	23	16	33	32
Middlesex	Lexington	40	30	42	41	29	9	20	33
Norfolk	Canton	19	21	32	26	43	30	41	34
Plymouth	Wareham	15	39	13	29	42	48	27	35
Middlesex	Boxborough	36	46	22	35	16	17	45	36
Worcester	Grafton	35	45	15	1	37	46	40	37
Middlesex	Chelmsford	45	7	37	44	35	28	29	38
Middlesex	Burlington	26	42	44	31	39	23	28	39
Middlesex	Hudson	8	43	40	18	40	44	44	40
Worcester	Berlin	42	40	36	39	31	36	14	41
Worcester	Shrewsbury	43	13	39	43	36	40	35	42
Essex	Newburyport	3	47	46	24	48	43	46	43
Middlesex	Maynard	27	48	45	15	47	41	38	44
Essex	Danvers	30	38	43	37	41	42	37	45
Middlesex	Marlborough	46	12	41	47	44	45	48	46
Middlesex	Natick	44	33	47	46	45	29	43	47
Middlesex	Framingham	48	4	48	48	46	47	47	48

# Top 10 Comparable Towns

1. Sharon
  2. Westford
  3. Duxbury
  4. Concord
  5. Hopkinton
  6. Holliston
  7. Boxford
  8. Northborough
  9. Southborough
  10. Wayland
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# Neighboring Towns Not in Top 10

- ▶ **Weston**
    - Land area and population much smaller than Sudbury
  - ▶ **Acton**
    - Significantly higher percentage of multi-family homes
  - ▶ **Lincoln**
    - Land area and population much smaller than Sudbury
- 



# Recommended Towns

- ▶ Sharon
- ▶ Westford
- ▶ Duxbury
- ▶ Concord
- ▶ Hopkinton
- ▶ Wayland

