



John Manganaro, Director

# What makes up Public Works

- Administration
- Buildings and Grounds
- Solid Waste
  - Recycling
  - Trash
- Road Repair
  - Lawns and Gardens
  - Stormwater Management
    - Street Cleaning
- Water and Sewer
  - Treatment Plants & Pump Stations
  - Distribution System
  - Collection System
  - Meters
- Shore Protection

# Administration

- John Manganaro, Director
- Robert McKeefery, Assistant PW Superintendent, Assistant Water and Sewer Utilities Superintendent
- Lewis Steelman, Assistant PW Superintendent, Recycling Program Aide
- Victoria Rutledge, Supervising Clerk Typist, Env. Commission Secretary
- Susan Terruso, Radio Dispatcher, Sr. Clerk Typist, Agency Aide
- Mary Romano, Sr. Clerk Typist, Sr. Bldg. Maint. Worker
- Paul Glynn, Sr. Maint. Repairer, Coordinator of Safety Programs

## Buildings and Grounds Personnel

- Joseph Scavetti, Supervising Maintenance Repairer
- James Snyder, Asst. Supervising Maint. Repairer
- James Schneider, Sanitation Drive, Public Works Trainee
- Samantha Muller, Sr. Building Maintenance Worker
- Raymond Parsons, Laborer
- Ron Miller, Public Works Repairer, Grounds Keeper
- Timothy Rutledge, Laborer



# Building and Grounds

- Includes but not limited to cleaning of public facilities and restrooms
- Maintenance Repair to all public buildings including carpentry and electrical needs.

# City Buildings and Locations

- City Hall
- Beach Tag/Library
- Community Lodge
- Marina Complex
- Recreation Complex and Restrooms at Dealy Field
- Fire House/Tourism Building
- 3 Promenade Restrooms
- 3 Lifeguard Stations
- Main Public Works Garage
- 80<sup>th</sup> Street Maintenance Yard
- 40<sup>th</sup> Street Construction Site
- Ambulance Corps Headquarters
- Veterans Park and Gazebo
- Promenade Gazebo and seating area
- Townsend's Inlet Park and Restrooms
- 85<sup>th</sup> Street Gazebo, Restrooms and Park
- Public Safety Building

# Building Maintenance



# Misc. Building and Grounds Projects

- Seasonal Lighting Displays
- Flags
- Banners
- Beach access steps
- Memorial Bench Maintenance
- Entrance Signs



# Special Events

- Skimmer Weekend
- Movies under the stars
- Dance Parties
- Bill Gallagher Island Run
- Fall Family Festival
- Irish Weekend
- Octoberfest
- Tri for our Vets
- Italian Festival
- C. Moretti Race for the Cure
- Beacon Animal Rescue 5K run/Walk
- CMC Bar Assoc. Run
- Little Miss Sea Isle
- Paws on The Promenade
- Special Olympics Crabbing Tournament
- National Night Out
- Polar Bear Plunge
- Ocean Drive Marathon
- Surf Fishing Tournaments
- Paws on the Promenade
- Memorial Day Service, 9/11 commemorative service and Veterans Day Service
- 4<sup>th</sup> of July Celebration
- Baby Parade
- Heritage Surfing Competition
- New Years Eve in Italy
- Harborfest



# Special Events



# Special Events





# Special Events





# Solid Waste Personnel

- Michael Tighe, Assistant Supervisor Maintenance Repairer
- David Herman, Truck Driver Heavy
- Dennis Felsing, Jr., Sanitation Driver
- John Rutledge, Sr. Maintenance Repairer, Plumber
- Collin McClory, Sanitation Driver
- Zachary Pew, Public Works Trainee
- Bruce McFarlane, Laborer
- William Simpson, Laborer
- Thomas Minifri, Laborer
- Christopher McKinley, Laborer

# Trash Year To Date

• 54 Loads of Bulk Trash	192.03	Tons
• 430 Loads of Trash	3397.57	Tons
• 5 Loads of Construction Debris	69.85	Tons
• 10 Loads of Non-Chemical Industrial	19.65	Tons
• 1 Load of Paint	85	Gallons
• 2 Loads of Storm Debris	6.4	Tons

# Recyclables year to date

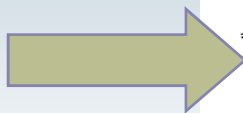
• 314 Loads of Glass/Aluminum	1202.29	Tons
• 267 Loads of Paper/Cardboard	672.76	Tons
• 11 Loads of Brush	9.34	Tons
• 25 Loads of Grass/Leaves	4.42	Tons
• 3 Loads of Tires	2.94	Tons
• 3 Loads of Christmas Trees	1.99	Tons
• 15 Loads of Electronics	10.45	Tons
• 1 Load of Wood Pallets	0.28	Tons
• 10 Loads of Hard Plastics	9.12	Tons
• 2 Loads of Scrap Metal	0.93	Tons
• 1 Load of Stumps	4.15	Tons
• 5 Loads of Freon Filled Items	1.99	Tons

# Trash & Recycle Yard (RDOA)



- Staffed residential drop off for trash and recycling
- Maintains Year Round Hours for residents convenience
- 7 days a week summer
- 4 days a week winter

**# One**



**EXHIBIT III**  
**MATERIALS DIVERTED BY MUNICIPALITY**  
**THROUGH THE**  
**CAPE MAY COUNTY MUNICIPAL UTILITIES AUTHORITY**  
**INTERMEDIATE PROCESSING FACILITY**

Municipal Origin	Total Type 10, 12, 18, MRP Jan - Sep 2008	Total IPF Materials (Type 12,18, MRP) Jan - Sep 2008	% IPF Materials Diverted Jan - Sep 2008
Sea Isle City	5,310.18	1,887.84	35.55%
Avalon	3,828.64	1,319.07	34.45%
Stone Harbor	2,345.87	721.52	30.76%
West Cape May	602.73	168.76	28.00%
Cape May Point	291.48	81.24	27.87%
Upper Township	6,671.35	1,770.89	26.54%
West Wildwood	453.83	117.46	25.88%
Wildwood Crest	4,123.10	1,042.89	25.29%
Cape May City	5,253.55	1,328.01	25.28%
North Wildwood	6,662.59	1,616.46	24.26%
Woodbine	1,217.66	268.91	22.08%
Dennis Township	3,919.44	857.19	21.87%
Ocean City	15,197.93	3,268.09	21.50%
Lower Township	15,915.78	3,379.31	21.23%
Wildwood	8,927.60	1,823.89	20.43%
Middle Township	16,399.75	2,758.36	16.82%
	<b>97,121.48</b> (tons)	<b>22,409.89</b> (tons)	<b>23.07%</b>

# Road Repair Personnel

- John Mazurie, Assistant Supervisor, Heavy Equipment Operator
- Anthony Di'Antonio, Sr. Public Works Repairer, Grounds Keeper
- Ryan Schneider, Public Works Repairer

# Road Repair



- Newly paved sections of Pleasure Avenue and 32<sup>nd</sup> Street



# Road Repair



## CITY OF SEA ISLE CITY – DEPARTMENT OF PUBLIC WORKS STREET RATING FORM

- Road Repair Rating Form used to inspect the roads in Sea Isle City

NAME OF STREET \_\_\_\_\_ BETWEEN \_\_\_\_\_ AND \_\_\_\_\_

WIDTH OF STREET \_\_\_\_\_

LENGTH OF STREET \_\_\_\_\_

SQUARE YARDS \_\_\_\_\_

Type of Pavement: Stone & Chip ?    Asphalt over Concrete ?    Asphalt ?

Underground Utilities:    Water ?    Sewer ?    Gas ?    Storm ?

Existing Condition: Subject to flooding    Yes ?    No ?

Traffic Volume    Low ?    Moderate ?    High ?

**Asphalt Pavement Rating**

Visual Pavement Defects	Scale ( 0 = excellent)	Rating
Transverse Cracks-----	0-5	_____
Longitudinal Cracks-----	0-5	_____
Alligator Cracks-----	0-10	_____
Shrinkage Cracks-----	0-5	_____
Rutting-----	0-10	_____
Corrugations-----	0-5	_____
Raveling-----	0-5	_____
Shoving or Pushing-----	0-10	_____
Pot Holes-----	0-10	_____
Excess Asphalt-----	0-5	_____
Polished Aggregate-----	0-5	_____
Deficient Drainage-----	0-10	_____
Aging (Oxidation)-----	0-5	_____
Overall Riding Quality-----	0-10	_____
	Sum of Defects	_____

Condition Rating = 100 minus Sum of Defects



## Data Base findings of road repair inventory

Street	between	and	width	length	type	water	sewer	floods	traffic volume	rating	notes	Date
33rd	Landis	Beach	29	330	asphalt	Yes	Yes	Yes	low	62		5/08
74th	Landis	Central	40	636	asphalt	Yes	Yes	No	moderate	63		5/08
45th	Beach	Landis	30	350		Yes	Yes	no	high	63		5/08
51st	Landis	Beach	30		asphalt	Yes	Yes	no	low	64		5/08
42nd	Pleasure	Landis	30	225	asphalt	No	No	no	moderate	65		5/08
32nd	Beach	Landis	30	175	asphalt	Yes	Yes	no		66	many service ditches	5/08
54th	Landis	Beach	29	507	asphalt	Yes	Yes	no	low	66	patched	5/08
57th	Landis	Central	60	632	asphalt	Yes	Yes	no	moderate	66		5/08
50th	Beach	Pleasure	30	160	asphalt	Yes	Yes	no	low	67		5/08
46th	Beach	Landis	30	350	asphalt	Yes	Yes	no	moderate	69		5/08
42nd	Beach	Pleasure	30	75	asphalt	Yes	Yes	no	low	69		5/08
60th	Landis	Central	29	631	asp/over	Yes	Yes	no	moderate	69		5/08
40th	Landis	Central	30	630	con	No	No			70		5/08
91st	Landis	Bay	39	213	asphalt	Yes	Yes			71		5/08
90th	Landis	Bay	30	240		No	No			72		5/08
48th	Beach	Landis	30	350	asphalt	Yes	Yes	no	low	72		5/08
Marine	32nd	31st	29	312	asphalt	Yes	Yes	no	low	73		5/08
49th	Landis	Central	30	600	asp/over	Yes	Yes	no	moderate	74		5/08
Pleasure	32st	32nd	30	275	con asphalt	Yes	Yes	no	low	77	occasionally floods	5/08
89th	Landis	Bay	29	280		Yes	Yes	no	low	78		5/08
61st	Landis	Freda	34	510	asphalt	Yes	Yes	no	low	79		5/08
72nd	Landis	way Central	40	663		No	No			83		5/08

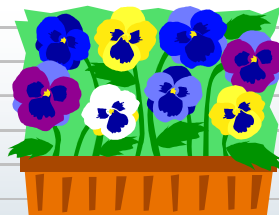
# City Lawns



Location	Type	Content	Need	Maintenance	Frequency
Foot of Bridge	non-seeded area	local growth	mowing/weed wacking		as needed
Public Safety Building	Lawn w/sprinkler	grass	mowing/weed wacking		weekly
Community Lodge	Lawn w/sprinkler	grass	mowing		weekly
Ambulance Corps	Lawn w/sprinkler	grass	mowing		weekly
Library/Beach Tag office	Lawn w/sprinkler	grass	mowing		weekly
DWP Main Shop	non-seeded area	local growth	weed wacking	general cleanup	as needed
Island #1	Island w/sprinkler	grass/trees/bushes	mowing/weed wacking	general cleanup	weekly
Island #2	Island w/sprinkler	grass/trees/bushes	mowing/weed wacking	general cleanup	weekly
Island #3	Island w/sprinkler	grass/trees/bushes	mowing/weed wacking	general cleanup	weekly
Island #4 - East of Landis	Island w/sprinkler	grass/trees/bushes	mowing	general cleanup	weekly
Veterans Park	Lawn w/sprinkler	grass/trees/bushes	mowing/weed wacking	general cleanup	weekly
Cospar Lot	non-seeded area	local growth	mowing/weed wacking	general cleanup	as needed for events
34th Street Pump Station	non-seeded area	local growth	weed wacking	general cleanup	as needed
40th Street Water Tower	non-seeded area	local growth	weed wacking	general cleanup	as needed
55th Street Well	Lawn	grass	mowing		weekly
80th Street DPW Shop	non-seeded area	local growth	weed wacking	general cleanup	as needed
80th Street Well	non-seeded area	local growth	weed wacking	general cleanup	weekly
69-70th Street Park	Lawn w/sprinkler	grass/trees/bushes	mowing/weed wacking	general cleanup	weekly
Recreation Complex	Lawns w/sprinkler	grass/trees/bushes	mowing/weed wacking	general cleanup	weekly
88th Street Pump Station	non-seeded area	local growth	weed wacking	general cleanup	weekly

# City Gardens

Location	Type	Content	Need	Maintenance Frequency
West side of the Bridge	Welcome Sign	Small Flower Garden	Planting/Weeding	Weekly
Islands on JFK	Island	30 Various Flower Gardens	Planting/Weeding	Weekly
	Island	1 Rock Garden	Planting/Weeding	Weekly
	Island	7 Flower Boxes	Planting/Weeding	Weekly
	Tree Pits	Tree/Grate	Cleaning	Spring/Fall
JFK-CMC Library/Beach Tag	Heart Shaped Rock Garden	Flowers	Planting/Weeding	Monthly
	Corner Garden	Flowers	Planting/Weeding	Weekly
Sea Isle Ambulance Corps	Around Building	Flowers/Trees/Bushes	Planting/Weeding/Pruning	Monthly
Public Safety Building	Front Garden	Flowers/Trees/Bushes	Planting/Weeding/Pruning	Weekly
	Fence area	encroachment from adjoining properties	Weed Wacking/General Cleaning	Monthly
DPW-Main Shop	Flag Pole	Garden	Planting/Weeding	Weekly
Veteran's Park Grounds	Fountain	Garden	Planting/Weeding	Weekly
	Tree Pits	Tree/Grate	Cleaning	Spring/Fall
Community Lodge	Building Perimeter	Landscaping	Planting/Weeding	Weekly
	Parking Lot		General Maintenance	As needed
1st Street Sign	Needs Landscaping			As needed
29th Street	Garden Box	Flowers	Planting/Weeding	Weekly
32nd Street Promenade	Garden Box	Flowers	Planting/Weeding	Weekly
34th Street	Garden	Flowers	Planting/Weeding	Weekly
40th Street Restrooms	Various	native plants	cleaning around restrooms and showers	Weekly
City Hall	Building Perimeter	Landscaping	Planting/Weeding	Weekly
	Parking Lot		General Maintenance	As needed
57th Street	Flower Pots	Flowers	Planting/Weeding	Weekly
Play-by-the Bay	Gardens	Flowers	Planting/Weeding	Weekly
Emmaus Park	Garden/Fence Line	Flowers	Planting/Weeding/Maintenance	Weekly
70th Street Park	Heart Shaped Garden	Flowers	Planting/Weeding	Weekly
80th Street DPW/Well	Gardens/Tree Pits	Flowers/Trees/Bushes	Planting/Weeding/Maintenance	Weekly
79th to 80th Bay Section	Raised Gardens/Bench area	Flowers	Planting/Weeding/Maintenance	Weekly
93rd Street -Corner Pleasure	Garden	Flowers	Planting/Weeding/Maintenance	Weekly
94th Street TI Park	Sign Area Garden	Flowers	Planting/Weeding	Weekly
	Restroom Garden	Flowers/Trees/Bushes	Planting/Weeding	Weekly
	Parking Lot		Cleaning	As needed



# Stormwater Management

## STREET SWEEPER

- Miles of Roads Cleaned to date – 1287
- Cubic Yards Disposed of – 415



## Storm Drain Labeling



# Shore Protection Personnel

- Richard Rutledge, Assistant Supervisor Public Works
- Joseph Dougherty, Heavy Equipment Operator
- Frederick Pane, Truck Driver Heavy
- Thomas Kalanta, Laborer

# Shore Protection

- Maintenance of all Sea Isle Beaches
- Maintenance of Beach Access Paths
- Disposal of all trash receptacles both trash and recycling citywide
- Storm and other incident clean up
- Dune fencing and signs





# Shore Protection Beach Access 2008

During 2008 beach accesses were at the following locations:

## Mr. Boardwalks

59<sup>th</sup> Street  
61<sup>st</sup> Street  
64<sup>th</sup> Street  
67<sup>th</sup> Street  
68<sup>th</sup> Street  
69<sup>th</sup> Street  
71<sup>st</sup> Street  
72<sup>nd</sup> Street  
73<sup>rd</sup> Street  
74<sup>th</sup> Street  
77<sup>th</sup> Street  
79<sup>th</sup> Street  
91<sup>st</sup> Street  
80<sup>th</sup> Street  
82<sup>nd</sup> Street  
85<sup>th</sup> Street  
88<sup>th</sup> Street

## Mobi-Mats

37<sup>th</sup> Street  
38<sup>th</sup> Street  
40<sup>th</sup> Street for restroom access  
JFK Blvd. – North  
JFK Blvd. – South  
58<sup>th</sup> Street  
65<sup>th</sup> Street  
66<sup>th</sup> Street  
89<sup>th</sup> Street

# Shore Protection – Proposed Beach Access Plan for 2009

- For the summer of 2009 the same will be implement with the additions of the following locations, which will go to bid in the spring for Mobi-Mats due to the positive feed back from residents on that product.
- 36<sup>th</sup> Street
- 60<sup>th</sup> Street
- 62<sup>nd</sup> Street
- 63<sup>rd</sup> Street
- 76<sup>th</sup> Street
- 78<sup>th</sup> Street
- 81<sup>st</sup> Street
- 84<sup>th</sup> Street
- 86<sup>th</sup> Street
- 87<sup>th</sup> Street
- 89<sup>th</sup> Street
- 90<sup>th</sup> Street
- 91<sup>st</sup> Street
- 94<sup>th</sup> Street



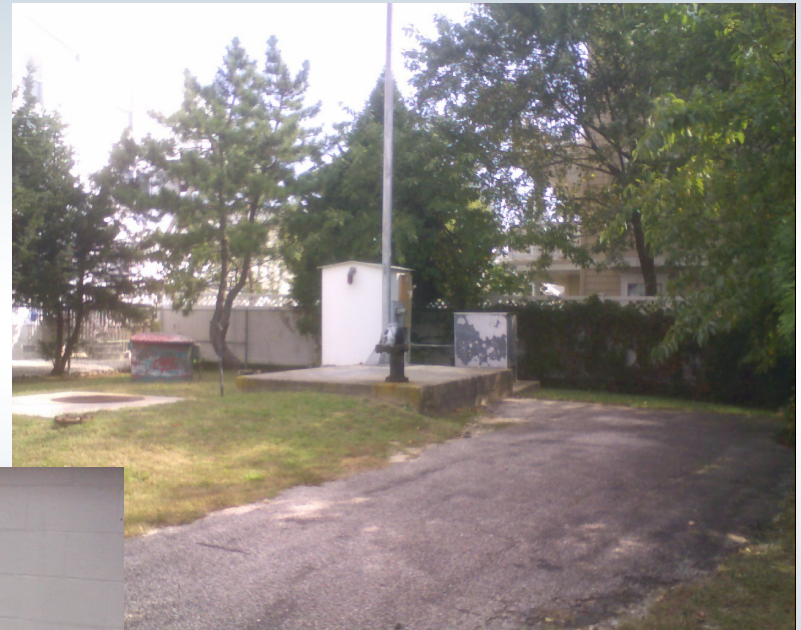
# Mobi-Mat



# Water and Sewer Personnel

- Andre Cipaldo, Supervisor Water Treatment Plant Operator
- Paul LaRosa, Supervisor Sewer, Supervisor Water
- Michael Rutledge, Assistant Supervisor Water Meter Repairer
- Robert Gansert, Assistant Supervisor Public Works
- Jeffery Jones, Assistant Supervisor Sewer/Water
- Donald Teefy, Heavy Equipment Operator
- Michael Welding, Sr. Sewer Repairer, Sr. Water Repairer
- Joseph Giordano, Sanitation Drive, Public works Trainee
- Christopher Boyer, Laborer
- Justin Shencker, Laborer

# Water and Sewer Facilities





# Water and Sewer Facilities



# Meters and Meter Replacement

- Meters are the cash registry for the Utility
- Meter Pit Repairs
- Water Audits

## CASE STUDY

Badger®  
ORION®

## Radio Frequency System



*Badger Meter's ORION Radio Frequency System*

## Badger ORION Boosts Accountability, Speeds Read Time for Sea Isle City, New Jersey

*By: Kevin Orfield*

Printed on the water tower in Sea Isle City, New Jersey, are the words, "Smile! You're in Sea Isle City." Indeed, during the summer months you're likely to see many residents of the coastal beach town smiling. A large number of them are on vacation, as most of the housing in Sea Isle City is vacation rentals or second homes. The city is only a few streets wide by three miles long, because it's located on Ludlam Island. Everything is within walking distance of the natural beauty of the scenic beaches.

Public works employees have been smiling ever since the city decided to upgrade to a Badger Meter automatic meter reading (AMR) system. "We have an older water system and a lot of upgrades were needed, including the metering system," explains John Manganaro, Public Works Director. "It had never been upgraded to any kind of automated reading and everything was installed in meter pits."

# Distribution and Collection System



- Main Replacement
- Cleaning
- Flushing of Hydrants
- Service Line Replacement
- Manhole Repair
- I & I





# Water Treatment Plants and Pump Stations



- Replaced Chlorination Systems
- Installed SCADA (Supervisor Control and Data Acquisition) system
- Constructed new WTP on at 55<sup>th</sup> Street
- Allocation Permit under renewal process

# Fleet Maintenance Personnel

- Lee Nugent, Supervising Mechanic
- Brain Vandever, Public Works Trainee



# FLEET MANAGEMENT

- Average age of vehicles in the Public Works Fleet is 11 years old

## Solid Waste:

### Highlights

G1	1991 Ford	17 years old
G2	1991 Ford	17 years old
G3	1995 Ford	13 years old
G4	2006 Peterbuilt	2 years old
G5	1995 Ford	13 years old
G7	1989 Ford	19 years old
G8	1989 Ford	19 years old
G9	2001 Peterbuilt	7 years old
G10	2004 Peterbuilt	4 years old
G11	2006 Peterbuilt	2 years old



# FLEET MANAGEMENT

- Maintenance Vehicles-highlights

- 1991 Ford 450 Bucket Truck                      17 years old
- 1987 Chevy P-30 Step Van                      21 years old
- 1999 Ford E150 Van                      9 years old

# FLEET MAINTENANCE

- Water and Sewer-highlights

- Jet/Vac Truck-Peterbuilt

new



- 2006 Dodge Durango
  - 1991 Ford Dump Truck
  - 2005 Chevy K1500
  - 1997 Ford F250 Pick up Truck

2 yrs old

17 yrs old

3 yrs old

11 yrs old

# FLEET MAINTENANCE

- Shore Protection-highlights
  - 2006 Volvo Loader 2 yrs old
  - 2002 Beach Tech 6 yrs old
  - 2008 Broyhill Load & Pack new



# PROJECTS

Sea Isle City Department of Public Works

# Projects-Buildings & Grounds

- 85<sup>th</sup> Street Bathrooms-Handicapped Access
- Concert Area decking and ramps
- Beach steps on 42<sup>nd</sup>, 43<sup>rd</sup>, 44<sup>th</sup>, 49<sup>th</sup> & 51<sup>st</sup> Streets
- Refinish of Downtown Street Lamp poles
- 59<sup>th</sup> Street Pier decking
- 29<sup>th</sup> Street ramp to beach
- 40<sup>th</sup> Street Offices
- Re-do all city signs, food court etc.



# Projects-Solid Waste

- Dumpster Inventory and repairs
- Depot renovated to make more user friendly
- Cameras for trash trucks



# Projects-Road Repair

- Road Resurfacing-In House
- Road Reconstruction-Engineer Project
- Street end barricades



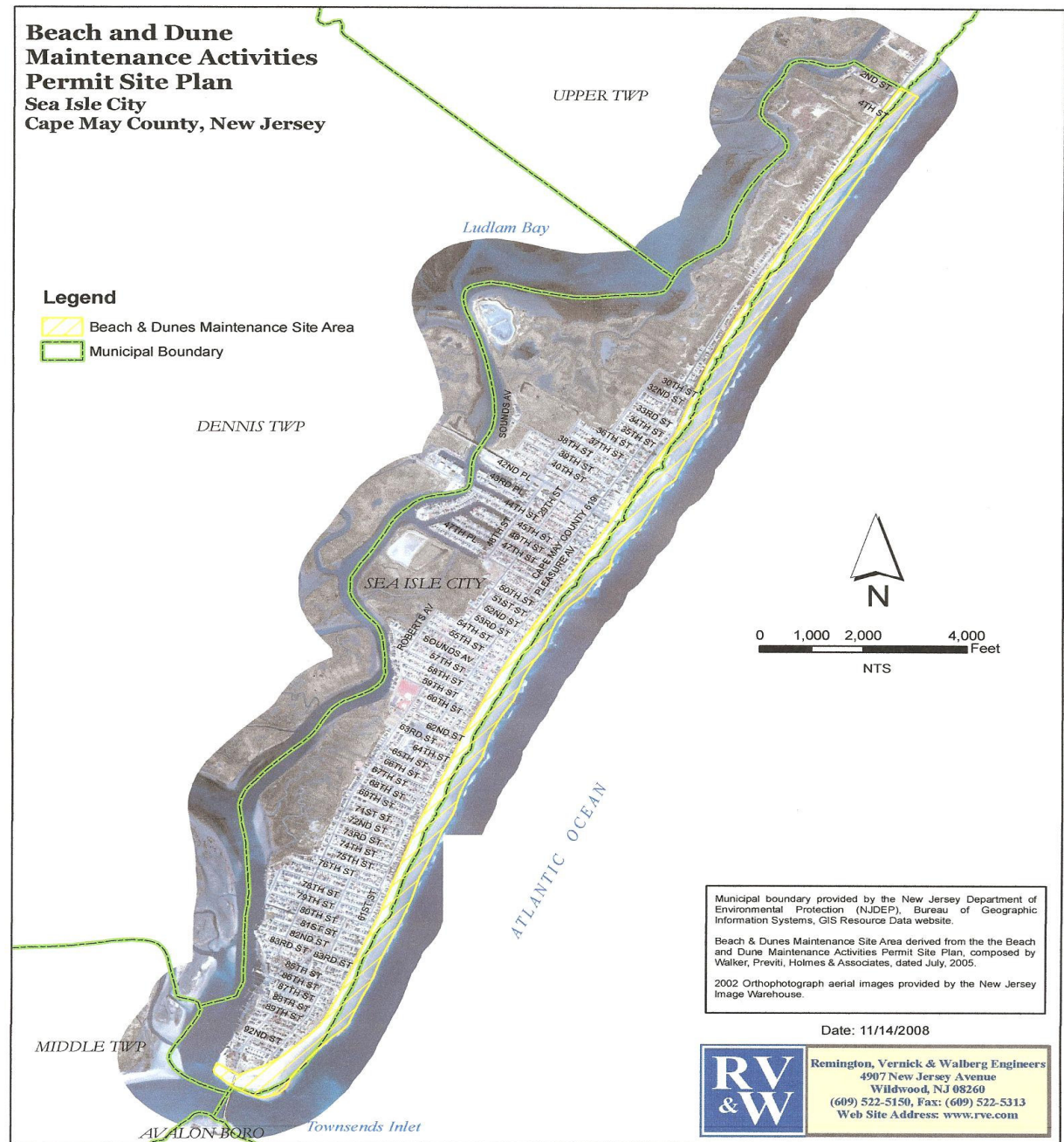


# Projects-Shore Protection

- Coastal Activities Permit
  - Beach
  - Promenade
    - Railings
    - Resurfacing
  - Retaining wall upgrades
- Addition beach fencing and signs-entire island



- Shore Protection Coastal Permit



# Projects-Fleet

- Management Plan
- Safety Training
- Conduit piping for gas leak detection
- Upgrade all truck and tractor decals for identification
- Auction decaying vehicles in storage





# Projects-Water & Sewer

- Water Allocation permit
- 80<sup>th</sup> Street Water Tank Repairs and Repainting
- Sounds Avenue-replace water services
- 67<sup>th</sup> Street-water main replacement services and repaving



# Projects-Water & Sewer

- 40<sup>th</sup> Street Improvements
- Fluoridation
- 50<sup>th</sup> Street Well
- Detention Tanks 55<sup>th</sup> Street Well
- Landscaping
- GIS
  - Mapping
  - Location of infrastructure not currently mapped
  - Tie in existing databases



# Projects-Water & Sewer I & I

## Inflow and Infiltration: Gallons Metered vs. Gallons Pumped Report: Loss Report

80% Entering Collection System	Metered Wastewater 69th Street MS (MG)	Water Delivered from SIC WTP (MG)	Est. Gallons Entering Collection System from use (MG) B X 80% = C (C)	Est. Gallons Entering Collection System from extraneous flow (MG) A - C = D (D)	Cost to SIC for Treatment of Extraneous flow D x F = E (E)	Cost per 1000 gallons G/(A x 1000) = F (F)
2004	412	315.7	252.56	159.44	\$ 943,884.80	\$5.92
2005	402	309.7	247.76	154.24	\$ 970,169.60	\$6.29
2006	402	268	214.4	187.6	\$ 1,210,020.00	\$6.45
2007	395	264.29	211.43	183.34	\$ 1,182,543.00	\$6.45
					\$ 4,306,617.40	
100 % Entering Collection System	Metered Wastewater 69th Street MS (MG)	Water Delivered from SIC WTP (MG)	Est. Gallons Entering Collection System from use (MG) B X 100% = C (C)	Est. Gallons Entering Collection System from extraneous flow (MG) A - C = D (D)	Cost to SIC for Treatment of Extraneous flow D x F = E (E)	Cost per 1000 gallons G/(A x 1000) = F (F)
2004	412	315.7	315.7	96.3	\$ 570,096.00	\$5.92
2005	402	309.7	309.7	92.3	\$ 580,567.00	\$6.29
2006	402	268	268	134	\$ 864,300.00	\$6.45
2007	395	264.29	264.29	130.482	\$ 871,619.76	\$6.68
					\$ 2,886,582.76	



# Projects-Other Involvement

- Beach to Bay Improvements
- Marina Complex
- JFK elevation : Bridge to Landis Avenue
- New Life Guard Headquarters



# Projects-Other Involvement

- Beach replenishment



## In conclusion

- The Department of Public Works is made up of many different departments that work together to assure that City services are supplied in an efficient and cost effective fashion.

SERVICE – SAFETY – ENVIRONMENT

THE END

