

CITY OF LINDEN MUNICIPAL STORMWATER MANAGEMENT PLAN

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APPENDIX A

Sub-list 5 of New Jersey's Proposed 2004 Integrated List of Waterbodies dated June 22, 2004

APPENDIX B

City of Linden Vacant Land List

Introduction

This Municipal Stormwater Management Plan (MSWMP) documents the strategy for the City of Linden (“the City”) to address stormwater-related impacts. The creation of this plan is required by N.J.A.C.7:14A-25 Municipal Stormwater Regulations. This plan contains all of the required elements described in N.J.A.C. 7:8 Stormwater Management Rules. The plan addresses groundwater recharge, stormwater quantity, and stormwater quality impacts by incorporating stormwater design and performance standards for new major development, defined as projects that disturb one or more acre of land. These standards are intended to minimize the adverse impact of stormwater runoff on water quality and water quantity and the loss of groundwater recharge that provides baseflow in receiving water bodies. The plan describes long-term operation and maintenance measures for existing and future stormwater facilities.

A “build-out” analysis has not been included in this plan, since there is a combined total of less than one square mile of vacant or agricultural lands within the City. The plan also addresses the review and update of existing ordinances, the City Master Plan, and other planning documents to allow for project designs that include low impact development techniques. The final component of this plan is a mitigation strategy for when a variance or exemption of the design and performance standards is sought. As part of the mitigation section of the stormwater plan, specific stormwater management measures are identified to lessen the impact of existing development.

Goals

The goals of this MSWMP are to:

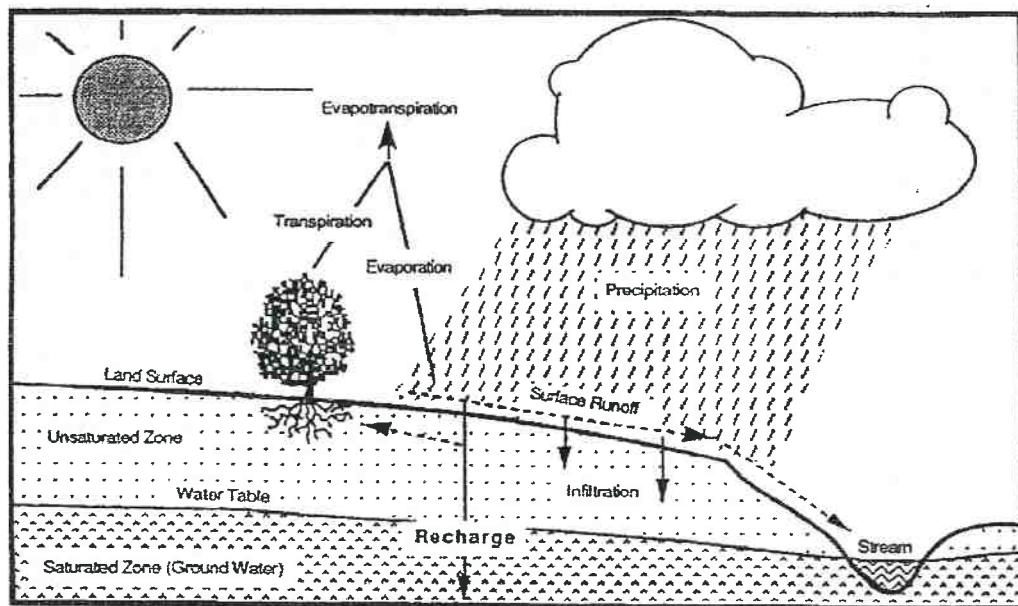
- reduce flood damage, including damage to life and property;
- minimize, to the extent practical, any increase in stormwater runoff from any new development;
- reduce soil erosion from any development or construction project;
- assure the adequacy of existing and proposed culverts and bridges, and other in-stream structures;
- maintain groundwater recharge;
- prevent, to the greatest extent feasible, an increase in non-point pollution;
- maintain the integrity of stream channels for their biological functions, as well as for drainage;
- minimize pollutants in stormwater runoff from new and existing development to restore, enhance, and maintain the chemical, physical, and biological integrity of the waters of the state, to protect public health, to safeguard fish and aquatic life and scenic and ecological values, and to enhance the domestic, municipal, recreational, industrial, and other uses of water; and
- protect public safety through the proper design and operation of stormwater basins.

To achieve these goals, this plan outlines specific stormwater design and performance standards for new development. Additionally, the plan proposes stormwater management controls to address impacts from existing development. Preventative and corrective maintenance strategies are included in the plan to ensure long-term effectiveness of stormwater management facilities. The plan also outlines safety standards for stormwater infrastructure to be implemented to protect public safety.

Stormwater Discussion

Land development can dramatically alter the hydrologic cycle (See Figure C-1) of a site and, ultimately, an entire watershed. Prior to development, native vegetation can either directly intercept precipitation or draw that portion that has infiltrated into the ground and return it to the atmosphere through evapotranspiration. Development can remove this beneficial vegetation and replace it with lawn or impervious cover, reducing the site's evapotranspiration and infiltration rates. Clearing and grading a site can remove depressions that store rainfall. Construction activities may also compact the soil and diminish its infiltration ability, resulting increased volumes and rates of stormwater runoff from the site. Impervious areas that are connected to each other through gutters, channels, and storm sewers can transport runoff more quickly than natural areas. This shortening of the transport or travel time quickens the rainfall-runoff response of the drainage area, causing flow in down-stream waterways to peak faster and higher than natural conditions. These increases can create new and aggravate existing downstream flooding and erosion problems and increase the quantity of sediment in the channel. Filtration of runoff and removal of pollutants by surface and channel vegetation is eliminated by storm sewers that discharge runoff directly into a stream. Increases in impervious area can also decrease opportunities for infiltration which, in turn, reduces stream base flow and groundwater recharge. Reduced base flows and increased peak flows produce greater fluctuations between normal and storm flow rates, which can increase channel erosion. Reduced base flows can also negatively impact the hydrology of adjacent wetlands and the health of biological communities that depend on base flows. Finally, erosion and sedimentation can destroy habitat from which some species cannot adapt.

Figure C-1: Groundwater Recharge in the Hydrologic Cycle



Source: New Jersey Geological Survey Report GSR-32.

In addition to increases in runoff peaks, volumes, and loss of groundwater recharge, land development often results in the accumulation of pollutants on the land surface that runoff can mobilize and transport to streams. New impervious surfaces and cleared areas created by development can accumulate a variety of pollutants from the atmosphere, fertilizers, animal wastes, and leakage and wear from vehicles. Pollutants can include metals, suspended solids, hydrocarbons, pathogens, and nutrients.

In addition to increased pollutant loading, land development can adversely affect water quality and stream biota in more subtle ways. For example, stormwater falling on impervious surfaces or stored in detention or retention basins can become heated and raise the temperature of the downstream waterway, adversely affecting cold water fish species such as trout. Development can remove trees along stream banks that normally provide shading, stabilization, and leaf litter that falls into streams and becomes food for the aquatic community.

Background

Linden is an established suburban community and encompasses 11.4 square miles in southeastern Union County, New Jersey. The two largest land use categories are industrial (30%) and residential (24%). Since most of the City has been developed, the overall development pattern is not likely to change significantly. The population of the City decreased from 37,836 in 1980, to 36,701 in 1990, then increased to 39,394 in 2000. Figure C-2 illustrates the waterways in the City. Figure C-3 depicts the City boundary on the USGS quadrangle maps.

The New Jersey Department of Environmental Protection (NJDEP) has established an Ambient Biomonitoring Network (AMNET) to document the health of the state's waterways. There are over 800 AMNET sites throughout the state of New Jersey. These sites are sampled for benthic macroinvertebrates by NJDEP on a five-year cycle. Streams are classified as non-impaired, moderately impaired, or severely impaired based on the AMNET data. The data is used to generate a New Jersey Impairment Score (NJSIS), which is based on a number of biometrics related to benthic macroinvertebrate community dynamics. The Arthur Kill and its tidal tributaries, including Morses Creek, Piles Creek, the Rahway River, Marshes Creek and Kings Creek are all highly impaired because of total coliform, dioxin, PCB's and toxic discharge. Because of this, the NJDEP is required to develop a Total Maximum Daily Load (TMDL) for these pollutants for each waterway.

A TMDL is the amount of a pollutant that can be accepted by a waterbody without causing an exceedance of water quality standards or interfering with the ability to use a waterbody for one or more of its designated uses. The allowable load is allocated to the various sources of the pollutant, such as stormwater and wastewater discharges, which require an NJPDES permit to discharge, and non-point source, which includes stormwater runoff from agricultural areas and residential areas, along with a margin of safety. Provisions may also be made for future sources in the form of reserve capacity. An implementation plan is developed to identify how the various sources will be reduced to the designated allocations. Implementation strategies may include improved stormwater treatment plants, adoption of ordinances, reforestation of stream corridors, retrofitting stormwater systems, and other BMPs.

The New Jersey Integrated Water Quality Monitoring and Assessment Report (305(b) and 303(d)) (Integrated List) is required by the federal Clean Water Act to be prepared biennially and is a valuable source of water quality information. This combined report presents the extent to which New Jersey waters are attaining water quality standards, and identifies waters that are impaired. Sub-list 5 of the Integrated List constitutes the list of waters impaired or threatened by pollutants, for which one or more TMDLs are needed. This is attached as Appendix A and will be updated periodically.

Semi-annual inspections of West Brook and Peach Orchard Brook reveal no health concerns at this time.

In addition to water quality problems, the City has exhibited severe flooding problems in 1971, 1973, and 1999 in the West Brook, Peach Orchard Brook and West Elizabeth Avenue areas. Flood control projects in the 1980's eliminated most of the flooding problems along West Brook. A current drainage improvement project should eliminate flooding in the West Elizabeth Avenue area. The Peach Orchard Brook area suffers from undersized culverts under Route 1 & 9 and the Amtrak railroad. A detention basin constructed upstream in Roselle has reduced some, but not all, flooding. During severe storm events, these undersized culverts do not have adequate capacity, thereby causing a backwater effect and flooding upstream.

These culverts were designed for much different hydrologic conditions (i.e., less impervious area) than presently exist in the City and areas upstream. As the imperviousness increased in the City and areas upstream, the peak and volumes of stream flows also increased. The increased amount of water resulted in streams overtopping their banks. The high imperviousness of the City has significantly decreased groundwater recharge. The groundwater recharge requirement, according to NJAC 7:8-5.4(a)2ii, does not apply to projects within the "Urban Redevelopment Area." Urban Redevelopment Area is defined by NJAC 7:8-1-2 as previously developed portions of areas delineated on the State Plan Policy Map (SPPM) as the Metropolitan Planning Area (PA1). Since Linden is located within PA1, the groundwater recharge requirement is only applicable to projects located on vacant land or on the undeveloped portions of previously developed sites. Previously developed portions are exempt.

Wellhead protection areas, also required as part of the MSWMP, are shown in Figure C-4. This is the area starting at Richford Terrace and Ingalls Avenue, then proceeding southwesterly along Ingalls Avenue through to Union Street, then approximately to Henry Street, Wood Avenue, Gibbons Street, Stiles Street, Forest Drive, and the boundaries with the City of Rahway, Townships of Clark, Winfield and Cranford and the Borough of Roselle.

Figure C-2: City of Linden and Its Waterways

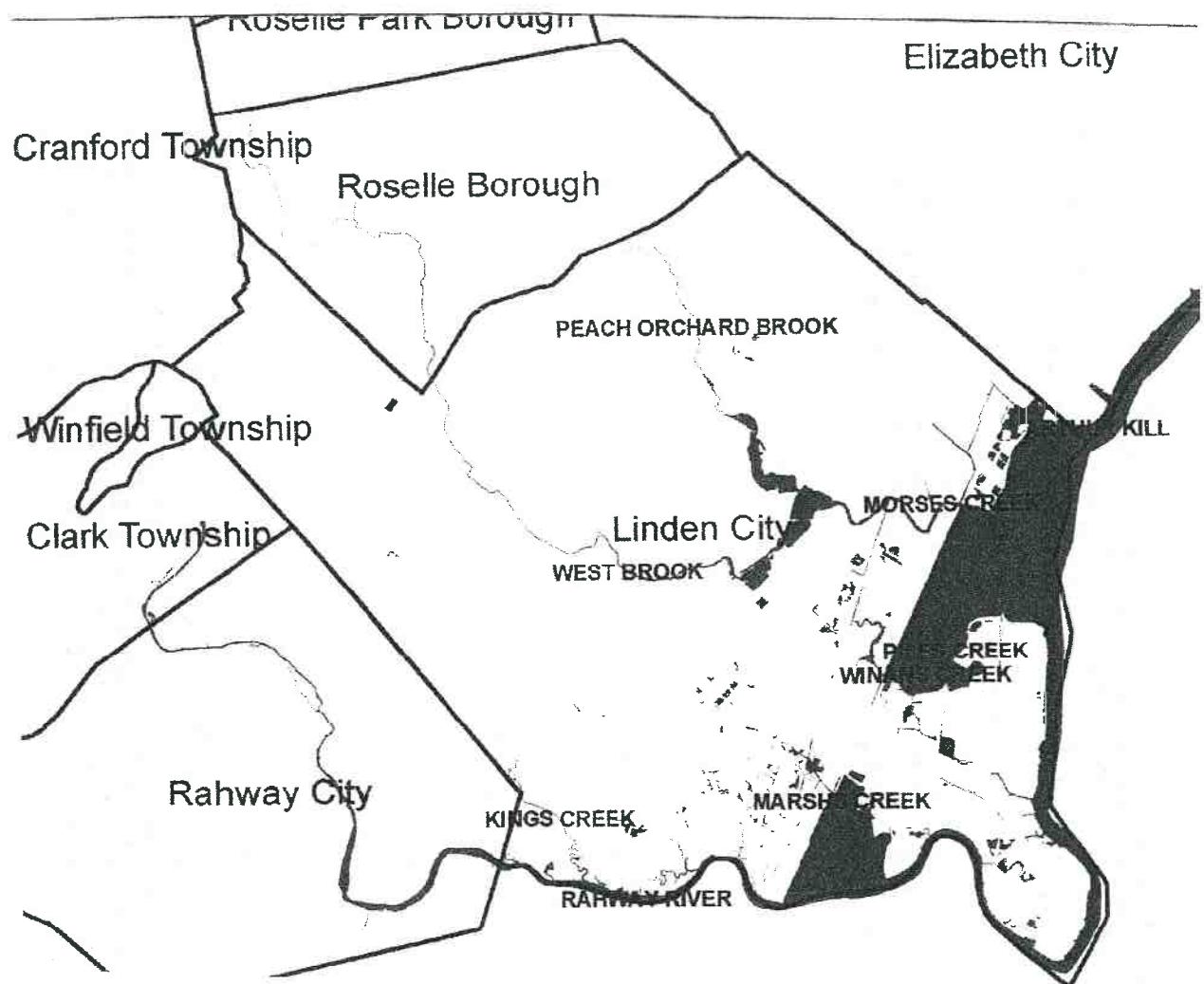


Figure C-3: City of Linden Boundary on USGS Quadrangles

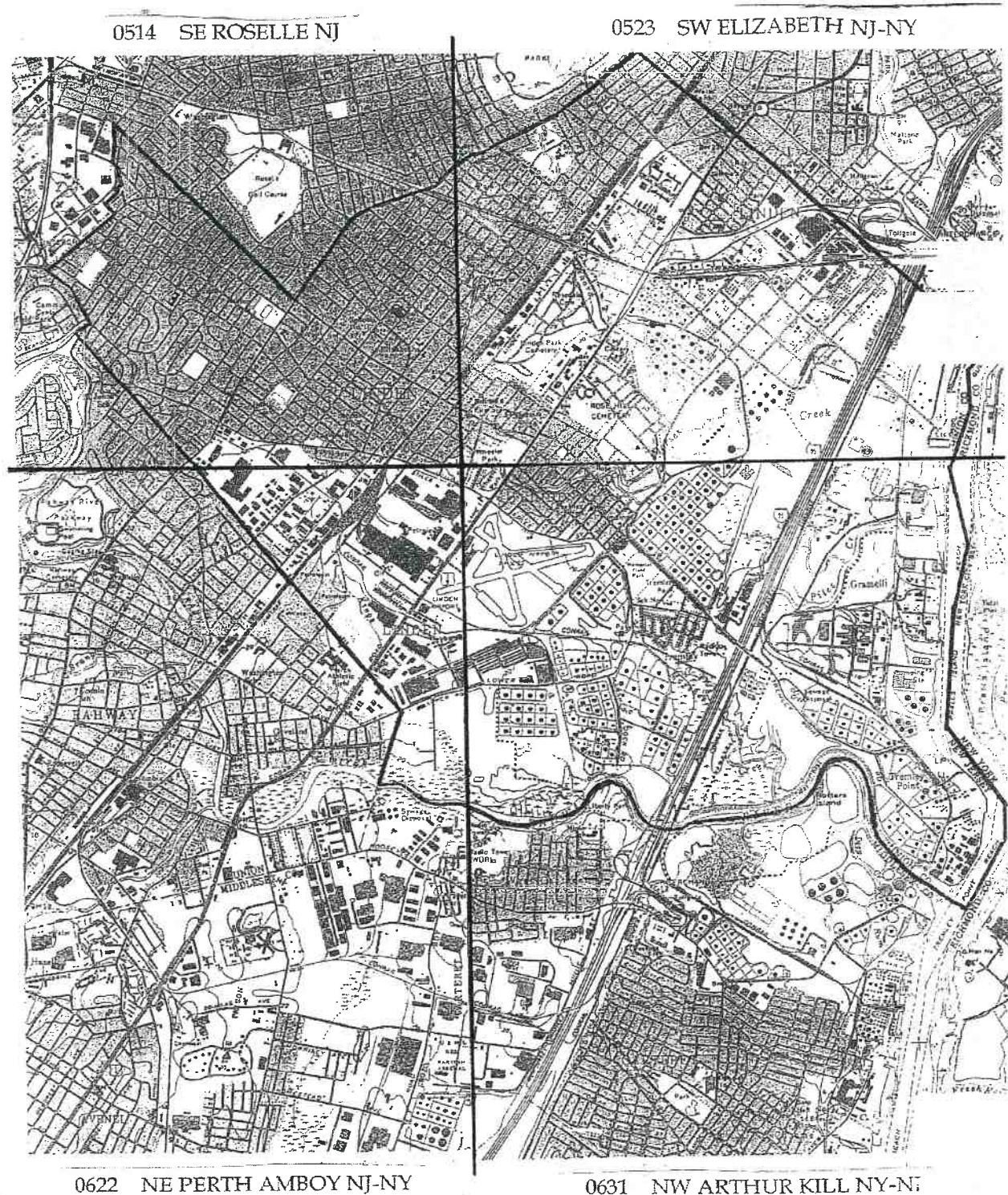
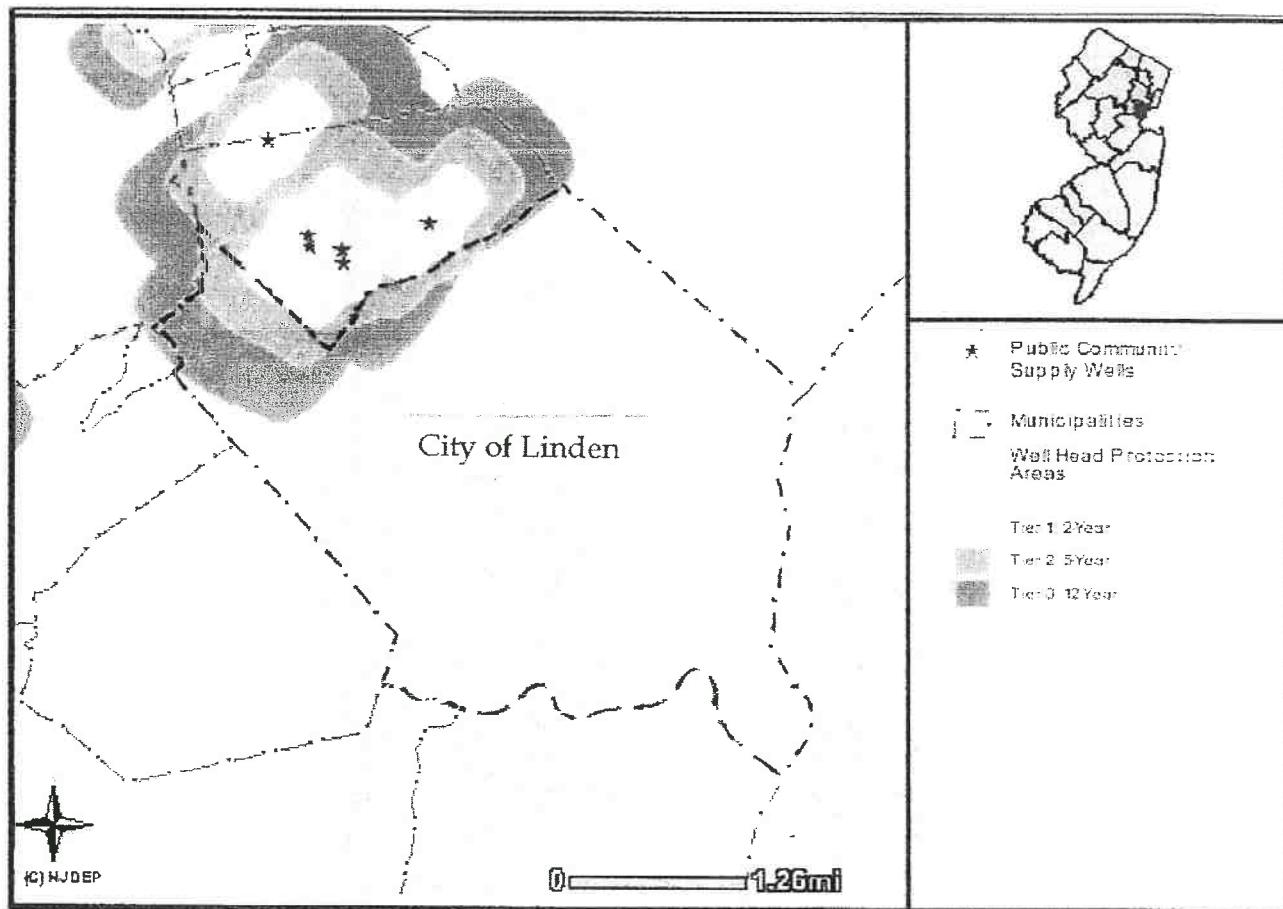


Figure C-4: Wellhead Protection Areas in the City of Linden



Design and Performance Standards

Linden will adopt the design and performance standards for stormwater management measures as presented in N.J.A.C. 7:8-5 to minimize the adverse impact of stormwater runoff on water quality and water quantity and loss of groundwater recharge in receiving water bodies. The design and performance standards include the language for maintenance of stormwater management measures consistent with the stormwater management rules at N.J.A.C. 7:8-5.8 Maintenance Requirements, and language for safety standards consistent with N.J.A.C. 7:8-6 Safety Standards for Stormwater Management Basins. The ordinances will be submitted to the county for review and approval within 24 months of the effective date of the Stormwater Management Rules.

During construction, City inspectors will observe the construction of the project to ensure that the stormwater management measures are constructed and function as designed. An as-built plan and certification from the design engineer that the construction meets all Stormwater Regulations will be required at the conclusion of the project.

Plan Consistency

Linden is not within a Regional Stormwater Management Planning Area and no TMDLs have been developed for waters within the City; therefore this plan does not need to be consistent with any regional stormwater management plans (RSWMPs) nor any TMDLs. If any RSWMPs or TMDLs are developed in the future, this Municipal Stormwater Management Plan will be updated to be consistent.

The Municipal Stormwater Management Plan is consistent with the Residential Site Improvement Standards (RSIS) at N.J.A.C. 5:21. The City will utilize the most current update of the RSIS in the stormwater management review of residential areas. This Municipal Stormwater Management Plan will be updated to be consistent with any future updates to the RSIS.

The City's Stormwater Management Ordinance requires all new development and redevelopment plans to comply with New Jersey's Soil Erosion and Sediment Control Standards. During construction, City inspectors will observe on-site soil erosion and sediment control measures and report any inconsistencies to the local Soil Conservation District.

Nonstructural Stormwater Management Strategies

Linden has reviewed the master plan and ordinances, most especially Chapter 20 (Shade Trees), Chapter 26 (Flood Damage Prevention), Chapter 29 (Land Development), and Chapter 31 (Zoning) and finds that they are consistent with the intent of the Stormwater Regulations. No revisions appear necessary at this time. If it is discovered later that revisions have to be made, they will be submitted to the county review agency for review and approval within 24 months of the effective date of the Stormwater Management Rules. A copy will be sent to the Department of Environmental Protection at the time of submission.

Land Use/Build-Out Analysis

A detailed land use analysis for the City was conducted. Figure C-5 illustrates the existing land use in the City based on 1995/97 GIS information from NJDEP. Figure C-6 illustrates the four (4) HUC14 areas within the City. The City zoning map is shown in Figure C-7.

If a municipality can document that it has a combined total of less than one square mile of vacant or agricultural lands, the municipality is not required to complete a build-out analysis.

The Linden Tax Assessor supplied a list of vacant land throughout the City. (See Appendix B for Vacant Land List) The list was compared to the most recent aerial photograph of 2004 and four (4) additional properties were added; block 581, Lots 1 and 2.01 and block 586, lots 8 and 9. These are owned by ISP and DuPont and are the site of a large scale redevelopment plan. These four (4) lots total 241.2 acres while the Tax Assessor's list totals 133.2 acres. Together, the amount of vacant land is 374.4 acres, or 0.6 square miles. Therefore, a build-out analysis and resultant pollutant loads are not required.

Figure C-5: Land Use within the City of Linden

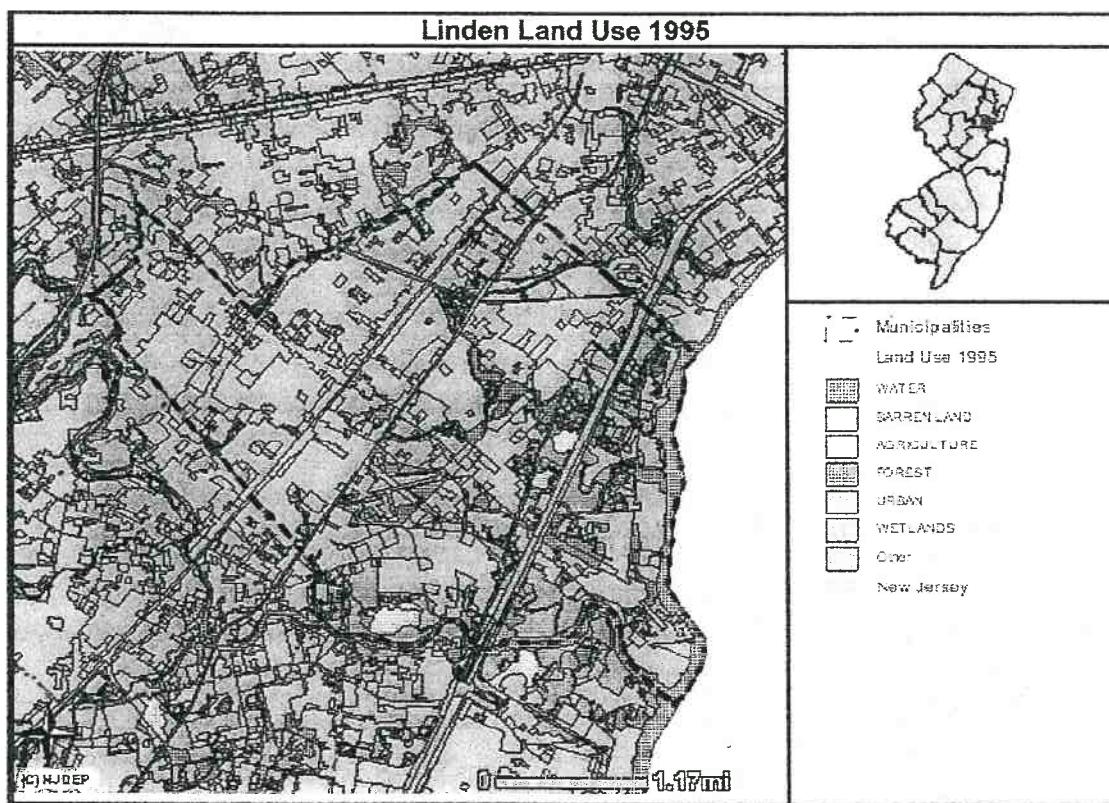


Figure C-6: Hydrologic Units (HUC14s) within the City of Linden

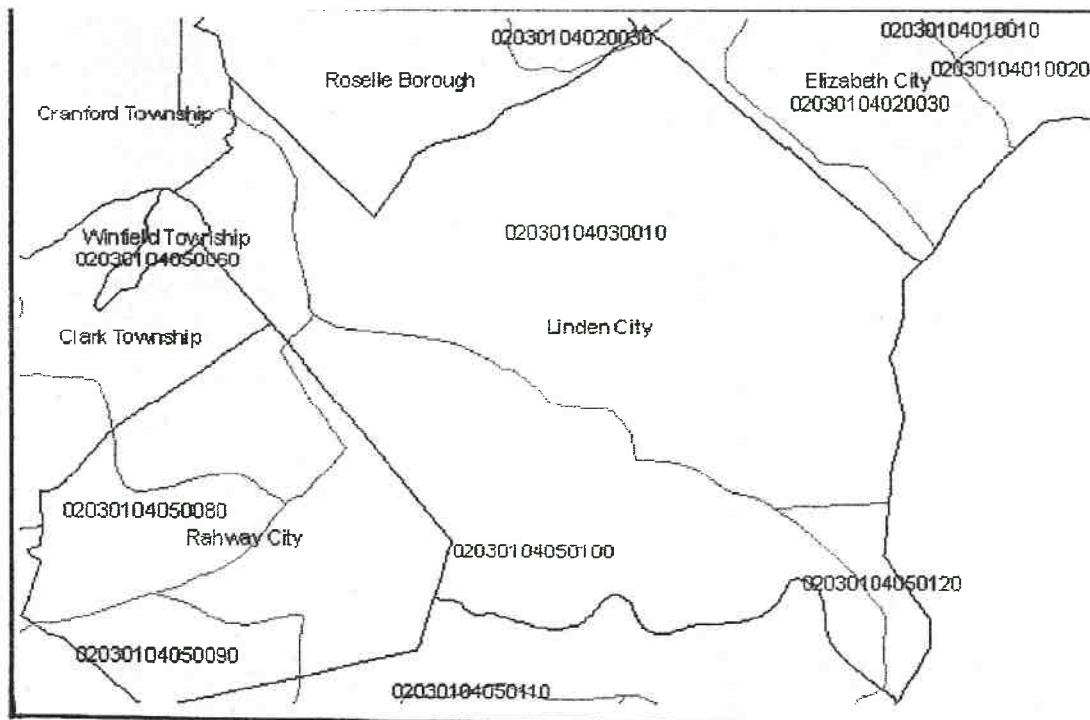
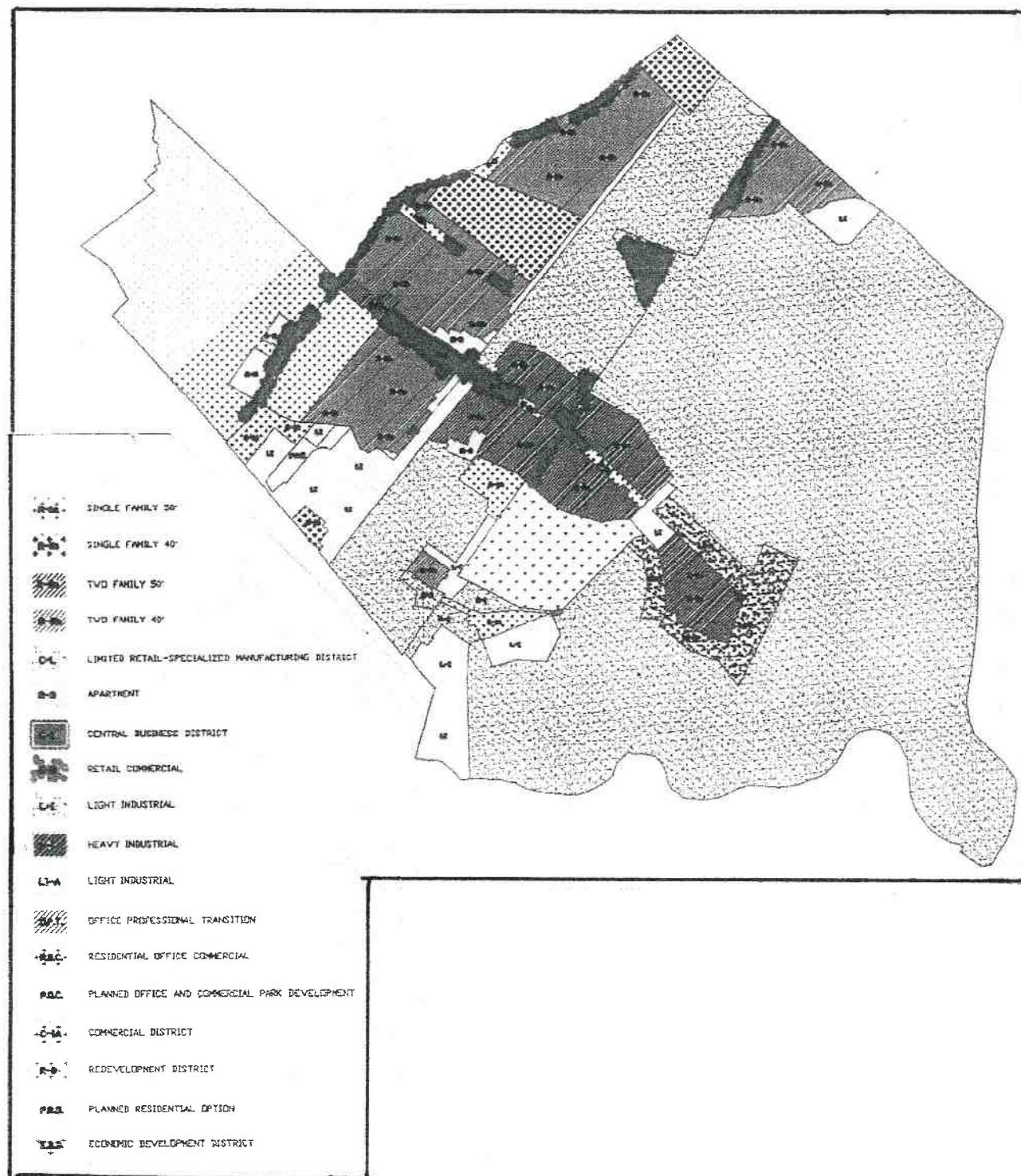


Figure C-7: Zoning Districts within the City of Linden



Mitigation Plans

If the City grants a variance or exemption from the design and performance standards of a municipal stormwater management plan, the developer shall submit a mitigation plan and project. The plan can offset the effect on groundwater recharge, stormwater quantity control, and/or stormwater quality control that was created by granting the variance or exemption.

The mitigation project must be implemented in the same drainage area as the proposed development. The project must provide additional groundwater recharge benefits, or protection from stormwater runoff quality and quantity from previously developed property that does not currently meet the design and performance standards outlined in the Municipal Stormwater Management Plan. The developer must ensure the long-term maintenance of the project, including the maintenance requirements under Chapters 8 and 9 of the NJDEP Stormwater BMP Manual. The developer shall select a project to compensate for the deficit from the performance standards resulting from the proposed project in conjunction with the City Engineer.

Due to the lack of vacant or developable land, it is anticipated that the majority of the mitigation projects proposed will result in retrofitting/rehabilitation of existing stormwater facilities and natural infrastructures. Therefore, the Applicant may select one of the following strategies to be developed into a potential mitigation project. More detailed information may be available from the City's Engineering Department. It is the developer's responsibility to provide a detailed study of any proposed mitigation project, and provide the City Engineer with a proposed mitigation plan for review and approval.

➤ **Groundwater Recharge**

The groundwater recharge requirement, according to NJAC 7:8-5.4(a)2ii, does not apply to projects within the "Urban Redevelopment Area." Urban Redevelopment Area is defined by NJAC 7:8-1-2 as previously developed portions of areas delineated on the State Plan Policy Map (SPPM) as the Metropolitan Planning Area (PA1). Since Linden is located within PA1, the groundwater recharge requirement is only applicable to projects located on vacant land or on the undeveloped portions of previously developed sites. Previously developed portions are exempt.

➤ **Water Quality**

Retrofit drainage systems on existing municipally owned properties to provide water quality in accordance with NJDEP Standards. Due to site constraints, the retrofit BMP within parking lots may be installed underground and cannot reduce the existing number of parking spaces. Parking lots include Knopf Street Lot (14 Knopf St.; 0.28 acres), East Elm Street Lot (28 East Elm St.; 0.42 acres), and Memorial Park Little League Lot (2300 South Wood Ave.; 1.16 acres).

➤ **Water Quantity**

Install stormwater management measures in existing municipally owned properties to reduce the peak flow from the upstream development on the receiving stream.
Storm sewer cleaning.

The City may allow a developer to provide funding or partial funding to the City for an environmental enhancement project that has been identified in a Municipal Stormwater Management Plan, or towards the development of a Regional Stormwater Management Plan. The funding must be equal to or greater than the cost to implement the mitigation

outlined above, including costs associated with purchasing the property or easement for mitigation, and the cost associated with the long-term maintenance requirements of the mitigation measure.

APPENDIX A

2004 Integrated List of Waterbodies

Region	WMA	Station Name/Waterbody	Site ID #	Impairment	Data Source
Lower Delaware	17	4 Seasons Campground Pond-17	Four Seasons	Fecal Coliform	Salem Co HD
Atlantic Coast	15	Absecon Bay	Absecon Bay-1 thru 15	Total Coliform	NJDEP Coastal Monitoring
Atlantic Coast	15	Absecon Creek Estuary	2401	Total Coliform	NJDEP Shellfish Monitoring
Atlantic Coast	15	Absecon Creek-Tidal	R33	Dissolved Oxygen	NJDEP Coastal Monitoring
			Adjacent to Berry's Creek Reach	Cadmium, Mercury, PCB, Chlorinated Benzenes	Remained 303d List, (F.R. V.66, #195, 10/9/01)
Northeast	05	Ackermans Creek	02030103-034-0.11	pH	USGS/Pinelands Data
Atlantic Coast	14	Albertson Branch near Elm	0140940970		
Atlantic Coast	14	Albertson Brook at Old Bridge Crossing in Hammonton	AN0572, NALDEREL	Pine Island Biological Community	NJDEP AMNET, Pinelands
Atlantic Coast	14	Albertson Brook at Wharton Ave in Waterford	AN0571, NALBFLEM	Pine Island Biological Community	NJDEP AMNET, Pinelands
Lower Delaware	18	Alcyon Lake-18	Alcyon Lake	Phosphorus, Fish-Mercury	NJDEP Clean Lakes, NJDEP Fish Tissue Monitoring
Lower Delaware	20	Allentown Lake-20	Allentown Lake	Phosphorus	NJDEP Clean Lakes
Lower Delaware	17	Alloway Creek at Yorktown - Friesburg Rd in Alloway	AN0699	Benthic Macroinvertebrates	NJDEP AMNET
Lower Delaware	17	Alloway Creek Estuary	Alloway Creek Estuary	Total Coliform	NJDEP Shellfish Monitoring
Raritan	09	Ambrose Brook at Raritan Ave in Middlesex	AN0425	Benthic Macroinvertebrates	NJDEP AMNET
Raritan	09	Ambrose Brook at School St. In No. Stelton	AN0425B	Benthic Macroinvertebrates	NJDEP AMNET
Atlantic Coast	14	Anchor Lake One-14	NBLABBOG	Pine Island Biological Community	Pinelands
Lower Delaware	20	Annaricken Brook near Jobstown	01464578	Phosphorus	NJDEP/USGS Data
Northwest	03	Apshawa Brook	PQ15	Temperature	Pequannock River Coalition
* Raritan	07	Arthur Kill	Arthur Kill-4	Total Coliform	NJDEP Shellfish Monitoring
* Raritan	07	Arthur Kill and Tidal Tributaries	Arthur Kill and Tidal Tributaries	Fish-PCB, Fish-Dioxin	NJDEP Fish Tissue Monitoring
				Arsenic, Cadmium, Chromium, Lead, Mercury	
Lower Delaware	20	Assiscunk Creek at Cedar Lane at Springfield	20-AS-1	Mercury	NJDEP Metal Recon
Lower Delaware	20	Assiscunk Creek at Fielding Rd (near Jacksonville) in Mansfield	AN0141	Benthic Macroinvertebrates	NJDEP AMNET
Northwest	11	Assumpink Creek	Assumpink Creek	Fish-Mercury	NJDEP Fish Tissue Monitoring
Northwest	11	Assumpink Creek at Mulberry St in Trenton	AN0116	Benthic Macroinvertebrates	NJDEP AMNET
Northwest	11	Assumpink Creek at Peace Street at Trenton	UT464020, UT464000, DRBCNJ1338, 11-As-3	Phosphorus, Fecal Coliform, Arsenic, Lead	NJDEP/USGS Data, DRBC, Metal Recon
Northwest	11	Assumpink Creek at Route 539 in Upper Freehold	4	Phosphorus	Morris County HD
Northwest	11	Assumpink Creek at Rt 535 in West Windsor	AN0109	Benthic Macroinvertebrates	NJDEP AMNET
Northwest	11	Assumpink Creek at Willow St in Trenton	AN0118	Benthic Macroinvertebrates	NJDEP AMNET
Northwest	11	Assumpink Creek at Windsor Rd in Washington	AN0109A	Benthic Macroinvertebrates	NJDEP AMNET
Northwest	11	Assumpink Creek near Clarksville	01463620, 11-AS-2	Arsenic, Cadmium, Copper, Lead, Mercury	NJDEP/USGS, Metal Recon
Northwest	11	Assumpink Creek near Edinburg office in Millstone	11-AS-4	Arsenic, Cadmium, Copper, Lead, Mercury	NJDEP Metal Recon
Northwest	11	Assumpink Creek trib near Assumpink WMA	AN0109T	Benthic Macroinvertebrates	NJDEP AMNET
Northwest	11	Assumpink Lake-11	Assumpink Lake	Fish-Mercury	NJDEP Clean Lakes, NJDEP Fish Tissue Monitoring
Atlantic Coast	14	Atco Lake-14	MHAATCOL	Pine Island Biological Community	Pinelands
Atlantic Coast	15	Atlantic City Reservoir-15	Atlantic City Reservoir	Fish-Mercury	NJDEP Fish Tissue Monitoring
Atlantic Ocean		Atlantic Ocean	All (Long Branch to Cape May)	Dissolved Oxygen	Bureau of Marine Water Monitoring, USEPA-Region II

* Water Body in Linden

Sublist 5

New Jersey's Proposed

2004 Integrated List of Waterbodies

June 22, 2004

Region	WMA	Station Name/Waterbody	Site ID #	Impairment	Data Source
Raritan	07	Kill Van Kull	UH-11	Mercury, Fish-PCB, Fish-Dioxin	NJDEP/GLEC, NJDEP Fish Tissue Monitoring
Raritan	07	Kings Creek	Kings Creek	Toxic Discharge	NJDEP/GLEC
Northeast	03	Kitchell Lake-03	Kitchell Lake Assoc.	Fecal Coliform	Passaic Co HD
Atlantic Coast	12	L Street Beach (Belmar)	L Street Beach (Belmar)	Fecal Coliform	Cooperative Coastal Monitoring Program
Northwest	01	Lackawanna Lake-01	Lake Lackawanna: Speers Beach	Fecal Coliform	Sussex Co HD
Atlantic Coast	12	Lafetras Brook at Hope Rd in Tinton Falls	32	Phosphorus	Morris County Co HD
Lower Delaware	20	Lanaway Creek at New Egypt - Allentown Rd in Upper Freehold	AN0124, MB-117	Benthic Macroinvertebrates	NJDEP AMNET, Monmouth Co HD
Lower Delaware	20	Lahaway Creek at Rt 537 in Upper Freehold	AN0122	Benthic Macroinvertebrates	NJDEP AMNET
Atlantic Coast	13	Lake Barnegat-13	Lake Barnegat- Middle Beach	Fecal Coliform	Ocean Co HD
Atlantic Coast	13	Lake Carasaljo-13	Lake Carasaljo	Fish-Mercury	NJDEP Fish Tissue Monitoring
Northeast	03	Lake Edenwold-03	Lake Edenwold	Fecal Coliform	Butler HD
			Davis Cove, Beck Lane Prop, Crescent Cove, Dox Incorp, E Shores POA, Elba Pt Homeowners, Homestead Beach, Hopatcong Shores Property, Hopatcong Gardens Comm. Club, Ingram Cove Comm, Jewish Center, Colony Club	Fecal Coliform, Fish Community, Fish-Mercury	Sussex Co HD, NJDEP Clean Lakes, Freshwater Fisheries, NJDEP Fish Tissue Monitoring
Northwest	01	Lake Hopatcong-01	Lake losco	Fecal Coliform	Passaic Co HD
Northeast	03	Lake loscoe-03	Kings Grant	Fecal Coliform	Burlington Co HD
Lower Delaware	19	Lake James-19	Lake Lauren Campground Beach	Fecal Coliform	Cape May Co HD
Atlantic Coast	16	Lake Laurie-16	Lake Lauren: Steeple Lagoon, Alpine Beach, Beach 1, Beach 2, Beach 3, Beach 4, Beach 5, Beach 6, Happy Valley Beach, Maritau Beach, Tamarack Beach	Fecal Coliform	Sparta Twp HD
Northwest	02	Lake Mohawk-02	Camp Haluwasa, NPUHALUW	Pineland Biological Community	Cape May Co HD, Pinelands Southern Region, NJDEP Fish Tissue Monitoring
Atlantic Coast	14	Lake Mo-Li-Th-Ma-14	Lake Nummy, Belieplain SF	Lake Nummy-Center, Left, and Right	
Atlantic Coast	16	Lake Nummy-16	Lake Silvestro	Fish-Mercury	
Lower Delaware	18	Lake Silvestro	Lake Swannanoa Country Club	Fecal Coliform	
Northeast	06	Lake Swannanoa-06	50	Phosphorus, Fecal Coliform	Jefferson Twp HD
Atlantic Coast	12	Lake Takanassee-12	Lake Tappan	Fish-Mercury	Monmouth Co HD
Northwest	05	Lake Tappan-05	Lake Winona Civic Association	Fecal Coliform	NJDEP Fish Tissue Monitoring
Northeast	01	Lake Winona-01	Lakes Bay-1 thru 10 and 12 thru 14	Total Coliform	Jefferson Twp HD
Atlantic Coast	15	Lakes Bay	Beach Thorofare-5	Dissolved Oxygen	NJDEP Coastal Monitoring, Shellfish Monitoring
Atlantic Coast	15	Lakes Bay	01399780	Phosphorus	NJDEP USGS Data
Raritan	08	Lamington River at Burnt Mills	AN0356	Benthic Macroinvertebrates	NJDEP AMNET
Raritan	08	Lamington River at Ironia Rd in Chester	EWQ0358	Phosphorus	EWQ
Raritan	08	Lamington River at Rt 24 in Milltown	EWQ0363	Temperature	EWQ
Raritan	08	Lamington River at Rt 523 in Lamington	01399200	Phosphorus, Dissolved Oxygen	NJDEP USGS Data
Raritan	08	Lamington River near Ironia	01398500	Phosphorus	NJDEP USGS Data

* Water Body in Linden

APPENDIX B

VACANT LAND LIST

BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA	LAND
3	15		409 RICHFORD TERR REAR	25	12	270 SF	350	1	400
6	14		2054 E ST GEORGE AVE	25	100	25X100	350	1	8800
8	17		2043 CAROLINE AVE	35	100	35X100	350	1	21100
19	4		23 N PARK AVE	1766	SF	1766 SF	1		6500
19	9		14 ADAMS ST	10	100	10X100	1		12000
20	7		1841 INGALLS AVE	30	105	33.92X105	400	1	12200
25	14.1		100 GARFIELD ST	42	100	42X100	1		42000
28	24		534 BERNARD AVE	51	49	51.10X49	1000	1	11000
29	16		4124-14 MC KINLEY ST RE/	50	56	52X61	400	1	4400
29	24		315 GARFIELD ST REAR	10	52	52X10	400	1	800
31	11		1735 ESSEX AVE REAR	40	43	35X25	400	1	2700
32	9		1727 E ELIZABETH AVE	40	105	40X105	1200	1	49000
36	11		1623 BERGEN AVE	44	13	680 SF	400	1	3200
39	1		1604 E ELIZABETH AVE	80	100	80X100	1200	1	96000
40	4		1658 E ST GEORGE AVE-RI	30.67	175.15	30.67X175.15	1		0
41	29		1523 BERGEN AVE REAR	50	76	3840 SF	400	1	9000
41	39		412 CRANFORD AVE	40	100	2960 SF	400	1	9500
43	6		119 GRANT ST	45	100	45X100	400	1	30100
45	13		1522 E ST GEORGE AVE	10	115	10X115	350	1	3700
45	21		1433 UNION ST	97	100	9700 SF	1000	1	97000
45	22		1427 UNION ST	40	100	40X100	900	1	36000
50	7.2		2 CRANFORD AVE	122	100	122X100	1		161000
51	3		1212 E ST GEORGE AVE	40	100	40X100	1000	1	40000
51	4		1214 E ST GEORGE AVE	40	100	40X100	1000	1	40000
51	13		1320 E ST GEORGE AVE	40	100	40X100	1000	1	40000
51	14		1324 E ST GEORGE AVE	40	100	40X100	1000	1	40000
51	15		1328 E ST GEORGE AVE	40	100	40X100	1000	1	40000
51	18		1327 UNION ST	20	100	20X100	800	1	16000
51	19		1325 UNION ST	20	100	20X100	800	1	16000
51	20		1321 UNION ST	40	100	40X100	800	1	32000
51	27		1235 UNION ST	40	100	40X100	800	1	32000
51	32		1213 UNION ST	40	100	40X100	800	1	32000
51	34		1201 UNION ST	100	111	11070 SF	800	1	83200
53	5		1316 E HENRY ST	35	100	35X100	450	1	15800

Total 3,0 A.C.

12/20/04

BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA	LAND
58	18		216 CHANDLER AVE	40	105	40X105	400	1	46300 46300
59	12		1318 ESSEX AVE	40	105	40X105	400	1	28900 28900
60	1		17 CRANFORD AVE	80	80	80X80	1200	1	79500 79500
61	5		1230 UNION ST	40	72	46X72	350	1	21100 21100
66	9		1217 E BLANCKE ST	20	100	20X100	400	1	8000 8000
67	9		1219 HUSSA ST	40	100	40X100	400	1	16000 16000
68	2		113 ST MARKS ST	20	100	20X100	400	1	8000 8000
69	11		8 E BALTIMORE AVE	60	159	62X159	1200	1	87800 85000
69	12		14 E BALTIMORE AVE	40	95	40X95	1200	1	47000 47000
69	14		1112 E ELIZABETH AVE	20	120	20X120	1200	1	25900 25900
69	15		1114 E ELIZABETH AVE	40	120	40X120	1200	1	51800 51800
73	15		1149 E HENRY ST	20	100	20X100	350	1	7000 7000
78	10		401 CHANDLER AVE	100	100	100X100	400	1	70000 70000
81	3.1		107 CHANDLER AVE	60	95	60X95	400	1	53100 48500
81	5.1		112 E BALTIMORE AVE			5782 SF	400	1	12600 53500
81	6		116 E BALTIMORE AVE	46	90	46X89	400	1	17700 17700
83	4		1015 BISHOP EVANS WAY	40	100	40X100	350	1	14000 14000
84	3		1137 UNION ST	40	100	40X100	900	1	25200 25200
85	13		1022 JOHN ST	20	100	20X100	350	1	7000 7000
86	11		1121 E HENRY ST	40	100	40X100	350	1	14000 14000
91	5		1100 E BALTIMORE AVE	91	120	12080 SF	900	1	87600 87600
91	6		1114 E BALTIMORE AVE	60	107	6760 SF	900	1	55100 55100
92	7		1016 E BALTIMORE AVE	60	70	60X70	350	1	18300 18300
95	1		1010 PASSAIC AVE	34	99	4050 SF	350	1	5800 5800
95	2		1011 DILL AVE	79	99	7180 SF	350	1	27100 27100
96	3		1017 MONMOUTH AVE	40	100	40X100	350	1	14000 44000
96	4		1013 MONMOUTH AVE	40	100	40X100	350	1	14000 44000
97	1		1022 MONMOUTH AVE	70	100	61X104.76	350	1	24500 24500
97	12		1010 MONMOUTH AVE	60	100	60X100	350	1	21000 21000
97	13		1016 MONMOUTH AVE	60	100	60X100	350	1	21000 21000
99	16.02		1018 HUSSA ST	17.5	100	17.5X100	350	1	6100 6100
102	1		1066 E ELIZABETH AVE	120	100	12880 SF	1200	1	144000 144000
102	9		2 CARNEGIE/1001 PENNSY	100	102	102X100	1200	1	120000 120000
102	23		1056 E ELIZABETH AVE	40	120	40X120	1200	1	51800 51800
103	8		1215 W BALTIMORE AVE	20	132	20.95X132	350	1	3900 3900

47 A

T & L

BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA	LAND
103	9		1213 W BALTIMORE AVE	20	138	20.95X138	350	1	4000 4000
103	10		1211 W BALTIMORE AVE	20	144	20.95X145	350	1	8100 8100
106	7		925 E HENRY ST	20	100	20X100	350	1	7000 7000
112	2		311 CARNEGIE ST	20	100	20X100	350	1	7000 7000
112	10		911 BERGEN AVE	25	95	25.5X95	350	1	8600 8600
115	6		923 PENNSYLVANIA AVE	20	122	20X122	1200	1	25900 25900
115	7		913 PENNSYLVANIA AVE	100	122	100X122	1200	1	129600 129600
115	8		911 PENNSYLVANIA AVE	122	125	9110 SF	1200	1	86600 87000
116	9		838 E ST GEORGE AVE	40	100	40X100	1000	1	40000 40000
116	11		846 E ST GEORGE AVE	40	100	40X100	1000	1	40000 40000
117	13		827 CLEVELAND AVE	40	100	40X100	350	1	44000 44000
117	20		1306 MC CANDLESS ST	20	100	20X100	1	7000	0
118	8		832 CLEVELAND AVE	20	100	20X100	350	1	7000 7000
119	28		822 UNION ST	30	100	30X100	350	1	10500 10500
120	18		1014 MC CANDLESS ST	30	100	30X100	350	1	10500 10500
123	6		829 DILL AVE	20	99	20X99.75	350	1	6900 6900
124	5		833 MONMOUTH AVE	20	100	20X100	350	1	7000 7000
124	12		606 MC CANDLESS ST	40	100	40X100	350	1	14000 14000
125	18		824 MONMOUTH AVE	30	100	30X100	350	1	10500 10500
127	5		833 BERGEN AVE	30	95	30X95	350	1	10300 10300
127	6		829 BERGEN AVE	30	95	30X95	350	1	10300 10300
128	10		811 ESSEX AVE	20	100	20X100	350	1	7000 7000
128	17		818 BERGEN AVE	40	100	40X100	350	1	44000 44000
129	3		839 E ELIZABETH AVE	60	100	60X100	1200	1	68400 68400
129	12		801 E ELIZABETH AVE	60	100	60X100	1200	1	68400 68400
129	13		110 MC CANDLESS ST	40	100	40X100	350	1	14000 14000
130	6		813 PENNSYLVANIA AVE	20	122	20X122	1200	1	19400 25900
131	7		728 E ST GEORGE AVE	20	197	20X190.77	1200	1	32400 32400
131	20		711 VAN BUREN AVE	20	150	20X150	400	1	9400 9400
131	26		1524A BOWER ST	10	100	10X100	400	1	4000 4000
132	13		719 JACKSON AVE	20	100	20X100	350	1	7000 7000
133	7		730 JACKSON AVE	46	100	46X100	350	1	45700 45700
134	1		1214 BOWER ST	60	100	60X100	350	1	51000 51000
134	4		720 CLEVELAND AVE	60	100	60X100	350	1	51000 51000

Tatia 7.9 Ac

700 LINDEN CT

BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA	LAND
134	15		125 UNION ST	40	100	40X100	350	1	44000 44000
137	8		715 E HENRY ST	40	100	40X100	350	1	14000 14000
137	12		910 BOWER ST	40	100	40X100	350	1	44000 44000
140	1		519 MC CANDLESS ST	20	100	20X100	350	1	7000 7000
142	3		307 MC CANDLESS ST	20	100	20X100	350	1	7000 7000
143	11		204 BOWER ST	20	100	20X100	350	1	7000 7000
144	8		707 E ELIZABETH AVE	20	100	20X100	1200	1	24000 24000
146	4		626 E ST GEORGE AVE	40	190	40X189	1200	1	64300 60000
146	5		630 E ST GEORGE AVE	20	180	20X183	1200	1	31700 29500
146	13.1		633 PIERCE AVE	38251 SF		400	1	294400 294400	
146	21		1504 ROSELLE ST	30	100	30X100	400	1	12000 12000
146	22		1506 ROSELLE ST	40	100	40X100	400	1	46000 46000
146	24		1514 ROSELLE ST	40	100	40X100	400	1	26000 26000
147	11		1511 BOWER ST	40	100	40X100	400	1	46000 46000
147	15		631 VAN BUREN AVE	25	100	25X100	400	1	10000 10000
147	22		1410 ROSELLE ST	20	100	20X100	400	1	8000 8000
149	12		1204 ROSELLE ST	20	100	20X100	400	1	8000 8000
151	14		610 UNION ST	25	100	25X100	400	1	10000 10000
152	16		610 E CURTIS ST	24	100	25X100	400	1	9600 9600
156	2		723 HARRISON PL	25	100	25X100	400	1	10000 10000
158	7		625 HUSSA ST	20	119	20X120	400	1	7800 7800
158	9		619 HUSSA ST	30	114	30X115	400	1	12500 12500
159	6		619 ZIEGLER AVE	40	87	43.36X87.28	400	1	45000 45000
161	18		624 ESSEX AVE	50	105	50X105	400	1	50400 50400
163	12		505 PIERCE AVE	78	74	78X74	350	1	52500 53300
163	53		1138 CLARK ST	25	109	25X109	400	1	10200 10200
164	12		550 JACKSON AVE	60	100	60X100	400	1	54000 54000
165	2		1107 ROSELLE ST	40	100	40X100	400	1	46000 46000
169	10		510 STONE PL	25	100	25X100	400	1	10000 10000
-173	1		425 ROSELLE ST	67.37	100	67.37X140	1000	1	67000 67000
-173	2		445 ROSELLE ST	60	100	60X400	1000	1	60000 60000
173	10		541 HUSSA ST	35	147.37	35X147.37	400	1	16200 16200
173	22		500 E BLANCKE ST	33	95	33X95	400	1	12900 12900
174	11		543 E PRICE ST	20	147	20X147.37	450	1	5200 5200
174	37		558 HUSSA ST	20	147	20X147.38	400	1	9300 9300

Total 3,4 Ac.

48 unit apartment building

BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA!	LAND
175	8		122 MAPLE AVE	20	100	20X100	400	1	8000
176	8.2		561 E ELIZABETH AVE	2	60	2X60	1200	1	1900
176	17		525 E ELIZABETH AVE	20	149	20X153	350	1	8100
176	19		519 E ELIZABETH AVE	20	124	20X128	350	1	7600
176	26.1		542 ZIEGLER AVE	20	104	20X108	400	1	8000
176	26.2		544 ZIEGLER AVE	20	112	20X117	400	1	8300
177	9		537 PENNSYLVANIA AVE	60	122	60X122	1200	1	77800
177	14		511 PENNSYLVANIA AVE	40	122	40X122	1200	1	51800
177	19		506 E ELIZABETH AVE	40	100	40X100	1200	1	48000
177	21		526 E ELIZABETH AVE	20	120	20X120	1200	1	25900
178	8		1113 CLARK ST	25	130	25X129	400	1	11200
182	1		819 CLARK ST	34	100	34X100	400	1	13600
186	10		514 MAPLE AVE	100	100	100X100	400	1	70000
188	14		899 WHEATSHEAF RD	92	26	2110 SF	400	1	4400
192	11		718 WASHINGTON AVE	20	150	20X150	400	1	9400
194	14		522 CONKLIN PL	25	100	25X100	400	1	10000
194	16		406 E HENRY ST	50	100	50X100	400	1	20000
195	13		526 WASHINGTON AVE RE	30	29	30X29.5	400	1	1400
196	30.1		300 E ELM ST	25	250	25X250	400	1	13000
198	5.1		205 MAPLE AVE	20	100	20X100	400	1	8000
198	56.1		408 HUSSA ST	20	147	20X147.37	400	1	9300
199	8		410 E PRICE ST	35	100	35X100	400	1	14000
199	9		414 E PRICE ST	5	100	5X100	400	1	2000
200	28.2		11 E ELIZABETH AVE	3	40	3X40	1200	1	2400
201	24		414 E ELIZABETH AVE	30	100	30X100	1200	1	36000
202	9		901 WASHINGTON AVE	30	110	30X97.30	400	1	12500
202	19		940 BALDWIN AVE	20	103	20X105	400	1	8000
202	20		126 E ST GEORGE AVE	40	111	40X100	1600	1	66600
203	5		835 WASHINGTON AVE	30	83	30X85.06	400	1	11000
203	13.1		810 BALDWIN AVE	35	187	35X90.85	400	1	13400
204	19		938 SEYMOUR AVE	60	100	60X100	400	1	54000
205	16		810 SEYMOUR AVE	15	100	15X100	400	1	6000
207	33		46-50 E ST GEORGE AVE	70	116	70.18X116.61	1600	1	50800
210	5.1		511 WASHINGTON AVE	20	112	20.12X111.85	400	1	8300
244	12		546 N WOOD AVE	60	200	60X200	2200	1	17500
Total		2,6 Ac							7 Unit Townhouse

BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA	LAND
212	44		117 LUUTGEN PL REAR	25	70	25X70	400	1	2100
212	45		117 LUUTGEN PL REAR	25	33	25X33	400	1	800
215	6		2651 N WOOD AVE	60	87	5280 SF	450	1	60400
220	18		4 NEWTON ST	50	95	50X128.15	450	1	57100
222	1		69 FURBER AVE	82	100	8334 SF	450	1	50300
222	26.3		10 BERLANT AVE	50	140	50X140	1		60900
228	2.2		22-30 FERNWOOD TERR R	84	101	7440 SF	450	1	11300
228	9.1		40 ROSEWOOD TERR	192	10	960 SF	450	1	2000
228	9.2		60 ROSEWOOD TERR	50	18	700 SF	450	1	1500
231	3.1		12 MELROSE TERR	20	100	20X100	450	1	9000
233	2		1809 N WOOD AVE	40	100	40X100	450	1	18000
236	4		1501 N WOOD AVE	40	100	40X100	450	1	18000
237	10		36 YALE TERR	40	100	40X100	450	1	18000
238	3		1309 N WOOD AVE	9	264	9.33X264.68	450	1	5400
238	6		1207 N WOOD AVE	50	110	50X110	450	1	63400
238	18		22 W ST GEORGE AVE REA	12	22	280 SF	1800	1	3700
240	9.1		34 GESNER ST	40	150	40X150	450	1	26300
243	7		108 W HENRY ST	2	200	2.64X200	450	1	1100
243	11.1		610 AINSWORTH ST	20	100	20X100	450	1	9000
244	2		109 W HENRY ST	27	40	27.64X40	450	1	7200
245	19		526 BROOK ST	20	89	20X97.5	450	1	8500
248	20		436 BROOK ST	30	105	30X105	450	1	13100
250	6		106 W BLANCKE ST	60	107	60.15X105.70	450	1	64500
252	5		14 W PRICE ST	19	146	1400 SF	1200	1	16100
252	31.2		117 W BLANCKE ST	20	137	20X138.67	450	1	10300
253	4.3		19 W PRICE ST	37	160	37.5X160	1200	1	55100
260	14		139 MORRISTOWN RD	30	100	30X100	450	1	13500
261	3.1		2507 ORCHARD TERR	20	100	20X100	450	1	9000
262	3.1		2407 ORCHARD TERR	40	100	40X100	450	1	18000
270	14		1608 SUMMIT TERR	20	100	20X100	450	1	9000
271	2		1515 ORCHARD TERR	40	100	40X100	450	1	18000
271	8.2		128 HARVARD RD	10	100	10X100	450	1	4500
272	4		112 YALE TERR	33	100	3190 SF	450	1	14900
273	2		1313 ORCHARD TERR	60	100	60X100	450	1	67000
273	4		1301 ORCHARD TERR	36	100	3450 SF	450	1	16200

Tn + a | 2.8 Ac.

BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA	LAND
274	5		1206 SUMMIT TERR	60	100	60X100	450	1	27000 27000
274	12		115 THELMA TERR	40	124	40X124.35	450	1	19400 19400
276	4.1		811 AINSWORTH ST	47	100	47X100	450	1	51200 51200
279	14		618 SPRUCE ST	50	100	50X100	450	1	59500 59500
283	6.1		439 MINER TERR	40	100	40X100	450	1	57400 55000
283	22.1		436 SPRUCE ST	40	100	40X100	450	1	64000 55000
283	22.2		446 SPRUCE ST	40	100	40X100	1		55000 55000
284	9.1		310 W BLANCKE ST	25	95	25X100	450	1	11000 11000
284	14		322 MINER TERR	8	105	8X105	450	1	3700 3700
285	11.1		410 W BLANCKE ST	5	96	5.27 X 96.68	450	1	2200 2200
287	1		301 W PRICE ST	23	100	1500 SF	450	1	4100 4100
288	5		16 DONALDSON PL	26	100	26.5X100	1200	1	31200 31200
288	6		18 DONALDSON PL	26	100	26.25X100	1200	1	31200 31200
288	8		503 W ELIZABETH AVE	40	126	4520 SF	1200	1	50400 50200
288	11		409 W ELIZABETH AVE RE/	20	26	20X26	1200	1	2400 2400
288	13		325 W ELIZABETH AVE	100	100	100X100	1200	1	50000 50400
288	14		315-319 W ELIZABETH AVE	100	100	100X100	1200	1	120000 120000
290	15		223 SPRINGFIELD RD	10	100	13X100	450	1	4500 4500
300	10		233 EDGEWOOD RD	16	100	16.59X101.25	450	1	4300 4300
314	6		504 W ELM ST	20	100	20X100	450	1	9000 9000
319	31		615 KNOPF ST	30	100	30X100	450	1	13500 13500
322	9		2800 HIGHLAND AVE	20	85	90X22	450	1	9000 8500
329	4.1		300 ROSEWOOD TERR	50	100	50X100	450	1	62500 62500
334	7.2		300 YALE TERR	50	64	3200 SF	450	1	17800 17800
338	2.2		1019 DE WITT TERR	20	100	20X100	450	1	9000 9000
343	20		754 LINDEGAR ST	20	100	20X100	450	1	9000 9000
344	5.1		621 DE WITT ST	31	100	2940 SF	450	1	14000 14000
349	11		512 LINDEGAR ST	25	100	25X100	450	1	11300 11300
351	8		411 MILTONIA ST	30	100	30X100	450	1	13500 13500
358	8.2		122 LINDEGAR ST	22	100	34.21X100	400	1	8800 8800
359	59.2		2836 BRADBURY AVE	40	100	40X100	450	1	18000 18000
359	66		2822 MYRTLE TERR	20	100	20X100	450	1	9000 9000
360	2		2611 MYRTLE TERR	20	100	20X100	450	1	9000 9000
382	16		618 ERICAMA ST	20	100	20X100	450	1	9000 9000
382	18		626 ERICAMA ST	30	100	30X100	450	1	13500 13500

Tn + q | 2.6 AC.

BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA	LAND
387	1		501 MORRISTOWN RD	40	100	40X100	450	1	18000
390	15		556 ROSEWOOD TERR	8	100	8X100	450	1	3600
390	16		555 ROSEWOOD TERR	8	100	8X100	450	1	3600
399	1		813 W ST GEORGE AVE	200	100	205.50X100	1800	1	432000
402	13.1		716 N STILES ST	109	30	102.42X52.67	350	1	17900
402	14		734 N STILES ST	50	72	50X71.87	350	1	31700
402	15		736 N STILES ST	45	78	45X75.13	350	1	20900
414	14		1124A FOREST DR	14	100	1406 SF	450	1	100
415	12		1411 SHERWOOD RD	53	98	47X99.17	450	1	68400
422	2.1		125 LINDEGAR ST	35	100	26.59X101.08	400	1	14000
422	15		1312 W ELIZABETH AVE	2	AC	2 AC	1	422000	0
423	21		1715-1809 W ELIZABETH R	180	174	180X174	1	46500	46500
423	25		1831 W ELIZABETH AVE RE	0.58	AC	.058 AC	1	1500	1500
424	2.2		239 MARION AVE	41	118	41X118	1	47400	47400
424	4.1		191 MARION AVE	58	100	58X100	1	53200	
424	4.2		151 MARION AVE	58	100	58X100	1	53200	
424	4.3		127 MARION AVE	59	100	59X100	1200	1	240000
424	7.1		160 LEXINGTON AVE	45	100	45X100	400	1	52000
424	7.2		150 LEXINGTON AVE	40	100	40X100	1	46000	
424	7.3		140 LEXINGTON AVE	40	100	40X100	1	46000	
427	18		213 DONALD AVE	60	60	60X60	400	1	9800
427	19		223 DONALD AVE	50	51	50X51	400	1	60000
427	20		233 DONALD AVE	50	42	50X42	400	1	4200
427	21		243 DONALD AVE REAR	50	32	50X32	400	1	3400
427	22		253 DONALD AVE	50	23	50X23	400	1	2000
427	23		1809 W BLANCKE ST	18	97	880 SF	400	1	2100
430	16		2531 URBANOWITZ AVE	20	22	230 SF	350	1	1400
433	2		2420 URBANOWITZ AVE	12	20	23.52X12.38	1200	1	1800
433	7		2423 E EDGAR RD	90	94	90X104	1200	1	103700
433	9		429 BACHELLER AVE	66	145	50X150	1000	1	77900
434	13		418-422 BACHELLER AV RI	120	26	120X27	1000	1	12000
435	2		1203 E LINDEN AVE	0.4636	AC	.4636 AC	1	46000	0
435	10.2		1931 E LINDEN AVE	0.614	AC	.614 AC	1	122800	0
436	5		1418A E LINDEN AVE	30	721	.50 AC	1200	1	56200
				40000	65000	40000	40000		40000

T-4.1 | 7.0 AC.

BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF	TXBKLAI	LAND
438	12.1		1130 E LINNEN AVENUE	1000	SR 1000 SF		1	1	1000	1000
436	12.2		1150 E LINDEN AVE REAR	6060	SF 6060 SF		1	1	7000	7000
437	5.1		1001 E EDGAR RD	16.2	AC 16.2 ACRES		1	1620000	1620000	
438	3		11 CARTERET ST	25	100 25X100	400	1	5000	5000	
438	14.2		811 E LINDEN AVE		.6847 AC		1	136900	136900	
438	16		895 E LINDEN AVE	50	233 50X233.50	1200	1	81600	76200	
439	4.3		310 E LINDEN AVE	60	125 60X125		1	55000	61400	
439	13		701 E EDGAR RD	400	200 400X200	1200	1	522200	487700	
439	19		604 COMMERCER RD	73	171 73.14X171.56	1200	1	112100	106000	
439	78		318 E LINDEN AVE REAR	25	83 25X82	400	1	1000	0	
439	79.1		193 WOODLAWN AVE		7636 SF	400	1	1000	63800	
439	82		119 CARTERET ST	25	100 25X100	400	1	10000	10000	
439	85		312 E LINDEN AVE	50	70 4050 SF	400	1	4200	4400	
440	7		232 PENNA RAILROAD AVE	25	112 25X112.5	400	1	10400	10400	
440	13		237 E LINDEN AVE	25	100 25X100		1	10000	0	
440	16.1		227 E LINDEN AVE	12	112 12.5X112.5	400	1	5000	5000	
440	21		11 CLINTON ST	25	100 25X100	400	1	10000	10000	
441	10.2		114 CARTERET ST	25	100 25X100	400	1	10000	10000	
442	27		105 E MUNSELL AVE	25	128 25X128	400	1	11000	11000	
442	29		215 CLINTON ST	69	86 2950 SF	400	1	15600	15600	
445	4		126 CEDAR AVE	75	100 75X100	400	1	65000	65000	
446	2.2		114 UNION AVE	25	100 25X100	400	1	10000	10000	
447	3.1		126 LIBERTY AVE	25	150 25X150	400	1	11700	11700	
448	7		2 CLINTON ST	25	100 25X100	400	1	10000	10000	
448	13		41 E LINDEN AVE	25	100 25X100	400	1	22500	22500	
449	10		133 S WOOD AVE	18	100 19X102.31	1200	1	21600	21600	
449	11		127 S WOOD AVE	25	105 25X103	1200	1	15300	15300	
449	13		113 S WOOD AVE	25	115 25.33X114.48	1200	1	15900	15900	
451	4		20 E MUNSELL AVE	40	112 40X112	400	1	16600	16600	
455	6		47 E EDGAR RD	50	64 50X65	1200	1	48600	47400	
455	9		713 WOOD PL	50	56 50X56	1200	1	23400	23400	
457	20.2		322 W LINDEN AVE REAR	60	89 60X89.43	450	1	5700	5800	
457	21.2		312 W LINDEN AVE REAR	60	90 60X91	450	1	5700	5700	
457	22.2		308 W LINDEN AVE REAR	40	92 40X92	450	1	3800	3800	
457	23.2		304 W LINDEN AVE REAR	40	93 40X94	450	1	3800	3800	

21.7 AC.

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BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA	LAND
457	24.2		300 W LINDEN AVE REAR	40	95	40X95	450	1	3800
457	27.2		240 W LINDEN AVE REAR	40	98	40X99	450	1	3800
457	28.2		236 W LINDEN AVE REAR	40	100	40X100	450	1	3800
457	29.2		232 W LINDEN AVE REAR	50	102	50X102	450	1	4700
457	30.2		226 W LINDEN AVE REAR	50	104	50X104	450	1	2200
457	34.2		210 W LINDEN AVE REAR	40	85	40X85	450	1	3800
458	1		100 S WOOD AVE	60.55	97.58	60.55X97.58	1	72000	0
458	5.2		114 S WOOD AVE	10	158	10X159.26	1200	1	7300
458	6		116 S WOOD AVE	40	161	40.37X162	1200	1	59500
458	15		111 PENN PL REAR	20	40	20X40	1200	1	3800
459	2		210 S WOOD AVE	60	183	60X185	1200	1	95000
459	6		14 W MUNSELL AVE	20	100	20X100	400	1	8000
460	4		116 PENN PL	30	100	30X100	400	1	12000
460	8		114 W MORRIS AVE	24	150	3600 SF	400	1	11200
462	4.2		103 W MUNSELL AVE	46	203	46X234	400	1	40900
462	6		25 W MUNSELL AVE	25	146	25X150	400	1	11600
462	18		305 JEFFERSON AVE	25	100	25X100	400	1	10000
463	17.2		322 MITCHELL AVE REAR	37	100	37.5X100	400	1	4000
463	18.2		320 MITCHELL AVE REAR	50	100	50X100	400	1	5400
463	19.2		314 MITCHELL AVE REAR	50	100	50X100	400	1	5400
464	3.2		325 W LINDEN AVE			4879 SF	1	13900	13900
464	9		243 W LINDEN AVE	25	150	25X150	400	1	11700
464	34		306 W MORRIS AVE	25	150	25X150	400	1	11700
464	35		308 W MORRIS AVE			14707 SF	1	74400	74400
465	1		201 COOLIDGE ST	26	100	26.60X100	400	1	8300
465	8.1		223 W MORRIS AVE	25	150	25X150	400	1	11700
465	9		215 W MORRIS AVE	50	150	50X150	400	1	58400
469	22		228 S STILES ST	31	160	.11 AC	1200	1	34200
469	28		372 S STILES ST	144	155	147.10X165.8	1200	1	210800
469	42		720 W EDGAR RD REAR	0.574	AC	.574 AC	1	57400	57400
470	6		101 PLEASANT ST	620.7	RES	.762 ACRES	1	152000	0
470	8		711 PLEASANT ST	2.19	RES	2.190 ACRES	1	438000	0
470	14		916 HAMPDEN ST	50	99	50X100	350	1	45700
470	66		1700 W EDGAR RD	9.131	AC	9.131 AC	1	1552100	0
472	4		620 ALLEN ST	28	100	28X100	350	1	9800

Total 16.4 Ac.

BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA	LAND
472	5		626 ALLEN ST	42	100 42X100		350 1	14700	14700
472	14.2		716 ALLEN ST	40	100 40X100		350 1	41500	41500
472	34		637 MEACHAM AVE	28	100 28X100		350 1	9800	9800
473	11.2		827 MEACHAM AVE	28	100 28X100		350 1	9800	9800
474	2.1		900 ALLEN ST	33	100 3350 SF		350 1	11600	11600
474	11		907 MEACHAM AVE	56	100 56X100		350 1	41500	42400
475	13		654 MEACHAM AVE	42	100 42X100		350 1	42200	42200
475	18		714 MEACHAM AVE	28	100 28X100		350 1	9800	9800
475	27		729 BACHELLER AVE	26	100 26X100		350 1	9100	9100
476	5.1		828 MEACHAM AVE	28	100 28X100		350 1	9800	9800
478	6.2		1014A ALLEN ST	10	50 10X50		350 1	2500	2500
478.1	1		1300 ALLEN ST	11250	SF 11250 SF		1	96000	96000
481	3.2		918 BACHELLER AVE	1	100 1X100		1	400	0
481	9		921 DENNIS PL	84	100 84X100		350 1	56900	56900
482	13		706 DENNIS PL	28	100 28X100		1	9800	
485	2		2104 E EDGAR RD	28	100 28X100		1	9800	
486	3		2110 GRIER AVE	42	115 42X115		1	15300	
490	11.2		867 S PARK AVE	43	100 43X100		1	42600	
493	1.1		1900 E EDGAR RD	58	181 17030 SF		1200 1	108500	108400
493	1.2		1910 E EDGAR RD	28	100 28X100		1200 1	33600	33600
493	3		628 S PARK AVE	28	100 28X100		800 1	22400	22400
494	2		700 S PARK AVE	2210	SF 2210 SF		1	8400	0
494	7		724 S PARK AVE	70	94 3240 SF		350 1	7100	7100
494	9.1		1907 GRIER AVE	33	98 33X98		1	39000	39000
498	1.2		715 MACK PL	50	94 50X94		1	43700	43700
500	6		929 MACK PLACE	32	100 4540 SF		350 1	11200	11200
501	1		1700 E EDGAR RD	46	100 46.64X100		1200 1	60700	60700
501	2		1706 E EDGAR RD	28	100 28.30X100		1200 1	33600	33600
501	3		1710 E EDGAR RD	56	100 56X100		1200 1	67200	67200
501	4		1718 E EDGAR RD	44	100 44X100		1200 1	52800	52800
501	5		616 MACK PL	37	100 3600 SF		800 1	29600	29600
501	6		620 MACK PL	42	100 42X100		800 1	33600	33600
501	10		623 GILCHRIST AVE	70	75 70X75		800 1	50400	50400
501	11		619 GILCHRIST AVE	28	74 28X74		800 1	20200	19500
501	12		615 GILCHRIST AVE	28	75 2270 SF		800 1	10100	10100

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BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF	TXBKLAI	LAND
505	3		620 GILCHRIST AVE	42	60	42X60	800	1	13600	13300
505	4		630 GILCHRIST AVE	112	60	112X60	1		36300	0
505	6		704 GILCHRIST AVE	28	60	28X60	800	1	9100	8800
505	7		708 GILCHRIST AVE	28	60	28X60	800	1	9100	8800
505	9		1633/1658 GRIER AVE	60	75	60X75	350	1	46400	46400
505	15		629 MALCOLM PL	56	75	56X75	750	1	37800	37800
505	16		621 MALCOLM PL	28	75	28X75	750	1	18900	18900
507	4		633 LOUIS AVE	84	47	85.08X47	750	1	22700	20500
507	5		617 LOUIS AVE	56	133	56X133	750	1	23500	23500
507	7		1600 E EDGAR RD	56	68	60.80X68	1200	1	56400	55800
507	8		624 MALCOLM PL	28	75	28X75	800	1	20200	20200
507	9		628 MALCOLM PL	28	75	28X75	800	1	20200	20200
511	2		614 TUXEDO PL	28	75	28X75	1		8800	0
511	8		720 TUXEDO PL	1030	SF	1030 SF	1		6300	0
511	9		710 TUXEDO PL REAR	180	SF	180 SF	1		600	0
511	10		628 TUXEDO PL REAR	2700	SF	2700 SF	1		3800	0
511	11		620 TUXEDO PL REAR	7000	SF	7000SF	1		10100	0
513	4.1		1300 THOMAS ST REAR	1	AC	1.00 AC	1		200000	0
514	8		1824/424 ALLEN ST	50	125	50X125	300	1	32800	32800
522	2		3301B TREMLEY PT RD	16.8	AC	16.8 AC	1		750500	750500
522	6		3425 TREMLEY PT RD	1.976	AC	1.976 AC	1		396000	0
524	1		200 E EDGAR RD	100	100	100X100	1		120000	0
524	10		121 E 20TH ST	25	100	25X100	900	1	18600	22500
524	71		1019 WOODLAWN AVE	25	100	25X100	1		8800	28500
524	75		945 WOODLAWN AVE	62	100	62.5X100	350	1	50200	50200
525	2		114 E EDGAR RD	100	108	100X108	1200	1	122400	122400
525	6		152 E EDGAR RD	50	200	50X200	1		81600	
529	15		111 E 15TH ST	25	100	25X100	1		18600	11300
529	17		1415 CLINTON ST	50	100	50X100	350	1	46000	46000
529	18		1413 CLINTON ST	25	112.5	25X112.50	1		37600	0
530	3		12 E EDGAR RD	50	150	50X150	1200	1	72000	70200
530	4		24 E EDGAR RD	50	150	50X150	1200	1	72000	70200
530	6		48 E EDGAR RD	58	111	7110 SF	1200	1	72400	72400

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BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA	LAND
530	7		912 CLINTON ST	50	130	50X130	350	1	47400 47400
530	16		23 E 10TH ST	25	154	25X154		1	10300
530	18		19 E 10TH ST	25	140	25X140		1	10200 0
530	20		11 E 10TH ST REAR	25	61	25X61		1	6900 0
531	4		26 E 10TH ST	75	100	75X100	350	1	54800 54800
531	5		34 E 10TH ST	50	100	50X100	350	1	46000 46000
531	12.1		31 E 11TH ST	25	100	25X100	350	1	8800 8800
531	15		13 E 11TH ST	25	100	25X100		1	8800 11300
532	4		22 E 11TH ST	25	100	25X100		1	8800 11300
533	8.1		1204 CLINTON ST	25	100	25X100		1	8800 11300
533	10.2		33 E 13TH ST	25	100	25X100		1	8800 11300
533	12.2		21 E 13TH ST	25	100	25X100		1	8800 0
535	1.2		10 W 15TH ST	75	75	75X75		1	44300 44300
535	3		38 E 14TH ST	25	100	25X100	350	1	8800 8800
537	11		1610 CLINTON ST	37	100	37.5X100	350	1	41500 41500
538	16		21 E 18TH ST	50	100	50X100	350	1	46000 46000
538	17		19 E 18TH ST	50	100	50X100	350	1	46000 46000
539	6		26 E 18TH ST	25	100	25X100	350	1	6100 6100
539	18		19 E 19TH ST	50	100	50X100	350	1	46000 46000
540	1		1901 S WOOD AVE	50	100	50X100	900	1	45000 45000
540	15		29 E 20TH ST	25	100	25X100	350	1	8800 8800
540	21		1911 S WOOD AVE	25	100	25X100	900	1	22500 22500
541	6		32 E 20TH ST	75	100	75X100	900	1	67500 67500
542	7		37 W EDGAR RD	50	117	50X117	1200	1	63600 63600
545	37.2		36 W 15TH ST REAR	33	50	33.33X50	350	1	1200 1200
545	38.2		40 W 15TH ST REAR	33	50	33.33X50	350	1	1200 1200
545	44		1319 WINANS AVE	25	100	25X100	350	1	8800 8800
546	3.1		33 W 15TH ST	35	85	1520 SF	350	1	6900 6900
549	6.3		17 W 18TH ST	25	100	25X100	350	1	8800 8800
549	12		18 W 19TH ST	25	100	25X100	350	1	8800 8800
552	1		107 W EDGAR RD	202	245	.89 AC	1200	1	310500 307800
552	11		114 W 11TH ST	50	100	50X100	350	1	17500 17500
556	3		211 W 16TH ST	25	100	25X100	350	1	8800 8800
556	18		120 W 17TH ST	60	100	60X100	350	1	49500 49500

A road 37 Ac

BLOCK	LOT	QUAL #	PROPERTY LOCATION	FRONT	DEPTH	LAND DIM	FF VALU	PROF TXBKLA	LAND
559	3		101 W 19TH ST	50	100' 00X100'		350' 1	46000	46000
559	4		1915 S STILES ST	43	45' 1000 SF		350' 1	5900	5900
562	18		1411 MOPSTICK AVE	47	100' 47.5X100		350' 1	45000	45000
563	38		911 S STILES ST	50	150' 50X150		1000' 1	60000	58500
567	1		1601 S STILES ST	25	101' 28.12X99		350' 1	8800	8800
568	2		41 W 21ST ST	50	100' 50X100		900' 1	45000	45000
568	3		37 W 21ST ST	50	100' 50X100		900' 1	45000	45000
569	9		3020 S WOOD AVE	25	135' 25X132.95		350' 1	10000	10000
569	12.2		3032 S WOOD AVE	50	97' 50X97.02		350' 1	44700	44700
570	13		2628 TREMLEY PT RD	25	100' 25X100.02		350' 1	8800	8800
570	15.1		2638 TREMLEY PT RD	45	180' 45X179.43		350' 1	19400	19400
570	29		2803 GRASSELLI AVE	95	21' 95X22.91		350' 1	11000	11000
573	16		124 WALTER ST	50	107' 50X107.77		350' 1	45400	45400
576	5		208 MONROE ST	16	67' 16X67		1	4600	0
579	3		2710 PARKWAY AVE	47	89' 47.49X89		350' 1	21500	21500
579	4		2714 PARKWAY AVE	41	97' 41.03X99		350' 1	20800	20800
580	1.1		1855 W EDGAR RD	30	200' 8535 SF		1200' 1	49000	45700
580	14		1600 LOWER RD REAR	7.17	AC 7.17 AC		1	2509500	2509500
580	24		1191 SYLVAN ST	0.52	AC .52 AC		1	125400	0
580	26		1191A SYLVAN ST	75	122.5' 75X122.5		1	56000	0
580	28		1191B SYLVAN ST	250	122.5' 250X122.5		1	72600	0
580	29		1201B SYLVAN ST	93	122.5' 93X122.5		1	29100	0
580	30.2		1205 W EDGAR RD REAR	1.84	AC 1.84 AC		1	92000	0
580	30.3		730 LOWER RD	4.857	AC 4.857 AC		1	485700	485700
580	31.09		1700 S STILES ST		1.48 AC		1	666000	
580	31.1		1800 S STILES ST		3.06 AC		1	76500	76500
580	44		750 LOWER RD	2.69	AC 2.69 AC 0.33		1	269000	0
580	53.2		1580 LOWER RD	5.781	AC 5.781 AC		1	750000	750000
581	2		1941 WALL ST	125	112' 125X112		350' 1	15800	15900
581	3		1957 WALL ST	50	113' 50X112.50		450' 1	6300	6300
581	11.7		2601 RANGE RD	1.75	1.75 AC		1	157500	0
581	12		1303 LOWER RD	3.535	AC 3.535 AC		1	353500	0
581	13		1301 LOWER RD	115	91' 121 AC		1000' 1	24500	33100
582	61		216 WALTER ST	75	133' 75X135		350' 1	28500	28500
582	62		220 WALTER ST	50	139' 50X139		350' 1	23700	23700

Area 36,4 An 1227 An