

**CITY OF BOYNTON BEACH
COMPREHENSIVE PLAN**

UTILITIES ELEMENT

PROPOSED AMENDMENTS

Table of Contents

Objective	Page
Sanitary Sewer Sub-Element	
3A.1 Secure reserve capacity at the South Central Regional Wastewater Treatment and Disposal	3-1
3A.2 Adequate and efficient collection and transmission services based on the City’s wastewater master plan.....	3-2
3A.3 Minimize wastewater influent and utilize irrigation quality effluent	3-3
3A.4 Funding sanitary sewer system capital improvements, and operation and maintenance costs	3-3
3A.5 Prevention of urban sprawl.....	3-4
3A.6 Capital Improvements Program.....	3-4
Stormwater Management Sub-Element	
3B.1 Sufficient stormwater drainage facilities.....	3-5
3B.2 Protection of surface water and groundwater from stormwater runoff.....	3-7
3B.3 Prevention of urban sprawl.....	3-8
3B.4 Protection of natural drainage features	3-8
Potable Water Sub-Element	
3C.1 Water demands through buildout.....	3-9
3C.2 Adequate potable water distribution services.....	3-11
3C.3 Options to implement water conservation.....	3-11
3C.4 Funding for Capital Improvements	3-12
3C.5 Prevention of Urban Sprawl.....	3-12a
3C.6 Capital Improvements Program	3-12a
3C.7 Implementation of the Water Supply Facilities Plan.....	3-12b

Objective:	Page
Natural Groundwater Aquifer Recharge Sub-Element	
3D.1 Protect and maintain of aquifer recharge areas.....	3-13

Solid Waste Sub-Element

3E.1 Solid waste generation level of service.....	3-14
3E.2 Solid waste collection and delivery system	3-14
3E.3 Recycling goal.....	3-14
3E.4 Litter/hazardous waste	3-15
3E.5 Illegal dumping and littering.....	3-15
3E.7 Prevention of Urban Sprawl.....	3-15

**City of Boynton Beach
Utilities Element
Goals, Objectives, and Policies**

Sanitary Sewer Sub-Element

Goal 3A *The City of Boynton Beach shall secure adequate capacity for treatment and disposal of wastewater, install and maintain adequate wastewater collection and transmission facilities, take steps to minimize wastewater flows, and maintain sufficient and equitable financing to provide services for the sanitary sewer system's customers.*

Objective 3A.1 Under the auspices of the interlocal agreement, the City of Boynton Beach will seek to secure reserve capacity at the South Central Regional Wastewater Treatment and Disposal Facilities that is adequate to serve the City's needs ~~through buildout. Build-out flows are estimated to be 16.8 million gallons per day, measured on a MMDF basis.~~

Measurability: *Increase in capacity reserved by the City.*

Policy 3A.1.1 The City shall maintain the adopted Level of Service Standard based on the provision of service at a level equal to at least 100 gallons per capita per day maximum month average daily flow for peak population.

Policy 3A.1.2 The City will continue to coordinate and renegotiate the existing agreement with the South Central Regional Wastewater Treatment and Disposal Board to secure wastewater treatment and disposal capacity equal to the flows estimated in the City's wastewater master plan ~~every 5 years, or~~ as often as necessary.

Policy 3A.1.3 The City shall permit development with individual septic tanks only in areas not served by City sewer for densities of 1 dwelling unit per acre or less.

Policy 3A.1.4 The City shall continue to participate in and support the State's policy to eliminate the discharge of inadequately treated wastewater into the waters of the state.

~~Policy 3A.1.5 — By December 2008 the City shall increase the capacity of its reuse distribution system to 8 MGD, and participate in the expansion of the Regional Wastewater Facility's Reuse Water Treatment system to increase the plant's generation to 100% of capacity thereby reducing the discharge of wastewater to the Atlantic Ocean during dry weather.~~

~~Policy 3A.1.6 — By December 2008 the city shall participate in the development of a deep well injection facility at the Regional Plant thereby ceasing the discharge of all wastewater effluent to the Atlantic Ocean during wet weather.~~

Objective 3A.2 The City Of Boynton Beach will provide adequate and efficient collection and transmission services to residential and non-residential customers, both inside and outside the City limits, adequate to meet flows projected in the City's wastewater master plan.

Measurability: Improvements to the collection and transmission systems consistent with the objective.

Policy 3A.2.1 The City shall size new collection and transmission facilities to meet buildout conditions, and include known redevelopment plans.

Policy 3A.2.2 The City shall continue to implement an annual maintenance program that will identify and prioritize system needs for renewal, replacement, and betterment. Capital improvements considered necessary to maintain the system in good working condition will be made on a timely basis.

Policy 3A.2.3 The City shall update the master plan for facility expansion ~~on a 5-year basis~~ as needed, based upon development and growth.

Policy 3A.2.4 The City shall require that approved new developments will install sewer lines according to City specifications in order to receive development approval. The new lines will, in most cases, be deeded to the City.

Policy 3A.2.5 The City shall continue to require that new development will pay for its fair share of existing or planned capital facilities through a connection charge system.

Objective 3A.3 **The City of Boynton Beach will minimize wastewater influent resulting from infiltration and inflow; and will conserve potable water by utilizing irrigation quality effluent where practicable.**

Measurability: *Number of improvements to the system consistent with the objective.*

Policy 3A.3.1 ~~The City shall maintain the Level of Service Standard for the existing water and wastewater service area. The City shall strive to increase tThe average annual daily flow to the of wastewater delivered for treatment to the South-Central Regional Wastewater Treatment Plant up to 90% of the average flow from the water treatment plants as further conservation measures such as increased use of reuse water take effects. will not exceed 70% of the average annual daily flow of treated water leaving the City's water treatment plant, adjusted for service area differences.~~

Policy 3A.3.21 The City shall continue to monitor infiltration and inflow to determine rates and locations. Where economically feasible, system improvements will be made to reduce these levels.

Policy 3A.3.32 ~~By 2010, t~~The City will continue to expand its reclaimed water system distribution network from the reuse main located west of the City's Boundary into Boynton Beach to serve additional large users and continue to reduce potable water usage for irrigation.

Objective 3A.4 **The City of Boynton Beach will fund sanitary sewer system capital improvements, replacement and rehabilitation, and operation and maintenance costs such that these costs are borne by customers of the system on the basis of the cost-of-service.**

Measurability: *Number of sanitary sewer capital improvements projects financed with enterprise funds.*

Policy 3A.4.1 The City shall operate the sanitary sewer system as an enterprise, such that all costs will be borne by utility customers, and revenues will be used for the benefit of those customers. The rate schedule for sanitary sewer services will be based on public utility cost-of-service principles.

Policy 3A.4.2 The City shall require that costs for the extension of service to new customers will be borne to the maximum extent possible by these new customers through a Capital Facilities Charge system.

Policy 3A.4.3 The City shall establish a reserve fund for routine system renewal and replacement to be maintained at a level equal ~~\$1,000,000 for~~

~~water, wastewater and stormwater, or at~~ to the level required by bond covenants, ~~whichever is~~ or greater.

Objective 3A.5 **The City will prevent urban sprawl by requiring orderly, compact development of the sanitary sewer service area.**

Measurability: *Expansion of the system only when consistent with the objective.*

Policy 3A.5.1 The City will encourage infill development and redevelopment only in areas presently served adequately by sanitary sewer facilities.

Policy 3A.5.2 The City will extend sanitary sewer facilities through the service area in a systematic fashion. Services will be extended outside the City municipal limits up to one mile, as needed, in order to provide urban services within the City's franchise area.

Policy 3A.5.3 The City will discourage urban sprawl by requiring all approved new development to pay the full cost of extending sanitary sewer facilities. Thus, the development of remote parts of the service area will be more expensive than compact development.

Objective 3A.6 **The program to eliminate existing deficiencies according to the capital improvement schedule presented in the Capital Improvements Element shall be maintained.**

Measurability: *Number of projects in the Capital Improvements Schedule consistent with the objective.*

Policy 3A.6.1 The City shall follow established priorities for replacement, correcting existing deficiencies, and providing for future needs. The need shall be determined by the Utilities Department through a master planning process. The priorities shall be reflected in the Capital Improvements Element such that the improvements needed first shall be implemented first. Issues related to public health shall receive first priority, issues related to providing the adopted level of service shall receive second priority, and all other issues shall be implemented as needed to keep the system operationally efficient.

Stormwater Management Sub-Element

Goal 3B *The City of Boynton Beach will secure, maintain, and finance adequate stormwater drainage facilities to provide protection from flooding to prevent degradation of the quality of receiving waters, and to meet the requirements of designated land uses.*

Objective 3B.1 **The City of Boynton Beach will continue to require and enforce standards of the South Florida Water Management District and the Lake Worth Drainage District such that sufficient stormwater drainage facilities to address existing deficiencies, minimize damage to public and private property, protect surface and groundwater quality and quantity, and meet future needs are constructed and maintained in the City limits.**

Measurability: *Number of stormwater drainage facility improvements made consistent with the objective.*

Policy 3B.1.1 The City shall enforce the adopted Level of Service Standard for drainage facilities requiring designs for a 3-year storm for the duration of the time of concentration of the watershed.

Policy 3B.1.2 The City shall construct new stormwater drainage facilities to eliminate deficiencies in the existing system-if they become necessary. Facilities and projects needed will be specified in the stormwater basin plans.

Policy 3B.1.3 The City shall continue to enforce the land development regulations requiring the provision of adequate stormwater drainage facilities in all land use and zoning decisions.

- All new development must meet South Florida Water Management District and Lake Worth Drainage District, or City of Boynton Beach requirements for drainage facilities, whichever is more stringent.
- First floor flooding will be minimized by requiring that first floor elevations be set at, or above, the level of the 100 Year Flood Elevation.

Policy 3B.1.4 The City shall continue to maintain stormwater drainage plans for the various stormwater basins to identify and prioritize needs for

expansion, replacement, and improvement to the stormwater system in the City.

- Policy 3B.1.4 The City shall continue to maintain stormwater drainage plans for the various stormwater basins to identify and prioritize needs for expansion, replacement, and improvement to the stormwater system in the City.
- Policy 3B.1.5 The City will continue to coordinate with the Lake Worth Drainage District, the South Florida Water Management District and Palm Beach County, as appropriate, on stormwater planning and management issues.
- Policy 3B.1.6 The City shall consider that drainage problems that cause street flooding, first floor structure flooding, or traffic hazards will be priority projects and will be corrected as soon as funds become available.
- Policy 3B.1.7 The City shall not consider nuisance flooding as a priority drainage problem.
- Policy 3B.1.8 The City shall continue to provide a regular program of street cleaning.
- Policy 3B.1.9 The City shall continue to clean miscellaneous facilities such as open ditches on an as needed basis.
- Policy 3B.1.10 Drainage facilities owned by the South Florida Water Management District, Lake Worth Drainage District, Florida Department of Transportation, or Palm Beach County that are in the City shall continue to be maintained by the entity that owns them. The City will inform and cooperate with these entities as they repair or maintain their structures in the City.
- Policy 3B.1.11 The City shall consider priorities for replacement, correcting existing deficiencies, and providing for future needs. The need shall be determined by the City through a stormwater basin planning process. The priorities shall be reflected in the Capital Improvements Element such that the improvements of highest priority shall be implemented first, in order to provide for public health and safety, the adopted level of service, and operational efficiency.

Policy 3B.1.12 The City shall continue to implement the strategies of the stormwater basin plans.

Objective 3B.2 The City of Boynton Beach will protect the quality and quantity of surface water and groundwater from direct discharges of stormwater runoff.

Measurability: Number of improvement projects to prevent direct discharges of stormwater runoff.

Policy 3B.2.1 The City shall continue to meet land development regulations requiring water quality criteria for drainage discharge set by the South Florida Water Management District and Lake Worth Drainage District.

Policy 3B.2.2 The City shall continue to monitor its drainage charge system fees to ensure that new approved development will pay its fair share of existing or planned capital facilities in accordance with the Stormwater Basin Plans.

Policy 3B.2.3 The City shall continue to enforce the land development regulations requiring that rainwater runoff be minimized by maximizing infiltration by percolation into grassy swales, medians, golf courses, landscape areas, nurseries, parks, lawns, et cetera.

Policy 3B.2.4 The City shall continue to enforce the land development regulations requiring exfiltration drains be used to alleviate small drainage problems in currently developed areas whenever possible.

Policy 3B.2.5 The City shall continue to enforce the land development regulations requiring that all new development plans must have approval or letter of exemption from the South Florida Water Management District and Lake Worth Drainage District.

Policy 3B.2.6 The City shall continue to enforce the land development regulations requiring that all new development will have approved detailed construction plans that include drainage facilities and identify all nearby areas of groundwater recharge.

Policy 3B.2.7 The City shall continue to enforce the land development regulations requiring that retention and/or detention in new

developments will conform to the water quality requirements of Chapter 62-25, Florida Administrative Code.

Policy 3B.2.8 The City shall continue to enforce the land development regulations requiring that the stormwater storage and recharge potential of properties shall be retained and enhanced, where possible,.

Policy 3B.2.9 The City shall continue to enforce the land development regulations requiring that post development runoff volumes shall not exceed pre-development runoff volumes, wherever possible.

.Objective 3B.3 Development and redevelopment will be encouraged in areas presently served adequately by existing drainage facilities in order to prevent urban sprawl.

Measurability: Number of infill development and redevelopment projects approved consistent with the objective.

Policy 3B.3.1 The City shall continue to enforce the land development regulations maintaining a stormwater charge system so that new development will pay for its fair share of existing or planned capital facilities in accordance with the Stormwater Basin Plans.

Objective 3B.4 The stormwater drainage regulations contained in the City's land development code shall provide for protection of the City's natural drainage features, which are the Atlantic ocean, the Intracoastal Waterway, and Lake Worth; and shall ensure that future development utilizes stormwater management systems compatible with the City's stormwater management sub-element.

Measurability: Number of development orders or building permits denied for inconsistency with the objective.

Policy 3B.4.1 The City shall continue to enforce the land development regulations requiring that new developments manage runoff from a three day, 25 year storm.

Potable Water Sub-Element

Goal 3C *The City shall secure and maintain adequate potable water treatment and distribution facilities, take steps to minimize increases in demands, and maintain sufficient and equitable financing measures to provide services to potable water system customers.*

Objective 3C.1 **The City of Boynton Beach will secure raw water supplies and treatment capabilities sufficient to meet water demands for existing needs and through buildout. Buildout needs are estimated to be 32 mgd, measured in terms of maximum daily flow.**

Measurability: Maintenance of raw water supplies and treatment capabilities at levels consistent with the objective.

Policy 3C.1.1 The City shall ~~reduce-maintain~~ its per capita average day water usage ~~from- at~~ the current ~~159.3 to~~ 155 gpcd ~~by 2025- or less as indicated in the Water Supply Facilities Plan (WSFP). The strategies to achieve this reduction will be- through continuous implemented implementation through the City's- of~~ water conservation programs, distribution loss reduction and reclaimed water projects. ~~that are expected to achieve a reduction of at least a 1 gpcd per every 5 years.~~

Policy 3C.1.2 ~~The City shall implement distribution improvements through replacement of over 7 miles of leaky galvanized steel piping with new pressure-rated piping, thereby reducing water losses. The City will continue to expand its reclaimed water distribution system, serving primarily large users in coastal areas. The City will maintain the program to replace aging water distribution infrastructure to reduce system water loss. The City will also continue to expand its reuse distribution system to connect large users as determined in the Consumptive Use Permit.~~

Policy 3C.1.3 The City shall implement a replacement of potable water use with reclaimed water for irrigation purposes. ~~for at least 580,000 gallons per day by 2013.~~

Policy 3C.1.4 The City shall continue the implementation of water conservation programs A through H as described in the Water Conservation Chapter of the WSFWP. In particular, the City will step up its school-targeted educational programs.

Measurability: The City will monitor and measure the outcome of the water conservation programs and related activities that are intended to conserve water resource through the applicable conditions as required by the SFWMD Consumptive Use Permit.

Policy 3C.1.5 The City shall continue to maintain the Level of Service standard of 200 gallons maximum daily flow per capita of peak population for water supply and treatment. ~~and shall reduce the Level of Service standard to 175 gpcd by 2013.~~

Policy 3C.1.6 The City shall continue to maintain the raw water supply production capacity to meet maximum day demands with the largest operating well out of service.

Policy 3C.1.7 The City shall expand and maintain water treatment facilities that produce potable water of sufficient quality to meet all applicable Federal and State regulatory requirements.

Policy 3C.1.8 The City shall ensure that the capacity of the treatment facilities will be sufficient to provide the standard level of service to the estimated peak population with the system's largest unit process out of service. (A unit process is a technical term for a functional set of equipment in the plant.)

Policy 3C.1.9 The City shall require that new water treatment facilities will be sized to meet buildout potable water demands, estimated to be 32 mgd, maximum day flow.

Policy 3C.1.10 The City shall require that all new and existing structures connect to public, regional, or municipal water and wastewater systems when such systems become available.

Policy 3C.1.11 The City shall not permit new development with individual private wells

Policy 3C.1.12 The City shall require that all City owned water supply wells in the Boynton Beach service area shall be metered.

Policy 3C.1.13 The City shall permit no activity that would result in the degradation or over-utilization of potable water resources.

Policy 3C.1.14 The City shall continue to protect present and future potable water wellfield locations identified in the Water Supply Plan to assure that water resources are not negatively impacted by development, excessive draw down, or saltwater contamination through

implementation of the Palm Beach County Wellfield Protection Ordinance.

Objective 3C.2 **The City of Boynton Beach will provide distribution services to its potable water customers that are adequate to meet flow levels projected in the City’s Water System Modeling Study:**

Measurability: *Number of potable water system distribution improvements made consistent with the objective.*

Policy 3C.2.1 The City will implement the capital improvements to the potable water distribution system described in the 5-Year Capital Improvements Schedule.

Policy 3C.2.2 The City shall prioritize system needs for renewal, replacement, and betterment. Capital improvements considered necessary to maintain the system in good working condition will be made on a timely basis.

Policy 3C.2.3 The City shall ensure that new distribution facilities will be sized to meet buildout conditions, including redevelopment.

Policy 3C.2.4 The City shall continue to update and implement the Water System Modeling Study for distribution system expansion as needed based upon development and projected growth.

~~Policy 3C.2.5 By 2013, the City shall replace sub-standard water lines in the area east of Interstate 95 and south of the Boynton Canal.~~

Objective 3C.3 **The City of Boynton Beach will continue to consider options to implement water conservation such as rate structures, aquifer storage and recovery, reuse and education.**

Measurability: *Number of options considered and implemented.*

Policy 3C.3.1 The City shall continue to annually advise water users in Boynton Beach , during the dry season, to reduce potable water usage for landscape irrigation, and to properly time irrigation activities.

Policy 3C.3.2 The City shall continue to enforce all water use restrictions consistent with any water shortage or water shortage emergency declared in accordance the South Florida Water Management District Water Shortage Plan.

Policy 3C.3.3 The City shall continue to utilize a water conservation rate structure to discourage excessive water use. Conservation will be further encouraged by using potable water flows in the development of sanitary sewer charges.

Policy 3C.3.4 The City shall continue to encourage uses of non-potable water, including groundwater and treated wastewater effluent, for landscape irrigation where possible. (See Policy 3A.3.3).

~~Policy 3C.3.5 The City shall continue to require Water Wise vegetation for landscaping, in all new developments and redevelopment projects; and by the end of 2008, will further revise its Landscape Code to promote resource conservation and prevent pollution of the water bodies.~~

Policy 3C.3.6 The City shall continue to implement programs requiring or encouraging the use of water saving devices for irrigation systems, and plumbing fixtures in the City's service area.

Objective 3C.4 The City of Boynton Beach will operate its potable water system in such a way that all capital improvements, replacement and rehabilitation, and operation and maintenance costs such that costs are borne by system customers on the basis of the cost-for-service.

Measurability: Number of capital improvements to the potable water system financed with enterprise funds.

Policy 3C.4.1 The City shall continue to operate the potable water system as an enterprise, such that all costs will be borne by water utility customers, and revenues will be used for the benefit of those customers. The rate schedule for water services will be based on public utility cost-of-service principles.

Policy 3C.4.2 The City shall continue to require that costs for the extension of service to new customers will be borne to the maximum extent possible by those new customers through a capital facilities charge and connection charge system.

Policy 3C.4.3 The City shall continue to maintain a reserve fund for routine system renewal and replacement ~~at a level equal to \$1,000,000 for water, wastewater and stormwater, or~~ at the level required by bond covenants, ~~whichever is~~ or greater.

Policy 3C.4.4 The City shall continue to require that new developments install water lines according to City specifications in order to receive development approval. The new lines will in most cases be deeded to the City.

Objective 3C.5 The City will continue to prevent urban sprawl by requiring orderly, compact development of the potable water service area as it approaches buildout.

Measurability: Expansion of the potable water service area only when consistent with the objective.

Policy 3C.5.1 The City shall continue to encourage infill development and redevelopment only in areas presently served adequately by potable water facilities.

Policy 3C.5.2 The City shall only extend potable water facilities through the service area in a systematic fashion. Services will not be extended more than one mile to ensure service within the franchise area.

Policy 3C.5.3 The City shall continue to discourage urban sprawl by requiring new development to pay the full cost of extending potable water facilities. Thus, the development of remote parts of the service area will be more expensive than compact development.

Objective 3C.6 The City shall continue to implement a program to eliminate existing deficiencies according to the schedule presented in the Capital Improvements Element.

Measurability: Number of projects in the Capital Improvements Schedule consistent with the objective.

Policy 3C.6.1 The City shall continue to make priorities for replacement, correcting existing deficiencies, and providing for future needs according to need. The need shall be determined by the Utilities Department through a master planning process. The priorities shall be reflected in the Capital Improvements Element such that the improvements needed first shall be implemented first, in order to provide the standard level of service.

Objective 3C.7 The City of Boynton Beach will implement the Water Supply Facilities Work Plan (WSFWP) in order to meet the City's water demand through ~~2025~~**2030**. The Work Plan will promote projects aimed at diversifying the City's sources of water to reduce dependency on the surficial aquifer and improvement of existing infrastructure to enhance the system's efficiency.

Policy 3C.7.1 The City shall maintain a Water Supply Facilities Work Plan (WSFWP, or Work Plan) for at least a ten (10) year planning period addressing water supply facilities necessary to serve existing and future development within the City's water service areas. The Work Plan will be updated within 18 months following an update of to the Regional Water Supply Plans.

Policy 3C.7.2 The City shall coordinate with the South Florida Water Management district to assure the consistency of its Work Plan with the East Coast Regional Water Supply Plan. The City will also coordinate planning efforts with those of all jurisdictions to which it provides water service regarding population projections and other water demand and distribution factors .

~~Policy 3.C.7.4 The City will bring on line the second Aquifer Storage and Recovery (ASR) well to increase water availability, beginning in the dry season of 2009.~~

Policy 3.C.7.54 By 2010, the City will expand its reclaimed water system distribution network to serve additional large users and continue to reduce potable water usage for irrigation.

Policy 3.C.7.65 The City will improve efficiency of its water treatment operations through interconnection of the two water treatment plants to supplement the eastern wellfield, where withdrawals are limited due to its proximity to the Atlantic Ocean, with additional water from the west, to allow to utilize presently idle capacity of East Water Treatment Plant.

~~Policy 3.C.7.7 By 2012, the City will construct up to 5 new Floridan aquifer supply wells as an alternative source of ground water, and retrofit its West Water Treatment Plant to treat the aquifer's brackish water.~~

EXHIBIT 1: 10-YEAR WATER SUPPLY FACILITIES WORK PLAN

Natural Groundwater Aquifer Recharge Sub-Element

Goal 3.D *The City of Boynton Beach will protect, and maintain the functions of natural groundwater aquifer recharge areas.*

Objective 3D.1 **The City of Boynton Beach shall continue to protect and maintain prime natural groundwater aquifer recharge areas within the City.**

Measurability: *Ongoing enforcement of the Wellfield Protection Ordinance.*

Policy 3D.1.1 The City shall continue to cooperate with Palm Beach County to enforce the Wellfield Protection Ordinance.

Policy 3D.1.2 The City shall continue to designate areas having the greatest recharge potential. Such areas that are undeveloped shall be designated for low impact development or as conservation areas in the City's future land use plan.

Policy 3D.1.3 Boynton Beach shall continue to cooperate with other appropriate local governments to protect areas with the greatest recharge potentials that extend beyond the City limits.

Policy 3D.1.4 The City will continue to require environmental review of hazardous waste generators prior to issuance of occupational licenses; and will extend this process to the license renewal process.

Policy 3D.1.5 The City shall ensure, where possible, that water management plans for emergency flood situations shall avoid irreversible impact on ecological systems and minimize long term adverse impacts on all sectors.

Policy 3D.1.6 The City shall minimize, where possible, the negative impacts of existing land use activities on surface water and groundwater quality and quantity, to the maximum extent possible through enforcement of retrofitting which would incorporate appropriate water quality management techniques.

Solid Waste Sub-Element

Goal 3E *The City of Boynton Beach will provide, at the local level, and support, at the County level, an efficient and environmentally sound Solid Waste Management system.*

Objective 3E.1 **At a minimum, the City of Boynton Beach shall continue to maintain a solid waste generation level of service that is both economically feasible, and consistent with those of Palm Beach County and will accommodate the future needs of the City.**

Measurability: *Maintenance of a City solid waste level of service equal to or less than that of the Solid Waste Authority.*

Policy 3E.1.1 The City shall continue to maintain the adopted level of service standard for solid waste of 7.7 pounds per capita per day.

Objective 3E.2 **The City shall continue to provide a solid waste collection and delivery system that is consistent with policies of the Solid Waste Authority.**

Policy 3E.2.1 The City shall continue to provide a solid waste collection system that is characteristic of the following:

- At least bi-weekly residential collection of garbage,
- Provision of a scheduled program of bulky trash collection,
- At least weekly collection of commercial waste,
- Utilization of tarps for completely covering trash loads,
- Collection and disposal of vegetative debris consistent with the Palm Beach County Solid Waste Management Plan.

Objective 3E.3 **In order to maintain the adopted level of service standard, and in support of the recycling goals of the ~~Solid Waste Authority State of Florida~~, the City shall ~~continue-strive~~ to reduce the solid waste stream of the City ~~by exceeding the 40% recycling goal. to 75% of the waste stream by 2020.~~**

Measurability: *Amount of decrease in solid waste stream due to increased recycling activities.*

Policy 3E.3.1 The City shall continue to assist the efforts of the Solid Waste Authority in implementing mandatory recycling programs throughout the City, if found feasible.

Policy 3E.3.2 The City shall continue to stress participation in recycling programs within City buildings for City employees.

Policy 3E.3.3 The City shall by the year ~~2010~~2020, evaluate the current method of recording and/or monitoring the magnitude of local recycle efforts and initiate improvements, if appropriate.

Objective 3E.4 The City shall continue to support the State and County-wide efforts to improve and initiate public education and involvement programs that relate to litter clean-up, household and small business hazardous waste, etc.

Measurability: Number of litter clean-up related programs initiated.

Policy 3E.4.1 The City shall continue to support, and where possible participate in, such State and County-wide programs as Amnesty Day, "Keep PBC Beautiful", "Great American Clean Up". The City shall, at a minimum, promote these events and programs.

Objective 3E.5 In order to improve the appearance of the community, as well as to support Solid Waste Authority policy and recommendations, the City shall address the problem of illegal dumping and littering.

Measurability: Number of citations issued for illegal dumping and littering.

Policy 3E.5.1 The City shall continue to increase the number of abatements of illegally dumped waste on vacant lots after sufficient notice has been given to owner. The cost of this service, including tipping fee charged at the transfer station, will continue to be charged to the property owner.

~~Policy 3E.5.2 The City shall with the assistance of Solid Waste Authority continue to sponsor an annual City-wide litter clean-up program.~~

Policy 3E.5.3 The City shall continue to participate with the Solid Waste Authority using the report it submits regarding waste stream improvements and illegal dumpsites.

Objective 3E.7 Prevention of Urban Sprawl. The City shall continue to discourage urban sprawl and continue as a compact urban area by not providing services beyond 1/2 mile of the existing urbanized areas.

Measurability: Maintenance of the service area in accordance with the objective.

Policy 3E.7.1

The City shall continue to provide services in such a way as to maintain the City's compact urban area.