CITY OF LAKE WORTH
7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA
CITY OF LAKE WORTH
CITY COMMISSION MEETING
CITY HALL COMMISSION CHAMBER
TUESDAY, MAY 05, 2015 - 6:00 PM

1. **ROLL CALL:**

2. **INVOCATION:** Pastor Petri Kosenen, All Nations Church

3. **PLEDGE OF ALLEGIANCE:** Led by Commissioner Andy Amoroso

4. **AGENDA - Additions/Deletions/Reordering:**

5. **PRESENTATIONS:** (there is no public comment on Presentation items)

   A. 2015 Florida Lineman Rodeo

   B. Eden Place Neighborhood Association update

   C. Housing Partnership's support of NeighborWorks Week event by Jaime-Lee Brown

   D. Sunshine Law Overview

   E. Public Records Law Overview

6. **COMMISSION LIAISON REPORTS AND COMMENTS:**

7. **PUBLIC PARTICIPATION OF NON-AGENDAED ITEMS AND CONSENT AGENDA:**

8. **APPROVAL OF MINUTES:**

   A. City Commission Meeting - March 24, 2015
   B. City Commission Meeting - April 7, 2015
   C. City Commission Work Session - April 14, 2015
   D. City Commission Special Meeting - April 21, 2015
   E. City Commission Meeting - April 21, 2015

9. **CONSENT AGENDA:** (public comment allowed during Public Participation of Non-Agendaed items)

   A. Ratify the appointment of members to various City advisory boards

B. First amendment to agreements with Ashbritt Environmental and Ceres Environmental for disaster debris removal and disposal services

C. Purchase Orders with Rechtien International, Inc. and Pat's Pumps and Blowers, Inc. for a new truck chassis and vacuum body through the Florida Sheriff's Cooperative Purchase contract

D. Authorize the cooperative purchase agreement with the Florida Sheriff's Association for the purchase of tires and related services

E. Final plat map application for the Lucente Townhomes project located on the southeast corner of 2nd Avenue North and North J Street

10. PUBLIC HEARINGS:

A. Ordinance No. 2015-02 - Second Reading and Second Public Hearing - amend the Comprehensive Plan to include a water supply plan and amend various elements

B. Resolution No. 16-2015 - declare 21 properties as surplus and directing the method of sale

C. Resolution No. 17-2015 - designate five trees located in the Cultural Plaza as historic

11. UNFINISHED BUSINESS:

12. NEW BUSINESS:

A. Resolution No. 18-2015 - authorize the CDBG Interlocal Agreement for 11th Avenue South greenway project

B. Resolution No. 19-2015 - submit an application for Fiscal Year 2016 CDBG funding to replace the Osborne Pavilion roof structure

C. Resolution No. 20-2015 - submit an application for Fiscal Year 2016 CDBG funding for improvements to Tropical Drive and Barton Road

D. Resolution No. 21-2015 - authorize a State Revolving Fund Loan for replacement of 2 inch steel water piping within the City

13. LAKE WORTH ELECTRIC UTILITY:

A. PRESENTATION: (there is no public comment on Presentation items)

1) Update on the electric utility system

B. CONSENT AGENDA: (public comment allowed during Public Participation of Non-Agendaed items)

C. PUBLIC HEARING:

D. NEW BUSINESS:

14. CITY ATTORNEY'S REPORT:

15. CITY MANAGER'S REPORT:

A. May 19, 2015 draft Commission agenda

16. ADJOURNMENT:

If a person decides to appeal any decision made by the board, agency or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. (F.S. 286.0105)

NOTE: ONE OR MORE MEMBERS OF ANY BOARD, AUTHORITY OR COMMISSION MAY ATTEND AND SPEAK AT ANY MEETING OF ANOTHER CITY BOARD, AUTHORITY OR COMMISSION.

2015
FLORIDA
LAKE WORTH

2015 Florida Lineman Competition

April 17-18, 2015

Tallahassee, FL

Carlos Diaz
Cory Johnson
Chris Paris
Bill Zimmer
Willie Castillo
Scott Sprinkle
Sam Jackson
Mike Castillo

To: Michael B.

CITY OF LAKE WORTH
7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015, Regular Meeting **DEPARTMENT:** City Clerk

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EXECUTIVE BRIEF

TITLE:
Eden Place Neighborhood Association Update

SUMMARY:
Mr. Mark Pickering, Eden Place Neighborhood Association President, will advise the Commission on activities in the neighborhoods.

BACKGROUND AND JUSTIFICATION:
At the City Commission meeting on July 20, 2010, the City Commission requested that all neighborhood associations provide an update. The last update from the Eden Place Neighborhood Association was on April 1, 2014.

MOTION:
Not applicable

ATTACHMENT(S):
Fiscal Impact Analysis – not applicable

Rich Cultures, Strong Communities

Schedule of Events
Saturday, June 6, 2015
John Prince Park, Lake Worth

Housing Partnership, Inc., (a 501-c3) celebrates NeighborWorks Week 2015 by inviting the Lake Worth community to a fun family event. Families and residents will enjoy a day of arts, literacy, music, education, and activities recognizing the rich cultures and strong Lake Worth community.

9:00 a.m. – 10:30 a.m.

- Set Up
- Vendor Arrival with Event Items
- Artist Set Up
- Banner Set Up
- Community Resources Set Up

Need: 5-10 volunteers that can assist with set up

11:00 a.m. – 2:00 p.m.

- Lunch Served
- Artists Live Creating/Competition
- Children's Art Banner
- Community Resources Village
- Book Raffle
- Family Games
- Lake Worth Family's Success Story
- Presentation of Lake Worth Catalytic Grant
- Fan Favorite for Artist Competition
- Judging Panel for Artist Competition
- Prizes for Artist Competition and T-Shirt Winner

Need: 15-20 volunteers that enjoy facilitating the literacy and family fun activities with children

2:00 p.m. – 3:00 p.m.

- Clean Up
- Vendor Retrieval of Event Items
- Artist Clean Up
- Community Resources Clean Up

Need: 5-10 volunteers that can assist with clean up

CITY OF LAKE WORTH
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SUNSHINE LAW PRESENTATION

May 5, 2015

Glen J. Torcivia, City Attorney

Torcivia, Donlon, Goddeau & Ansay, P.A.
701 Northpoint Parkway, 209
West Palm Beach, FL 33407
(561) 686-8700
glen@torcivialaw.com

Overview:

- Florida's Sunshine Law, primarily section 286.011, Florida Statutes, provides a right of access to state and local governmental meetings.

- Right is also referenced in Article I, section 24 of Florida Constitution.

- Applies to any gathering, whether formal or casual, of two or more members of the same board, committee or the Commission, in which they discuss a matter which will foreseeably come before that board, committee or commission for action.

- The courts have extensively interpreted the law to apply to more than just the final decision making body; it applies to each board and committee involved in the decision making process.

Basic Requirements of Sunshine Law:

- **Meeting must be open to the public.**
  - Public can attend, record and videotape.
  - Inaudible discussions should be avoided.

- **Reasonable notice of the meeting must be given.**
  - Varies based on facts and board involved.
  - Agenda and all agenda items not required to be noticed.

- **Minutes must be recorded and made available for inspection.**
  - No requirement for content of minutes.
  - Draft minutes (prior to official approval) are available for inspection.

Basic Requirements of Sunshine Law (continued):

- Section 286.0114, Florida Statutes (effective October 1, 2013), added requirement for public participation.
  - Public must be provided with **reasonable opportunity to be heard prior to final action** (but not at every stage of decision).
  - Reasonable rules of decorum still apply.
  - Exceptions:
    - Emergencies
    - Ministerial acts (approval of minutes or proclamation)
    - Quasi-judicial meetings

Basic Requirements of Sunshine Law (continued):

Section 286.012, Florida Statutes, entitled, "Voting requirement at meetings of governmental bodies", **requires each committee, board and Commission member who is present at a meeting to vote**.

- Exception - Does not apply if there is, or appears be, a possible conflict of interest:
  - Under section 112.311, 112.313 or 112.3143, Florida Statutes (Florida's Code of Ethics); or,
  - Under more stringent local ethic rules (Palm Beach County's Ethics Code).

- Member must disclose conflict consistent with applicable ethics rule(s).

Sunshine Law:

- **Applies to**:
  - City Commission.
  - All City boards/committees (even if only advisory):
    - Planning and Zoning
    - Historic Resources Preservation
    - Bid/Proposal Evaluation Committees
    - Tree Board
    - Financial Advisory Board
    - EUAB
    - Library Board
    - Pension Boards
    - Retirement Boards.

Sunshine Law:

- **Applies to**:
  - Newly elected board, committee or Commission member who has not yet been sworn in to office.
  - Individuals used to convey messages between board members ("conduits").
- **Applies at**:
  - Neighborhood Associations' candidate debates if:
    - Two or more current board members present; and,
    - They debate issue(s) foreseeably coming before their board for action.

Sunshine Law:

- **Does not apply to**:
  - Staff meetings
  - Meetings between the Mayor (or one Commissioner) and the City Manager, the City Attorney and/or staff.
  - Meetings of two or more board, committee or Commission members where matters discussed will not foreseeably come before their board, committee or the Commission for action.
    - Dinners together
    - Travel together
    - Attend the same party together

Sunshine Law:

- **Does not apply to**:
  - Pure fact-finding activities:
    - Strictly information gathering and reporting.
    - Cannot eliminate any information/options.
    - Recently prohibited for final decision making body.
  - Candidates for office (not currently serving).
  - Members of different boards (e.g., Commissioner can meet with Planning & Zoning board member).

Sunshine Law Exemptions:

- Statutorily created by Florida Legislature.
- Must be strictly followed.
- Under the Open Government Sunset Review Act of 1995, newer exemptions:
  - Must serve a public purpose and be sufficiently compelling.
  - Are subject to review/repeal every five years.

Sunshine Law Exemptions:

- **Closed session on pending litigation**:
  - Must request session in public meeting;
  - Must be to discuss settlement negotiations or strategy related to litigation expenditures;
  - City Commission, City Manager, City Attorney and Court Reporter attend; and,
  - Transcript becomes public record upon conclusion of litigation.

Sunshine Law Exceptions:

- **Collective bargaining strategy sessions**
  - City Manager, City Attorney and City Commission only.
  - No recording required.
- **Competitive solicitations**
  - Presentations/discussions with respondents.
  - Negotiations strategy meetings of evaluation committee.
  - Must be recorded.

Sunshine Law Cure:

- **If concerned with possible violation, conduct public meeting to "cure":**
  - Meeting must be held in accordance with Sunshine Law.
  - Meeting must be independent and final action.
  - Meeting must not ratify or ceremonially accept action.
  - Meeting must be full and frank discussion and disclosure.
  - Meeting must re-examine all issues.
- "Cure" meeting is not a guarantee fix.

Sunshine Law Enforcement:

- **Criminal Penalties**:
  - "Knowing" violation is misdemeanor and cause for removal or suspension from office.
  - Non-criminal infraction is subject to fine (up to $500).
- **Civil Action to Enforce**:
  - If violation shown, City liable for costs and attorney's fees.
  - Action is **void ab initio**.

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Thank you

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CITY OF LAKE WORTH
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PUBLIC RECORDS PRESENTATION

May 5, 2015

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Overview:

- Florida's Public Records Act, Chapter 119, Florida Statutes, provides a right of access to state and local government records as well as to records of private entities acting on their behalf.

- This right of access is also recognized in Article I, section 24 of the Florida Constitution.

- The only exception to the right of access are those established by law or by the Constitution (i.e., exempt and/or confidential information).

Scope of the Act:

- Provides the right of inspection and copying of all "public records".

- "Records" include, but are not limited to, documents, letters, photographs, videos, audio recordings, texts, e-mails, reports and other materials (including some draft documents).

- To be a "public record", it must be made or received pursuant to law or ordinance or in connection with the transaction of official business and used to perpetuate, communicate or formalize knowledge.

Note: Just because a "record" may be found at City Hall or on a City computer, it may not be a "public record".

A Request and the City's Response:

- A request does not need to be in writing and background information on the requester is NOT required.
  - The City uses a form to facilitate requests.
  - Use of the form by a requester is optional.
- The records custodian, which includes all city personnel who have control of or access to the requested records, is responsible for responding to a public records request.
- Requests seeking records from more than one department are coordinated with the Records Manager, Debbie Andrea, to ensure such requests are promptly addressed consistent with the law.

A Request and the City's Response:

- The City's response time must be "reasonable". "Reasonable" may be based on:
  - Size of the request.
  - Amount of time necessary to retrieve the records; redact any exempt material; and/or, make copies.
  - Other conditions existing at time of request.

- If the requested records contain exempt information, the City must advise the requester of the basis for its refusal to release the exempt information.

- Exempt information must be removed (redacted) from the requested records and the remainder of the record (if any) released.

A Request and the City's Response:

- In response to a public records request, the City is not required to:
  - Create a record to respond to a request;
  - Reformat records to respond to a request; or,
  - Answer questions.

- The Freedom of Information Act (FOIA), 5 U.S.C. § 552, applies to records of the executive branch of the federal government and is not applicable to the City.

- The City disposes of public records in accordance with the retention schedules of the Florida Department of State Division of Library and Information Services.

A Request and the City's Response:

- Material that the City claims is exempt must be based on an exemption provided in Florida Statutes or the Florida Constitution.

- Newer exemptions governed by Open Government Sunset Review Act and are subject to five year review/repeal.

- Common City exemptions are:
  - Social security numbers
  - Home addresses and telephone numbers of certain personnel (e.g., HR personnel; code enforcement officers and magistrates; law enforcement officers; and, city manager)
  - City security systems and building records
  - Attorney work-product (imminent or pending litigation)
  - Medical information

A Request and the City's Response:

- Common City exemptions (continued):
  - **Sealed bids, proposals or replies received in response to a competitive solicitation**
    - Exempt until the City provides notices of an intended decision or 30 days after opening bids, proposals or final replies (whichever is earlier)
    - If City **rejects** all bids, proposals or replies, they remain exempt until:
      - Notice of intended decision; or,
      - 12 months.
  - Exception: Sealed bids for construction – name of bidder and amount of bid are disclosed at public bid opening.

Fees:

- Fees for public records requests to the City are charged in accordance with Florida Statutes as supplemented by the City's code/policy.

- Typical fees include:
  - Copying charges (15 cents per 8 ½ x 11 page)
  - Certified copy ($1 per certified page)
  - Other charges are for the actual cost of duplication (e.g., cost of DVD; cd; photographs; oversized documents; etc.).

- Section 2-10.5 of the City's code, authorizes the statutory "special service charge" to be assessed in addition to copying and actual duplication costs.

Fees:

- Under section 2-10.5, the "special service charge" is assessed if:
  - the request requires extensive use of IT resources, clerical assistance or supervisory assistance; AND
  - such extensive use is for more than one (1) hour of staff time per request.

- The City may require an **advanced deposit** for anticipated copying charges, the special service charge and other costs.
  - The advance deposit is typically just an estimate of costs.
  - If the actual costs are more, additional costs must be paid.
  - If the actual costs are less, the City will return the additional amount paid.

Remedies to Enforce Public Records Law:

- Civil action for the public records.
  - Plaintiff must be able to show request was received by the City.
  - If violation is shown, City liable for attorney's fees and costs of the Plaintiff.
- Criminal penalties for violating the law.
  - Intentional violation is misdemeanor and cause for removal or suspension from office.
  - Un-intentional violation is non-criminal infraction (fine up to $500).

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Thank you

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MINUTES
CITY OF LAKE WORTH
REGULAR MEETING OF THE CITY COMMISSION
MARCH 24, 2015 – 6:00 PM

The meeting was called to order by Mayor Triolo on the above date at 6:00 PM in the City Commission Chamber located at City Hall, 7 North Dixie Highway, Lake Worth, Florida.

1. ROLL CALL:

Present were Mayor Pam Triolo; Vice Mayor Scott Maxwell; and Commissioners Christopher McVoy, Andy Amoroso, and Ryan Maier. Also present were City Manager Michael Bornstein, Assistant City Attorney Christy Goddeau, and Records and Information Manager Deborah Andrea.

2. INVOCATION:

The invocation was offered by Ted Brownstein, Baha'i Faith of Lake Worth.

3. PLEDGE OF ALLEGIANCE:

The pledge of allegiance was led by Commissioner Andy Amoroso.

4. AGENDA - Additions/Deletions/Reordering:

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner McVoy to waive the rules to:

- Reorder Consent Agenda, Item A to New Business as Item A – Contract with four companies for City fleet maintenance services;
- Reorder Consent Agenda, Item B to New Business as Item B – Contract with five companies for City fleet parts and accessories services;
- Reorder Consent Agenda Item C to New Business as Item C – Contract with five companies to supply and deliver fuel for the City's Fleet Maintenance Division;
- Add to New Business, Item D – Cancel the Invitation to Negotiate ITN No. 14-211 City of Lake Worth Beach Complex, Casino Building Vacant Space, and Municipal Pool; and
- Approve the agenda as amended.

Comments/requests summaries:

1. Assistant City Attorney Goddeau explained the Invitation to Negotiate (ITN) process and commented that the Selection Committee had an evaluation meeting on March 31, 2015, followed by a public meeting to make their recommendation. She said if the Section Committee made their recommendation on March 31, 2015, it would have to be an add on to the Commission's April 7, 2015, meeting because of the agenda distribution deadline.

2. Commissioner McVoy commented that there was a certain skepticism in the community about the Casino Building. There were plans to have public meetings about the Casino Building plans in the community, but there were none. He said he was told that the ITN was about renting the Casino Building's upper level. He requested the process be open.

3. Mayor Triolo commented that the ITN issue was brought to the Commission, and the elected officials were told about the process. All of the elected officials were present, and all agreed.

4. Vice Mayor Maxwell commented that there was a condominium association meeting last night and Hudson Holdings did not talk about the ITN.

5. Commissioner McVoy commented that he was present at the condominium association meeting and heard Hudson Holdings talk about the ITN.

6. Mayor Triolo explained that the Selection Committee vetted all ITN proposals. A public meeting on the issue would be scheduled after the Selection Committee was finished. She said she looked forward to seeing the proposals.

7. Mayor Triolo asked the Commission to allow the members of the Selection Committee to do their jobs.

8. Commissioner Amoroso commented that the next Selection Committee meeting was on March 31, 2015. After that a public meeting with the Committee and public would then being scheduled. The issue would then be brought before the Commission.

9. City Manager Bornstein explained that the Casino Building included the area between the building and pool, pool area, and green space.

Vote: Voice vote showed: AYES: Vice Mayor Maxwell and Commissioners McVoy and Maier. NAYS: Mayor Triolo and Commissioner Amoroso.

5. DESIGNATE APPOINTMENTS:

A. Vice Mayor and Vice Mayor Pro Tem

Action: Motion made by Commissioner Maier and seconded by Commissioner McVoy to appoint Commissioner McVoy as Vice Mayor.

Vote: Voice vote showed: AYES: Commissioners McVoy and Maier. NAYS: Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso.

Action: Motion made by Commissioner Amoroso and seconded by Vice Mayor Maxwell to appoint Commissioner Maxwell as Vice Mayor.

Vote: Voice vote showed: AYES: Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso. NAYS: Commissioners McVoy and Maier.

Action: Motion made by Commissioner Maier and seconded by Commissioner McVoy to appoint Commissioner McVoy as Vice Mayor Pro Tem.

Vote: Voice vote showed: AYES: Commissioners McVoy and Maier. NAYS: Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso.

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to appoint Commissioner Amoroso as Vice Mayor Pro Tem.

Vote: Voice vote showed: AYES: Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso. NAYS: Commissioners McVoy and Maier.

B. Various organizational appointments:

1) Metropolitan Planning Organization liaison

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to appoint Mayor Triolo as the Metropolitan Planning Organization's liaison.

Vote: Voice vote showed: AYES: Mayor Triolo, Vice Mayor Maxwell, and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

2) Palm Beach County League of Cities liaison

Action: Motion made by Commissioner Amoroso and seconded by Commissioner McVoy to appoint Vice Mayor Maxwell as the Palm Beach County League of Cities' liaison.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

3) Treasure Coast Regional Planning Council liaison

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner McVoy to appoint Commissioner Maier as the Treasure Coast Regional Planning Council's liaison.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy and Maier. NAYS: Commissioner Amoroso.

4) Florida Municipal Power Agency liaison

Action: Motion made by Commissioner McVoy and seconded by Vice Mayor Maxwell to appoint Commissioner McVoy as the Florida Municipal Power Agency's liaison.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

5) Downtown Cultural Alliance liaison

Action: Motion made by Commissioner McVoy and seconded by Commissioner Maier to appoint Commissioner Maier as the Downtown Cultural Alliance's liaison.

Vote: Voice vote showed: AYES: Commissioners McVoy and Maier. NAYS: Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso.

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to appoint Commissioner Amoroso as the Downtown Cultural Alliance's liaison.

Vote: Voice vote showed: AYES: Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso. NAYS: Commissioners McVoy and Maier.

6) Community Redevelopment Agency liaison

Action: Motion made by Commissioner Amoroso and seconded by Vice Mayor Maxwell to appoint Commissioner Amoroso as the Community Redevelopment Agency's liaison.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy and Amoroso. NAYS: Commissioner Maier.

7) Lake Worth Sister City Board liaison

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to appoint Commissioner Maier as the Lake Worth Sister City Board's liaison.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy and Amoroso. NAYS: Commissioner Maier.

8) Neighborhood Association Presidents' Council liaison

Action: Motion made by Commissioner Maier and seconded by Commissioner McVoy to appoint Commissioner Maier as the Neighborhood Association Presidents' Council liaison.

Vote: Voice vote showed: AYES: Commissioners McVoy and Maier. NAYS: Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso.

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to appoint Mayor Triolo as the Neighborhood Association Presidents' Council liaison.

Vote: Voice vote showed: AYES: Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso. NAYS: Commissioners McVoy and Maier.

6. PRESENTATIONS:

A. Board of Trustees Employees' Retirement System update

Pete Strong, Actuary for the Board, commented that the funded ratio was up, market value was about $33.2 million, and there was $2.1 million in gains. In comparison to other cities, Lake Worth was slightly below average, but was improving. He said the City's contribution into the System should decrease if the market stayed smooth.

B Neighborhood Association Presidents' Council update

Jon Faust, President, provided an update on the meetings held with speakers; raising $4,000 for neighborhoods; organized the raft race and said they were working on this year's theme; applied for and received money from two grants, and three more grants would be applied for; American Flags were collected and a banquet held for veterans; reported on all of the things they supported; and said they had a bier garten during Evenings on the Avenue.

7. COMMISSION LIAISON REPORTS AND COMMENTS:

Vice Mayor Maxwell: said he went to Tallahassee about the City's request for $7.5 million in State appropriation funds and was looking for a positive response from them for Boutwell Road and the Park of Commerce projects.

Commissioner McVoy: announced Mangrove trees were being planted along the Intracoastal Lagoon, said permits to cut Mangroves were issued, some of the Mangroves were cut, and asked for any requests to cut Mangroves be brought before the City Tree Board and City Commission; and said he wanted to give a "Shout Out" to the lifeguards for their quick action at the beach.

City Manager Bornstein announced that the lifeguards would be recognized during a Commission meeting.

Commissioner Amoroso: announced the Easter Egg Hunt at Bryant Park, Evenings on the Avenue, art show, Wizard of Oz sing along for children at the Lake Worth Playhouse, Movie Nights in the Plaza, Parrot Cove Home Tour, and Earth Day events. He said volunteers for junior lifeguards and the new visitor center were needed. He said City greenway projects were being funded with Community Development Block Grant (CDBG) money, said he served on a committee to get more funds, and asked for discussion about CDBG funds to be scheduled at a Commission work session meeting. He commented that he was working on grants with the Community Redevelopment Agency (CRA), they received $500,000 in Catalyst Grant Funds because of the City's partnership with the CRA, was working on a $200,000 Palm Healthcare Foundation grant, and said he would inform the Commission and public on where the funds would be used. He commented that work had begun on the dais to offer small business loan benefits to new businesses.

Commissioner Maier: said he had been a liaison to the community at large since January by going door to door, the beach was the primary issue on everyone's mind, and asked for a more open process.

Mayor Triolo: asked for the new visitor's center to have WiFi, announced the Metropolitan Planning Organization's meeting was cancelled; and said she and a group of individuals went to Tallahassee asking for grant money, thanked the group for going, said work done by staff set the City up to go after as much State funds as possible with "shovel ready" projects, and commented that the process to get "shovel ready" projects should have been done years ago. She said she made a presentation before the State's Transportation Committee, this was the first time the Committee vetted its meetings based on priority needs, and Lake Worth was second. The Committee spoke about getting funds for Boutwell Road and Park of Commerce and said she was hopeful good news would be coming.

8. PUBLIC PARTICIPATION OF NON-AGENDAED ITEMS AND CONSENT AGENDA:

The following individuals spoke on various issues; however, they did not write anything on their comment cards: Barbara Jean Webber, Katie McGiveron, Peter Timm, Helena Guile, Loretta Sharpe, Greg Rice, Peggy Fisher, Susan Ona, Retha Lowe, John Szerdi, Paul J. Martin, and Jon Faust.

The following individuals spoke on issues written on their comment cards:

Ted Brownstein explained that the interfaith network was a collection of faith-based groups wanting to bring people together. They were involved with the

Martin Luther King, Jr. breakfast, National Day of Prayer, and Service of Gratitude on Thanksgiving events.

Rick Riccardi congratulated Commissioners McVoy and Maier on winning the election; thanked Commissioner Amoroso for his report; said new businesses would not come to the City unless the City relaxed its codes; and asked for something to be done to get prostitutes off the streets, Dixie Highway to be cleaned up, and valet parking on Lake Avenue.

Lynn Anderson congratulated Commissioners McVoy and Maier for being reelected and elected, asked for trust to be restored and demand transparency, and wanted the downtown building heights kept lower.

Comments/requests summaries:

1. Commissioner Amoroso commented about changing the pictures currently on the website.

2. Commissioner Amoroso commented that use of the “N” word was not acceptable and said he would not tolerate racism.

3. Vice Mayor Maxwell commented that he would never use the “N” word; was disgusted when he heard about someone using the “N” word in the Commission Chamber; and said that if he heard that word, the individual would be kicked out.

4. Vice Mayor Maxwell commented that he did not understand why people could not see the racism in this City, said he saw a distribution list of individuals receiving racist email, and asked for ugliness on blogs to stop.

5. Vice Mayor Maxwell commented that he had not seen an opinion from the Inspector General’s Office on Sunshine Law. He said he was tired of lies being said, wanted the City to move forward and better people’s lives, and requested someone come to the City and explain the Sunshine Law.

6. Vice Mayor Maxwell commented that if lies from the Commission were being said he would stop the meeting and call the individual on it.

7. Commissioner McVoy commented that the community wanted transparency and wanted to know about major decisions being made by the City. The community wanted to hear about issues early in the process and for the Commission to listen to them.

8. Commissioner McVoy commented that he would be cautious about calling people racists.

9. Commissioner McVoy commented that he did not have a clear understanding about what the Commission could and could not do, how many Commissioners could and could not attend neighborhood association meetings, asked if it was good policy for the Commission to meet together behind locked doors for dinner prior to a meeting, and said he did not think the Commission should meet together unless they were "on the dais."

10. Mayor Triolo commented that she disagreed with Commissioner McVoy's comments and that the only time he brought up the issue of eating together was three weeks before the election. She explained that the simple reason the Commission had dinner together was because they were coming from work and did not have time to eat. She asked the Commission to come together because when they looked bad they did not come together for Lake Worth. She said the City was finally getting funding, was doing "cool" things for the community, and asked the Commission to keep it going.

Mayor Triolo left the meeting at 8:01 PM and passed the gavel to Vice Mayor Maxwell.

Comments/requests summaries:

11. Commissioner Maier commented that the individual who said the "N" word in the Commission Chamber should have been ejected from the room. He said he was an advocate for civil rights and was gay. Moving forward, he said he hoped that the idea about use of the "N" word not being tolerated would be embraced.

12. Commissioner Maier commented that the Commission held to a higher standard regarding the Sunshine Law. It was about setting the bar higher, not being inconvenienced. The Commission represented the people and gave up their rights to private lives. He said he wanted to be the best run, most transparent City there was.

13. Commissioner Maier commented about adopting an ordinance to protect residents from noise.

9. <u>APPROVAL OF MINUTES:</u>

<u>Action:</u> Motion made by Commissioner McVoy to request the February 17, 2015, minutes be amended to reflect that he was flying to Tallahassee because of his concern about Sunshine issues and because all of the elected officials were driving up together in a van. He asked for the minutes to clarify this as his reason for flying. The motion was not seconded.

Action: Amended motion made by Commissioner McVoy and seconded by Commissioner Amoroso to request the City Clerk listen to the audio and provide a verbatim on the February 17, 2015, minutes regarding Commissioner McVoy's comments about his travel to Tallahassee.

Vote: Voice vote showed: AYES: Vice Mayor Maxwell and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

Action: Motion made by Commissioner McVoy and seconded by Commissioner Amoroso to approve the following minutes as amended.

A. City Commission Work Session – February 10, 2015
B. City Commission Meeting – February 17, 2015
C. City Commission Special Meeting – February 23, 2015

Vote: Voice vote showed: AYES: Vice Mayor Maxwell and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

10. CONSENT AGENDA:

A. (Reordered to New Business as Item A) Contract with four companies for City fleet maintenance services

B. (Reordered to New Business as Item B) Contract with five companies for City fleet parts and accessories services

C. (Reordered to New Business as Item C) Contract with five companies to supply and deliver fuel for the City's Fleet Maintenance Division

11. PUBLIC HEARINGS:

There were no Public Hearings items on the agenda.

12. UNFINISHED BUSINESS:

There were no Unfinished Business items on the agenda.

13. NEW BUSINESS:

A. (Formerly Consent Agenda, Item A) Contract with four companies for City fleet maintenance services

Jamie Brown, Public Services Director, provided an overview of the Fleet Division. He explained in detail about all of the equipment maintained by the Division, that supervisors made decisions about maintenance, and money charged to each department for services and fiscal impact. He said there were compliance issues and there was a need to have contracts in place to

get equipment fixed. He said there was a need to have contracts with various companies for maintenance services. He said the cost for maintenance increased as the fleet aged. He commented that the City was getting the best prices because the request for services went out to bid.

Mayor Triolo returned to the meeting at 8:14 PM.

Action: Motion made by Commissioner Amoroso and seconded by Mayor Triolo to approve a contract with The Lake Worth Auto House, Tiresoles, Inc. (DBA Elpex), Unique Auto Detailing, and General GMC.

Vice Mayor Maxwell announced that this was the time for public comment.

Peter Timm said there would be a cost involved and the people paying for those costs should be told.

Comments/requests summaries:

1. Commissioner Maier asked if the contracts were in the City's forecasted budget and why the term of the contract was three years.

   Nerahoo Hemraj, Finance Director, replied that staff planned in advance to make sure there were enough funds to replace equipment. The request was to approve the procurement. He commented that the budget reflected the cost for this contract. The three year term would lock in prices for three years to capitalize on today's prices.

2. Commissioner Maier commented that the contract allowed for prices to increase. He suggested a one year contract. He said there was disparity in the contract regarding subcontractors.

   Assistant City Attorney Goddeau replied that subcontractors could not be used unless they were approved by the City. She said the wording was a technical issue which would be tweaked in the future.

3. Commissioner Maier said the contract referred to a construction manager. He asked if the City had a construction manager.

   Mr. Brown replied that the City had one project manager.

Joann Golden said staff should be trained not to idle the equipment because it was not good for the environment and not good for fuel, asked if there was a need for more staff, and suggested staff be more concerned with the City's vehicles.

Comments/requests summaries:

4. Commissioner McVoy asked if staff looked into the financial difference between outsourcing this service or providing it in-house. He commented that he hoped the Fiscal Year 2016 budget process included a comparison between staffing versus outsourcing and comparing the funding to other fleet departments.

   Mr. Brown replied that there were not enough staff to perform all of the services. He said there were some services that could not be performed in-house, commented that there were some sole source contracts, and staff could still "price shop" between the vendors.

5. Mayor Triolo suggested a Commission work session meeting to discuss environmentally friendly alternative equipment. She commented that over the past several years, the Public Services Department lost 56 staff due to budget constraints.

6. Commissioner Maier requested the motion be amended to approve the contracts with the cleanup language he mentioned and was acknowledged by staff as needing to be changed.

Action: Amended motion made by Commissioner Amoroso and seconded by Mayor Triolo to approve the contracts with changes regarding subcontractors and changing the word "construction manager" to "project manager" with The Lake Worth Auto House, Tiresoles, Inc. (DBA Elpex), Unique Auto Detailing, and General GMC.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

Mayor Triolo resumed the gavel.

B. (Formerly Consent Agenda, Item B) Contract with five companies for City fleet parts and accessories services

Jamie Brown, Public Services Director, explained that the five contracts provided for fleet part and accessory supply and delivery services. Each contract had an initial term of three years with the option for two additional one-year period renewals for a total possible contract of five years. He said the City was not adding anything new, the money was already budgeted, and these contracts would just bringing things into compliance.

Action: Motion made by Commissioner Amoroso and seconded by Commissioner Maier to approve the contracts with changes regarding subcontractors and changing the word "construction manager" to "project manager" with Precision Auto and Truck Parts (DBA NAPA), The Parts House (TPH), Total Truck Parts, Tiresoles of Broward (ELPEX), and Uni-Select USA.

Mayor Triolo announced that this was the time for public comment. No one from the public commented.

Comment/request summary:

1. Commissioner McVoy suggested the vendors guarantee that the parts would be available. He suggested amending the motion to include language that the vendors would guarantee, during an emergency, that parts would be available to the City as a higher priority than others, and that they would not charge the City a different rate during the emergency.

   City Manager Bornstein replied that guarantee language could be added to the contracts.

   Assistant City Attorney Goddeau commented that the contracts would have to go back to the vendors to add contractual, substantive language that was not part of the Request For Proposal; however, the risk was that they could decline.

Action: Amended motion made by Commissioner Amoroso and seconded by Commissioner Maier to approve the contracts with Precision Auto and Truck Parts (DBA NAPA), The Parts House (TPH), Total Truck Parts, Tiresoles of Broward (ELPEX), and Uni-Select USA with the following: 1) changes regarding subcontractors; changing the word "construction manager" to "project manager"; and adding language that, during emergencies, the vendors would guarantee the parts would be available to the City as a higher priority, and not charge the City a different rate.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

C. (Formerly Consent Agenda, Item C) Contract with five companies to supply and deliver fuel for the City's Fleet Maintenance Division

Jamie Brown, Public Services Director, explained that the contracts provided for the supply and delivery of fuel. Each contract had an initial term of two years with the option of three additional one-year period renewals for a total possible contract of five years. He explained that the City currently purchased its fuel through a cooperative purchasing agreement with the State of Florida. The cooperative agreement was an effective method to purchase fuel; however, issues arose with the quality of service and timeliness of delivers. He announced that there would be an overall cost savings realized with the purchase of fuel through these contracts.

Action: Motion made by Commissioner Amoroso and seconded by Commissioner Maier to approve a contract with BV Oil, Mansfield Oil, Palmdale Oil, SSI, and Indigo Energy for the purchase and delivery of fuels.

Comments/requests summaries:

1. Commissioner McVoy suggested changes to the contract to include language that the vendors would guarantee fuel prices and delivery during a state of emergency.

2. Assistant City Attorney Goddeau advised that these contracts allowed for subcontractors as identified in their bid proposals. She commented that she would have to research whether or not there was language regarding the construction manager in the contracts.

3. Mayor Triolo requested the same guarantee language during emergencies be added to the contracts.

Action: Amended motion made by Commissioner Amoroso and seconded by Commissioner Maier to approve a contract with BV Oil, Mansfield Oil, Palmdale Oil, SSI, and Indigo Energy for the purchase and delivery of fuels with the added language that the vendors would guarantee fuel prices and delivery during emergencies.

Mayor Triolo announced that this was the time for public comment. No one from the public commented.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

Mayor Triolo recessed the meeting at 8:56 PM and reconvened at 9:05 PM.

D. (Added) Cancel the Invitation to Negotiate ITN No. 14-211 City of Lake Worth Beach Complex, Casino Building Vacant Space, and Municipal Pool

Commissioner Maier said he requested this item be added to the agenda because he heard a lot of public concerns. He commented that the Invitation to Negotiate (ITN) was not in the best interest of the City. He explained that the ITN allowed for the submission of multiple proposals for an unknown amount of development on the City's public beach. There was a grave, public concern about the process taking place out of the public's eye. The City's purchasing and procurement code stated, "an Invitation For Bid, Request For Proposal, Invitation to Negotiate, or other competitive selection procedure utilized may be cancelled in whole or in part, when it was in the best interest of the City."

Action: Motion made by Commissioner McVoy and seconded by Commissioner Maier to cancel the Invitation to Negotiate.

Mayor Triolo announced that this was the time for public comment.

Mayor Triolo read the comment card written by Leona Jacques. Ms. Jacques wrote that one of the charms of Lake Worth was the public beach, weddings, parties, and family events. [She wrote that] she enjoyed the beach for years.

Joan Farrel, said she wanted to go on record to say that she wanted the public beach to remain public.

Diane Jacques said she was dead set against any effort to privatize the beach.

Cathy Robinson said she was concerned about over development on the beach without public input. She said there was not enough parking at the beach.

Loretta Sharp said she wanted to know about a meeting attended by Commissioner McVoy. She explained that the City could not sell any part of the beach and did not think anyone would build anything on the beach because it would have to be turned over to the City. She said she did not know why Commissioner McVoy was shocked by the “cone of silence” that the ITN was currently under.

Katie McGiveron commented that she was shocked when she found out Hudson Holdings was going to build something at the beach. From the comments heard by residents, they were not reliable. She said it cost $1.5 million to get rid of the last company at the beach. She asked who brought up the issue of a private beach club and how dare the City hold secret meetings.

Dan Barnett asked about Sunshine Laws being followed. He said he learned tonight that there might have been a reason for the private meetings. He said he did not want a private club at the beach, money was flowing to the top, and Hudson Holdings could buy up everything unless they were stopped.

Carolyn Deli asked for the beach to be kept open to all.

Erica Bell commented that public opinion should be sought.

Mayor Triolo read the comment card written by Laurence McNamara. Mr. McNamara wrote that the citizens wanted to keep it the way it was and not destroy the natural ambiance of [residents’] beach park.

Mayor Triolo read the comment card written by Ginny Powell. Ms. Powell wrote [that she was] concerned about the plans for the beach.

Mayor Triolo read the comment card written by Patricia Weisman. Ms. Weisman wrote [that she was] concerned about the plans for the beach.

Laurel Decker asked the Commission to take their hands off the beach. The ITN was not a good idea for the beach. She said she thought the Beach Fund had a $4 million balance in 2008 and Parking Fund revenues increased 65% since an ordinance to increase fees was approved. She commented that the beach should be able to pay for itself.

Mayor Triolo read the comment card written by Gael Silverblatt. Ms. Silverblatt wrote that she thought the ITN was flawed because the City Commission did not vote on sending it out before staff released it.

Mayor Triolo read the comment card written by Tennant Davitian. Ms. Davitian wrote [that she was] against building on the beach further.

Mayor Triolo read the comment card written by Rebeka Gibble. Ms. Gibble wrote [asking the Commission to] be sure to give the public time for comments and to keep Lake Worth funky.

Steve Ellman asked for information on who gave direction and when the Commission was brought into the loop. He commented that the advertisement was minimal, wanted to know why the City only received three responses to the ITN, and knew one local entrepreneur who did not know anything about the ITN.

Peter Timm said he did not hear about the “cone of silence” and he attended both meetings when the ITN was discussed. He said no one should hold secret meetings. He asked why two newspapers knew about the issue before the public did and what else Hudson Holding would be asking for.

Cara Jennings commented that the Commission’s job was to set policy, not the City Manager. She said she thought the City Manager overstepped his boundary. She asked when the Commission voted for the ITN, said anyone who supported the ITN was out of touch, and supported cancelling the ITN tonight.

Peggy Fisher said the Commission should let the ITN continue. The members on the Selection Committee had not yet brought anything to the Commission. The pool was losing money, and the City could not make its Casino Building debt payments. She suggested doing something proactive and get someone into the Casino Building space.

Rick Riccardi supported cancelling the ITN tonight.

John Szerdi said, as a former Commissioner, he had a lot of information. The

original Request for Proposal had a lot of problems, and the responders did not want to fix them. He commented that the golf course was the same and would not be a private club.

Joann Golden asked where the ITN came from. She said she was confused, read the minutes, did not understand how there could have been a do over with a motion, the meeting was held on election day, and the information was under the Purchasing Division's website.

Roseann Malakee said she knew the City wanted to reopen the Gulfstream Hotel, but Hudson Holdings did not want to fix it. Hudson Holdings made a comment, during a condominium association meeting, that they did not want to fix the Gulfstream Hotel, and that fixing it depended on what happened with the ITN. She said Hudson Holding's comment was just a ploy. She said the City did not make the right decisions in the 1980s about the historic district.

Greg Rice said he was confused because the motion was to cancel the ITN not about a conference center at the beach. He said cities should not be landlords or in the real estate business.

Richard Stowe supported cancelling the ITN and said he thought the City could work on a better plan.

Comments/requests summaries:

1. City Manager Bornstein explained that when staff got the Casino Building opened, it was with the hope that there would be another lease for the upstairs level. He said the City was having trouble with the pool and staff was trying to get a realtor to bring in tenants at the Casino Building. Many people brought in their ideas, but nothing serious. Staff thought that the ITN process would bring out the most creative ideas instead of a Request for Proposal where everything was written out. He said that, part of his job, was to bring ideas to the Commission and did not think the ITN would blow up the way it had. He released the ITN with the City Attorney's knowledge that the issue would be brought to the Commission. He said he met with the Commissioners, but no Commissioner ever came to him and asked for it.

2. Commissioner McVoy commented that he was trying to connect some of the pieces. The ITN was brought forward because the Casino Building was not making money; however, the area was a park and not supposed to make money. Hudson Holding said that, when they had an idea set, they would bring it to the City was not the way to do things. This issue had to be a truly, public comment and choosing a process without the community was not the way to go. He said everyone loved the Gulfstream Hotel and wanted it fixed. Hudson Holding stated that what they did at the Gulfstream Hotel was connected to what they did at the beach. He supported shutting down the ITN process and starting over.

3. Mayor Triolo said she wanted to know if Hudson Holdings was part of this process at the time the process began. There was an assumption about something before the process was completed.

4. Commissioner McVoy commented that he was not making an assumption, but heard it from Hudson Holdings. He said he was shocked that the ITN was under a cone of silence.

Commissioners McVoy and Maier withdrew their motion and second.

Action: Motion made by Commissioner McVoy and seconded by Commissioner Maier to extend the meeting one hour in accordance with the Commission's Rules and Procedures Rule 1(3).

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

Action: Motion made by Commissioner McVoy and seconded by Commissioner Maier to cancel the Invitation to Negotiate.

Comments/requests summaries:

5. City Manager Bornstein commented that staff understood that, while the City was not making money at the Casino Building, it still was a commercial venture.

6. Vice Mayor Maxwell commented that the Commission never voted to prioritize the Lake Worth beach, nor would he ever vote to sell the beach. The building was a commercial enterprise that needed to pay for space. He said he did not know who bid on the ITN. If someone was selected, through the ITN process, they would have the same relationship as the other building tenants. He commented that he did not know why everyone thought the City was selling or privatizing the beach. The Charter stated, "..city-owned property…shall not be declared surplus property and shall not be sold, hypothecated, conveyed or leased, except for a lease of less than 20 years, without an affirmative vote of the qualified electors…" The ITN was a legal process, and to circumvent the process was wrong. He commented that he spoke about the Casino Building's failed business plan and said the only reason parking fees were increased was because there was going to be a cut in the number of lifeguards. Nothing was being done to the beach and no one would do anything against the Charter. The Commission was charged with the task of trying to fix problems. The City had money in the past, but squandered it. The City could not afford to lose any more money.

7. Mayor Triolo stated, for the record, that she did not know where this issue came from. She commented that the Commission should come together and

make sure the Selection Commission had discussion at a public workshop.

Assistant City Attorney Goddeau replied that the Selection Committee needed to have a meeting, then it would be brought to the Commission. The Selection Committee would make their recommendation. The Selection Committee would be meeting on March 31, 2015, with just the members and without the responders. The purpose of that meeting was to find out what to do.

8. Commissioner McVoy commented that if the process went forward, no responders could sue the City and put taxpayer money at risk. He said he wanted to shut down the process and start over; however, he wanted an assurance from the City Attorney that the responders could not sue the City.

   Assistant City Attorney Goddeau replied that the responders should not have any expectation because the Selection Committee could not sign a contract.

9. Commissioner Maier commented that he wanted the ITN cancelled and brought up the issue about building height limits. He said he knew the beach would still make money. In the best case scenario, the golf course would make $700, yet the City supported that but not the beach. This was a public beach and the ITN process was not the way to go.

10. Commissioner Amoroso commented that he believed Commissioner McVoy went on a blog and stated that he knew about the ITN. According to the City Attorney, the cone of silence applied to all of the Commission. He explained that he was appointed to the Selection Committee by the Commission and the Casino Building's business plan was flawed. The building did not work and its expenses and revenue should, at least, break even. He said he was concerned about a Commissioner going public with information about the ITN. At no time did the Commissioner ever bring a plan forward on what to do with the space. He thanked staff for bringing this issue forward.

11. Mayor Triolo commented that everything was done in public and wanted the ITN process to move forward, then have the issue discussed at a work shop meeting.

<u>Vote</u>: Voice vote showed: AYES: Commissioners McVoy and Maier. NAYS: Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso.

Comments/requests summaries:

12. Mayor Triolo requested a workshop meeting be scheduled and allow public comment. She asked that the time lime for comments be extended to three minutes.

13. City Manager Bornstein suggested the Selection Committee members bring the issue and their recommendation to a work session.

14. Commissioner McVoy asked if the backup material would include what was proposed or just the Selection Committee's recommendation. The community wanted to see all of the proposals, fully and completely.

15. Mayor Triolo announced that all of the Selection Committee records would become public on April 2, 2015.

Consensus: To schedule a Commission work session to discuss the ITN proposals.

14. LAKE WORTH ELECTRIC UTILITY:

A. CONSENT AGENDA:

There were no Lake Worth Electric Utility Consent Agenda items on the agenda.

B. PUBLIC HEARING:

There were no Lake Worth Electric Utility Public Hearing items on the agenda.

C. NEW BUSINESS:

1) Blanket Purchase Orders with three companies for various poles for inventory usage throughout Fiscal Year 2015

Action: Motion made by Commissioner Amoroso and seconded by Commissioner McVoy to approve Blanket Purchase Orders from Electric Supply in an amount not to exceed $36,305 for concrete poles; Robbins Manufacturing in an amount not to exceed $48,995 for various wood poles; and Langdale Forest Products in an amount not to exceed $18,500 for wood poles.

Mayor Triolo announced that this was the time for public comment. No one from the public commented.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

2) Contract with Luthan Electric Meter Testing, LLC for instrument transformer testing throughout Fiscal Year 2015

Action: Motion made by Commissioner Amoroso and seconded by Commissioner McVoy to approve a contract with Luthan Electric Meter Testing, LLC in an amount not to exceed $78,408 for instrument transformer testing.

Mayor Triolo announced that this was the time for public comment. No one from the public commented.

Comments/requests summaries:

1. Mayor Triolo asked if the meters were being replaced.

   Joel Rutsky, Revenue Protection Supervisor, replied that 300 of the 600 meters available would be replaced. There were no additional meters being purchased.

2. Commissioner Maier commented that the contract was signed by the vendor; however, the certificate of liability insurance was not provided.

   Clay Lindstrom, Electric Utility Director, replied that it was industry standard not to provide the certificate of liability insurance until the contract was awarded.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

15. CITY ATTORNEY'S REPORT:

Assistant City Attorney Goddeau announced the City Attorney's desire for advice concerning pending litigation in the case of Clear Channel versus City of Lake Worth Case No. 502011CA005726XXXXMB during a closed door attorney/client session at 5 PM on April 7, 2015. Those in attendance would be the Mayor, Vice Mayor, City Commissioners, City Manager, City Attorney, and a Court Reporter. The estimated length of the session was 45 minutes.

16. CITY MANAGER'S REPORT

A. April 7, 2015 – draft Commission agenda

17. ADJOURNMENT:

Action: Motion made by Commissioner McVoy and seconded by Commissioner Maier to adjourn the meeting at 10:47 PM.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

_____
PAM TRIOLO, MAYOR

ATTEST:

_____
PAMELA J. LOPEZ, CITY CLERK

Minutes Approved: May 5, 2015

A digital audio recording of this meeting will be available in the Office of the City Clerk.

MINUTES
CITY OF LAKE WORTH
REGULAR MEETING OF THE CITY COMMISSION
APRIL 7, 2015 – 6:00 PM

The meeting was called to order by Mayor Triolo on the above date at 6:00 PM in the City Commission Chamber located at City Hall, 7 North Dixie Highway, Lake Worth, Florida.

1. ROLL CALL:

Present were Mayor Pam Triolo; Vice Mayor Scott Maxwell; and Commissioners Christopher McVoy, Andy Amoroso, and Ryan Maier. Also present were City Manager Michael Bornstein, City Attorney Glen Torcivia, and City Clerk Pamela Lopez.

2. INVOCATION:

The invocation was offered by Pastor Charley Westbrook, First Baptist Church.

3. PLEDGE OF ALLEGIANCE:

The pledge of allegiance was led by a member of the Boy Scouts.

4. AGENDA - Additions/Deletions/Reordering:

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to waive the rules to:

- (Reorder Consent Agenda, Item B to New Business as Item C) Resolution No. 12-2015 – declaration of intent to abandon a portion of a 10 foot utility easement and schedule the public hearing date for April 21, 2015; and
- Approve the agenda as amended.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

5. PRESENTATIONS:

A. Proclamation declaring April 12-18, 2015 as National Library Week

Mayor Triolo read a proclamation declaring April 12-18, 2015, as National Library Week.

B. Recognition of Lake Worth Lifeguard Chief Tim Ehmke and Lifeguards Doug Yoakum and Nicholas Merelli for their actions on March 19, 2015

Mayor Triolo read Certificates of Recognition to Lifeguard Chief Tim Ehmke and Lifeguards Doug Yoakum and Nicholas Merelli.

Lifeguard Chief Ehmke explained that on March 19, 2015, on an unguarded portion of the Town of Palm Beach's beach located just south of Lake Worth's beach and lifeguard coverage zone, the City's lifeguards were alerted to a potential drowning situation. Lifeguard Doug Yoakum immediately started Cardiopulmonary Resuscitation (CPR) on the patient. Mr. Yoakum was assisted by Lifeguard Chief Tim Ehmke and Lifeguard Nicholas Merelli.

C. City Tree Board update

Richard Stowe, Board Chairperson, provided the Commission with an update on the Board's 2014 members and activities.

D. Bryant Park Neighborhood Association update

June Evans, President, provided an update on the Bryant Park Neighborhood Association's boundary; announced their election and bylaws would be discussed at their next meeting and a presentation on the history of Lake Worth would be provided; provided an update on their activities; and announced their Derby Day event on May 2, 2015.

E. Overview of the Fiscal Year 2015-2017 Palm Beach County Urban County Program and the Community Development Block Grant Program

Jerry Kelly, Grants Analyst, explained that the County received allocation of Community Development Block Grant (CDBG) funds from the US Department of Housing and Urban Development then distributed the funds locally to participating jurisdictions and entitlement cities in its Urban County Partnership program.

Carlos Serrano, Director of Strategic Planning and Operation from the Palm Beach County Department of Community Sustainability, explained in detail the application process for the City and distribution of funds. He commended the City Manager and staff for moving CDBG funded improvements along over the past several years. He explained the national objectives of the CDBG program.

Mr. Kelly explained the target boundary area, which was approximately one square mile. He announced an in depth discussion on eligible CDBG funding activities was scheduled on the April 14, 2015, City Commission Work Session. He said the County notified the City that its allocation would be $257,603.

6. COMMISSION LIAISON REPORTS AND COMMENTS:

Commissioner Maier: announced that, as the Commission's liaison, he would be attending the Treasure Coast Regional Planning Council's meeting next month and said he was the Commission's liaison to the Sister City Board; however, they did not meet.

Commissioner Amoroso: announced that the Gay Pride event was a huge success and thanked Compass and the Easter Egg Hunt event was great and thanked everyone involved. He announced Earth Day was in April and said the new Community Redevelopment Agency banners were being installed.

Commissioner McVoy: announced the Gay Pride parade and festival was a big success. He said he had been watching the Community Development Block Grant funded 5th Avenue North construction project, was impressed because the workers took a lot of pride in their work, and thanked the contractor. He thanked three pastors for attending this meeting and thanked everyone for attending the meeting to learn how government worked.

Vice Mayor Maxwell: said the Pride Fest was a great weekend and asked everyone to keep Ruth Dickenson, a longtime supporter of neighborhood associations, in your prayers because she was bedridden.

Mayor Triolo: commented that Pride Fest was amazing; said the Metropolitan Planning Organization cancelled their meeting; announced the Invitation to Negotiate (ITN) Beach Expansion public meeting was scheduled at 6 PM on April 28, 2015; and announced the April 14, 2015, and May 5, 2015, public meetings to discuss the water system replacement program funding.

7. PUBLIC PARTICIPATION OF NON-AGENDAED ITEMS AND CONSENT AGENDA:

The following individuals spoke on various issues; however, they did not write anything on their comment cards: Loretta Sharpe, Peter Timm, Katie McGiveron, Tennant Davitian, Mark Parrilla, John Szerdi, and Tammy Pansa.

The following individuals spoke on issues written on their comment cards:

Rick Ricardi complimented the City's trash pickup staff for being efficient, fast, and got the job done.

Jon Faust, on behalf of the Neighborhood Association Presidents Council, announced the 2015 Great Raft Race theme.

Mayor Triolo read the comment card written by Lawrence McNamara. Mr. McNamara wrote [asking if] other Lake Worth citizens found it shocking that City Attorney Christy Goddeau had suggested that she may be able to find a way around the beach charter amendment voted for to protect [the City's] beach against over development. [He wrote that] Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso must be complicit or she would not be suggesting this.

Comments/requests summaries:

1. Mayor Triolo commented that items being added to the agenda needed to be made with more notice.

2. Mayor Triolo commented that issues would not be debated by the Commission on the dais, as was done in the past, and said she would work shop any agenda item that had discussion beyond 30 minutes. Each Commissioner would be allowed one comment then one rebuttal or the item would be scheduled to a work session. She commented that Commission meetings were handled professionally.

3. Vice Mayor Maxwell commented that, according to Robert's Rule of Order, the only time to speak on an item was if there was an objection to the motion. The backup material for agenda items was available and, if the public had concerns about an issue, they could contact their elected officials.

4. Vice Mayor Maxwell commented that for many years he fought the City's challenges to bring in infrastructure, to bring in people, and to provide the same service to all. He apologized to those who misunderstood his comment at the March 24, 2015, Commission meeting on racism. He clarified that he did not say those who voted against the bond issue were racist, but those individuals who spearheaded against the bond.

5. Commissioner Maier commented that he requested the Invitation To Negotiate (ITN) item be added to the March 24, 2015, agenda on the Friday before the Tuesday meeting. He said he did not know why the request and backup material was brought forward two hours before the meeting. He apologized to the public for keeping people in the dark about his request to discuss the ITN, but rather wanted the issue added to the agenda to draw people to the issue. He said he was glad the information was now uploaded on the website. He commented that he did not agree with streamlining the process at Commission meetings because issues needed to be discussed. He said he did not want racism perpetuated and welcomed having further discussion in City Hall if it was needed.

6. Commissioner Amoroso clarified that the April 28, 2015, ITN meeting

was open to the public; however, no public comment would be allowed. The Selection Committee members requested this meeting because they had additional questions which were not answered. Afterwards, this issue would be scheduled before the Commission. He explained that the ITN meeting was fact finding.

7. Commissioner McVoy commented that there was a noticeable amount of people who said staff did not deal with them professionally. He said he heard from many in the community that they appreciated him asking questions on the dais and that he would continue to ask questions and challenge issues.

8. Mayor Triolo commented that the Commission should do their homework on agenda issues, bring any questions to the City Manager during their individual meetings so that staff could respond to them, and then still have discussion during the Commission meeting on why they agreed or disagreed with the item.

Commissioner Amoroso left the meeting at 7:34 PM.

Mayor Triolo recessed the meeting at 7:34 PM and reconvened at 7:49 PM.

8. <u>APPROVAL OF MINUTES:</u>

There were no Approval of Minutes on the agenda.

9. <u>CONSENT AGENDA:</u>

<u>Action</u>: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to approve the Consent Agenda, less Item B.

A. Resolution No. 11-2015 – accept $20,023 in Fiscal Year 2014-2015 State Aid to Libraries Program grant funds

City Attorney Torcivia did not read the following resolution by title only:

RESOLUTION NO. 11-2015 OF THE CITY OF LAKE WORTH, FLORIDA, APPROVING AND AUTHORIZING THE ACCEPTANCE OF GRANT FUNDS FROM THE FLORIDA DEPARTMENT OF STATE, DIVISION OF LIBRARY AND INFORMATION SERVICES FOR GRANT FUNDS PROVIDED THROUGH THE FISCAL YEAR 2014-2015 STATE AID TO LIBRARIES PROGRAM IN THE AMOUNT OF $20,023; PROVIDING FOR AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

B. (Reordered to New Business as Item C) Resolution No. 12-2015 – declaration of intent to abandon a portion of a 10 foot utility easement and schedule the public hearing date for April 21, 2015

C. Settlement Agreement with The Townhomes of Pineapple Ridge at Lake Worth, LLC and Best Built Construction, Inc.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

10. PUBLIC HEARINGS:

A. Ordinance No. 2015-02 – Second Reading and Second Public Hearing – amend the Comprehensive Plan to include a water supply plan and amend various elements

City Attorney Torcivia read the following ordinance by title only:

ORDINANCE NO. 2015-02 OF THE CITY OF LAKE WORTH, FLORIDA, ADOPTING A COMPREHENSIVE PLAN TEXT AMENDMENT BY INCORPORATING A WATER SUPPLY PLAN AND AMENDING THE FUTURE LAND USE ELEMENT, INFRASTRUCTURE ELEMENT, COASTAL MANAGEMENT ELEMENT, CONSERVATION ELEMENT, INTERGOVERNMENTAL COORDINATION ELEMENT AND CAPITAL IMPROVEMENTS ELEMENT; PROVIDING FOR SEVERABILITY, CONFLICTS AND AN EFFECTIVE DATE.

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to approve Ordinance No. 2015-02 on second reading.

Mayor Triolo announced that this was the time for public comment.

Jo-Ann Golden asked about the energy initiatives because the City did not do energy conservation; however, it was included in the ordinance. She asked that Mangrove trees along the intracoastal not be cut down without prior knowledge from the City.

Comment/request summary:

1. Commissioner Amoroso commented that energy conservation was left in the ordinance so that it could be brought back as an option in the future.

Lengthy discussion ensued regarding beach casino land use category, water use for landscaping, bringing any landscape ordinance changes to the City Tree Board, water conservation, reviewing the water supply to determine what the City would or would not be doing, and identify costs for water conservation.

Water Williams, Community Sustainability Director, explained that the Ordinance amended the Comprehensive Plan text to incorporate a water supply plan and amended the future land use element, infrastructure

element, coastal management element, conservation element, intergovernmental coordination element, and capital improvements element. He explained that changes to the Ordinance's Exhibit A, as suggested by the South Florida Water Management District (District), were incorporated.

Larry Johnson, Water Utility Director, explained that the District requested changes be incorporated prior to the adoption of the amendment. The changes were related to providing an explanation of the per capita rates and description for bulk purchase and/or sale of water. He explained in detail the requested changes.

Action: Amended motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to approve Ordinance No. 2015-02 with revisions to Exhibit A on second reading.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

11. UNFINISHED BUSINESS:

A. Update on the modified 7th Avenue South improvement design between A and F Streets

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to approve the modified 7th Avenue South improvement design between A and F Streets.

Mayor Triolo announced that this was the time for public comment.

Mark Parrilla, on behalf of Genesis Neighborhood Association, thanked Mayor Triolo, Vice Mayor Maxwell, Commissioners Amoroso and Szerdi, and City Manager Bornstein for using Community Development Block Grant funds in his community. He said he was told that there were no fund available for this project, thanked everyone, and thanked the elected officials for listening to residents.

Jamie Brown, Public Services Director, explained that this item was to update the Commission on a modified design of 7th Avenue South as a result of a meeting between staff and residents. He explained that the original design converted an existing unimproved shell rock right-of-way into a residential roadway consisting of two drive lanes, sidewalks, two bicycle lanes, drainage improvements, water main upgrades for water pressure and fire hydrant coverage, and stop signs and pavement striping.

He said residents in the area were displeased with the design and voiced their concerns at a meeting with staff. The new modified design included a one way westbound street with a meandering multi-use path on the north

side. The design added more green space and restricted traffic to west bound only. The new design addressed residents' concerns, added more green space and restricted traffic to westbound only. It also addressed staff's goal to improve drainage and beautification.

At the February 17, 2015, Commission meeting, staff brought forward an updated typical section drawing prior to beginning the redesign of the plans. At the direction of the Commission, staff was now bringing forward an updated set of plans for discussion.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

12. NEW BUSINESS:

A. Amendment No. 1 to Agreement with Mock, Roos & Associates to furnish Professional Services for Park of Commerce – Phase 1 Infrastructure Improvements

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to approve Amendment No. 1 to the Agreement with Mock, Roos & Associates to furnish Professional Services for Park of Commerce – Phase 1 Infrastructure Improvements for an increased fee of $62,830 and increased the contract time of 60 days.

Mayor Triolo announced that this was the time for public comment.

Peter Timm asked if the design phase would ever end or was the City just spending more money for design.

Loretta Sharpe said she did not see anything in the backup material about the design work. She supported improvements to the Park of Commerce and did not care how much money it cost.

City Manager Bornstein explained that the amendment would provide design changes to accommodate a revised right-of-way along Boutwell Road. The City would not have to acquire more land because of the new design, which would be a cost saving to the City.

Larry Johnson, Water Utilities Director, explained that staff had significant discussion with Mock, Roos & Associates about the amount of work needed for the changes, which would allow for a decrease in roadway acquisition. The cost of acquisition would have been more than the cost of this amendment.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

B. Employment Agreement with Michael Bornstein as City Manager

Action: Motion made by Commissioner Amoroso and seconded by Vice Mayor Maxwell to approve the continuation of City Manager services with Michael Bornstein.

Mayor Triolo announced that this was the time for public comment.

David Stewart said Mr. Bornstein had been with the City for three years, the Commission needed to listen the comments made from the public about grants, and said he heard from people about how great Lake Worth was doing. Former Lake Worth City Managers were compensated greater than his current salary, and the Commission needed to take care of their administrator.

Jon Faust commented that he was a downtown business professional, Downtown Jewel Neighborhood Association President, and Neighborhood Association Presidents Council President and that everyone had shown their support for Mr. Bornstein. He distributed a letter of support from the Neighborhood Association Presidents Council. He encouraged the Commission to support keeping Mr. Bornstein as City Manager.

Loretta Sharpe supported extending Mr. Bornstein's contract. She said she liked what he did with staff, staff's stress was gone, liked what he did with Code Enforcement, people were pleased with the way Lake Worth was growing, and the City's reputation had improved.

Herman Robinson said Commissioners came and went, but not the professional staff. He asked the Commission to give Mr. Bornstein the best contract.

John Deese said he was a small business owner and said staff from the Town of Lantana still talk about the things Mr. Bornstein taught them when he was their Town Manager. He commented that he had seen major improvements in the City under Mr. Bornstein.

John Szerdi said Mr. Bornstein had always supported the Commission, there was a need to get rid of the disincentives, he was proactive, had ideas on how to fix things, and was not afraid to bring those ideas forward. An Internal Auditor was hired, which made the City more efficient under Mr. Bornstein.

Ted Johnson commented that Mr. Bornstein was a tremendous asset to the City and said he hoped the Commission would do well to keep him retained.

Chip Guthrie said the current City Manager had the most positive effect, and

he raised the trust of the Commission. Mr. Bornstein delegated to his staff, he was approachable, and returned emails. He allowed Code Enforcement to hire more staff, worked on innovative ways to get the Casino Building opened, and was instrumental in bringing the Benzaiten Center for the Creative Arts to Lake Worth. He had the expertise, held the Town Manager position in Lantana, and saw Lantana become a stable, bedroom community.

JoAnn Golden commented that she had not seen any City Manager reports, which would be important to have. She said people felt there was a lack of transparency and there had been no City Manager evaluations. It was important for the City Manager to write reports so that people could learn what was happening before and not behind the scenes. She asked about the two inch water pipe replacement project, why streets were being torn up for a gas system, and had there been better coordination between departments, the water system replacement could have been done at the same time.

Lisa Maxwell said she was concerned about Lake Worth before Mr. Bornstein came here. In the past, there was an unfortunate series of Commissioners that were not competent to govern and City Managers who were not competent. The State was looking to take over the City. Mr. Bornstein offered new hope for the City. He came to the City because he wanted the challenge. He was available at Electric Utility Advisory Board meetings and communicated with board members. He was competent and said she supported extending his contract.

Mayor Triolo read from the comment card written by an individual named “C”. “C” wrote that Mike had been a welcomed addition to Lake Worth. [Residents] needed to extend his contract and [the City] needed a Public Information Officer to ensure facts were communicated instead of misinformation.

Peggy Fisher thanked Mr. Bornstein for helping the City for the past three years. She said she watched past Commissions’ do nothing, Community Development Block Grant funds not spent, and problems with the Community Development Corporation going on. Mr. Bornstein took the initiative and tried to solve problems. He was striving to make the City better rather than throwing out accusations. The fact was that Mr. Bornstein helped the City in many ways and recommended the Commission continue his contract.

Tammy Pansa commented that a person could be a good manager, but not a good leader. Mr. Bornstein was a good leader. He was personal, but got the job done. He took a volatile town and pulled out what needed to be done in the shortest amount of time. He attended all events. She said she appreciated the job he had done and hoped he would continue.

Mark Parrilla said he went through a tumultuous time with the former City Manager and was disrespected. In the past three years, he watched departments improve. There were big differences in the Customer Service area and Code Enforcement. He asked the Commission to renew Mr. Bornstein's contract and to give him something as an incentive. He thanked Mr. Bornstein for engaging the community and giving him respect.

Rick Riccardi encouraged the Commission to continue the employment with Mr. Bornstein. He was approachable and made him feel like his concerns were important. He asked the Commission not to allow anyone else to hire him away.

Greg Rice thanked Michael Bornstein's wife Deborah for allowing him to come to town. He said it was easy to complain, but when people were happy and content, they did not attend a meeting. If they were unhappy, people would come to protest and speak against something. Mr. Bornstein moved into Lake Worth, but a former City Manager did not. The City had regained respect because of Mr. Bornstein's connections. He knew what he was getting into when he came to Lake Worth. He asked the Commission to do what had to be done to keep Mr. Bornstein and continue the forward momentum.

Mary Lindsey thanked Mr. Bornstein for his service. It had been an absolute pleasure, joy, and productive three years. There was a time when the City had eight City Managers and now the City had stability. She said she worked with different neighborhoods through their associations, and Mr. Bornstein made their jobs much easier. She said Mr. Bornstein made the Commission and the City.

Comments/request summaries:

1. Commissioner Maier commented that Mr. Bornstein was well liked, friendly, and more easygoing than the previous City Manager. He said he was glad he was working with that type of quality and supported Mr. Bornstein as the City Manager. He said he would vote to renew his contract. There was a need to strive for the best for the City. There recently was an incident about City business not being done "in the light." A lot of people felt that a lot of City business was not being done "in the light." The previous City Manager's evaluation was grueling, while this process was pleasant.

2. Commissioner Amoroso said Mr. Bornstein was the best thing to happen to the City; his salary was the third lowest in the area; and he no longer needed an Assistant City Manager, which saved the City money.

Action: Amended motion made by Commissioner Amoroso and seconded by Vice Mayor Maxwell to increase Mr. Bornstein's salary $10,000; give him an additional one week of vacation; and approve the continuation of services with Michael Bornstein as City Manager.

Comments/requests summaries:

3. Commissioner McVoy commented that Mr. Bornstein added a "flavor to the City" since arriving three years ago. He was personable; however, he said there were concerns raised by citizens. Policies should be set by the Commission during public meetings so the public could see and the City Manager follow. He commented that he recognized issues may or may not be discussed, but Lake Worth was an engaged community with a range of views on which direction to go. He said he admired Mr. Bornstein for listening and understanding the variety of views. There was a need for progress in getting public input on a number of things. The City became ingrown and it was easy to forget that many residents did not attend meetings and their opinions not valuable. There was a need to reach out in anticipation of getting information out. He said he would vote to continue Mr. Bornstein's contract; however, he had a lot of hesitation about changing the composition of the contract because employees had not received a salary increase in seven years. There was a need to send out a signal that Lake Worth was a bit underpaid in all levels. The Commission may want to keep Mr. Bornstein's salary where it was. He supported giving Mr. Bornstein the extra week of vacation with the stipulation that he took it.

4. Vice Mayor Maxwell commented that he could not think of a time, in his professional career, where he saw so many people speak in support of extending a contract. The people who spoke did it from their hearts. Each comment from the public was different and he said he was awestruck by them. He commented that Mr. Bornstein was extremely positive. The difference between today and the past was that people respected Mr. Bornstein. He administrated with a lot of honesty and integrity. The last three years flew by for the City. The groundwork that needed to be covered and personnel he had to deal with was a whirlwind. He said evaluations should have been done. He commented that he was hesitant to second the amended motion to increase Mr. Bornstein's salary because other employees had not seen a raise. He asked the City Attorney and Human Resources Director to extend his contract for two years, pull the salary increase "off the table", and give him more time. He asked the maker to withdraw his motion and extend the contract for five years.

5. Commissioner Amoroso commented that he would not withdraw his motion. There was a need to lead by example, to start here, and to

figure out how to give staff raises. Some staff were top heavy. There was a need to give fair raises across the board. He said he wanted to leave the salary "on the table" and had no problem extending the contract for five years. He commented that Mr. Bornstein came to the City underpaid.

6. Vice Mayor Maxwell commented that Mr. Bornstein deserved the $10,000 salary increase, and challenged the Commission, during the budget cycle, to have discussion on what could be done to increase revenue, reduce expenses, and give salary increases to employees. He asked the Commission to come "to the table" with ideas to grow revenues and reduce expenses to achieve what Commissioner Amoroso wanted prior to going into the budget cycle.

Action: Amended motion made by Commissioner Amoroso and seconded by Vice Mayor Maxwell to extend Mr. Bornstein's contract five years; increase his salary $10,000; give him one additional week of vacation; and approve the continuation of services with Michael Bornstein as City Manager.

7. Mayor Triolo commented that she did not know anything about Mr. Bornstein except that he worked for the Town of Lantana. She then met with all of the City Manager candidates and found his answers to be profound. She appreciated Mr. Bornstein stretching her imagination. She could not get information on what was going on from the former City Manager and said she was a huge proponent of infrastructure. Mr. Bornstein was honest and had integrity, kindness, sensitivity, and a sense of humor. She commented that she was grateful he came to the City, and the City was now in a better place. She said she could not image the City without Mr. Bornstein as its partner. Staff had been "beaten down" prior to him coming. He engaged his staff and made great choices and decisions.

8. Commissioner McVoy commented that he was concerned about staff and the signal the Commission was sending by giving a salary raise to Mr. Bornstein. The City did not have any way to give salary raises to staff. He supported giving him more vacation time. He said the Commission could always come back and give him a salary increase after the employees were given a raise. He said he would support extending the contract for two or five years, but not the salary increase without giving something to the staff.

9. Vice Mayor Maxwell commented that this issue needed all five of the elected officials "on board" and in agreement. He said he hated to think that someone would vote against the contract because of a $10,000 salary increase. Everyone in the Chamber spoke highly of Mr. Bornstein and he said he did not want the Commission's vote to be split.

10. Commissioner Maier commented that he supported renewing the contract, but did not support the additional benefits. Staff did not get a raise, they were being removed, and there were vacancies that needed to be filled. Mr. Bornstein was doing an excellent job, but said he was not comfortable with the additional funding. He commented that he would vote against the motion.

11. Commissioner Amoroso commented that he would not amend his motion to remove the salary increase. The Commission had spoken for years about staffing. A lot of staff were fired, many had not received a raise since 2008, and a lot of things could have been done prior to 2008. He asked to call the motion.

Vote: Voice vote showed: AYES: Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso. NAYS: Commissioners McVoy and Maier.

Comment/request summary:

12. City Manager Bornstein commented that Lake Worth had been challenging. He said he could not have asked for better people to work with and could not say enough good things about his management staff. Staff made the City look good beyond its resources. All accomplishments were a team effort with his management staff. He said he jumped into this job with his heart and thanked the Commission and public for their kind words.

C. (Formerly Consent Agenda, Item B) Resolution No. 12-2015 – declaration of intent to abandon a portion of a 10 foot utility easement and schedule the public hearing date for April 21, 2015

City Attorney Torcivia did not read the following resolution by title only:

RESOLUTION NO. 12-2015 OF THE CITY OF LAKE WORTH, FLORIDA, DECLARING THE INTENT OF THE CITY COMMISSION TO CONSIDER THE ABANDONMENT OF A 10 FOOT UTILITY EASEMENT AS DESCRIBED IN DEED BOOK 1153, PAGE 228, PALM BEACH COUNTY, FLORIDA; SETTING A PUBLIC HEARING TO CONSIDER THE PROPOSED ABANDONMENT; PROVIDING AN EFFECTIVE DATE.

City Clerk Lopez explained that this item was removed from the Consent Agenda because the first WHEREAS clause referred to the location as the southeast corner of Boutwell Road and Seventh Avenue North. She said the location should have been Boutwell Road and 10th Avenue North.

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to change Seventh Avenue North to 10th Avenue North; approve amended Resolution No. 12-2015; and schedule the public hearing date for

April 21, 2015.

Mayor Triolo announced that this was the time for public comment. No one from the public commented.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

Mayor Triolo announced that her dog died from Canine Pneumonia and encouraged everyone to get their dog vaccinated.

13. LAKE WORTH ELECTRIC UTILITY:

A. PRESENTATION:

1) Update on the electric utility system

No one provided an update on the electric utility system.

B. CONSENT AGENDA:

There were no Lake Worth Electric Utility Consent Agenda items on the agenda.

C. PUBLIC HEARING:

There were no Lake Worth Electric Utility Public Hearing items on the agenda.

D. NEW BUSINESS:

There were no Lake Worth Electric Utility New Business items on the agenda.

14. CITY ATTORNEY'S REPORT:

City Attorney Torcivia announced his desire for advice concerning pending litigation in the case of Joseph Viera, et al versus City of Lake Worth, Case No. 502010CA000606XXXXMB during a closed door attorney/client session at 4:15 PM on April 21, 2015. Those in attendance would be the Mayor, Vice Mayor, City Commissioners, City Manager, himself, and a Court Reporter. The estimated length of the session was 45 minutes.

15. CITY MANAGER'S REPORT

A. April 21, 2015 – draft Commission agenda

City Manager Bornstein did not provide a report.

16. ADJOURNMENT:

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner McVoy to adjourn the meeting at 9:39 PM.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

_____
PAM TRIOLO, MAYOR

ATTEST:

_____
PAMELA J. LOPEZ, CITY CLERK

Minutes Approved: May 5, 2015

A digital audio recording of this meeting will be available in the Office of the City Clerk.

MINUTES
CITY OF LAKE WORTH
CITY COMMISSION
WORK SESSION
APRIL 14, 2015 – 6:00 PM

The meeting was called to order by Mayor Triolo on the above date at 6:00 PM in the City Commission Chamber, located at 7 North Dixie Highway, Lake Worth, Florida.

1. ROLL CALL:

Present were Mayor Pam Triolo; Vice Mayor Scott Maxwell; and Commissioners Christopher McVoy, Andy Amoroso, and Ryan Maier. Also present were City Manager Michael Bornstein and City Clerk Pamela Lopez.

2. PLEDGE OF ALLEGIANCE:

The pledge of allegiance was led by Vice Mayor Scott Maxwell.

3. UPDATES/FUTURE ACTION/DIRECTION:

A. Discuss proposed State Revolving Fund (SRF) Loan for replacement of 2" water lines throughout the City

Larry Johnson, Water Utilities Director, explained in detail the two inch steel water pipe timeline, failed piping, examples of water pipe breaks and break locations throughout the City, water quality problems for public health risks and water costs, needed access, and replacement of a 17 mile phasing plan. He commented that the replacement project would be constructed over a six year phased plan starting in District 4, and proceeding to Districts 3, 2, and 1 in that order.

He said the Commission directed staff to fund the improvements through water system revenue financing, which may include revenue bonds, bank loans, or a State Drinking State Revolving Fund Loan. He advised that the estimated engineering, construction, and financing costs for a six year project was $16.9 million. The remainder of funds would come from the Water System reserves.

The financing options included issuing a water utility revenue bond, increasing water rates, seeking a State Revolving Fund (SRF) loan, and/or using available reserves and reducing other planned capital piping projects. He said staff was proposing a State Revolving Fund loan because of its low 1-2% interest rate.

Andy Burnham, Burton & Associates, provided a financial analysis and management system summary comparing the SRF loan versus use of a

water utility revenue bond.

Lengthy discussion ensued regarding the roadwork required to move the replaced pipes from easements to roads in front of properties; coordinating with Public Services to address small infrastructure concerns where roadwork was required; benefits to paying off the loan within six years rather than deferring the payment until work was completed; needing the project; possibility that the City would not receive the SRF loan; the total number of miles in the water transmission system; aging larger piping not included in this program; cost to repair or patch roadwork; reasons for phasing the locations; reconsider scheduling District 1 improvements sooner; looking for other funding options to resurface roadwork; and asking why the issue was addressed and known in Fiscal Year 2005-2006, but nothing was done back then.

Mr. Johnson advised that a resolution to submit the loan application would be scheduled at the May 5, 2015, Commission meeting.

B. Discuss Fiscal Year 2015-2016 Community Development Block Grant Funding

City Manager Bornstein explained that the City was notified by the County that the City's Fiscal Year 2015-2016 Community Development Block Grant (CDBG) allocation was estimated at $257,603. Additionally, the City may be the recipient of a Special Area of Hope program allocation of $315,740. He said that the County had established a CDBG target area in the City that comprised one square mile in which the entitlement activities could be conducted.

Jerry Kelly, Grant Analyst, said that, over the past several years, CDBG funds were allocated towards roadways. He advised that the deadline to submit up to two applications to the County was May 4, 2015.

Lengthy discussion ensued regarding moving forward and using the funds for health, public safety, and safety around schools; holding meetings to solicit public input was a grant requirement; public meetings were held in Districts 1 and 2, which met the County's public input solicitation requirement; and scheduling another meeting to solicit public input.

Mr. Kelly explained in detail the City's allocation and the below eligible activities for the Commission to consider:

Roadway:

1. Tropical Drive from Palmetto to S Road and Barton Road from Andrew Redding to 12th Avenue South at an estimated cost of $661,000;
2. North F Street from 5th Avenue North to 10th Avenue North at an estimated cost of $502,000; and

3. 11th Avenue North from North L Street to North Dixie Highway at an estimated cost of $496,000.

Demolition:
1. Five residential properties at $7,000 each; and
2. Five commercial properties at $13,000 each for a total cost of $100,000.

Shuffleboard Center:
1. Improvements on the exterior at an estimated cost of $100,000.

Traffic calming:
1. Traffic calming with 25 speed bumps/bulb-outs at $4,000 each for a total cost of $100,000

Park projects:
1. Osborne Pavilion at an estimated cost of $60,000; and
2. Domino Park at an estimated cost of $35,000.

Lengthy discussion ensued regarding supporting infrastructure projects; traffic calming being high on the public's concern list; the need for a city-wide traffic calming plan; staying on track with life, safety projects like replacing windows at the Library, which were falling out; where the ideas for the activities came from and where was the public's opportunity to comment; proposing one roadway project and two inexpensive projects like painting homes with donated paint or planting trees to beautify the target area, which supported low to moderate income citizens, and allowed citizens to work together to lift up a district; and the need for positive reviews from the press.

Commissioner Amoroso left the meeting at 7:26 PM and returned at 7:30 PM.

Mr. Kelly advised that façade activities were allowed, but said he was not sure if planting trees on private property was allowed.

Jamie Brown, Public Services Director, explained that there was a need for "shovel ready, tangible projects" and that the City already had design plans ready for the roadway projects. He said the Shuffleboard Center project was also "shovel ready."

Lengthy discussion ensued regarding the public's need to see short range completed projects in every district in order to improve residents' lives; need for uplifting projects; and acquiring property at 713 South C Street for about $13,000 to develop a park.

City Manager Bornstein commented that the County gave the City a short deadline period to submit the applications; however, next year staff would allow enough time to plan for adequate eligible activities and vetting by the public.

Comments/requests summaries:

1. Vice Mayor Maxwell supported Tropical Drive and Osborne Pavilion.

2. Commissioner McVoy commented that if he could get a commitment from the Commission that they would address traffic calming, then he would support the Osborne Pavilion and purchasing land for a park or community garden.

3. Mayor Triolo supported the need for traffic calming.

4. Commissioner Maier supported improvements to the Shuffleboard Center if: 1) it was given back to the community; 2) it was incorporated into a community element and the lease issue readdressed so that the community benefited from the space; or 3) revenues were generated for use of the space.

5. Commissioner McVoy commented that the Commission seemed to be in agreement about applying for the Tropical Drive eligible activity.

6. Vice Mayor Maxwell commented that the Commission was committed to doing the right thing and bringing everyone up to par.

7. Mr. Kelly said he would contact the County about combining Osborne Pavilion and Domino Park into one eligible activity.

8. Commissioner Amoroso supported Tropical Drive and possibly combining Osborne Pavilion and Domino Park into one activity. He said if they could not be combined, then he supported Osborne Pavilion.

9. Mayor Triolo suggested scheduling a work session immediately after the budget process to determine what the community priorities were and where residents wanted the CDBG funds to go towards. She said a priority list could then be created.

Miscellaneous

Vice Mayor Maxwell announced that Ruth Dickenson had passed away today and asked the Commission to keep her and her family in their prayers.

4. ADJOURNMENT:

Consensus: To adjourn the meeting at 8:09 PM.

_____
PAM TRIOLO, MAYOR

ATTEST:

_____
PAMELA J. LOPEZ, CITY CLERK

Minutes Approved: May 5, 2015

A digital audio recording of this meeting will be available in the Office of the City Clerk.

MINUTES
CITY OF LAKE WORTH
CITY COMMISSION SPECIAL MEETING
APRIL 21, 2015 – 4:15 PM

The meeting was called to order by Mayor Triolo on the above date at 4:16 PM in the City Manager's Office, located at 7 North Dixie Highway, Lake Worth, Florida.

1. ROLL CALL:

Present were Mayor Pam Triolo; Vice Mayor Scott Maxwell; and Commissioners Christopher McVoy (arrived sometime during the closed door session), Andy Amoroso, and Ryan Maier. Also present were City Manager Michael Bornstein, City Attorney Glen Torcivia, and City Clerk Pamela Lopez.

2. CITY ATTORNEY ANNOUNCEMENT:

City Attorney Torcivia announced that, pursuant to Section 286.011(8) Florida Statutes, he desired advice concerning pending litigation in the case of Joseph Viera, et al versus City of Lake Worth, Case No. 502010CA000606XXXXMB.

He announced the following individuals would be in attendance: Mayor, Vice Mayor, City Commissioners, City Manager, himself, and a Court Reporter.

3. MAYOR ANNOUNCEMENT:

Mayor Triolo announced that pursuant to Section 286.011(8) Florida Statutes, the City Commission was commencing a closed door attorney-client session for the purpose of discussing the pending litigation. The estimated length of the session was approximately 45 minutes.

4. RECESS:

Mayor Triolo recessed the meeting at 4:17 PM.

5. RECONVENE:

Mayor Triolo reconvened the meeting at 4:59 PM.

6. ADJOURNMENT:

Action: Motion made by Commissioner McVoy and seconded by Commissioner Maier to adjourn the meeting at 4:59 PM.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

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PAM TRIOLO, MAYOR

ATTEST:

_____
PAMELA J. LOPEZ, CITY CLERK

Minutes Approved: May 5, 2015

MINUTES
CITY OF LAKE WORTH
REGULAR MEETING OF THE CITY COMMISSION
APRIL 21, 2015 – 6:00 PM

The meeting was called to order by Mayor Triolo on the above date at 6:00 PM in the City Commission Chamber located at City Hall, 7 North Dixie Highway, Lake Worth, Florida.

1. ROLL CALL:

Present were Mayor Pam Triolo; Vice Mayor Scott Maxwell; and Commissioners Christopher McVoy, Andy Amoroso, and Ryan Maier. Also present were City Manager Michael Bornstein, City Attorney Glen Torcivia, and City Clerk Pamela Lopez.

2. INVOCATION:

The invocation was offered by Pastor Leonce Estimable, Church of God Christian Fellowship.

3. PLEDGE OF ALLEGIANCE:

The pledge of allegiance was led by Commissioner Christopher McVoy.

4. AGENDA - Additions/Deletions/Reordering:

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to waive the rules to:

- Reschedule Approval of Minutes, Item B to May 5, 2015; and
- Approve the agenda as amended.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

5. PRESENTATIONS:

There were no Presentation items on the agenda.

6. COMMISSION LIAISON REPORTS AND COMMENTS:

Commissioner Maier: announced his attendance at the Treasure Coast Regional Planning Council meeting on April 17, 2015, and said the big issue which affected Lake Worth was discussion about the train horn noise. He said Lake Worth was not the only municipality experiencing the excess train noise, there was a new type of train engine that was louder than Florida East Coast's (FEC) older train, an FEC study on train noise found that the noise was within its range, a quick fix solution was to remove the number of

bells to make the horn quieter, and the City needed to petition the FEC and request the number of bells be removed to make them quieter because FEC said they were operating within the range. He commented that it was a lovely experience to see other cities having the same experience. He said All Aboard Train would have a station in West Palm Beach and they had the same horn, so noise would increase. He suggested writing an ordinance about the noise. He said the Metropolitan Planning Organization had put together staff and funding to change how the railroad crossings worked, which was the reason why train horns were blown. He announced that the Florida Greenway project and Lake Worth were abreast of initiatives to create greenways and bicycle lanes. He announced that beginning on May 1, 2015, grant funding applications for greenway projects could be submitted for 30 days. He said he was the liaison for the Sister City Board; however, the members did not meet.

Commissioner Amoroso: announced the Junior Lifeguard camp between July 1-29, 2015; thanked the lifeguards and all those who participated in a beach cleanup event; announced El Bodegon Supermarket would be moving into the old Publix Supermarket space on Lake Worth Road; announced his attendance at a greenway ribbon ceremony; said a $2,000 check was donated to a school from Reggae Fest proceeds; commented that the owner and staff of Callaros Restaurant walked around the downtown area while the owner pointed out the types of businesses in the area so that staff could better inform their customers on where to shop; commented that he was the host and coordinator of Earth Day, and the City Tree Board members would be giving trees away; announced a bird walk event on April 25, 2015; announced the Derby Day event would be held at South Shores Restaurant on May 2, 2015; announced the City's Amnesty Week between May 26-30, 2015, to put out an unlimited amount of bulk yard waste in preparation for hurricane season; announced a Hurricane Seminar would be held for the general public on May 21, 2015; announced a community cleanup event on the west side of town with the Community Redevelopment Area (CRA), Tropical Ridge Neighborhood Association, and Solid Waste Authority on May 30, 2015; thanked the Utilities Department for providing a mobile app to pay bills; and announced the CRA's Screen on the Green event at Bryant Park.

Commissioner McVoy: said he wanted to remind everyone about a 6:00 PM Invitation To Negotiate (ITN) Selection Committee public meeting at City Hall on April 28, 2015, to hear about the beach proposals. He said the public could listen, but not provide input. He asked if public comments could be allowed at the Selection Committee meeting.

Comments/requests summaries:

1. City Attorney Torcivia explained that the Selection Committee heard and discussed the proposals and would make a recommendation to the

Commission. The public could observe, but not comment. This item would be brought before the Commission, at which time, the public would have an opportunity to comment.

2. Mayor Triolo commented that she requested at the March 24, 2015, Commission meeting that the public comment time limit be extended from two to three minutes at the yet to be scheduled Commission Work Session. Afterwards, the item would be scheduled at a Commission meeting for action.

3. Commissioner McVoy commented that the Selection Committee worked under the auspices of the Commission and asked for the members to allow public comment.

4. Commissioner Amoroso explained that he was a member of the Selection Committee as the Commission's representative. The April 28, 2015, meeting was scheduled to talk with the proposers because the members were still in the negotiation phase of the process.

5. City Attorney Torcivia commented that the Selection Committee members could adopt their own rules, but the upcoming meeting was to have discussion and questions/answers. The public comment portion would be made at the Commission level.

6. Commissioner McVoy commented that there was a lot of community interest. He asked for a Commission meeting immediately after the April 28, 2015, Selection Committee meeting to serve as a venue for the community to comment. He requested this meeting be added to the Commission's calendar.

7. Mayor Triolo announced that she had requested a Work Session be scheduled, after the April 28, 2015, meeting to allow for public comment.

8. Commissioner Amoroso commented that a Work Session scheduled immediately after the Selection Committee's April 28, 2015, meeting may start as late as 9:00 PM. He asked if it was fair or mothers and children to be kept waiting that late for a Commission Work Session to begin.

9. City Attorney Torcivia explained that a bid selection committee generally did not accept public comment, but made recommendations to the Commission. The ITN Selection Committee was currently interviewing the proposers. What the ITN Selection Committee members were doing was not unusual. The members were ranking the bids. He commented that he could not think of a time when the public was allowed to comment when bids were opened.

10. Commissioner McVoy asked formally for a Commission Work Session immediately after the April 28, 2015, ITN Selection Committee meeting.

11. Vice Mayor Maxwell commented that the Commission had already made arrangements to schedule a Work Session to hear public input. The ITN issue was more sensitive, but there was a process which did not allow for public input. It was clearly and publicly stated that the Commission could not sell any part of the 19 acres at the beach, could not rent space for 99 years, and any comments made otherwise were a falsehood. He asked the public if they wanted to believe the law or not. Both Commissioners McVoy and Maier had publicly stated that the City could not sell the beach and people could believe what they wanted to believe. He announced that he believed in facts, and the beach could not be sold or privatized. He explained that what would be agreed upon through the ITN process would be no different than what the current tenants, who had private businesses, at the Casino Building had. He said he was tired of defending the fact that the City would not sell the beach.

12. Commissioner McVoy responded that he did not raise the issue of selling or privatizing the area. He said it was his understanding that there was a lot of interest in the community. If there was a meeting where a lot of public was attending then he asked to find a way, at that time when the public was gathered, to accept public comments. If the Commission did not agree to schedule a Work Session immediately after the April 28, 2015, meeting, then they must be against public input.

13. Mayor Triolo commented that it was ironic that this issue was being divisive at the beginning of their regular Commission meeting. The time for public comment on the ITN was at a Work Session, and the public's time to comment would be extended to three minutes. Commissioner McVoy was now asking for an additional meeting. She stated that a Work Session was already created.

<u>Commissioner McVoy (continued):</u> announced that he attended a Florida Earth Festival and held a solar demonstration in Boca Raton over the past weekend; and Delray Beach was having a High Water event on April 25, 2015, where chalk lines would be drawn to show sea rise level assumptions.

<u>Vice Mayor Maxwell:</u> commented that no one was against allowing public input or were opposed to transparency. He said he was sick of Commissioners using "framed sentences" such as "If the Commission did not agree to schedule a Work Session immediately after the April 28, 2015, Selection Committee, then they must be against public input." He commented that there would be an opportunity for the public to comment on the Invitation To Negotiate.

Commissioner Amoroso responded that the Selection Committee members think the April 28, 2015, meeting would be their last; however, there could be more meetings.

Vice Mayor Maxwell (continued): commented that none of the elected officials were privy to the Selection Committee members' discussions and announced that he would not be attending the April 28, 2015, Selection Committee meeting. He said he was interested in the Committee's recommendation and that he would base his decision on that recommendation. He commented that, because he would not be present at the Selection Committee meeting, he would not be present to hear the public's input if a Commission meeting was scheduled immediately afterwards. He asked the City Manager why no one responded to residents' phone messages about a power outage in District 1. He asked for a Work Session to discuss Code Enforcement, for the Palm Beach Sheriff Office to provide periodic reports at Commission meetings, and a standalone Work Session to brainstorm suggestions and recommendations on ways to generate new revenue, reduce expenses, and learn what was available as the budget processed moved forward.

City Manager Bornstein responded that he could not find out what phone number the residents had called about a power outage. He said there were not enough phone calls coming in to trigger System Ops. He commented that the Code Enforcement's process was being streamlined and staff was still working on the landlord/tenant process, which delayed scheduling a Work Session.

City Manager Bornstein responded that the Burton and Associates process would be rolled out during the Fiscal Year 2016 budget process. The process included walking the Commission through the various indicators with a lot of opportunities to discuss cuts with the results being shown "in real time." He commented that he was not sure there was a need to schedule a Work Session to brainstorm with the already tight Commission meeting schedules. The intent of the Commission was to bring their general ideas forward and have discussions. He said the tool used by Burton and Associate would provide information on the "what ifs" as quickly as the Commission came up with ideas, and would show the effects of those ideas. Discussion on different ways to fund items would come from Burton and Associate's tool. More information would come up naturally during the budget process.

Vice Mayor Maxwell (continued): commented that he disagreed with the City Manager's comments and that Burton and Associate's tool could be manipulated. He said he was looking for new ideas to generate revenues because people kept thinking that the City had money. He said he wanted to hear ideas because people did not want development, redevelopment, or investment to meet the City's financial obligations.

Commissioner Maier responded that he welcomed investment.

Mayor Triolo: announced the Education Council, which began over a year ago, started up again with various school principals to create an alliance. There was talk about the importance of a Voluntary Pre-Kindergarten (VPK) program because a lot of the 3rd Grade students being held back a grade did not attend VPK. Another idea from the Council was the lack of middle school late afternoon programs. Organizations had identified money to run and fund those types of programs; however, there was a need to find a church or other facility to host VPK and middle school programs. She commented that schools were excited about the programs and said many good things would be seen next year. She said she attended the Soccer Playoff and there were over 300 children in the program, which was great and funded through the City's budget. Announced that the Metropolitan Planning Organization had applied for money to pay for all railroad crossings in order to get "quiet zones" in the City. She said the application was done 2.5 years ago and Palm Beach County piggybacked along with Broward County.

7. PUBLIC PARTICIPATION OF NON-AGENDAED ITEMS AND CONSENT AGENDA:

The following individuals commented on various issues written on their comment cards:

Mary Watson said she opposed Hudson Holding's beach proposal and constructing a parking garage at the beach would threaten sea turtles and radically change the beach's footprint. She said making a statement that the pool would never make money was short sighted, cheated residents, and was fraudulent. The pool could attract swim meet teams.

Vice Mayor Maxwell read the comment written by Nancy Ericson. Ms. Ericson wrote that the City had a total lack of regard for the seniors along Lake Osborne Drive. Seniors who lived in the large senior complexes like Murry Hills had no way to get around, if they did not have a car. They deserved better, they paid taxes, and were totally ignored. [She wrote that] she was told the bus service along Lake Osborne Drive was stopped because enough people did not ride the bus. [She asked the City] to find funds, to look out for the welfare of its senior citizens even if it meant every person in Lake Worth would have a $2.00 tax added to their monthly utility bill for senior welfare. She attached a proposal for a suggested bus route along Lake Osborne Drive [to her written comments.]

Katie McGiveron commented that, at the last Commission meeting, there was a new standard for public comment. The Invitation To Negotiate audio said participants knew what they were doing, it would not be approved by

the public, that they wanted a certain outcome from the election, and snarky comments were made. She said the Commission should make the decision about the beach and not un-elected individuals. She asked about discussions being had outside the Sunshine Law.

Mayor Triolo read the comments written by Laurence McNamara. Mr. McNamara wrote that reading [City] Attorney Goddeau's statement that [the City] may be able to get around the 19 year 364 day limit Charter Amendment was shocking. As an attorney, she was aware of legislative intent. Courts gave great consideration to it where actions were proposed and taken that were opposed to that intent. The 2004 Beach Protection Charter Amendment was not a citizen initiative, but was placed on the ballot by a unanimous vote of the Commission to protect against private development at the beach and approved 9-1 by the voters. The intent of the Commission was very apparent and the support of the voters overwhelming. [City] Attorney Goddeau's statement showed her transparent attempt to subvert the will of Lake Worth citizens in favor of City Manager Bornstein, Mayor Triolo, Vice Mayor Maxwell, and Commissioner Amoroso's attempt to destroy [the City's] public beach park by allowing private development there. One of you three Commission members needed to join Commissioner McVoy and Commissioner Maier to reject this plan and represent the will of the people. Thank you for your attention and consideration.

The following individuals spoke on various issues; however, they did not write anything on their comment cards: Rick Riccardi, Peter Timm, Barbara Auble, and Peggy Fisher.

Mayor Triolo recessed the meeting at 7:32 PM and reconvened at 7:49 PM.

8. APPROVAL OF MINUTES:

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to approve the following minutes, less Item B as submitted:

A. City Commission Special Meeting – March 16, 2015
B. (Rescheduled to May 5, 2015) City Commission Meeting – March 24, 2015
C. City Commission Special Meeting – April 7, 2015

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

9. CONSENT AGENDA:

There were no Consent Agenda items on the agenda.

10. PUBLIC HEARINGS:

A. Resolution No. 13-2015 – abandon a portion of a 10 foot utility easement

City Attorney Torcivia did not read the following resolution by title only:

RESOLUTION NO. 13-2015 OF THE CITY OF LAKE WORTH, FLORIDA, ABANDONNING A 10 FOOT UTILITY EASEMENT AS DESCRIBED IN DEED BOOK 1153, PAGES 228, PALM BEACH COUNTY, FLORIDA; PROVIDING FOR RECORDING AND AN EFFECTIVE DATE

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to approve Resolution No. 13-2015 to abandon a 10 foot utility easement.

Mayor Triolo announced that this was the time for public comment. No one from the public commented.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

11. UNFINISHED BUSINESS:

There were no Unfinished Business items on the agenda.

12. NEW BUSINESS:

A. Resolution No. 14-2015 – authorize a Memorandum of Understanding with the County to submit a grant application to the US Dept. of Commerce, Economic Development Administration for infrastructure improvements in the Park of Commerce

City Attorney Torcivia did not read the following resolution by title only:

RESOLUTION NO. 14-2015 OF THE CITY OF LAKE WORTH, FLORIDA, APPROVING AND AUTHORIZING THE MAYOR TO EXECUTE A MEMORANDUM OF UNDERSTANDING BETWEEN PALM BEACH COUNTY AND THE CITY TO COORDINATE EFFORTS IN SECURING GRANT FUNDS FOR INFRASTRUCTURE IMPROVEMENTS TO THE LAKE WORTH PARK OF COMMERCE, APPROVING AND AUTHORIZING THE SUBMISSION OF AN APPLICATION TO THE U.S. DEPARTMENT OF COMMERCE, ECONOMIC DEVELOPMENT ADMINISTRATON FOR GRANT FUNDS PROVIDED THROUGH THE PUBLIC WORKS AND ECONOMIC DEVELOPMENT FACILITIES PROGRAM IN THE AMOUNT OF $1,400,000 FOR INFRASTRUCTURE IMPROVEMENTS IN THE PARK

OF COMMERCE; PROVIDING FOR AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

Action: Motion made by Commissioner Amoroso and seconded by Vice Mayor Maxwell to approve Resolution No. 14-2015 to authorize the Mayor to execute the Memorandum of Understanding and submit an application to the U.S. Department of Commerce, Economic Development Administration for $1,400,000 of grant funds.

Mayor Triolo announced that this was the time for public comment.

Peter Timm said he did not know what this item was about, how much money was being looked for at the Park of Commerce before he could figure out what he wanted to say. He said the Commission was stifling public comment.

Comments/requests summaries:

1. Mayor Triolo commented that there was a typographical extra period error in Section 2 that needed to be removed. She asked why Attachment 1 mentioned 200 jobs being created, but there was discussion in Tallahassee that 800 jobs would be created.

   Dolores Key, Economic Development Manager, replied that 200 jobs would be created in Phase 1. The 800 job creation number may have included Phase 2.

2. Mayor Triolo asked if there was a need to amend the poverty level.

   Ms. Key replied that the poverty level was in the presentation.

Ms. Key introduced Greg Vida from the County who was assisting the City with its grant. She explained that the grant only applied to projects that could create jobs, which would only apply to the Park of Commerce at this time. The Resolution authorized the submission of a $1,400,000 grant application for infrastructure improvements in the Park of Commerce. She said that, in accordance with the terms of a Memorandum of Understanding, the application would be made jointly with the County because the intersection of Boutwell Road and 10th Avenue North was under the auspices of the County. The County would provide technical assistance and would be responsible for reporting and accounting of the grant funding to the US Department of Commerce. She explained in detail the improvements included in Phase 1. She said that a criteria to apply for the grant was to have “shovel ready projects.”

She said that the Economic Development Administration grant, if awarded, would offset a portion of the $3.2 million City funds for Phase 1, in addition

to the request from the State Legislature for $4.5 million of grant funding.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

B. Resolution No. 15-2015 – request County to place Boutwell Road and 10th Avenue North intersection on their Capital Improvement Program for 2016

City Attorney Torcivia did not read the following resolution by title only:

RESOLUTION NO. 15-2015 OF THE CITY OF LAKE WORTH, FLORIDA, REQUESTING PALM BEACH COUNTY PLACE THE UPGRADED IMPROVEMENTS OF THE INTERSECTION FOR BOUTWELL ROAD AND TENTH AVENUE NORTH IN THE COUNTY'S CAPITAL IMPROVEMENT PROGRAM FOR 2016; PROVIDING FOR AN EFFECTIVE DATE

Action: Motion made by Commissioner McVoy and seconded by Vice Mayor Maxwell to approve Resolution No. 15-2015.

Mayor Triolo announced that this was the time for public comment.

Peter Timm said this item was for the 10th Avenue North County road and Boutwell Road City road. He said this was encompassed with the last agenda item and asked why it had to be a separate item.

William Waters, Community Sustainability Director, explained that the Resolution requested Palm Beach County to place upgraded improvements for the intersection of Boutwell Road and 10th Avenue North on their Capital Improvement Program (CIP) for 2016. The City was designing improvements to and around Boutwell Road in order to stimulate and support development within the Park of Commerce (Park). The City and County had jointly worked on the development of the Park for many years in order to attract regional business projects and create job opportunities for area residents. The City and County were currently working on the submission of a U.S. Economic Development Administration (EDA) grant to fund certain infrastructure improvements that would support the development of the Park. As the City's design for Boutwell Road progressed into construction, the need for improving the intersection increased. He said that the County had discussed making upgraded improvements to the intersection but the improvements were currently not included in their CIP. The proposed resolution sought to have the County place the upgraded improvements of the intersection in their CIP for 2016.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

C. Interlocal Agreement with Palm Beach County for the transfer of floating dock from Snook Islands to the Bryant Park Boat Ramp

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Maier to approve an Interlocal Agreement with Palm Beach County for the donation and transfer of a section of the Snook Islands' dock system to the Bryant Park Boat Ramp.

Mayor Triolo announced that this was the time for public comment.

Peter Timm asked if the City had any floating docks on the north side of the bridge and if the City was asking the County to remove them.

Dean Sherwin, on behalf of the Lake Worth Sailing Club, thanked the City for considering this item for boaters. He said he would like to see the Lagoon used more, and the Club was always available to provide input.

City Manager Bornstein explained that the agreement provided for the County to donate a portion of their dock system at Snook Islands and transfer it to the Bryant Park Boat Ramp. He said the new location would provide staging docks for boats using the ramp. He explained that moving forward with the agreement was the first step in transferring the floating dock to the boat ramp. The companion to this agreement was the next item on the agenda to award a contract with Vance Construction to perform the dock transfer work at no cost to the City.

Comment/request summary:

1. Commissioner Maier commented that he supported the agreement and wanted to do everything to protect Snook Islands. He said he heard that people did not like the Mangrove trees because they blocked people's view of the water. He said he hoped this item was not the first step in dismantling Snook Islands.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

D. Contract with Vance Construction to remove and transfer a portion of Snook Islands floating dock to the Bryant Park Boat Ramp

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner McVoy to approve a contract with Vance Construction for the transfer of a section of the Snook Islands dock system to the Bryant Park Boat Ramp.

Mayor Triolo announced that this was the time for public comment.

Peter Timm said the floating docks were being moved to support sailboats.

He asked how far out into the Lagoon the docks would go.

City Manager Bornstein explained that the contract would provide for the removal of a portion of the Snook Islands' dock system and transfer it to the Bryant Park Boat Ramp just south of the bridge at no cost to the City. He said Vance Construction was under contract with the County for another marine project located in the Lake Worth Lagoon. In exchange for the City allowing Vance Construction to use the north end of Bryant Park as a construction staging area, they would perform this dock transfer and all associated engineering and design services at no cost to the City.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

E. Adopt the Lake Worth Urban Forest Management Plan for the inventory of all trees located within the City

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner Amoroso to approve the adoption of the city-wide Lake Worth Urban Forest Management Plan.

Mayor Triolo announced that this was the time for public comment.

Peter Timm said Lake Worth had a lot of problems and now the City was paying someone to count trees. He said this was the silliest thing listed on the Commission's agenda. He asked "Who cared?" If someone was that interested, they could count the trees and not charge him.

Richard Stowe announced that the City Tree Board had reviewed the report and said many of the trees in the City were native.

Brian Volker, ESciences, explained that the City entered into an agreement with ESciences, Inc. to perform a city-wide Tree Assessment, Inventory Survey, and Management Plan as part of the City's responsibility to develop and adopt an Urban Forest Management Plan (Plan). He explained the benefit of trees, canopy analysis, tree inventory, method used to inventory, native versus nonnative trees, and recommendations.

Comments/requests summaries:

1. Commissioner Maier commented about the golf course having nonnative and evasive trees, which were providing habitat for a bald eagle. He asked for a more progressive plan to remove the scrub and nonnative evasive trees only after native trees were planted.

   Felipe Lofaso, Assistant Public Services Director, replied that staff was working on a policy manual for Commission consideration. He said

removing scrub and nonnative trees would be considered in the policy, which would be presented to the City Tree Board for their review.

2. Commissioner McVoy requested certain sections be rewritten prior to approval to allow for replacement of golf course trees and tree pruning. He suggested the Plan not be approved in order to allow for the rewrites. He requested including in the Plan the relationship between having a tree canopy to house property values, what trees were originally planted in Lake Worth, not removing scrub for ecology, and offered his assistance in the rewrite before it was formally adopted.

   Mr. Lofaso replied that the items suggested for inclusion would be in the policy manual and that the Lake Worth Urban Forest Management Plan would be used as a tool to create the manual.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

F. Notice to nominate five Cultural Plaza Ficus Trees as historic

Action: Motion made by Vice Mayor Maxwell and seconded by Commissioner McVoy to approve the notice to nominate five Cultural Plaza Ficus Trees as historic.

Mayor Triolo announced that this was the time for public comment.

Peter Timm said the City had trouble designating structures as historic and now wanted to designate trees. He commented that he was more interested in roads than trees.

Jo-Ann Golden supported the designation of the trees; said the City needed to know when Mangrove trees were cut; and the Ficus trees were not dangerous, were a part of the City, and were majestic.

Richard Stowe commented that the City Tree Board supported the designation of the trees, there was a discrepancy between the Board's letter of support and this item because the Board members were asked to designate two; however, staff was requesting five be designated.

Nancy Ericson said she remembered a time when hundreds of Fiscus trees were toppled down during a hurricane; however, none of the Palm trees went down.

David McGrew, Horticulturist Technician, explained that this was the first of a two part process to nominate and designate five one hundred plus year old trees as historic in the City's Cultural Plaza. If the Commission support

the historic designation, a public hearing would be scheduled on May 5, 2015, to render a decision on the recommended designations.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

13. LAKE WORTH ELECTRIC UTILITY:

A. CONSENT AGENDA:

There were no Lake Worth Electric Utility Consent Agenda items on the agenda.

B. PUBLIC HEARING:

There were no Lake Worth Electric Utility Public Hearing items on the agenda.

C. NEW BUSINESS:

1) Notification letter to Orlando Utilities Commission to extend the term of the purchased power agreement

Action: Motion made by Commissioner McVoy and seconded by Commissioner Amoroso to authorize the City Manager to execute a Notification Letter to Orlando Utilities Commission to extend the term of the Orlando Utilities Commission-Lake Worth Power Purchase Agreement for 2017.

Mayor Triolo announced that this was the time for public comment.

Peter Timm commented that there had been no information provided by the Electric Utility Advisory Board and said he thought there could only be two extensions. The City should be getting prices on what was available and what the City could and could not afford.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

14. CITY ATTORNEY'S REPORT:

City Attorney Torcivia provided the following report:

- Suggested reordering the agenda to have the Commission Liaison Reports and Comments and Public Participation of Non-Agendaed Items and Consent Agenda after the City's business because staff and the public, who came to listen to City business items, did not have to stay longer.

Mayor Triolo suggested the Commission ask the public how they felt about reordering the agenda. She asked the public to contact the elected officials about how they felt.

15. CITY MANAGER'S REPORT

A. April 21, 2015 – draft Commission agenda

City Manager Bornstein provided the following report:

- Said he was working to finalize the Federal Emergency Management Agency's (FEMA) issue about repaying funds received from FEMA for Hurricanes Francis and Jeanne. He explained that the City filed for $29 million in federal funds and FEMA was asking for $4 million back because they disagreed with the way the City filed its documentation. He said the City retained Alcade & Fay who were working on the FEMA issue. They were also working with Congresswoman Louis Frankel to create statute of limitation legislation.

- Reported that Attorney Carolyn Ansay from City Attorney Torcivia's office was reviewing the City's documentation to verify that FEMA had the same documents as the City.

  City Attorney Torcivia commented that Attorney Ansay was successful in de-obligating FEMA funds and asked to retain Attorney Ernest B. Abbott, who had FEMA expertise, to help craft final arguments for the reduction of the amount of money FEMA wanted back from the City.

Consensus: To retain Attorney Ernest B. Abbott.

- Announced that the City requested State funds for Boutwell Road and the Park of Commerce; however, the State Legislators had not yet approved a budget. All requests for State funds were still in the air. He said balancing the State's budget by May 1, 2015, did not look good.

- Said efforts were being made to present the City's budget better. The budget was transparent unfortunately; however, people did not understand the information provided. Burton and Associates' tool would bridge the gap, and the effects of any changes made to the budget would be shown "in real time" during the budget process.

- He asked John Pickette, Laura Decker, and William Thrasher to review the City's funds, particularly the Beach Fund, because they were the people who were instrumental in crafting the Casino Building's finances. He said he looked forward to them untangling the knots in the Beach Fund.

16. ADJOURNMENT:

Action: Motion made by Commissioner McVoy and seconded by Commissioner Maier to adjourn the meeting at 9:16 PM.

Vote: Voice vote showed: AYES: Mayor Triolo; Vice Mayor Maxwell; and Commissioners McVoy, Amoroso, and Maier. NAYS: None.

_____
PAM TRIOLO, MAYOR

ATTEST:

_____
PAMELA J. LOPEZ, CITY CLERK

Minutes Approved: May 5, 2015

A digital audio recording of this meeting will be available in the Office of the City Clerk.

CITY OF LAKE WORTH

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015 Regular Meeting **DEPARTMENT:** City Commission

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EXECUTIVE BRIEF

TITLE:
Ratify the appointment of members to various City advisory boards

SUMMARY:

This item is to ratify the Mayor and Commissioner, District 3's appointment of members to the Recreation Advisory, Electric Utility Advisory, and Finance Advisory Boards and a member to the Community Redevelopment Agency with varying terms.

BACKGROUND AND JUSTIFICATION:
On February 5, 2013, the Commission adopted an ordinance amending the board member appointment process to allow for the selection of board members by individual elected officials. In accordance with the ordinance, the board appointments would be effective upon ratification by the Commission as a whole.

The following appointments are requested to be ratified:

Recreation Advisory Board:
Faith Watson to fill an unexpired term ending on July 31, 2017 (Mayor's appointment)
Linnea Rickard to fill an unexpired term ending on July 31, 2016 (District 3 appointment)

Electric Utility Advisory Board:
Noah Tennyson to fill an unexpired term ending on July 31, 2016 (Mayor's appointment)

Community Redevelopment Agency:
Brendan Lynch to fill an unexpired term ending on August 21, 2015 and reappointing him for a term ending on August 21, 2019 (Mayor's appointment)

Finance Advisory Board:
Tom Copeland to fill an unexpired term ending on July 31, 2015 and reappointing him for a term ending on July 31, 2018 (Mayor's appointment)

MOTION:
I move to ratify the Mayor's appointments of Faith Watson to the Recreation Advisory Board to fill an unexpired term ending on July 31, 2017; Noah Tennyson to the Electric Utility Advisory Board to fill an unexpired term ending on July 31, 2016; Tom Copeland to the Finance Advisory Board to fill an unexpired term ending in July 31, 2015 and reappoint for a term ending on July 31, 2018; and Brendan Lynch to the Community Redevelopment Agency to fill an unexpired term ending in August 21, 2015 and reappoint for a term ending in August 21, 2019; and Commissioner Amoroso's District 3 appointment of Linnea Rickard to the Recreation Advisory Board to fill an unexpired term ending in July 31, 2016.

ATTACHMENT(S):
Fiscal Impact Analysis – not applicable
Board Membership Applications
Board Logs

Expires 3/2/2016

APPLICANT'S NAME: Faith Watson
(Print name)

VOLUNTEER ADVISORY BOARD APPLICATION

THIS APPLICATION IS VALID FOR ONLY ONE (1) YEAR FROM THE DATE ENTERED ON PAGE 5.

Thank you for your interest in serving the City of Lake Worth. The City Commission recognizes that volunteering is important, and your contribution is what makes Lake Worth a great community. Completion of this application is necessary so that the members of the City Commission can thoroughly review each application as part of their consideration for your appointment.

If applying for more than one Board/Committee, please number in order of preference. If you have previously submitted an application, it will be removed from our files unless you mark the board(s) previously applied for on this application. Please choose no more than three Boards/Committees for which you wish to apply. When selecting, indicate your first, second, and third preference. ***You may not serve on two of the following boards/committees at one time: Construction Board of Adjustments and Appeals, Community Redevelopment Agency, Historic Resources Preservation, or Planning & Zoning Boards.***

___ Board of Trustees Employees' Retirement System *
___ Board of Trustees Police Retirement System *
___ Board of Trustees Firefighters' Pension Trust Fund *
___ Board of Trustees Firefighters' Pension Trust Fund – Division II *
X City Recreation Advisory Board
___ City Tree Board
___ Community Redevelopment Agency *
___ Construction Board of Adjustments and Appeals **
___ Electric Utility Advisory Board
___ Finance Advisory Board
___ Historic Resources Preservation Board **
___ Library Board
___ Planning & Zoning Board * **
___ Sister City Board

* Requires that appointee fill out an annual financial disclosure form to be filed with the Supervisor of Elections Office

** Certain skill-set disciplines required

ALL BOARD/COMMITTEES ARE SUBJECT TO THE SUNSHINE LAW

1. **PERSONAL**

Name: Mr./Mrs./Ms. *(circle one)* Faith H. Watson
(print)

Residence: 921 N. Lakeside Dr

City: Lake Worth State: FL ZIP Code: 33460

Proof of residency attached: PROPERTY APPRAISER'S RECORD

Mailing Address: (if different from residence)

City: _____ State: _____ ZIP Code: _____

Home Phone: (____) _____ Business Phone: (____) _____

Cell Phone: (561) 306-1398 Email Address: F2Watson@gmail.com

Are you a citizen of the United States? yes

Are you a registered Palm Beach County voter? yes

Are you a registered Lake Worth voter? yes

How long have you been a resident of Lake Worth? 9 yrs

List all properties owned and/or business interests in Lake Worth?
Home at 921 N Lakeside Dr.

What is your occupation? Homemaker

Employer? _____

Business Address: (CRA board only) _____

Are you currently serving on any City advisory Board? No

If so, which board? _____

Have you ever served on a City of Lake Worth board? No

If so, when and which board(s)? _____

Do you serve on any boards in Florida, or are you an elected or appointed state, county, or municipal office holder, or Palm Beach County employee? No

If yes, please name the board, position, etc. _____

2. **EDUCATION**
High School: Deerfield Beach HS Date of Graduation: 1993

College: PBSC Degree: AA Date of Graduation: 2003

Resume attached? yes _____ no X

3. **WORK EXPERIENCE**

Starbucks Coffee Co.

Delray Beach, FL

Store Manager

7 yrs

4. **INTEREST/ACTIVITIES**

Arts and Outdoors

5. **COMMUNITY INVOLVEMENT**

6. **Why do you desire to serve on this board (first preference)**

I have 2 young boys and a great interest in being involved in this community.

6. **Why do you desire to serve on this board (second preference)**

6. **Why do you desire to serve on this board (third preference)**

I understand the responsibilities associated with being a board/committee member, and I have adequate time to serve if appointed.

I have read Ordinance No. 2010-29 and Article XIII (Palm Beach County) Code of Ethics attached hereto, and understand the policy on the City of Lake Worth's Code of Ethics. Within 30 days after appointment, I understand that I am required to participate in Ethics Training and submit an Acknowledgement of Receipt form to the City Clerk's Office in order to continue to serve on my appointed board.

PLEASE INITIAL fw

Faith Waters
Signature

3/2/2015
Date

THIS APPLICATION IS VALID FOR ONLY ONE (1) YEAR FROM THE DATE SIGNED ABOVE.

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or

FAX APPLICATION TO: Volunteer Coordinator (561) 586-1750

or

RETURN APPLICATION TO: Volunteer Coordinator
Lake Worth City Hall
7 North Dixie Highway
Lake Worth, FL 33460

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Gary R. Nikolits, CFA

Property Appraiser

Palm Beach County

Homestead Exemption E-file

Location Address	921 N LAKESIDE DR
Municipality	LAKE WORTH
Parcel Control Number	38-43-44-21-15-292-0110
Subdivision	LAKE WORTH TOWN OF
Official Records Book	23250 Page 1039
Sale Date	MAY-2009
Legal Description	TOWN OF LAKE WORTH LT 11 BLK 292

Owners

WATSON FAITH
WATSON LUKE &

Mailing address

921 N LAKESIDE DR
LAKE WORTH FL 33460 2709

Sales Date	Price	OR Book/Page	Sale Type	Owner
MAY-2009	[redacted]	23250 / 1039	[redacted]	WATSON LUKE & WHITE DAVID &
MAY-2004	[redacted]	17032 / 0511	[redacted]	
MAY-1991	[redacted]	06853 / 1105	[redacted]	
JUN-1990	[redacted]	06486 / 1904	[redacted]	

Exemption Applicant/Owner	Year	Detail
WATSON LUKE &	2015	

Number of Units 1 *Total Square Feet [redacted] [redacted]

Use Code 0100 - SINGLE FAMILY Zoning SFR - Single Family Residential (38-LAKE WORTH)

Tax Year	2014	2013	2012
Improvement Value	[redacted]	[redacted]	[redacted]
Land Value	[redacted]	[redacted]	[redacted]
Total Market Value	[redacted]	[redacted]	[redacted]

All values are as of January 1st each year

Tax Year	2014	2013	2012
Assessed Value	[redacted]	[redacted]	[redacted]
Exemption Amount	[redacted]	[redacted]	[redacted]
Taxable Value	[redacted]	[redacted]	[redacted]

Tax Year	2014	2013	2012
Ad Valorem	[redacted]	[redacted]	[redacted]
Non Ad Valorem	[redacted]	[redacted]	[redacted]
Total tax	[redacted]	[redacted]	[redacted]

APPLICANT'S NAME: Linnea Rickard
(Print name)

VOLUNTEER ADVISORY BOARD APPLICATION

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____ Board of Trustees Police Retirement System *
____ Board of Trustees Firefighters' Pension Trust Fund *
____ Board of Trustees Firefighters' Pension Trust Fund – Division II *
x___ City Recreation Advisory Board
____ City Tree Board
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____ Finance Advisory Board
____ Historic Resources Preservation Board **
____ Library Board
____ Planning & Zoning Board * **
____ Sister City Board

* Requires that appointee fill out an annual financial disclosure form to be filed with the Supervisor of Elections Office

** Certain skill-set disciplines required

ALL BOARD/COMMITTEES ARE SUBJECT TO THE SUNSHINE LAW

1. **PERSONAL**

Name: Mr./Mrs./Ms. *(circle one)* Linnea Rickard
(print)

Residence: 229 N K Street #201

City: Lake Worth State: FL ZIP Code: 33460

Proof of residency attached: Drivers License

Mailing Address: (if different from residence)

City: _____ State: _____ ZIP Code: _____

Home Phone: (352) 206-0424 Business Phone: (____) _____

Cell Phone: (_____) _____ Email Address: linnea1216@gmail.com

Are you a citizen of the United States? yes

Are you a registered Palm Beach County voter? yes

Are you a registered Lake Worth voter? yes

How long have you been a resident of Lake Worth? 8 years

List all properties owned and/or business interests in Lake Worth? _____

My husband and I own our condo.

What is your occupation? Barista

Employer? Starbucks - Lake Ave

Business Address: (CRA board only) _____

Are you currently serving on any City advisory Board? no

If so, which board? _____

Have you ever served on a City of Lake Worth board? no

If so, when and which board(s)? _____

_____

Do you serve on any boards in Florida, or are you an elected or appointed state, county, or municipal office holder, or Palm Beach County employee? no

If yes, please name the board, position, etc. _____

2. **EDUCATION**

High School: Notre Dame Academy - Tyngsboro, Ma Date of Graduation: 1989

College: UMass/Lowell Degree: _____ Date of Graduation: _____

Resume attached? yes _____ no _____

3. **WORK EXPERIENCE**

I've been employed in some capacity beginning at the age of 15. I have held multiple positions over the years with an emphasis on customer service and marketing. Previous employers include The Home Depot (Service Desk Manager), Canto Software (Marketing Assistant).

4. **INTEREST/ACTIVITIES**

I have a 4 year old son so most of my interests and activities revolve around him these days. Otherwise I like to do art, going out to restaurants. I also enjoy jogging, and doing various home improvements.

5. **COMMUNITY INVOLVEMENT**

Unfortunately I have not been officially involved in the community. My involvement has mainly been going to nearly every community event I can get to in Lake Worth, and by supporting local businesses by doing most of my shopping in the city. My husband works for a local non-profit, I often support this business by volunteering here.

6. **Why do you desire to serve on this board (first preference)**

We plan on living in Lake Worth for a long time - and as I mentioned, I have a young son who we plan to raise here. I believe that by becoming more involved in city activites and by learning more about how the city runs, my child's future here in Lake Worth will be that much better. He will see how volunteers can make a difference and that his parents worked hard to be a part of this community so he can have the best it has to offer.

6. **Why do you desire to serve on this board (second preference)**

By being on the Rec Board I will meet a lot of new people and be more privy to all the events that take place here.

6. **Why do you desire to serve on this board (third preference)**

I have a real interest in learning more about city government and how citizens can come together to make things happen.

I understand the responsibilities associated with being a board/committee member, and I have adequate time to serve if appointed.

I have read Ordinance No. 2010-29 and Article XIII (Palm Beach County) Code of Ethics attached hereto, and understand the policy on the City of Lake Worth's Code of Ethics. Within 30 days after appointment, I understand that I am required to participate in Ethics Training and submit an Acknowledgement of Receipt form to the City Clerk's Office in order to continue to serve on my appointed board.

PLEASE INITIAL LR

Linnea Rickard Digitally signed by Linnea Rickard DN: cn=Linnea Rickard, o, ou, email=linnea1216@gmail.com, c=US Date: 2015.04.21 14:32:32 -04'00'

Signature

04/21/2015

Date

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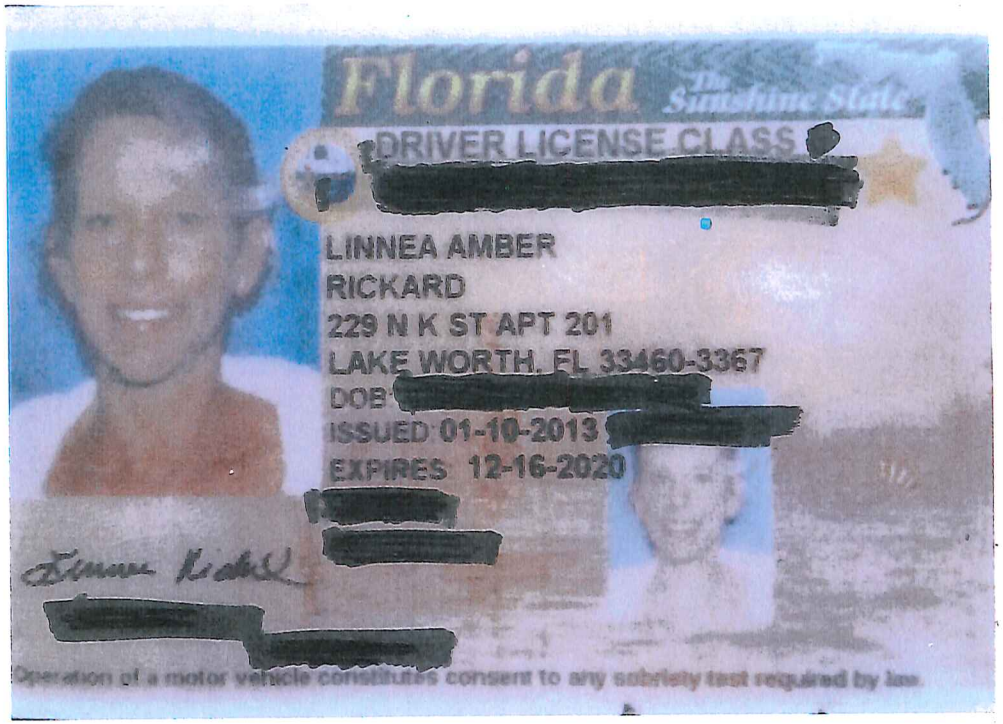

Scanned by CamScanner

Expires 2/24/2016

APPLICANT'S NAME: Noah Tennyson, Esq.
(Print name)

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1 Finance Advisory Board
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___ Library Board
___ Planning & Zoning Board * **
___ Sister City Board

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** Certain skill-set disciplines required

ALL BOARD/COMMITTEES ARE SUBJECT TO THE SUNSHINE LAW

EUAB

1. **PERSONAL**

Name: Mr./Mrs./Ms. *(circle one)* Mr. Noah Tennyson, Esq.
(print)

Residence: 28 Wellesley Dr.

City: Lake Worth State: FL ZIP Code: 33460

Proof of residency attached: (see attached)

Mailing Address: (if different from residence)

City: _____ State: _____ ZIP Code: _____

Home Phone: (____) _____ Business Phone: (561) 471-3523

Cell Phone: (352) 871-6284 Email Address: ntennyson@nasonyeager.com

Are you a citizen of the United States? yes

Are you a registered Palm Beach County voter? yes

Are you a registered Lake Worth voter? yes

How long have you been a resident of Lake Worth? 6 months

List all properties owned and/or business interests in Lake Worth?
28 Wellesley Dr., Lake Worth, FL 33460 (homestead).

What is your occupation? Attorney at Law

Employer? Nason Yeager, P.A.

Business Address: (CRA board only) _____

Are you currently serving on any City advisory Board? no

If so, which board? _____

Have you ever served on a City of Lake Worth board? no

If so, when and which board(s)? _____

Do you serve on any boards in Florida, or are you an elected or appointed state, county, or municipal office holder, or Palm Beach County employee? no

If yes, please name the board, position, etc. _____

2. **EDUCATION**
High School: Atlantic Community Highschool (Delray Beach, FL) Date of Graduation: 2001

College: University of Florida (Law) Degree: J.D. Date of Graduation: 2009

Resume attached? yes _____ no X

3. **WORK EXPERIENCE**

www.nasonyeager.com/attorneys/tennyson_noah.html

4. **INTEREST/ACTIVITIES**

Community Education and Organization

5. **COMMUNITY INVOLVEMENT**

6. Why do you desire to serve on this board (first preference)

I desire to better understand city financing mechanisms in order to explain such to the public.

6. Why do you desire to serve on this board (second preference)

I believe providing public service enriches both the provider and recipient of that service.

Public utilities impact all residents, providing a broad forum within which to give back to my community.

6. Why do you desire to serve on this board (third preference)

I understand the responsibilities associated with being a board/committee member, and I have adequate time to serve if appointed.

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PLEASE INITIAL nbt

/s/ Noah Tennyson, Esq. 2/24/2015

Signature Date

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DRIVER
NOAH BEECHAM
TENNYSON
28 WELLESLEY DR

Expires 2/13/16

APPLICANT'S NAME: Tom Copeland
(Print name)

VOLUNTEER ADVISORY BOARD APPLICATION

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** Certain skill-set disciplines required

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FIN

1. **PERSONAL**

Name: (Mr.)/Mrs./Ms. *(circle one)* Tom Copeland (print)

Residence: 1605 S. Palmway

City: Lake Worth State: FL ZIP Code: 33460

Proof of residency attached: Copy of Utility Bill

Mailing Address: (if different from residence)

City: _____ State: _____ ZIP Code: _____

Home Phone: (____) _____ Business Phone: (____) _____

Cell Phone: (____) _____ Email Address: _____

Are you a citizen of the United States? yes

Are you a registered Palm Beach County voter? yes

Are you a registered Lake Worth voter? yes

How long have you been a resident of Lake Worth? 8 months; Previously from 2009-2011

List all properties owned and/or business interests in Lake Worth? _____

Primary Residence - 1605 S Palmway

What is your occupation? Marketing Director

Employer? Law Offices of Craig Goldenfarb, P.A.

Business Address: (CRA board only) _____

Are you currently serving on any City advisory Board? No

If so, which board? _____

Have you ever served on a City of Lake Worth board? No

If so, when and which board(s)? _____

_____

Do you serve on any boards in Florida, or are you an elected or appointed state, county, or municipal office holder, or Palm Beach County employee? No

If yes, please name the board, position, etc. _____

2. **EDUCATION**
High School: Jupiter High School Date of Graduation: 2003

College: UF Degree: BSBA (Business) Date of Graduation: 2012

Resume attached? yes X no _____

3. **WORK EXPERIENCE**

As a marketing and Advertising Professional, I direct capital and resources to maximize the presence of our Company's service in the target marketplace. I Manage a budget of over $1M, and oversee 1 direct report, as well as various ad agency representatives and vendors.

4. **INTEREST/ACTIVITIES**

Diving, Boating, and fishing locally; basketball and various sports; volunteer and civic services; intellectual endeavors.

5. **COMMUNITY INVOLVEMENT**

Board Member - The Children's Coalition, 2009-2012
Advisory Board Member - City of West Palm Beach, 2002-2015
Proud supporter (organizer) for Wounded Warrior Project (WWP)(2014)
volunteer with Urban Youth Impact and Big Hearts Brigade
Blocks Captain (board member), South Palm Beach (2015) Neighborhood Assoc.

6. **Why do you desire to serve on this board (first preference)**

Finance Advisory Board - There is a lack of presence on this board. I'm educated in finance, economics, and capital markets, but I don't work in the industry. This gives me a perspective that is unique - a young, smart problem solver with an "outsider's" viewpoint. Also, I believe the City's biggest challenge over the next 50 years will be it's finances, and we need to get to work now.

6. **Why do you desire to serve on this board (second preference)**

CRA - While I don't believe there are any vacancies on this board, if there are, I would be interested in lending my knowledge and experience to help the City prioritize its redevelopment projects based on highest impact and lowest cost to acquire, demolish, develop, or build.

6. **Why do you desire to serve on this board (third preference)**

Recreation Advisory Board - One of the biggest and most underutilized draws of the City for residents is it's recreation; so many people do not know about the golf course, snook islands, the boat ramp, etc. We need to get the word out better, and that would be my goal on this Board.

I understand the responsibilities associated with being a board/committee member, and I have adequate time to serve if appointed.

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PLEASE INITIAL TC

Signature

2/13/15
Date

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First-Time Online Payment Directions
Create Master Account

Billing Statement

Contact Info

Account Number:	[redacted]
Location Address:	1605 S PALMWAY LAKE WORTH FL
Customer Name:	COPELAND, THOMAS
Mailing Address:	1605 S PALMWAY LAKE WORTH FL 334605845

Prior Bill Activity Info

Bill Date:	12/19/2014
Due Date:	[redacted]

Prior Bill Activity		Description
[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]

Balance Forward:	[redacted]
Current Charges:	[redacted]
Bill Amount:	[redacted]

Activity Info

Date	Amount	Description
[redacted]	[redacted]	[redacted]
[redacted]	[redacted]	[redacted]

Reading Info

Thomas M. Copeland 1605 S Palmway, Lake Worth, FL 33460 (561) 601-5036 tommycopeland@me.com
Marketing Director at The Law Offices of Craig Goldenfarb, P.A. | Entrepreneurial Nature | Civic Advocate

Professional Experience

The Law Offices of Craig Goldenfarb, P.A. (*West Palm Beach, FL*) May 2013 - Present
Marketing Director LOCG is a mid-sized personal injury firm local to West Palm Beach.

- Accountability - manage a $1m+ annual marketing budget, spanning a dozen mediums, from web to billboards, TV ads and print
- Creative - orchestrate and release fresh and consistent branding initiatives and messages across all channels
- Measure - constantly review segmented and independent analytics and develop tools in effort to monitor market penetration

Blatt Financial Group, LLC (*Palm Beach Gardens, FL*) December 2012 - May 2013
Marketing Director Blatt Financial Group is a wealth advisory and estate planning law firm.

- Web Development - coded and launched BlattFG.com; wrote content, manage client and prospect communication
- Administration - managed a $100k+ annual marketing budget, spending on events and client outreach

Bullworthy, LLC (*West Palm Beach, FL*)
May 2012 - December 2013
Co-Founder and Partner Bullworthy, LLC is a paid, independent micro-cap analyst firm.

- Web Development - built and managed several web assets and an iOS application (Bullworthy.com)
- Financial Analyst - craft price targets based on a proprietary valuation model
- Competency - drafted, published, and promoted six (6) 32-page+ micro-cap equity research reports

Bullworthy (*West Palm Beach, FL*) April 2010 - May 2012
Owner Bullworthy is a DBA under which I worked as a freelance web developer for small business.

- Entrepreneur - launched a freelance career that generated over $100k in 30 months
- Operations - manage contractors, built more than 75 client websites, project fulfillment, and accounting
- Divestment - sold the company for $5k in December 2012 to DesigningGig.com

World Market Media/GLX (*West Palm Beach, FL*) February 2010 - August 2012
Executive Editor WMM operated a network of small-cap financial news websites.

- Journalism - wrote and published up to (5) five articles a day on small-cap market news and press
- Analyst - attended covered company's investor conferences and earnings calls, webcasts
- Anchor - host of a daily web video series, "Straight Talk on Small-Cap" featuring market commentary and CEO interviews

My Gym Enterprises (*Southeast Division*) August 2008 - March 2010
Support Representative MGE is the global franchisor of My Gym Children's Fitness Center.

Education

University of Florida (*Gainesville, FL*) August 2010 - August 2012
Bachelor of Science in Business Administration

- Redefining Pedagogy - earned degree in West Palm Beach through the optional Online Business Program
- Placement - graduated with a cumulative GPA of 2.8; placed in the 95th percentile on exit exams

Thomas M. Copeland 1605 S Palmway, Lake Worth, FL 33460 (561) 601-5036 tommycopeland@me.com
Marketing Director at The Law Offices of Craig Goldenfarb, P.A. | Entrepreneurial Nature | Civic Advocate

Activities and Passions

Sustainability Advisory Committee (*City of West Palm Beach, FL*) December 2012 - February 2015
Commissioner Board established by the City to oversee the operations of the Office of Sustainability.

South Palm Park Neighborhood Association (*Lake Worth, FL*) November 2014 - Present
Board of Directors Block Captain for the 16th block

Palm Beach State College (*Lake Worth, FL*) January 2012 - Present
Career Mentor Received the 2014 Career Mentor award for my work with degree-seeking students.

American Marketing Association (*Palm Beach Chapter, FL*) January 2014 - October 2014
Founding Board Member A new chapter of AMA for Palm Beach County residents.

Junior Achievement (*West Palm Beach, FL*) January 2012 - December 2012
Classroom Instructor Non-profit supplementary in-classroom programming designed for at-risk youth.

The Children's Coalition (*West Palm Beach, FL*) April 2009 - January 2012
Board of Directors TCCI is a non-profit arts and multimedia enrichment program for at-risk youth.

Skills and Achievements

- **Financial Journalism** - published in Legal Marketing Associations *Strategies* (2013), Direct Marketer (2014), TalkMarkets.com (2015), Inside Investor Relations (2012), Entrepreneur Magazine (2011), Business Insider (2011), World Market Media (2011), Around Wellington Magazine (2010), Money UK (2010), Seeking Alpha, Motley Fool, Bloomberg Terminals, GLX.com, Equities.com, Yahoo! Finance, Reuters, and many more
- **Investor/Shareholder Communications** - published press releases and equity research reports for public companies indexed and distributed by Yahoo! Finance, Google News, Google Finance, and OTC Markets
- **Desktop Applications** - Windows/Mac, Adobe Creative Suite, Office Suite (Excel Macros), QuickBooks, Dreamweaver, Photoshop, Illustrator, Video Editing Software, Mac
- **Associations** - AMA Palm Beach, Legal Marketing Association, UF Alumni Association Lifetime Member, Palm Beach County Democratic Party Young Professionals, NPR Sustaining Member, NCAC Founding Organizer

APPLICANT'S NAME: Brendan T. Lynch
(Print name)

VOLUNTEER ADVISORY BOARD APPLICATION

THIS APPLICATION IS VALID FOR ONLY ONE (1) YEAR FROM THE DATE ENTERED ON PAGE 5.

Thank you for your interest in serving the City of Lake Worth. The City Commission recognizes that volunteering is important, and your contribution is what makes Lake Worth a great community. Completion of this application is necessary so that the members of the City Commission can thoroughly review each application as part of their consideration for your appointment.

If applying for more than one Board/Committee, please number in order of preference. If you have previously submitted an application, it will be removed from our files unless you mark the board(s) previously applied for on this application. Please choose no more than three Boards/Committees for which you wish to apply. When selecting, indicate your first, second, and third preference. ***You may not serve on two of the following boards/committees at one time: Construction Board of Adjustments and Appeals, Community Redevelopment Agency, Historic Resources Preservation, or Planning & Zoning Boards.***

___ Board of Trustees Employees' Retirement System *
___ Board of Trustees Police Retirement System *
___ Board of Trustees Firefighters' Pension Trust Fund *
___ Board of Trustees Firefighters' Pension Trust Fund – Division II *
___ City Recreation Advisory Board
___ City Tree Board
X Community Redevelopment Agency *
___ Construction Board of Adjustments and Appeals **
___ Electric Utility Advisory Board
___ Finance Advisory Board
___ Historic Resources Preservation Board **
___ Library Board
___ Planning & Zoning Board * **
___ Sister City Board

CRA

* Requires that appointee fill out an annual financial disclosure form to be filed with the Supervisor of Elections Office

** Certain skill-set disciplines required

ALL BOARD/COMMITTEES ARE SUBJECT TO THE SUNSHINE LAW

1. PERSONAL

Name: Mr./Mrs./Ms. *(circle one)* Mr. Brendan T. Lynch
(print)

Residence: 920 South Lakeside Drive

City: Lake Worth State: FL ZIP Code: 33460

Proof of residency attached: PROPERTY APPRAISER'S RECORD

Mailing Address: (if different from residence)

City: Same as Residence State: _____ ZIP Code: _____

Home Phone: (____) _____ Business Phone: (____) _____

Cell Phone: (561) 386 1703 Email Address: Blynch@plastridge.com

Are you a citizen of the United States? Yes

Are you a registered Palm Beach County voter? Yes

Are you a registered Lake Worth voter? Yes

How long have you been a resident of Lake Worth? 11 years

List all properties owned and/or business interests in Lake Worth? _____

1008 N E Street, 1009 N F Street, 126 N Palmway, 920 S Lakeside

What is your occupation? Insurance

Employer? Plastridge Insurance

Business Address: (CRA board only) 10337 N Military Trail Palm Beach Gardens

Are you currently serving on any City advisory Board? No

If so, which board? N/A

Have you ever served on a City of Lake Worth board? Yes

If so, when and which board(s)? CRA 2006-2009

_____

Do you serve on any boards in Florida, or are you an elected or appointed state, county, or municipal office holder, or Palm Beach County employee? Yes

If yes, please name the board, position, etc. 211 Board-Director, Florida Association

of Independent Agents- Director, Business Development Board of Palm Beach County- Director

2. EDUCATION

High School: Pope John Paul II Date of Graduation: 1996

College: East Carolina U Degree: BA-ECON Date of Graduation: 2000
Palm Beach Atlantic U MBA 2003
Resume attached? yes X no _____

3. WORK EXPERIENCE

Licensed insurance agent for 15 years

4. INTEREST/ACTIVITIES

Surfing, golfing, tennis, family activities, mountain biking

5. COMMUNITY INVOLVEMENT

I am very active in Lake Worth and throughout Palm Beach County. I am on several non-profit boards as well.

6. **Why do you desire to serve on this board (first preference)**

I would like to serve on the CRA Board again because I believe my experience can add value to the CRA and the community. I feel as though my time on the Board previously was too short. I have the advantage of a very short learning curve due to my past experience with the CRA and feel confident that I can hit the ground running.

6. **Why do you desire to serve on this board (second preference)**

N/A

6. **Why do you desire to serve on this board (third preference)**

N/A

I understand the responsibilities associated with being a board/committee member, and I have adequate time to serve if appointed.

I have read Ordinance No. 2010-29 and Article XIII (Palm Beach County) Code of Ethics attached hereto, and understand the policy on the City of Lake Worth's Code of Ethics. Within 30 days after appointment, I understand that I am required to participate in Ethics Training and submit an Acknowledgement of Receipt form to the City Clerk's Office in order to continue to serve on my appointed board.

PLEASE INITIAL BTL

Brendan T. Lynch
Signature

April 8, 2015
Date

THIS APPLICATION IS VALID FOR ONLY ONE (1) YEAR FROM THE DATE SIGNED ABOVE.

NOTE: Information regarding the duties and responsibilities of any board/committee can be found by visiting our website at www.lakeworth.org then select Residents/Volunteer and select the Volunteer Advisory Board application. If you need additional information, please contact the Volunteer Coordinator at sdonaldson@lakeworth.org or by calling 561-586-1730.

EMAIL APPLICATION TO: sdonaldson@lakeworth.org (preferred method)

or

FAX APPLICATION TO: Volunteer Coordinator (561) 586-1750

or

RETURN APPLICATION TO: Volunteer Coordinator
Lake Worth City Hall
7 North Dixie Highway
Lake Worth, FL 33460

SUNSHINE LAW: The primary purpose of government in the Sunshine Law is to assure public access to the decision making processes of public boards and committees. The Sunshine Law extends to discussions and deliberations as well as to formal actions taken by boards and committees.

Gary R. Nikolits, CFA

Property Appraiser

Palm Beach County

Homestead Exemption E-file

Location Address	920 S LAKESIDE DR
Municipality	LAKE WORTH
Parcel Control Number	38-43-44-27-01-033-0040
Subdivision	LAKE WORTH TOWN OF ADD 1
Official Records Book	23509 Page 507
Sale Date	SEP-2009
Legal Description	ADD 1 TO TOWN OF LAKE WORTH LTS 4 & 5 BLK 33

Owners

LYNCH BRENDAN T &
LYNCH LISA G

Mailing address

920 S LAKESIDE DR
LAKE WORTH FL 33460 5102

Sales Date	Price	OR Book/Page	Sale Type	Owner
SEP-2009	[redacted]	23509 / 0507	[redacted]	LYNCH BRENDAN T & FARNELL J CROCKETT II & BELARDO JOHN
JUL-2004	[redacted]	17231 / 1121	[redacted]	
DEC-2003	[redacted]	16350 / 0131	[redacted]	
JUN-1999	[redacted]	11252 / 1318	[redacted]	
FEB-1990	[redacted]	06384 / 1296	[redacted]	

Exemption Applicant/Owner	Year	Detail
LYNCH BRENDAN T &	2015	

Number of Units 1 *Total Square Feet [redacted] Acres [redacted]

Use Code 0100 - SINGLE FAMILY Zoning SFR - Single Family Residential (38-LAKE WORTH)

Tax Year	2014	2013	2012
Improvement Value	[redacted]	[redacted]	[redacted]
Land Value	[redacted]	[redacted]	[redacted]
Total Market Value	[redacted]	[redacted]	[redacted]

All values are as of January 1st each year

Tax Year	2014	2013	2012
Assessed Value	[redacted]	[redacted]	[redacted]
Exemption Amount	[redacted]	[redacted]	[redacted]
Taxable Value	[redacted]	[redacted]	[redacted]

Tax Year	2014	2013	2012
Ad Valorem	[redacted]	[redacted]	[redacted]
Non Ad Valorem	[redacted]	[redacted]	[redacted]
Total tax	[redacted]	[redacted]	[redacted]

Brendan T. Lynch

Born: October 25, 1977 Boynton Beach, Florida- Bethesda Memorial Hospital

Home: 920 S. Lakeside Drive Lake Worth, FL 33460

Business: 10337 North Military Trail Palm Beach Gardens, FL 33410
Agent and Owner- The Plastridge Insurance Agency, Inc., a general insurance agency established in 1919 with four offices-Delray Beach, Boca Raton, Palm Beach Gardens, and Stuart

Education: Bachelor of Arts in Economics and Minor in Spanish-East Carolina University 2000
Master of Business Administration-Palm Beach Atlantic University 2003
Licensing: State of Florida Property and Casualty License 2-20
Designations: Associate in Insurance Production (AIP)
Accredited Advisor in Insurance (AAI)

Community Involvement: Business Development Board of Palm Beach County- Director
211 Palm Beach/Treasure Coast- Board Member
Florida Association of Insurance Agents (FAIA)- Director
North County Executive Council Member- 1st United Bank
Palm Beach Credit Union- Board Member
Insurance Instructor- State Authorized Continuing Education Instructor

Leadership: Leadership Palm Beach County graduate 2002
Past Chairman of Future Florida Insurance Leaders 2005-2007

Past: Board member of Phi Kappa Psi: Treasurer 1997-1998
President 1998-1999
Board member of the Lake Worth Playhouse: VP 2003-2005
Independent Insurance Agents of Palm Beach County- Board Member 2002-2004
Junior Achievement Palm Beach County- Board of Directors 2007-2009
Team Florida Advisory Council- National Committee for Policy Analysis
North Palm Beach County Chamber- Young Professionals board member
Young Agents Council- Chair for the State of Florida 2007-2008
Community Redevelopment Agency (CRA) Vice Chair- Lake Worth 2006-2009

Family: Wife: Lisa Children: Aidan (7 years) and Liam (4 years)

Hobbies: golf, surfing, tennis, basketball, boating, sailing, fishing, swimming, exercising

Updated 4/8/2015

CITY RECREATION ADVISORY BOARD
THREE-YEAR TERMS

MEMBERS	APPOINTED		ETHICS TRAINING	EXPIRES
Richard Oyer (Vice-Chair) 1716 12th Avenue North oyerr@bellsouth.net	02/05/2009	C: 561-704-2398	YES	07/31/2015
Karla Engel 235 Fordham Dr. Kmd0108@yahoo.com **(District 4 Appointee)**	01/06/2015	C: 414-403-254	YES	07/31/2015
VACANT **(District 2 Appointee)**		H:	NA	07/31/2017
VACANT **(Mayor's Appointee)**		H:	NA	07/31/2017
VACANT **(District 3 Appointee)**		H:	NA	07/31/2016
Joseph Coicou 19 South C Street josephcoicouusa@gmail.com **(Vice Mayor's Appointee - District 1)**	02/17/2015	C: 561-320-1675	due 3/27/15	07/31/2016
VACANT **(Mayor's Appointee)**		C:	NA	07/31/2016

ADVISOR

Stephen Haughn (Recreation Department)	W: 561-533-7363	YES

The purpose of the Board is to assist in promoting community awareness and involvement in recreation programs and initiatives and to assist the City in planning for future facility and program needs. The Board shall consult with and advise the City Manager, Recreation Manager, and the City Commission in matters affecting recreation policies, programs, finances and future land or facility capital projects related to the total community recreation program and to its long-range plans.

Ord. No. 2013-24 effective March 29, 2013, the Student board member has been replaced by a resident board member, with a three-year term.

** Ord. No. 2011-02 approved on Feb. 1, 2011 – effective July 31, 2012, two resident members shall serve for one year term, two resident members for two year terms, and two resident members for three year terms; thereafter all succeeding members shall be appointed for three year terms. The student member shall serve a 1 year term.

Established by Ordinance No. 2005-36, effective 10/28/05, comprised of six resident members appointed by the City Commission and one student member appointed by the Lake Worth Teen Advisory Council.

Revised: March 13, 2015

Ord. No. 2006-26, effective 9/29/06, designated Recreation Manager as staff liaison.

Ord. No. 2003-25, enacted 8/5/03, established attendance requirements: a member who fails to attend three consecutive regularly scheduled meetings or 25% of all meetings held within a 12-month period shall have his/her seat declared vacant by the City Clerk and the City Commission shall promptly fill such vacancy.

Ord. No. 2008-14, effective 7/10/08, amended attendance requirements: a member who fails to attend three consecutive regularly scheduled meetings or 20% of regularly scheduled meetings held within a 12-month period shall have his/her seat declared vacant by the City Clerk and the City Commission shall promptly fill such vacancy.

Meetings: Second Wednesday of each month at 6:30 PM as decided during the December 2014 regular board meeting.

SECRETARY: Board member

ELECTRIC UTILITY ADVISORY BOARD
ONE, TWO, AND THREE-YEAR TERMS

MEMBERS	APPOINTED		ETHICS TRAINING	EXPIRES
Lisa Maxwell (Chair) 24 Yale Drive Lobbyist1@aol.com (3-year term) **(Commissioner District 3 Appointee)**	05/15/2012	C: 954 830-3466	YES	07/31/2015
Peggy Fisher (Secretary) 508 N. A St. Gt72089@ymail.com (3-year term) **(Vice Mayor / Commissioner District 1 Appointee)**	05/15/2012	H: 582-0125 W: 357-4106 C: 385-1130	YES	07/31/2015
VACANT (2-year term) **(At-large member)** **(Mayor's Appointee)**		W:	NA	07/31/2016
Ibrahim Chalhoub 2 Lakeside Palms Court (3-year term) **(Commissioner District 2 Appointee)**	05/15/2012	H: 588-5417 W: 588-4088 C: 762-9178	YES	07/31/2015
Sander Schrantz 210 South M Street sschrantz@gmail.com (3-year term) **(Commissioner District 4 Appointee)**	12/02/2014	C: 571-274-3038	NA	07/31/2015
Caroline Clore 6570 High Ridge Rd. 33462 Cbc6570@yahoo.com (2-year term) **(At-large business owner)** **(Commission's Appointee)**	05/15/2012	H: 586-4042 W: 588-6533 C: 801-2304	YES	07/31/2016
VACANT (1-year term) **(At-large utility service area)** **(Commission's Appointee)**		W:	NA	07/31/2015
BOARD LIAISON Clayton Lindstrom (Electric Utility Director) 1900 2nd Avenue North clindstrom@lakeworth.org		W: 533-7369 C: 628-7641	YES	

Revised: April 1, 2015

The purpose is to advise the City Commission, on behalf of and for the benefit of the citizens and residents of the City of Lake Worth, on electric utilities policies, plans and programs. The Board will advise the City Commission on the establishment of fair and equitable policies, plans and programs that are consistent with customer needs, legal mandates, public policy, operational requirements and the long-term financial stability and viability of the electric utilities.

Ord. No. 2012-22 – effective May 25, 2012, created a seven member board composed of at-large appointments by each of the four District Commissioners, for a term of 3 years; two at-large members, one appointed by the Mayor and one business owner, whose business is located in the City, appointed by the City Commission, for a term of 2 years; one at-large member appointed by the City Commission representing the utility service areas of or in a portion of the Village of Palm Springs and unincorporated Palm Beach County, for a term of 1 year.

The powers and duties shall include the following:

(a) Serve as a channel of communications between the City Commission, utility department staff, and the citizens of the City of Lake Worth and the business owners of Lake Worth, in order to understand and solve the many complex problems relating to water, sewer and electric utilities;

(b) Promote public access to information on the city facilities, services, policies and programs concerning the future energy needs of the community with respect to the electric utilities;

(c) To review:

(1) existing and proposed policies, plans and programs of the City of Lake Worth Utilities Department for electric utilities;
(2) proposed capital improvement plans and programs of the Utilities Department for the electric utilities and electric power plant;
(3) existing or proposed electric rate changes, electric rate structures, and the electric utilities portion of the annual budget of the Utilities Department;

(d) Assist utility staff by suggesting and reviewing policies affecting programs and services that affect acquisition, delivery or utilization of electric utility resources within the community;

(e) Perform any other duties which may be within the purview of the committee which may be assigned by the City Commission.

The City Commission shall appoint the chairperson of the initial board for a one year term; thereafter, the members shall select its own chairperson for a one year term at an election held at the first meeting of the board and annually thereafter.

The board shall meet at least once a month. The chair shall have the power to schedule special meetings or cancel regularly scheduled meetings as the workload of the board requires.

If any member fails to be present at three (3) consecutive regularly scheduled meetings or at twenty (20) percent of the regularly scheduled meetings of the Board held within any 12-month period, the city clerk shall declare the member's office vacant, and the City Commission shall promptly fill such vacancy.

FINANCIAL DISCLOSURE FORMS ARE NOT REQUIRED.

Meetings: First Wednesday every month in City Hall Conference Room

Secretary: Board member

FINANCE ADVISORY BOARD
THREE-YEAR TERMS

MEMBERS	APPOINTED		ETHICS TRAINING	EXPIRES
Jason Robinson 115 North M Street jasoncrobinson@gmail.com **(District 3 Appointee)**	10/21/14	C: 561-685-1852	due by Nov 30	07/31/2017
VACANT		C:	NA	07/31/2014
VACANT		C:	NA	07/31/2015
VACANT **(Mayor's Appointee)**		C:	NA	07/31/2015
VACANT **(Vice Mayor's Appointee)**		C:	NA	07/31/2016
Robert Guyer 71 17th Avenue South rlguyer@lobbyschool.com **(District 4 Appointee)**	08/06/2013	H: 561-582-0501 W: 352-262-5629	YES	07/13/2016
Sherry Schmidt 4 Indigo Terrace sherry@cri-re.com **(Mayor's Appointee)**	07/31/2013	H: 954 551-1655 C: 954 551-1655	YES	07/31/2016

BOARD LIAISON

TBD W:

There is hereby created and established the City of Lake Worth Finance Advisory Board to serve in an advisory capacity to the City Commission and the City Manager. The Board shall serve to promote transparency in the City of Lake Worth's budget process and allow for additional citizen input on major financial decisions. The Board shall consult with and advise the City Manager and the City Commission in matters affecting the annual operating budget, capital improvement program and all financial policies.

Established by Ordinance No. 2010-03, effective 02/26/10, comprised of seven resident members appointed by the City Commission.

Ord. No. 2010-03, effective 2/26/10, a member who fails to attend three consecutive regularly scheduled meetings or 20% of regularly scheduled meetings held within a 12-month period shall have his/her seat declared vacant by the City Clerk and the City Commission shall promptly fill such vacancy.

Meetings: Second Monday of each month at 6:00 pm in the City Hall Conference Room.

Revised: November 6, 2014

COMMUNITY REDEVELOPMENT AGENCY
(FOUR-YEAR TERMS)

MEMBERS	APPOINTED		ETHICS TRAINING	EXPIRES
Leah Foertsch 1421 N. O Street Leah.foertsch@gmail.com **(Vice Mayor's District 1 Appointee)**	05/20/14	**C:** 305-299-3025	YES	08/21/2017
Bernard Guthrie 828 South Palmway bguthrie@lakeworthcra.org	06/16/11	**H:** 586-2447 **W:** 582-0334	YES	08/21/2015
Oswaldo Ona 826 North Palmway Oz_man54@yahoo.com **(Commissioner District 2 Appointee)**	09/23/14	**C:** 561-706-9078	YES	08/21/2018
Madlyn McKendry (Vice Chair) 929 North Lakeside Dr. mmckendry@lakeworthcra.org **(Commissioner District 3 Appointee)**	06/16/11	**H:** 533-6751 **W:** 540-8979 **C:** 420-9913	YES	08/21/2017
John Paxman 1832 N. Dixie Highway johnpaxman@aol.ocm **(Commissioner District 4 Appointee)**	3/18/14	**H**: 561-547-2424	YES	07/31/2016
VACANAT **(Mayor's Appointee)**		**C:**	NA	08/21/2015
Cary Sabol (Chair) 1532 North "O" Street csabol@lakeworthcra.org **(Vice Mayor's District 1 Appointee)**	08/31/09	**W:** 561-281-2744	YES	08/21/2017
Executive Director: Joan Oliva joliva@lakeworth.org		**W:** 493-2550	YES	NA
Commission Liaison: Commissioner Andy Amoroso aamoroso@lakeworth.org	12/06/11	**W:** 586-1733	YES	NA

The Board is responsible for formulating and implementing projects that are consistent with the Lake Worth Redevelopment Plan to assist in revitalizing and redeveloping portions of the City of Lake Worth.

Revised: March 11, 2015

Established by Resolution No. 47-89, effective 7/3/89, declaring City Commission to be Community Redevelopment Agency, plus two additional citizen members.

Florida Statute 163.356 (3) (b), Any person may be appointed as commissioner if he or she resides or is engaged in business, which means owning a business, practicing a profession, or performing a service for compensation, or serving as an officer or director of a corporation or other business entity so engaged, within the area of operation of the agency, which shall be coterminous with the area of operation of the county or municipality, and is otherwise eligible for such appointment under this part.

Ordinance No. 93-2, effective 2/13/93, to consist of seven members appointed by City Commission.

Ordinance No. 97-18, enacted 8/5/97, with City Commissioners to serve, plus two citizen members.

Ordinance No. 2001-19, enacted 8/21/01, provided for seven member board appointed by City Commission.

Ordinance No. 2003-25, enacted 8/5/03, established attendance requirements: a member who fails to attend three consecutive regularly scheduled meetings or 25% of all meetings held within a 12-month period shall have his/her seat declared vacant by the City Clerk and the City Commission shall promptly fill such vacancy.

Ordinance No. 2008-14, effective 7/10/08, amended attendance requirements: if any member of the board shall fail to be present at three (3) consecutive regularly scheduled meetings or at twenty (20) percent of the regularly scheduled meetings of the board held within any 12-month period, the city clerk shall schedule the matter for hearing before the city commission.

Meeting Schedule: Second and Fourth Tuesday of every month in the Commission Meeting Room at 6:00 p.m.

Effective May 1, 2013, Chapter 2013-36 the CRA board members are required to file the Financial Disclosure Form (F1). **FINANCIAL DISCLOSURE FORMS ARE REQUIRED.**

SECRETARY: Emily Theodossakos, 561-493-2550

CITY OF LAKE WORTH

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015, Regular Meeting **DEPARTMENT:** Public Services

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EXECUTIVE BRIEF

TITLE:
First amendment to agreements with Ashbritt Inc. and Ceres Environmental Services for disaster debris removal and disposal services

SUMMARY:
These amendments will provide for a one year extension, until June 19, 2016, for disaster debris removal and disposal services

BACKGROUND AND JUSTIFICATION:

In 2012, the City issued a Request for Qualifications to obtain the services of a qualified and experienced disaster debris removal company that can provide professional services in the preparedness, response, recovery, and mitigation phases of any natural or manmade disaster or emergency situation within the City. The City's selection committee recommended AshBritt Inc. and Ceres Environmental Services for award. On June 12, 2012, the City entered into disaster debris removal and disposal service agreements with AshBritt and Ceres Environmental Services. The agreements had a three year initial term with options for two (2) additional one-year terms. The initial term is set to expire on June 19, 2015.

Staff is recommending approval of the first additional one-year term (to June 19, 2016).

MOTION:
I move to approve/disapprove the first amendment to agreements with AshBritt Inc. and Ceres Environmental Services for an additional one-year term.

ATTACHMENT(S):
1) Fiscal Impact Analysis - not applicable
2) Ceres Environmental Services Amendment
3) AshBritt Inc. Amendment

FIRST AMENDMENT TO AGREEMENT FOR DEBRIS MANAGEMENT AND DISASTER RECOVERY SERVICES

THIS FIRST AMENDMENT TO THE DEBRIS MANAGEMENT AND DISASTER RECOVERY SERVICES AGREEMENT ("Amendment" hereinafter) is made this _____day of _____, 2015 between the **City of Lake Worth**, Florida, a municipal corporation ("City" hereinafter), with its principle office located at 7 North Dixie Highway, Lake Worth, Florida 33460, and, **CERES ENVIRONMENTAL SERVICES, INC.,** a corporation authorized to do business in the State of Florida, ("Contractor" hereinafter).

RECITALS

WHEREAS, on June 19, 2012, the City entered a Debris Management and Disaster Recovery Services Agreement with the Contractor (based on RFP #11-12-208) (the "Agreement" hereinafter); and

WHEREAS, the City and Contractor desire to extend the term of the Agreement for one additional one-year renewal period.

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained, the sufficiency of which is hereby acknowledged by the parties, the City and Contractor agree to amend the Agreement as follows:

1: INCORPORATION OF RECITALS. The foregoing Recitals are incorporated into this Amendment as true and correct statements.

2: AMENDMENT TO AGREEMENT. The term of the Agreement as set forth in paragraph 1 of the Agreement is renewed and extended for one year from June 19, 2015 to June 18, 2016.

Also, if the Contractor is determined to be "acting on behalf of" the City as set forth in section 119.011(2), Florida Statutes, the Contractor specifically agrees to:

A. Keep and maintain all public records that ordinarily and necessarily would be required by the City to keep and maintain in order to perform the services under this Contract.

B. Provide the public with access to said public records on the same terms and conditions that the City would provide the records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.

C. Ensure that said public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law.

D. Meet all requirements for retaining said public records and transfer, at no cost, to the City all said public records in possession of the Contractor upon termination of this Contract and destroy any duplicate public records that are exempt or confidential and exempt from Chapter 119, Florida Statutes, disclosure requirements. All records stored electronically must be provided to the City in a format that is compatible with the information technology systems of the City.

3: ENTIRETY OF AGREEMENT. The City and the Contractor agree that the Agreement including this Amendment set forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. None of the provisions, terms and conditions contained in the Agreement including this Amendment may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto.

4: LEGAL EFFECT. This Amendment shall not become binding and effective until approved by the City Commission.

5: COUNTERPARTS. This Amendment may be executed in one or more counterparts, each of which shall be deemed an original, and will become effective and binding upon the parties as of the effective date at such time as all the signatories hereto have signed a counterpart of this Amendment.

6: AMENDMENT. Except for the provisions of the Agreement specifically modified by this Amendment, all other terms and conditions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF the parties hereto have made and executed this Amendment on the day and year first above written.

CITY OF LAKE WORTH, FLORIDA

By: _____
Pam Triolo, Mayor

ATTEST:

_____
Pamela J. Lopez, City Clerk

Approved as to form and legal sufficiency:

_____ FOR
Glen J. Torcivia, City Attorney

Contractor:

CERES ENVIRONMENTAL SERVICES, INC.

By: _____

Print Name: STEVEN M. JOHNSON
Title: SECRETARY

[Corporate Seal] NO Seal

STATE OF MN)
COUNTY OF Ramsey)

The foregoing instrument was acknowledged before me this 9 day of April, 2015 by Steven M. Johnson, as Secretary of Ceres Environmental Services, Inc., a corporation authorized to do business in the State of Florida, and who is personally known to me or who has produced the following _____ as identification.

Notary Public

Gail M Hanscom
Notary Public
Minnesota
MY COMM. EXP. 01/31/2017

_____
Print Name: GAIL M. HANSCOM
My commission expires: 1/31/17

FIRST AMENDMENT TO AGREEMENT FOR DEBRIS MANAGEMENT AND DISASTER RECOVERY SERVICES

THIS FIRST AMENDMENT TO THE DEBRIS MANAGEMENT AND DISASTER RECOVERY SERVICES AGREEMENT ("Amendment" hereinafter) is made this _____day of _____, 2015 between the **City of Lake Worth**, Florida, a municipal corporation ("City" hereinafter), with its principle office located at 7 North Dixie Highway, Lake Worth, Florida 33460, and, **ASHBRITT, INC.**, a corporation authorized to do business in the State of Florida, ("Contractor" hereinafter).

RECITALS

WHEREAS, on June 19, 2012, the City entered a Debris Management and Disaster Recovery Services Agreement with the Contractor (based on RFP #11-12-208) (the "Agreement" hereinafter); and

WHEREAS, the City and Contractor desire to extend the term of the Agreement for one additional one-year renewal period.

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained, the sufficiency of which is hereby acknowledged by the parties, the City and Contractor agree to amend the Agreement as follows:

1: INCORPORATION OF RECITALS. The foregoing Recitals are incorporated into this Amendment as true and correct statements.

2: AMENDMENT TO AGREEMENT. The term of the Agreement as set forth in paragraph 1 of the Agreement is renewed and extended for one year from June 19, 2015 to June 18, 2016.

Also, if the Contractor is determined to be "acting on behalf of" the City as set forth in section 119.011(2), Florida Statutes, the Contractor specifically agrees to:

A. Keep and maintain all public records that ordinarily and necessarily would be required by the City to keep and maintain in order to perform the services under this Contract.

B. Provide the public with access to said public records on the same terms and conditions that the City would provide the records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.

C. Ensure that said public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law.

D. Meet all requirements for retaining said public records and transfer, at no cost, to the City all said public records in possession of the Contractor upon termination of this Contract and destroy any duplicate public records that are exempt or confidential and exempt from Chapter 119, Florida Statutes, disclosure requirements. All records stored electronically must be provided to the City in a format that is compatible with the information technology systems of the City.

3: ENTIRETY OF AGREEMENT. The City and the Contractor agree that the Agreement including this Amendment set forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. None of the provisions, terms and conditions contained in the Agreement including this Amendment may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto.

4: LEGAL EFFECT. This Amendment shall not become binding and effective until approved by the City Commission.

5: COUNTERPARTS. This Amendment may be executed in one or more counterparts, each of which shall be deemed an original, and will become effective and binding upon the parties as of the effective date at such time as all the signatories hereto have signed a counterpart of this Amendment.

6: AMENDMENT. Except for the provisions of the Agreement specifically modified by this Amendment, all other terms and conditions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF the parties hereto have made and executed this Amendment on the day and year first above written.

CITY OF LAKE WORTH, FLORIDA

By: _____
Pam Triolo, Mayor

ATTEST:

_____
Pamela J. Lopez, City Clerk

Approved as to form and legal sufficiency:

_____ FOR
Glen J. Torcivia, City Attorney

Contractor:

ASHBRITT, INC

By: _____

Print Name: RANDAL PERKINS
Title: CEO

[Corporate Seal]

STATE OF FLORIDA)
COUNTY OF BROWARD)

The foregoing instrument was acknowledged before me this 13 day of APRIL, 2015 by RANDAL PERKINS, as CEO of AshBritt, Inc., a corporation authorized to do business in the State of Florida, and who is personally known to me or who has produced the following _____ as identification.

Notary Public

Kelly Beckmann
Print Name: KELLY BECKMANN
My commission expires: 1/13/2017

KELLY BECKMANN
NOTARY PUBLIC
STATE OF FLORIDA
Comm# EE864681
Expires 1/13/2017

CITY OF LAKE WORTH

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015, Regular Meeting **DEPARTMENT:** Water Utilities

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EXECUTIVE BRIEF

TITLE:

Purchase Orders with Rechtien International Trucks and Pat's Pump and Blower for a new truck chassis and vacuum body through the Florida Sheriffs Association cooperative purchasing program

SUMMARY:

The Purchase Orders authorize the purchase of a truck chassis from Rechtien International Trucks, Inc., and vacuum body and associated equipment from Pat's Pump and Blower through the Florida Sheriffs Association cooperative purchase program (Contract #14-12-0904). The total amount of the Purchase Orders is not to exceed $308,186.36 (after City equipment trade-in value).

BACKGROUND AND JUSTIFICATION:

The Water Utility Department actively engages in the process of cleaning and televising the City's sanitary sewer piping and manhole system. The existing sewer vacuum truck (Equipment #139) was purchased in 1998 and has reached the end of its useful life due to excessive down time and repairs. The vacuum truck is an essential piece of equipment in ensuring the City's sewer infrastructure is clean, free from blockages, and intact.

The Florida Sheriffs Association cooperative purchasing program provides competitive bid pricing for a variety of vehicles, equipment, and materials that have been vetted through a bid process administered by the Florida Sheriffs Association. It equates to a tremendous savings to the City in the form of reduced staff time preparing bids, reduced costs of purchased items due to the scale of contract, and an overall efficient method to procure items. Rechtein International Trucks and Pat's Pump and Blower won the Florida Sheriffs Association bid award for the subject truck chassis and vacuum body and associated equipment. As a cooperative purchase, this purchase is authorized by the City's Procurement Code.

The account for which the purchase of this equipment will be made is an Internal Service Fund – Repair and Replacement account and the allocated funds for this purchase have been budgeted for Fiscal Year 2015 Capital Improvement program.

MOTION:

I motion to approve / not approve Purchase Orders with Rechtien International Trucks for $98,420 and Pat's Pump and Blower for $209,766.36 through the Florida Sheriffs Association cooperative purchasing program.

ATTACHMENT(S):

Fiscal Impact Analysis
Florida Sheriffs Association contract quote from Pat's Pump and Blower
Florida Sheriffs Association contract quote from Rechtien International Trucks

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	308,186.36	0	0	0	0
Operating Expenditures	0	0	0	0	0
External Revenues	0	0	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
Net Fiscal Impact	308,186.36	0	0	0	0
No. of Addn'l Full-Time Employee Positions	0	0	0	0	0

B. Recommended Sources of Funds/Summary of Fiscal Impact:

Utilities
Water/Sewer

Account Number	Account Description	FY2015 Budget	Project #	Pre Exp; Balance	Expenditure for this item	Post Exp; Balance
403-7221-535.46-99	Repair/Maintenance internal service fund	325,000	N/A	325,000	$308,186.36	16,813.64

C. Department Fiscal Review: _____

3/2/2015

Rechtien International Trucks, Inc

FLORIDA SHERIFF'S ASSOCIATION Contract 14-12-0904

Customer: City of lake Worth

Specification:	14	**Region:**	Southern	**Quantity**	**Unit Cost**	**extended**
Base Price:				1	$ 88,574.00	$88,574.00
Contract Options:						
66GVWR	66,000 GVWR pkg (included with order code SEWERVAC3)			1	Included	Included
SEWERVAC3	Cab & chassis for Aquatech machine			1	$ 9,321.00	$ 9,321.00
16SDC	Exterior grab handle(s) (included with order code SEWERVAC3)			1	Included	Included
8718	Power source - lighter recptacle type			1	$ 30.00	$ 30.00
8WPZ	Test exterior lights - pre-trip exterior light inspection			1	$ 42.00	$ 42.00
60AAA	Remote Power Module for body builder installation interface			2	Included	Included
5718	Tilt steering column			1	$ 125.00	$ 125.00
LEDPKG	LED lighting package			1	$ 563.00	$ 563.00
15SGD	100 gallon non-polished aluminum fuel tank, driver side			1	Included	Included
						$ -
62GVWR	62,000 GVWR pkg in lieu of 66,000 GVWR pkg			1	$ (235.00)	$ (235.00)
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
Non-Contract Options:						
						$ -
						$ -
						$ -
						$ -
Total:					$ 98,420.00	$ 98,420.00
			****Florida Waste Tire Fee**	**10**	$ 1.00	$ 10.00
			****Florida Waste Battery Fee**	**2**	$ 1.50	$ 3.00
Total Purchase Order Amount:					**$ 98,420.00**	**$ 98,420.00**

Cab Color:	white
Body Color:	N/A

**included in base price

Prepared By:
John Bradley
Rechtien International Trucks, Inc.
3787 Interstate Park Road
Riviera Beach, FL 33404
office - 561.882.9050
fax - 561.882.0218
cell - 561.818.4374
email - bradley@rechtien.com

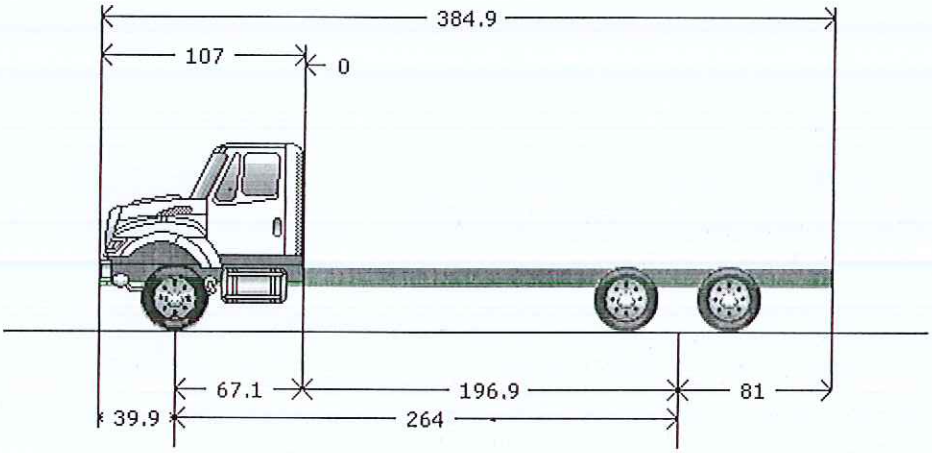
INTERNATIONAL®

March 02, 2015

Prepared For:
City of Lake Worth - Garage
Tim Lane
7 N Dixie Hwy
Lake Worth, FL 33460-3787
(561)586 - 1638
Reference ID: #14 SEWERVAC3

Presented By:
RECHTIEN INTERNATIONAL TRUCKS, INC.
John W Bradley
3787 INTERSTATE PARK ROAD
RIVIERA BEACH FL 33404 -
(866)882-9050

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
2016 7400 SBA 6X4 (SF625)

MISSION:	Requested GVWR: 62000. Calc. GVWR: 62000
DIMENSION:	Wheelbase: 264.00, CA: 196.90, Axle to Frame: 81.00
ENGINE, DIESEL:	{Navistar N10} EPA 10, SCR, 350 HP @ 2000 RPM, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000_RDS_P} 5th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-16-143A} Wide Track, I-Beam Type, 16,000-lb Capacity
AXLE, REAR, TANDEM:	{Meritor RT-46-160} Single Reduction 46,000-lb Capacity, 200 Wheel Ends Gear Ratio: 6.14
CAB:	Conventional
TIRE, FRONT:	(2) 315/80R22.5 UNISTEEL G291 (GOODYEAR) 491 rev/mile, load range J, 18 ply
TIRE, REAR:	(8) 11R22.5 G661 HSA (GOODYEAR) 497 rev/mile, load range G, 14 ply
SUSPENSION, REAR, TANDEM:	{Hendrickson RT-463} Walking Beam Type 54" Axle Spacing; 46,000-lb Capacity With Bronze Center Bushings
FRAME REINFORCEMENT:	Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312"; (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL
PAINT:	Cab schematic 100GN Location 1: 9219, Winter White (Std) Chassis schematic N/A

Code	Description
SF62500	Base Chassis, Model 7400 SBA 6X4 with 264.00 Wheelbase, 196.90 CA, and 81.00 Axle to Frame.
1570	TOW HOOK, FRONT (2) Frame Mounted
1CBU	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 480.0" (12192) Maximum OAL
1GBP	FRAME REINFORCEMENT Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312"; (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL
1LLA	BUMPER, FRONT Steel, Swept Back
	Includes : BUMPER, FRONT Powder Coated Gray (Argent) Color
1WGZ	WHEELBASE RANGE 264" (670cm) Through and Including 311" (790cm)
1WTU	FRAME ADDITION, FRONT 1" Integral; Increases BBC, BA and OAL Vehicle Dimensions By 1"
2ARU	AXLE, FRONT NON-DRIVING {Meritor MFS-16-143A} Wide Track, I-Beam Type, 16,000-lb Capacity
	Notes : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.
3ADE	SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 16,000-lb Capacity; With Shock Absorbers
	Includes : SPRING PINS Rubber Bushings, Maintenance-Free
	Notes : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
	Includes : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : DUST SHIELDS, FRONT BRAKE : DUST SHIELDS, REAR BRAKE : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE Bendix On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SLACK ADJUSTERS, FRONT Automatic : SLACK ADJUSTERS, REAR Automatic : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4
	Notes : Rear Axle is Limited to 46,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Standard Rear Air Cam Brakes Regardless of Axle /Suspension Ordered.
4193	BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers
	Notes : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.
4732	DRAIN VALVE {Berg} Manual; With Pull Chain, for Air Tank
	Includes : DRAIN VALVE Mounted in Wet Tank
4AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)

Code	Description
4EBT	AIR DRYER {Bendix AD-IP} With Heater Includes : AIR DRYER LOCATION Inside Left Rail, Back of Cab
4ETE	BRAKE CHAMBERS, FRONT AXLE {Haldex} 24 SqIn
4EVL	BRAKE CHAMBERS, REAR AXLE {Haldex GC3030LHDHO} 30/30 Spring Brake Includes : BRAKE CHAMBERS, SPRING (2) Rear Parking; WITH TRUCK BRAKES: All 4x2, 4x4; WITH TRACTOR BRAKES: All 4x2, 4x4; 6x4 & 6x6 with Rear Tandem Axles Less Than 46,000-lb. or GVWR Less Than 54,000-lb. : BRAKE CHAMBERS, SPRING (4) Rear Parking; WITH TRUCK BRAKES: All 6x4, 6x6; WITH TRACTOR BRAKES: 6x4 & 6x6 with Rear Tandem Axles 46,000-lb. or Greater or GVWR of 54,000-lb. or Greater
4NDB	BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake Notes : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.
4SBC	AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity
4VGL	AIR TANK LOCATION (2) : Two Mounted Outside Right Rail, Under Cab, On Beveled Mounting Brackets
5708	STEERING COLUMN Tilting
5CAL	STEERING WHEEL 2-Spoke, 18" Diam., Black
5PTB	STEERING GEAR (2) {Sheppard M-100/M-80} Dual Power
7BHT	EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device Frame Mounted Right Side Under Cab; Includes Vertical Tail Pipe with Guard Includes : EXHAUST HEIGHT 10' Exhaust Height - Based on Empty Chassis with Standard Components (+ or - 1" Height) : MUFFLER/TAIL PIPE GUARD Non-Bright Finish
7WAE	RAIN CAP With Single Exhaust, Non-Bright Finish
7WZX	SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter Regeneration When Switch is Moved to ON While Engine is Running, Resets When Ignition is Turned OFF
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment Includes : BATTERY BOX Steel with Plastic Lid : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab : FUSES, ELECTRICAL SAE Blade-Type : HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : HEADLIGHTS (2) Sealed Beam, Round, with Chrome Plated Bezels : JUMP START STUD Located on Positive Terminal of Outermost Battery : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : RUNNING LIGHT (2) Daytime, Included With Headlights : STARTER SWITCH Electric, Key Operated : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature

Code	Description
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted : WIRING, CHASSIS Color Coded and Continuously Numbered
8518	CIGAR LIGHTER Includes Ash Cup
8718	POWER SOURCE Cigar Type Receptacle without Plug and Cord
8875	BATTERY TERMINALS Sealed
8GXD	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, With Remote Sense
8HAB	BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn
8MKL	BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total
8NAA	TAIL LIGHT WIRING MODIFIED Includes: Wiring for Standard Lt & Rt Tail Lights; Separate 8.0' of Extra Cable Wiring for Lt & Rt Body Mounted Tail Lights
8RKB	RADIO {Panasonic CQ120} AM/FM, Includes Multiple Speakers, Includes Auxiliary Input
	Includes : SPEAKERS IN CAB (2) Dual-Cone with Deluxe Interior : SPEAKERS IN CAB (4) Coaxial with Premium Interior
8THB	BACK-UP ALARM Electric, 102 dBA
8TMH	SWITCH, AUXILIARY Accessory Control; for Wiring in Roof, With Maximum of 20 amp Load With Switches In Instrument Panel
8TPS	STOP, TURN, TAIL & B/U LIGHTS {Weldon LED Multi-Function Lamp} Mounted Inside Rails
8TRV	BATTERY CABLES With 2 Auxiliary Sealed Battery Posts, 1 Positive and 1 Negative
8VAY	HORN, ELECTRIC Disc Style
8WCL	HORN, AIR Black, Single Trumpet, Air Solenoid Operated
8WEJ	BATTERY BOX Steel, With Fiberglass Cover, 35" Back of Cab, Mounted Left Side Perpendicular to Frame Rail
8WGD	SOLENOID, AIR for Customer Use; Provides (4) Normally Closed Pilot Air Source, Approx. 4 CFM, Includes Latched Switch in Cab; Air Available Only With Key in "Ignition" or "Accessory" Position; Air Will Exhaust with Key in "Off" Position
	Notes : To Be Used as a Pilot Air and NOT as an Air Supply.
8WML	HEADLIGHTS Long Life Halogen; for Two Light System
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights
8WWJ	INDICATOR, LOW COOLANT LEVEL With Audible Alarm
8WXG	STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start
	Notes : This starter is designed to work reliably without the need for thermal overcrank protection and provides the same warranty coverage as starters with thermal overcrank protection.

Code	Description
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses
8XGT	TURN SIGNALS, FRONT LED, Includes LED Side Marker Lights, Mounted on Fender
9585	FENDER EXTENSIONS Rubber
9HAN	INSULATION, UNDER HOOD for Sound Abatement
9HBM	GRILLE Stationary, Chrome
9HBN	INSULATION, SPLASH PANELS for Sound Abatement
9WBC	FRONT END Tilting, Fiberglass, With Three Piece Construction; for 2007 & 2010 Emissions
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
	Includes : PAINT SCHEMATIC ID LETTERS "GN"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
11001	CLUTCH Omit Item (Clutch & Control)
12712	OIL FILTER, ENGINE {Hudgins Model 960 Spinner}
12NWJ	ENGINE, DIESEL {Navistar N10} EPA 10, SCR, 350 HP @ 2000 RPM, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)
12THZ	FAN DRIVE {Horton Drivemaster Polar Extreme} Direct Drive Type, Two Speed, With Residual Torque Device for Disengaged Fan Speed
	Includes : FAN Nylon
12UCV	RADIATOR Aluminum, Cross Flow, Series System; 1228 SqIn Core and 648 SqIn Charge Air Cooler
12UNR	FEDERAL EMISSIONS EPA, OBD and GHG Certified for Calendar Year 2015; N9 & N10 Engines
12VBC	AIR CLEANER Single Element
	Includes : GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel
12VZA	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxForce and Navistar post 2007 Emissions Electronic Engines
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Idle Regulations
13AVR	TRANSMISSION, AUTOMATIC {Allison 3000_RDS_P} 5th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max.
13WAW	OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil, for Allison or CEEMAT Transmission
13WBL	TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints
13WUH	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); Airport Refueler, Sewer Evac
13WYU	SHIFT CONTROL PARAMETERS Allison 3000 or 4000 Series Transmissions, 5th Generation Controls, Performance Programming

Code	Description
14GRD	AXLE, REAR, TANDEM {Meritor RT-46-160} Single Reduction 46,000-lb Capacity, 200 Wheel Ends . Gear Ratio: 6.14 Includes : POWER DIVIDER LOCK Electric over Air Operated, Cab Control with Indicator Light : REAR AXLE DRAIN PLUG (2) Magnetic, For Tandem Rear Axle Notes : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires. : When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance
14UHK	SUSPENSION, REAR, TANDEM {Hendrickson RT-463} Walking Beam Type 54" Axle Spacing; 46,000-lb Capacity With Bronze Center Bushings Includes : CROSSMEMBER, SUSPENSION Stamped Steel Double Dogbone Notes : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.
14WAL	SUSPENSION/REAR-AXLE IDENTITY for Meritor Tandem Rear Axles With Bar-Pin Beam Attachment Type Suspensions
15SGD	FUEL TANK Top Draw; D Style, Non Polished Aluminum, 19.0" Tank Depth, 100 U.S. Gal., 378.5 L Capacity, Mounted Left Side Under Cab
16030	CAB Conventional Includes : ARM REST (2) Molded Plastic; One Each Door : COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window : CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel : DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted : GLASS, ALL WINDOWS Tinted : GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side : GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side : INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color : STEP (4) Two Steps Per Door
16HBA	GAUGE CLUSTER English With English Electronic Speedometer Includes : GAUGE CLUSTER (6) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter, Washer Fluid Level : ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout : WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)
16HGH	GAUGE, OIL TEMP, ALLISON TRAN
16HHE	GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} With Black Bezel Mounted in Instrument Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16JNT	SEAT, DRIVER {National 2000} Air Suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, With 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust Includes : SEAT BELT 3-Point, Lap and Shoulder Belt Type
16SDE	MIRROR, CONVEX, LOOK DOWN {Lang Mekra} Right Side; 6" x 10 1/4"

Code	Description
16SEE	GRAB HANDLE Chrome; Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar
16SMN	SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl
16SNA	MIRRORS (2) {Lang Mekra} Rectangular 7.55" x 14.1" Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Black Heads, Brackets and Arms
16WCT	AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster Includes : HEATER HOSES Premium : HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps : REFRIGERANT Hydrofluorocarbon HFC-134A
16WJS	INSTRUMENT PANEL Center Section, Flat Panel
16WKY	HVAC FRESH AIR FILTER
16WLE	STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood
16WRX	CAB INTERIOR TRIM Deluxe Includes : "A" PILLAR COVER Molded Plastic : CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering : CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket : DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors : FLOOR COVERING Rubber, Black : HEADLINER Soft Padded Cloth : INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section : STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door : SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console
16WSK	CAB REAR SUSPENSION Air Bag Type
27DMW	WHEELS, FRONT DISC; 22.5" Painted Steel, 5-Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 9.00 DC Rims; With Steel Hubs. Includes : PAINT IDENTITY, FRONT WHEELS White Notes : Compatible Tire Sizes: 12R22.5, 295/75R22.5, 295/80R22.5, 315/80R22.5
28DMA	WHEELS, REAR {Accuride} DUAL DISC; 22.5" Painted Steel, 2-Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs Includes : PAINT IDENTITY, REAR WHEELS White Notes : Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22,5 : The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.
60AAB	BDY INTG, REMOTE POWER MODULE (2) Mounted Under Cab or On Battery Box; Up to 6 Outputs & 6 Inputs each, Max. 20 amp. per Channel, Max. 80 amp. Total per Power Module (Includes 12 Latched Switches)

Code	Description
60ACW	BDY INTG,I/O EXPANSION HARNESS {for Diamond Logic Builder} In-Cab wire harness (DLB) program only, Includes a harness with five blunt cut wires routed on lower left of instrument panel. Two ground active inputs and two (.5Amp) relay drivers outputs are provided
7372138107	(8) TIRE, REAR 11R22.5 G661 HSA (GOODYEAR) 497 rev/mile, load range G, 14 ply
7702540190	(2) TIRE, FRONT 315/80R22.5 UNISTEEL G291 (GOODYEAR) 491 rev/mile, load range J, 18 ply
OBD001	TRANSMISSION TCM LOCATION Omit
	Cab schematic 100GN
	Location 1: 9219, Winter White (Std)
	Chassis schematic N/A
	Services Section:
40115	WARRANTY Standard for WorkStar 7300/7400 (4x2, 4x4, 6x4, 6x6), Effective with Vehicles Built January 2, 2015 or Later, CTS-2002U

BID AWARD ANNOUNCEMENT

14-12-0904

Effective Dates:
October 3, 2014– September 30, 2015

Cab & Chassis Trucks
& Other Fleet Equipment

Participating Sheriffs Offices & Local Governmental Agencies of the State of Florida

Coordinated By

The
Florida Sheriffs Association
& Florida Association of Counties

MEMO

FLORIDA SHERIFFS ASSOCIATION
P. O. Box 12519 • Tallahassee, FL 32317-2519
PHONE (850) 877-2165 • FAX (850) 878-8665
WEB SITE: www.flsheriffs.org

DATE: October 3, 2014

TO: **ALL PROSPECTIVE PARTICIPANTS**

FROM:

Steve Casey	Becky Keillor	Peggy Goff	Drew Terpak
Executive Director	Bid Coordinator	Assistant Executive Director	Business Operations Manager

RE: **Cab & Chassis Trucks**
& Other Fleet Equipment
BID NO.: 14-12-0904

We are pleased to announce that the Florida Sheriffs Association and the Florida Association of Counties has successfully conducted its 12th statewide competitive bid for vehicles which includes trucks, backhoes, motorgraders, agriculture type tractors, skid steer loaders, street sweepers, generators, and light towers. **This contract is effective beginning October 3, 2014 through September 30, 2015, as long as vehicles are available through fleet.**

Bids will be extended and guaranteed to any and all units of local governments and political subdivisions including, but not limited to, county, local county board of public instruction, municipalities and/or police agencies, other local public or public safety agencies or authorities within the State of Florida. In addition, bids will be extended and guaranteed to any other entities approved by manufacturers to participate in this contract.

In order to ensure quality service for our user agencies, we are requesting each of you to notify the Florida Sheriffs Association regarding any problems encountered in working with the awarded dealers. Any issues, including but not limited to, receipt of confirmation of order, delivery problems and communication problems, should be reported to us by e-mail at dterpak@flsheriffs.org. This information will be considered in future bid awards in order to ensure that agencies are receiving the level of service required of dealers who wish to participate in this program.

All interested parties who wish to purchase from this contract may do so by following these simple procedures:

ORDERING INSTRUCTIONS

1. Contact the awarded dealership listed in the zone from which you wish to purchase and advise them of your interest to purchase from **Bid No. 14-12-0904**. They will assist you with the placement of your order and answer any questions you may have regarding the

vehicles purchased through this program. **You can only purchase from a dealer who is listed as a winner of one of the four zones for the vehicle you wish to purchase. However, you may purchase from any awarded dealer within any zone (additional delivery fees may apply).**

Agencies ordering a FORD, GENERAL MOTORS, CHRYSLER, or TOYOTA product, please be advised that you must use the appropriate FIN CODE/FAN CODE for the Florida Sheriffs Association in order to obtain the manufacturer's concessions. Also, you must use your FIN CODE/FAN CODE as a secondary number. For further assistance call the Fleet Customer Information Center for your appropriate manufacturer.

Manufacturer	**Type Code**	**FSA Code**	**Fleet Center Contact Numbers**	
FORD	FIN CODE	QE065	1-800-34-FLEET	(1-800-343-5338)
GENERAL MOTORS	FAN CODE	917872	1-800-FLEET OP	(1-800-353-3867)
CHRYSLER	FAN CODE	48830	1-800-999-FLEET	(1-800-999-3533)
TOYOTA	FIN CODE	GE159	1-800-732-2798	

2. **YOU MUST send a copy of the original purchase order (including FSA's Contract No. 14-12-0904) submitted to the participating dealer by mail or electronically to:**

   Florida Sheriffs Association
   P. O. Box 12519
   Tallahassee, Florida 32317-2519
   ATTN: Becky Keillor, Cooperative Bid Coordinator
   bkeillor@flsheriffs.org

3. **Basic information required on all purchase orders** is listed in this Bid Award Announcement. Purchase orders lacking the required basic information listed may result in the delay of placement and/or confirmation of orders. **NOTE**: **The agency is responsible for obtaining a "Confirmation of Order" from the respective dealership. Dealers are required to complete a "Confirmation of Order" and send it to the purchaser within fourteen (14) calendar days after receipt of purchase order. Purchasers are encouraged to contact the dealer if a "Confirmation of Order" has not been received within a reasonable time.**

   Purchasers are reminded that the issuance of a purchase order does not in itself guarantee the placement of an order.

4. Agencies which elect to purchase from this contract will incur the following administrative fees:
   - **Cab & Chassis Trucks & Other Fleet Equipment** – Dealers have included a three-quarter of one percent (.0075) administrative fee in the base price and all add options that are listed. The three quarters of one percent (.0075) will also be included in any additional equipment (add options) the dealers quote to the governmental agencies.

5. In order to ensure quality service for our user agencies, we are requesting that you notify the Florida Sheriffs Association regarding any problems encountered in working with the awarded dealers. Any issues, including but not limited to, receipt of confirmation of order, delivery problems and communication problems, should be reported to us by e-mail at dterpak@flsheriffs.org. This information will be considered in future bid awards in order to ensure that agencies are receiving the level of service required of dealers who wish to participate in this program.

6. Add/delete options might include a superscript listed by the Order Code. The purpose of the superscript is to identify which options correlate to a specific dealer. Superscripts will be a number between 1 and 4, and will correspond as follows:

   1 = Western zone dealer
   2 = Northern zone dealer

3 = Central zone dealer
4 = Southern zone dealer

If a dealer has been awarded more than one zone, they will only have one superscript number assigned, and it will be the lowest numerical number that applies to their awarded zones. For example, if a dealer is awarded the northern and southern zones, their add/delete options for both zones will be represented by a “2” superscript.

Options are intended to add or delete equipment and/or features from the base vehicle specification, and to allow for an upgrade or downgrade to a manufacturer’s model with a slightly different engine size or horsepower, and as such, will not be made available for purchase separate from the base vehicle.

FLORIDA SHERIFFS ASSOCIATION
& FLORIDA ASSOCIATION OF COUNTIES

52,000 LB. GVWR CAB & CHASSIS - 4X6 TANDEM AXLE TRUCK
SPECIFICATION #14

2015 International Workstar

The International Workstar purchased through this contract comes with all the standard equipment as specified by the manufacturer for this model and FSA's base vehicle specification(s) requirements which are included and made a part of this contract's vehicle base price as awarded by specification by zone.

ZONE:	Western	Northern	Central	Southern
BASE PRICE:	$89,970.00	$89,470.00	$88,725.00	$88,574.00

While the Florida Sheriffs Association and Florida Association of Counties have attempted to identify and include those equipment items most often requested by participating agencies for full size vehicles, we realize equipment needs and preferences are going to vary from agency to agency. In an effort to incorporate flexibility into our program, we have created specific add/delete options which allow the purchaser to tailor the vehicle to their particular wants or needs.

The following equipment delete and add options and their related cost are provided here to assist you in approximating the total cost of the type vehicle(s) you wish to order through this program. Simply deduct the cost of any of the following equipment items you wish deleted from the base unit cost and/or add the cost of any equipment items you wish added to the base unit cost to determine the approximate cost of the type vehicle(s) you wish to order.

NOTE: An official listing of all add/delete options and their prices should be obtained from the appropriate dealer in your zone when preparing your order. Additional add/delete options other than those listed here may be available through the dealers, however, those listed here must be honored by the dealers in your zone at the stated prices.

VEHICLE:	Workstar			
DEALER:	Mauldin International Truck	Mauldin International Truck	SUN STATE INTERNATIONAL TRUCKS, LLC.	Rechtien International Trucks, Inc
ZONE:	Western	Northern	Central	Southern
BASE PRICE:	$89,970.00	$89,470.00	$88,725.00	$88,574.00

Order Code	Delete Options	Western & Northern	Central	Southern
7400300 [1] 7400 [2] SF525300 [3]	Engine/transmission - specify *7400 6X4 WITH 300HP N9 ENGINE AND ALLISON 3000 OR 3500 RDS TRANSMISSION* [1] *7400 6 x4 w/ ENGINE, DIESEL {Navistar N9} EPA 10, SCR, 300 HP WITH 3000 RDS OR 3500 RDS AUTO TRANSMISSION* [2] *Workstar 7400 6x4 with N9 300 HP 860 ft/ln torque and Allison 3000 RDS or 3500 RDS transmission* [3]	$7,298.00[1]	$9,925.00[2]	$9,815.00[3]
7400315 [1] 7400 [2] SF525315 [3]	Engine/transmission - specify *7400 6X4 WITH 315HP N9 ENGINE AND ALLISON 3000 OR 3500 RDS TRANSMISSION* [1] *7400 6 x 4 w/ ENGINE, DIESEL {Navistar N9} EPA 10, SCR, 330 hp WITH 3000 OR 3500 RDS AUTO TRANSMISSION* [2] *Workstar 7400 6x4 with N9 315 HP 950 ft/ln torque and Allison 3000 RDS or 3500 RDS transmission* [3]	$6,608.00[1]	$9,415.00[2]	$9,060.00[3]
7400330 [1] 7500 [2] SF537330 [3]	Engine/transmission - specify *7400 6X4 WITH 330HP N9 ENGINE AND ALLISON 3000 OR 3500 RDS TRANSMISSION* [1] *7500 6 x 4 w/ ENGINE, DIESEL {Navistar N10} EPA 10, SCR, 310 WITH 3000 OR 3500 RDS AUTO TRANSMISSION,* [2] *Workstar 7500 6x4 with N10 330 HP 1150 ft/ln torque and Allison 3000 RDS transmission* [3]	$4,136.00[1]	$3,900.00[2]	$2,769.00[3]
7500350 [1] 7500 [2] SF537350 [3]	Engine/transmission - specify *7500 6X4 WITH 350HP N9 ENGINE AND ALLISON 3000 OR 3500 RDS TRANSMISSION* [1] *7500 6 x 4 w/ ENGINE, DIESEL {Navistar N10} EPA 10, SCR, 350 HP WITH 3000 OR 3500 RDS AUTO TRANSMISSION* [2] *Workstar 7500 6x4 with N10 350 HP 1150 ft/ln torque and Allison 3000 RDS transmission* [3]	$3,654.00[1]	$2,940.00[2]	$2,287.00[3]

Order Code	Add Options	Western & Northern	Central	Southern
12BCN [1] 12BCP [2] 12BCP [3]	Engine upgrade - specify *N13 370HP 1350 TORQUE* [1] *N13 390P 1450 TORQUE AVAIL WITH MANUAL OR ALLISON TRANSMISSION* [2] *N13 390 HP 1450 ft/lb torque* [3]	NC[1]	$224.00[2]	$224.00[3]
12BCP [1] 12BCR [2] 12BCR [3]	Engine upgrade - specify *N13 390HP 1450 TORQUE* [1] *N13 410P 1450 TORQUE AVAIL WITH MANUAL OR ALLISON TRANSMISSION* [2] *N13 410 HP 1450 ft/lb torque* [3]	$224.00[1]	$1,962.00[2]	$1,960.00[3]
12BCR [1] 12BCS [2] 12BCS [3]	Engine upgrade - specify *N13 410HP 1450 TORQUE* [1] *N13 430P 1550 TORQUE AVAIL WITH FRO 15210C OR ALLISON TRANSMISSION* [2] *N13 430 HP 1550 ft/lb torque. Requires order code 13GPH, 13GHX, 13GKJ, 13GKL manual transmission or 13ATR or 13AUW automatic transmission* [3]	$2,312.00[1]	$3,089.00[2]	$2,180.00[3]

VEHICLE:	Workstar			
DEALER:	Mauldin International Truck	Mauldin International Truck	SUN STATE INTERNATIONAL TRUCKS, LLC.	Rechtien International Trucks, Inc
ZONE:	Western	Northern	Central	Southern
BASE PRICE:	$89,970.00	$89,470.00	$88,725.00	$88,574.00

12BCS [1] 12BAW [2] 12BCT [3]	Engine upgrade - specify *N13 430HP 1550 TORQUE* [1] *N13 475HP 1700 TORQUE AVAIL WITH FRO 17210C OR ALLISON TRANSMISSION* [2] *N13 430 HP 1550 ft/lb torque. Requires order code 13GPH, 13GHX, 13GKJ, 13GKL manual transmission or 13ATR or 13AUW automatic transmission* [3]	$2,910.00[1]	$4,814.00[2]	$2,900.00[3]
12BCT [1]	Engine upgrade - specify *N13 475HP 1700 TORQUE* [1]	$4,171.00[1]	NA	NA
13AVR [1] 13AVJ [2] 13AVR [3]	Transmission upgrade - specify *ALLISON 3000 RDS WITH STD ENGINE* [1] *3000 RDS AUTOMATIC WITH 365 HP N13 ENGINE* [2] *Allison 3000 RDS automatic transmission. Available with N13 365 HP engine only. Contact dealer for availability* [3]	$6,077.00[1]	$6,877.00[2]	$6,569.00[3]
13GHP [1] 13GHP [2] 13GHP [3]	Transmission upgrade - specify *FRO-15210-C* [1] *FRO 15210C 10 SPEED UPGRADE* [2] *FRO-1510C 10-speed with overdrive manual transmission. Requires 12BCS* [3]	$443.00[1]	$901.00[2]	$443.00[3]
13GHS [1] 13GHS [2] 13GNB [3]	Transmission upgrade - specify *FRO-16210-C* [1] *FRO-16210C 10 SPEED UPGRADE* [2] *FRO-1710C 10-speed with overdrive manual transmission. Requires 12BCT* [3]	$613.00[1]	$1,265.00[2]	$1,079.00[3]
13GNB [1] 13GNB [2]	Transmission upgrade - specify *FRO17210-C* [1] *FRO-17210C 10 SPEED UPGRADE* [2]	$1,329.00[1]	$1,807.00[2]	NA
13GHX [1] 13GHX [2]	Transmission upgrade - specify *RTLO-16908LL* [1] *RTO-16908LL 8LL UPGRADE* [2]	$2,928.00[1]	$3,028.00[2]	NA
58000GVW [1] 58000 GVW [2] 58GVWR [3]	58,000 lb. GVWR package *18,000 FRONT AXLE 40,000 REAR AXLE AND SUSPENSION DOUBLE FRAME FLOAT FRONT TIRES TO MATCH* [1] *18000 FRONT AXLE, 40000 REAR AXLE, DOUBLE FRAME 385 FRONT FLOAT TIRES, FEDER EXTENSIONS* [2] *18000 lbs. front axle, 40000 lbs. rear axle, 385/65R22.5 front tires with 12-22.5 front wheels. Includes order code 1GBP double frame* [3]	$7,537.00[1]	$7,537.00[2]	$3,322.00[3]
64000GVW [1] 64000 GVW [2] 62GVWR [3]	64,000 lb. GVWR package *18,000 FRONT AXLE 46,000 REAR AXLE AND SUSPENSION DOUBLE FRAME FLOAT FRONT TIRES TO MATCH* [1] *18000 FRONT AXLE, 46000 REAR AXLE, RT463 REAR SUSPENSION, DOUBLE FRAME 425 FRONT FLOAT TIRES, FEDER EXTENSIONS* [2] *16000 lbs. front axle, 46000 lbs. rear axle, 315/80R22.5 front tires with 9-22.5 front wheels. Includes order codes 1GBP double frame and 14HRB* [3]	$10,140.00[1]	$10,140.00[2]	$6,736.00[3]
60000GVW [1] 60000 GVW [2] 60GVWR [3]	GVWR upgrade - specify *20,000 FRONT AXLE 40,000 REAR AXLE AND SUSPENSION DOUBLE FRAME FLOAT FRONT TIRES TO MATCH* [1] *20000 FRONT AXLE, 40000 REAR AXLE, DOUBLE FRAME, 425 FRONT FLOAT TIRES, FENDER EXTENSIONS* [2] *20000 lbs. front axle, 40000 lbs. rear axle, 425/65R22.5 front tires with 12-22.5 front wheels. Includes order codes 1GBP double frame and 2ARY 20,000 front axle.* [3]	$8,135.00[1]	$8,135.00[2]	$3,679.00[3]

VEHICLE:	Workstar			
DEALER:	Mauldin International Truck	Mauldin International Truck	SUN STATE INTERNATIONAL TRUCKS, LLC.	Rechtien International Trucks, Inc
ZONE:	Western	Northern	Central	Southern
BASE PRICE:	$89,970.00	$89,470.00	$88,725.00	$88,574.00

66000GVW [1] 66000 GVW [2] 66GVWR [3]	GVWR upgrade - specify *20,000 FRONT AXLE 46,000 REAR AXLE AND SUSPENSION DOUBLE FRAME FLOAT FRONT TIRES TO MATCH* [1] *20000 FRONT AXLE, 46000 REAR AXLE, RT463 REAR SUSPENSION, DOUBLE FRAME, 425 FRONT FLOAT TIRES, FENDER EXTENSIONS* [2] *20000 lbs. front axle, 46000 lbs. rear axle, 425/65R22.5 front tires with 12-22.5 front wheels. Includes order codes 1GBP double frame, 14HRB 46,000 rear axle and 2ARY 20,000 front axle.* [3]	$10,860.00[1]	$10,860.00[2]	$6,971.00[3]
	GVWR upgrade - specify	NA	NA	NA
	GVWR upgrade - specify	NA	NA	NA
	GVWR upgrade - specify	NA	NA	NA
	Bi-fuel model - specify	NA	NA	NA
	CNG prep - specify	NA	NA	NA
	CNG conversion (discuss with dealer)	NA	NA	NA
	LPG conversion (discuss with dealer)	NA	NA	NA
15DMV [1] 15SGZ [2]	Dual fuel tanks, or equivalent *DUAL 70 GALLON FUEL TANKS* [1] *DUAL 80 GALLON NON POLISHED ALUMINUM TANKS* [2]	$943.00[1]	$175.00[2]	NA
	Nitrogen filled tires including spare tire	NA	NA	NA
13ATR [1] 13ATR [2] 13ATR [3]	Allison 4000RDS Auto Transmission to include synthetic oil, TES 295 or approved equivalent *Allison 4000 RDS automatic transmission* [3]	$13,160.00[1]	$21,400.00[2]	$14,949.00[3]
13AUW [1] 13AUW [2] 13AUW [3]	Allison 4500RDS Auto Transmission to include synthetic oil, TES 295 or approved equivalent *Allison 4500 RDS automatic transmission* [3]	$15,058.00[1]	$23,799.00[2]	$15,993.00[3]
1GBP [1] 1GBP [2] 1GBP [3]	Double Frame: full steel insert *DOUBLE C CHANNEL FRAME* [2] *Double 'C' Channel* [3]	$1,700.00[1]	$1,700.00[2]	$1,700.00[3]
2ARV [1] 2ARV [2] 2AVR [3]	Front Axle: 14,000 lb rating to include equal capacity steering gear and springs *14000 FRONT AXLE, 14000 FRONT SPRINGS 12/422.5 16PR FRONT TIRES* [2] *Includes 12R22.5 fron tires* [3]	$1,077.00[1]	$1,077.00[2]	$1,079.00[3]
	Front Axle: 14,600 lb rating to include equal capacity steering gear and springs	NA	NA	NA
2AUR [1] 2AUR [2] 2ARU [3]	Front Axle: 16,000 lb rating to include equal capacity steering gear and springs *16000 FRONT AXLE, 16000 FRONT SPRINGS, 315 FLOAT TIRES, 9 IN RIMS, HEAVY SINGLE FRAME* [2] *Includes 315/80R22.5 front tires with 9-22.5 front wheels.Includes order code 1GBP* [3]	$5,520.00[1]	$5,520.00[2]	$2,594.00[3]
2ARZ [1] 2ARZ [2] 2ARZ [3]	Front Axle: 18,000 lb rating to include equal capacity steering gear and springs *18000 FRONT AXLE, 18000 FRONT SPRINGS, 385 FLOAT TIRES, 12.25 IN RIMS, DOUBLE FRAME* [2] *Includes 385/65R22.5 front tires with 12-22.5 front wheels and order code 1GBP* [3]	$5,927.00[1]	$5,927.00[2]	$3,322.00[3]

VEHICLE:	Workstar			
DEALER:	Mauldin International Truck	Mauldin International Truck	SUN STATE INTERNATIONAL TRUCKS, LLC.	Rechtien International Trucks, Inc
ZONE:	Western	Northern	Central	Southern
BASE PRICE:	$89,970.00	$89,470.00	$88,725.00	$88,574.00

2ARY [1] 2ARY [2] 2ARY [3]	Front Axle: 20,000 lb. rating to include equal capacity steering gear and springs *20000 FRONT AXLE, 20000 FRONT SPRINGS, 425 FRONT FLOAT TIRES, 12.25 IN RIMS, DOUBLE FRAME* [2] *Includes 425/65R22.5 front tires with 12-22.5 front wheels and order code 1GBP* [3]	$6,460.00[1]	$6,460.00[2]	$2,829.00[3]
14HRB [1] 14HRB [2] 14HRB [3]	Rear Axle: 46,000 lb Arvin Meritor, Eaton, Mack, or equivalent *RT 46-164 EH* [2] *Meritor 46,000 lbs. capacity rear axle. Includes RT-463 rear suspension* [3]	$5,033.00[1]	$5,033.00[2]	$4,142.00[3]
14WLM [1] 14WLM-2 [2]	Rigid Lift Axle: Pusher / Tag 13,200 lb rating air lift to include 11R-22.5 tires with steel wheels *14WLM WITH 2 TIRES AND RIMS 13200 RATING* [2]	$7,257.00[1]	$7,827.00[2]	NA
14WMA [1] 14WMA [2] 14WMA [3]	Steerable Lift Axle: Pusher / Tag 13,200 lb rating air lift to include 11R-22.5 tires with steel wheels *14WMA WITH 2 TIRES AND RIMS 13200 RATING* [2] *Wheelbase restricted - call dealer for availability. Includes two (2) 11R22.5 tires and wheels* [3]	$10,640.00[1]	$10,640.00[2]	$10,644.00[3]
14WLM-4 [1] 14WLM-4 [2] 14WLM [3]	Rigid Lift Axle: Pusher / Tag 20,000 lb rating air lift to include 11R-22.5 tires with steel wheels *14WMA WITH 4 TIRES AND RIMS 20000 RATING* [2] *Wheelbase restricted - call dealer for availability. Includes four (4) 11R22.5 tires and wheels* [3]	$8,608.00[1]	$8,970.00[2]	$10,300.00[3]
14WME [1] 14WME [2] 14WMM [3]	Steerable Lift Axle: Pusher / Tag 20,000 lb rating air lift to include 11R-22.5 tires with steel wheels *14WME WITH 4 TIRES AND RIMS 20000 RATING* [2] *Wheelbase restricted - call dealer for availability. Includes four (4) 11R22.5 tires and wheels* [3]	$14,180.00[1]	$14,980.00[2]	$15,983.00[3]
14ULU [1] 14ULU [2] 14ULU [3]	Rear Suspension: 40,000 lb air ride *HAS-402-55 INCLUDES DASH MOUNTED DUMP VALVE AND DUAL LEVELING VALVE* [2] *Hendrickson HS-402-55* [3]	$1,740.00[1]	$1,740.00[2]	$1,593.00[3]
14ULY [1] 14ULY [2] 14ULY [3]	Rear Suspension: 46,000 lb Chalmers, Hendrickson, Mack, Volvo "T" ride or equivalent *HMX 460-54* [2] *Hendrickson HMX-460-54* [3]	$1,560.00[1]	$1,560.00[2]	$2,399.00[3]
14ULT [1] 14ULT [2] 14UNX [3]	Rear Suspension: 46,000 lb air ride *HAS 460-55 INCLUDES DASH MOUNTED DUMP VALE AND DUAL LEVELING VALVE* [2] *Hendrickson PRIMAAX EX* [3]	$1,870.00[1]	$1,870.00[2]	$2,604.00[3]
12DMP [1] 12 DUMP [2] FA00055280 [3]	12 yd. dump body with hoist and electric tarp system. State model bid. *OX 12/14 DUMP BODY WITH TARP* [1] *REQUIRES DOUBLE FRAME, INCL ELECTRIC TARP, AIR TAILGATE AND HOTSHIFT PTO FOR ALLISON* [2] *Gar-P or equal 12 yd steel dump body with electric tarp and air operated tailgate. Requires order code 2ARU.* [3]	$17,220.00[1]	$19,985.00[2]	$17,400.00[3]

VEHICLE:	Workstar			
DEALER:	Mauldin International Truck	Mauldin International Truck	SUN STATE INTERNATIONAL TRUCKS, LLC.	Rechtien International Trucks, Inc
ZONE:	Western	Northern	Central	Southern
BASE PRICE:	$89,970.00	$89,470.00	$88,725.00	$88,574.00

18DUM [1] 18 DUMP [2] FA00055282 [3]	18 yd. dump body with hoist and electric tarp system. State model bid. *OX 18/20 YD DUMP BODY WITH TARPO* [1] *RECOMMEND 64000 OR 66000 GVW, REQUIRES DOUBLE FRAME, INCL RELECTRIC TARP, AIR TAILGATE AND HOTSHIFT PTO FRO ALLISON* [2] *Gar-P or equal 18 yard steel dump with electric tarp and air operated tailgate. Requires order code 66GVWR.* [3]	$18,680.00[1]	$22,875.00[2]	$18,920.00[3]
ROLLOFF [1] ROLLOFF [2] FA00055293 [3]	Rolloff hoist system and tarp system. State model bid. *GALBREATH U5-OR-174 WITH PIONEER TARP* [1] *GALBREATH U5-OR174 CABLE HOIST OR EQUAL, INCLUDES TARP SYTEM, 48 IN TOOLBOX , STEEL FENDERS, BASE SPEC WITH 186CT* [2] *Galbreath U5-OR-174 or equal. Includes 48" tool box, steel fenders, Pioneer RP4500ARG tarp system. Recommend option code 64GVWR in lieu of standard 52,000 GVWR . Recommend automatic transmission.* [3]	$43,992.00[1]	$46,245.00[2]	$42,620.00[3]
16WSK [3]	Cab suspension - air ride	Std	Std	Std[3]
DIFLOCK [1] DIFLOK [2] DIFFLOC [3]	Driver controlled differential lock *14GCN 40000 LB DRIVER CONTROLLED LOCKING DIFF BOTH AXLES* [2] *Drfferential Lock - driver controlled - on forward rear and rear rear axles* [3]	$1,354.00[1]	$1,354.00[2]	$1,505.00[3]
VACCHASSIS [1] SEWER VAC CHASSIS [2] 14AZB [3]	Optional mounted body - specify *VAC-CON 10/11YD PREP PACKAGE WITH 350N10 ENGINE DOUBLE FRAME AND 3000RDS TRANSMISSION* [1] *FOR VAC-CON 10-11 YARD COMBINATON MACHINE 350 HP N 10 , 3000 RDS, AIR DRIER, DOUBLE FRAME* [2] *Chalmers 854-46H 46,000 lb. capacity rear suspension with With Standard Restrictor Cans, (8) Torque Rods, Less Shocks* [3]	$3,658.00[1]	$3,858.00[2]	$1,482.00[3]
NW25RL [1] 25 YARD REAR LOADER [2] SEWERVAC1 [3]	Optional mounted body - specify *NEW WAY 25YD REAR LOADER GARBAGE BODY REQUIRES 60000 GVW* [1] *25 YR REAR LOADER REFUSE BODY REQUIRES 60000 GVW, AUTO TRANS AND 160CT* [2] *Cab & chassis for Vac-Con sewer vac machine. Includes 66GVWR - 66,000 lb. GVWR package, Allison 3000RDS automatic transmission, and and N10-350 HP engine* [3]	$67,500.00[1]	$68,675.00[2]	$7,694.00[3]
NWSW31 [1] 31 YD SIDE LOADER [2] SEWERVAC2 [3]	Optional mounted body - specify *NEW WAY 31YD SIDE LOADER GARBAGE BODY REQUIRES 66000GVW* [1] *31 CU YD AUUTOMATED SIDE LOADER, REQUIRES MIN 64000 GVW, 221 CT, AUTOMATICE TRANS, AND DUAL DRIVE CONVERSION* [2] *Cab & chassis for Vactor sewer vac machine. Includes 66GVWR - 66,000 lb. GVWR package, Allison 3000RDS automatic transmission, and and N10-350 HP engine* [3]	$112,500.00[1]	$132,200.00[2]	$8,332.00[3]
RECYCLE [1] DUAL DRIVE [2] SEWERVAC-3 [3]	Optional mounted body - specify *GS MP8229S 29 YD RECYCLE BODY REQUIRES 56,000 MIN GVWR AND 186 CT* [1] *DUAR DRIVE CONVERSION FOR REFUSE BODIES* [2] *Cab & chassis for Vactor sewer vac machine. Includes 66GVWR - 66,000 lb. GVWR package, Allison 3000RDS automatic transmission, and and N10-350 HP engine* [3]	$116,299.00[1]	$11,960.00[2]	$9,321.00[3]
DUALDRIVE [1] RH STANDUP [2] PNTL [3]	Optional mounted body - specify *RIGHT HAND STANDUP CONVERSION FOR REFUSE/RECYCYLE BODIES* [2] *Pintle hook with safety chain rings, glad hands at rear, and trailer lighting plug.* [3]	$12,660.00[1]	$18,750.00[2]	$1,743.00[3]

VEHICLE:	Workstar			
DEALER:	Mauldin International Truck	Mauldin International Truck	SUN STATE INTERNATIONAL TRUCKS, LLC.	Rechtien International Trucks, Inc
ZONE:	Western	Northern	Central	Southern
BASE PRICE:	$89,970.00	$89,470.00	$88,725.00	$88,574.00

RHSTANDUP [1] RECYCLE [2] KC25RL [3]	Optional mounted body - specify *38 YARD OVER THE TOP RECYCLE BODY , REQUIRES AUTOMATIC TRANSMISSION, RECOMMEND R/H STANDUP CONVERSION* [2] *New Way King Cobra 25RL or equal 25 cubic yard rear load refuse body. Includes order code 62GVWR 62,000 lb. GVWR package. Requires automatic transmission.* [3]	$18,500.00[1]	$85,850.00[2]	$75,867.00[3]
SEWERCHAS [1] WATER TANK [2] DP5000 [3]	Optional mounted body - specify *FOR AQUATECH WITH 350 N10 3000RDS REQUIRES 62000 GVW* [1] *Klein K-400 4,000 gallon tank, Epoxy interior finish, hose reel, tool boxes, 58,000 GVW,* [2] *Heil DuraPack 5000 or equal 25 cubic yard rear load refuse body. Includes order code 2ARU 16,000 lb. front axle. Requires automatic transmission.* [3]	$9,900.00[1]	$44,535.00[2]	$76,986.00[3]
SEWVACCAS [1] SEWER VAC CHASSIS [2] RLX25 [3]	Optional mounted body - specify *FOR VACTOR 10 YD WITH 350 N10 3000RDS REQUIRES 66000 GVW* [1] *FOR AQUATECH , 350HP ENGINE, 3000 RDS 62000 GVW* [2] *Pac-Mac RLX25 or equal 25 cubic yard rear load refuse body. Includes order code 62GVWR 62,000 lb. GVWR package. Requires automatic transmission.* [3]	$8,900.00[1]	$9,071.00[2]	$70,120.00[3]
PINTLE [1] SEWER VAC CHASSIS [2] 4000STL [3]	Optional mounted body - specify *30 TON PINTLE HOOK WITH CHAIN SAFETY RINGS AND GLAD HANDS* [1] *FOR VACTOR 10YD , 350 HP ENGINE, 3000 RDS, 66000 GVW* [2] *4200 gallon steel water tank with hydrant fill and PTO driven water pump. Includes order code 62GVWR 62,000 lb. GVWR package. Requires automatic transmission.* [3]	$2,300.00[1]	$6,820.00[2]	$55,626.00[3]
SLUDGE [1] PINTLE [2] TBU6018A [3]	Optional mounted body - specify *EAM 4000 AMTHOR ALUMINUM VACUUM TANK REQUIRES 64000 MIN GVW* [1] *20 TON PINTLE HITCH AND TRAILER AIR LINES INCLUDING GLAD HANDS* [2] *60" x 18" x 18" under body mounted steel tool box. CA restricted contact dealer for availability.* [3]	$62,000.00[1]	$2,250.00[2]	$697.00[3]
14HRE [1] 14HRE [2] 16SDC [3]	Optional equipment - specify *DRIVER CONTROLLED DIFF LOCKS 46K REAR AXLE* [1] *46000 LB DIFF LO9CK DRIVER CONTROLLED BOTH AXLES UPGRADE TO 46000 GVWR REQUIRED* [2] *Exterior grab handle(s) for use with standard cab* [3]	$2,066.00[1]	$2,066.00[2]	$236.00[3]
5708 [1] 5708 [2] 8718 [3]	Optional equipment - specify *TILT STEERING COLUMN* [1] *TILT STEERING COLUMN* [2] *POWER SOURCE Cigar Type Receptacle without plug and cord* [3]	$125.00[1]	$125.00[2]	$30.00[3]
5710 [1] 5710 [2] 8WPR [3]	Optional equipment - specify *TELESCOPIC AND TILTING STEERING COLUMN* [1] *TELESCOPIC & TILT STERRING COLUMN* [2] *Headlights on with wipers - automatically* [3]	$328.00[1]	$328.00[2]	$22.00[3]
16WXD [1] 16WXD [2] 8WPZ [3]	Optional equipment - specify *EXTERIOR SUNSHADE PAINTED CAB COLOR* [1] *EXTERIOR SUNSHADE PAINTED TO MATCH CAB* [2] *Test Exterior Lights - pre-trip exterior light inspection, flashes vehicle lights in specific sequence for walk around inspection* [3]	$202.00[1]	$253.00[2]	$42.00[3]

VEHICLE:	Workstar			
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16WJU [1] 16WJU [2] 8WXB [3]	Optional equipment - specify *POWER WINDOWS AND DOOR LOCK* [1] *POWER WINDOWS & DOOR LOCKS* [2] *HEADLIGHT WARNING BUZZER Sounds When Headlight Switch is on and Ignition Switch is in the "Off" Position* [3]	$367.00[1]	$367.00[2]	$49.00[3]
7SDA [1] 7SDK [2] 60AAA [3]	Optional equipment - specify *JAKE BRAKE* [1] *ENGINE EXHAUST BRAKE* [2] *Remote Power Module for body builder interface - six (6) inputs and six (6) out puts with switches on dash* [3]	$2,155.00[1]	$2,158.00[2]	$575.00[3]
8GXB [1] 8GXB [2] 16WJU [3]	Optional equipment - specify *240 AMP ALTERNATOR* [1] *240 AMP ALTERNATOR* [2] *Power windoes and door locks for use with standard cab* [3]	$450.00[1]	$450.00[2]	$360.00[3]
8MKX [1] 8MKX [2] 5708 [3]	Optional equipment - specify *2775 CCA BATTERIES* [1] *(3) 2775 CCA COMBINED BATTERIES* [2] *Tilt steering column* [3]	$179.00[1]	$179.00[2]	$125.00[3]
LEDPKG [1] LEDPKG [2] 5710 [3]	Optional equipment - specify *LED LIGHT PACKAGE* [1] *LED LIGHT APCKAGE, INCLUDES MARKER LIGHTS, TAIL LIGHTS, BRAKE LIGHTS, AND TAG LIGHT* [2] *Tilt & telescopioc steering column* [3]	$546.00[1]	$546.00[2]	$320.00[3]
15SSD [1] 7SDK [3]	Optional equipment - specify *100 GALLON FUEL TANK* [1] *Jacobs engine compression brake. For use with N13 engine only* [3]	$396.00[1]	NA	$2,158.00[3]
15LKY [1] 15LKY [2] LEDPKG [3]	Optional equipment - specify *DAVCO FUEL WATER SEPERATOR* [1] *DAVCO FUEL WATER SEPERATOR* [2] *LED lighting package for body and cab & chassis* [3]	$632.00[1]	$632.00[2]	$563.00[3]
29007 [1] 29007 [2] 15SGD [3]	Optional equipment - specify *SPARE TIRE AND WHEEL (STEER)* [1] *SPAR TIRE & WHEEL EQUAL TO STANDARD* [2] *Single 100 gallon fuel tank - non-polished aluminum. Driver side* [3]	$934.00[1]	$934.00[2]	$329.00[3]
60AAA [1] 60AAA [2] 15LKY [3]	Optional equipment - specify *REMOTE POWER MODULE* [1] *REMOTE POWER MODULE FOR BODY BUILDER INTERFACE* [2] *Davco fuel water seperator* [3]	$575.00[1]	$575.00[2]	$612.00[3]
8WRP [1] 8WRB [2] SAFETY [3]	Optional equipment - specify *HEADLIGHTS ON WITH WIPERS* [1] *HEADLIGHTS ON WITH* [2] *Fire extingusher and reflector kit - dealer installed* [3]	$22.00[1]	$22.00[2]	$150.00[3]

VEHICLE:	Workstar			
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BASE PRICE:	$89,970.00	$89,470.00	$88,725.00	$88,574.00

8WPZ [1] 8WPZ [2] 16RPV [3]	Optional equipment - specify *TEST EXTERIOR LIGHTS* [1] *TEST EXTERIOR LIGHTS -PRETRIP EXTERIOR LIGHT INSPECTION, FLASHER VEHICLE LIGHTS IN SPECIFIC SEQUENECE FOR WALK AROUND* [2] *Air ride passenger seat in lieu of non-suspension seat* [3]	$22.00[1]	$42.00[2]	$508.00[3]
TEMP [1]	Temporary tag	$15.00[1]	NA	NA
TRANSTAG [1] TRAN TAG [2] TRANTAG [3]	Transfer existing registration (must provide tag number)	$95.00[1]	$95.00[2]	$95.00[3]
NEWTAG [1] NEW TAG [2] NEWTAG [3]	New state tag (specify state, county, city, sheriff, etc.)	$150.00[1]	$150.00[2]	$175.00[3]
	Maintenance Plan - specify	NA	NA	NA
	Maintenance Plan - specify	NA	NA	NA
	Maintenance Plan - specify	NA	NA	NA
40KPM [1] STD [2] 40KPP [3]	Warranty - specify *24 MONTHS 100,000 MILES EXTENDED VEHICLE WARRANTY EXCLUDES ENGINE AND TRANSMISSION* [1] *12 MONTH UNLIMITED MILEAGE* [2] *To 36-Month/100,000 Miles (160,000 km), Covers 100% Parts and Labor, Excludes Extended Warranty for Engine and Allison Transmission* [3]	$2,400.00[1]	Std[2]	$4,800.00[3]
40KPR [1] 40KPR [2] 40KPS [3]	Warranty - specify *36 MONTHS 150,000 MILES EXTENDED VEHICLE WARRANTY EXCLUDES ENGINE AND TRANSMISSION* [1] *36 MONTH 150000 MILES BASE COVERAGE EXCLUDES ENGINE AND TRANSMISSION* [2] *To 36-Month/200,000 Miles (320,000 km), Covers 100% Parts and Labor, Excludes Extended Warranty for Engine and Allison Transmission* [3]	$5,400.00[1]	$5,400.00[2]	$6,000.00[3]
40KPV [1] 40KPX [2] 40KPY [3]	Warranty - specify *48 MONTHS 200,000 MILES EXTENDED VEHICLE WARRANTY EXCLUDES ENGINE AND TRANSMISSION* [1] *60 MONTH 150000 MILES BASE COVERAGE EXCLUDES ENGINE AND TRANSMISSION* [2] *To 60-Month/200,000 Miles (320,000 km), Covers 100% Parts and Labor, Excludes Extended Warranty for Engine and Allison Transmission* [3]	$8,800.00[1]	$9,000.00[2]	$10,000.00[3]
40LCY [1] STD [2] 40LCY [3]	Diesel Warranty - specify *36 MONTHS 300,000 MILES EXTENDED ENGINE WARRANTY* [1] *24 MONTH UNLIMITED BASE, 24 MONTH 150000 MILES INJECTORS* [2] *To 36-Month/300,000 Miles (480,000 km), 10,800 Hours; Includes Engine, Engine Electronics, Turbocharger, Water Pump and Fuel Injectors, for Navistar N13 Engines with 450 Horsepower or LESS* [3]	$2,000.00[1]	Std[2]	$2,000.00[3]
40LCD [1] 40LCY [2] 40LDK [3]	Diesel Warranty - specify *48 MONTHS 400,000 MILES EXTENDED ENGINE WARRANTY* [1] *36 MONTH 300000 MILES OR 10800 HOURS INCLUDES ELCTRONICS AND INJECTORS* [2] *To 60-Month/300,000 Miles (480,000 km), 10,800 Hours; Includes Engine, Engine Electronics, Turbocharger, Water Pump and Fuel Injectors, for Navistar N13 Engines with 450 Horsepower or LESS* [3]	$4,400.00[1]	$2,000.00[2]	$3,600.00[3]

VEHICLE:	Workstar			
DEALER:	Mauldin International Truck	Mauldin International Truck	SUN STATE INTERNATIONAL TRUCKS, LLC.	Rechtien International Trucks, Inc
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BASE PRICE:	$89,970.00	$89,470.00	$88,725.00	$88,574.00

40LDM [1] 40LDL [2] 40KWV [3]	Diesel Warranty - specify *60 MONTHS 500,000 MILES EXTENDED ENGINE WARRANTY* [1] *60 MONTH 300000 MILES OR 10800 HOURS INCLUDES ELCTRONICS AND INJECTORS* [2] *To 60-Month/300,000 Miles (480,000 km), 10,800 Hours; Aftertreatment Coverage for MaxxForce 10, Navistar N10 and Navistar N13 Engines* [3]	$7,300.00[1]	$3,600.00[2]	$1,350.00[3]

PAT'S PUMP & BLOWER

630 W. CHURCH STREET ORLANDO, FL 32805
800-359-7867 * 407-648-2096 fax
www.patspump.com

April 16, 2015 / REVISED

CITY OF LAKE WORTH, FLORIDA

RE: PURCHASE OF (1) NEW AQUATECH SEWER CLEANER BODY VIA THE FLORIDA SHERIFF'S ASSOCIATION CONTRACT # 14-12-0904, SPEC 47

Pat's Pump & Blower is pleased to once again offer the City of Lake Worth the opportunity to purchase the above referenced product via the FSA Statewide contract in effect for FY 2014-15. All terms, conditions and stipulations in this offer are in conformance with FSA requirements.

Please note: This is an incomplete unit and MUST BE combined with an appropriate suitable chassis from awarded FSA chassis vendors. We will coordinate ALL integration, delivery, and training issues with your selected chassis vendor.

BASE AWARD AMOUNT, SPEC 47		$169,489.00
SPECIAL REPEAT CUSTOMER DISCOUNT	(-)	10,200.00
BASE UNIT SUBTOTAL		$159,289.00

LAKE WORTH SELECTED OPTIONS

CODE	DESCRIPTION	
215555-1	VARIABLE FLOW WATER SYSTEM	6,012.00
B23B	23' EXTENDABLE BOOM	3,434.00
AUTOLUBE	BODY LUBRICATION SYSTEM	6,280.00
338837-1	DUAL FLOOR FLUSHER SYSTEM	2,477.00
NPN	ADDITIONAL 300 GALLONS WATER	7,680.00
180549-S	BEHIND CAB 72"X15'X36" TOOLBOX	2,235.00
NPN	TOOL TRAY EXPANDED METAL (behind cab)	1,079.00
000364-2	SIDE TUBE RACKS – BOTH SIDES	1,550.00
243924-1	ACCESS STEPS TO TANK TOP	566.00
221370	FILL LINE STRAINER (CURB SIDE)	310.00
241629	DUAL FILL SYSTEM	650.00
220192	AUTO FILL LINE SHUT-OFF (CURB SIDE)	2,290.00
130635	INTERNAL TANK FLUSHER (TOP)	2,300.00
382413-6	SPLASH SHIELD, ½ REAR DOOR, NO SPLASH	1,347.00
246155	6" BUTTERFLY VALVE IN LIEU OF GATE	673.00
NPN	DECANT HOSE WITH QUICK DISCONNECT	500.00
220230-1	"O" RING COUNTER	1,126.00
130572	RETRACTABLE 100' HOSE REEL	2,529.00
175241	500" OF 2500 PSI HOSE (1")	452.00
176110	20' LEADER HOSE	256.00
131629	½" X 50' HOSE ASSEMBLY WITH FITTINGS	415.00

120096	LOW WATER WARNING HORN	715.00
000372	EXHAUSTER HOUR METER	525.00
120051	WATER PUMP HOUR METER	513.00
110452-1	6 WAY BOOM CONTROL JOYSTICK	2,325.00
120002	BACK UP ALARM	268.00
NPN	WATER PUMP SWITCH AT DUMP STATION PANEL	919.00
120111	20’ CORD AND HALOGEN SPOTLIGHT	416.00
120378	DUAL HALOGEN WORKLIGHTS ON BOOM	745.00
120401	FLOOD LIGHTS (3) @ $476.00 EA	1,428.00
000404	STROBE LIGHT ON CHASSIS CAB	1,028.00
000403	STROBE LIGHT ON UNIT (2) @ $733.00 EA	1,466.00
120395-5	LED ARROWBOARD	1,960.00
LED000	ALL DOT LIGHTS TO BE LED	944.00
284071	8” FLUIDIZER NOZZLE	470.00
176150	25’ FILL HOSE (2) @ $215 EA	430.00
220260	TRAFFIC CONE HOLDER (NO CONES)	525.00
NPN	PROVISION TV 210 BACK-UP CAMERA	1,300.00
380903	PETCOCK VALVE ON Y STRAINER	155.00

SUBTOTAL $219,582.00

NON CONTRACT DEALER SUPPLIED OPTIONS

387194	DEGREASER INJECTION SYSTEM	3,528.00*
NPN	GALVANIZATION OF AIR PIPING	4,700.00*
NPN	VACCUM BLOWER LUBE SYSTEM	500.00*

* ABOVE 3 ITEMS ARE SUBJECT TO .5% FSA DISCOUNT	(-)	$ 43.64
		$ 8,684.36
TOTAL DELIVERED PRICE AS CONFIGURED		$228,266.36
TRADE-IN OFFER FOR USED AQUATECH UNIT ID #139	(-)	$ 18,500.00
NET AFTER TRADE-IN		$209,766.36

Please advise of any additional information you may require.

Sincerely,

Steve Newman
941-232-3298 cell
CMEOFFL@AOL.COM

CITY OF LAKE WORTH

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015, Regular Meeting **DEPARTMENT:** Public Services

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EXECUTIVE BRIEF

TITLE:
Authorize Purchase Orders for tires and related services from the Sheriffs Association cooperative purchasing program.

SUMMARY:
The Authorization provides for the purchase of tires and related services from the Sheriffs Association's contract.

BACKGROUND AND JUSTIFICATION:
On December 2, 2014, the City Commission approved the cooperative purchase of tires and related services from the Florida Sheriffs Association's contract (#14/15-06-0131). That contract expired on February 28, 2015 and the Sheriffs Association has entered a new contract (#15/17-07-0220) for tires and related services. City staff is now seeking approval to make cooperative purchases from the new Sheriffs Association's contract #15/17-07-0220 via purchase orders.

In an effort to maintain an efficient fleet maintenance operation that is in compliant with all City procurement standards, the Public Services Department has reviewed the new Sheriffs Association's contract and found it to be in the best interest of the City and the Department in terms of competitive pricing. A copy of the Florida Sheriffs Association's contract can be viewed at the Public Services Department or at the following link: http://www.flsheriffs.org/purchasing_programs/cooperative-fleet/tire-contract/. Cooperative purchases are authorized under the City's procurement code. Cooperative purchases from the Sheriffs Association's contract will be made by Purchase Order issued directly to the vendor (who was awarded the contract with the Sheriffs Association).

MOTION:
I move to approve / not approve the cooperative purchases from the Florida Sheriffs Association's contract for the purchase of tires and related services (contract #15/17-07-0220).

ATTACHMENT(S):
Fiscal Impact Analysis – not applicable

CITY OF LAKE WORTH

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015, Regular Meeting **DEPARTMENT:** Community Sustainability

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EXECUTIVE BRIEF

TITLE:
Final plat map application for the Lucente Townhomes project

SUMMARY:

The applicant is requesting a final plat map approval for the Lucente Townhomes project generally located at the southeast corner of 2nd Avenue North and North J Street in the City of Lake Worth.

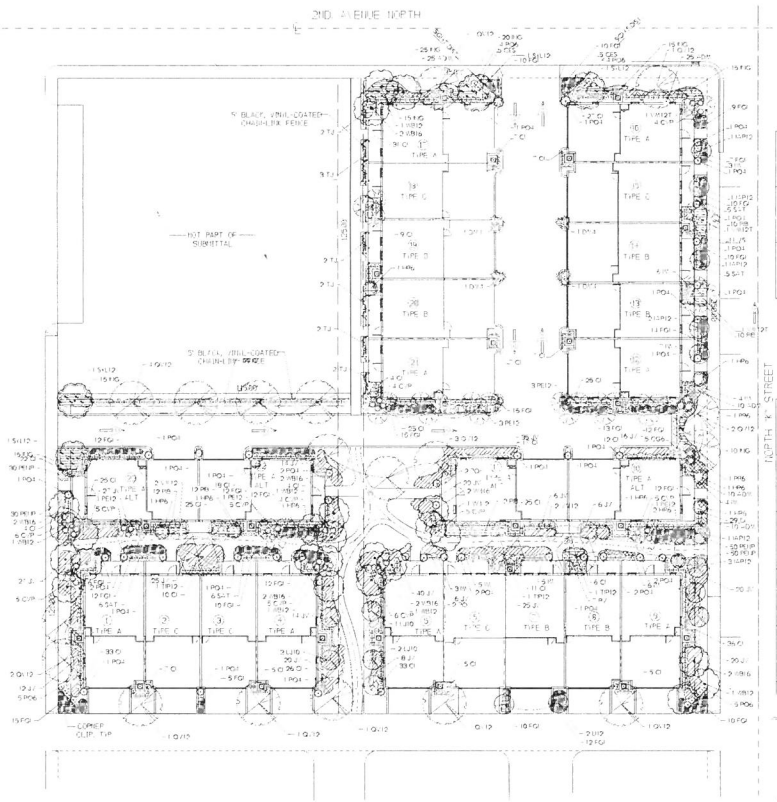
BACKGROUND AND JUSTIFICATION:
The applicant is requesting a final plat map approval for the Lucente Townhomes project. The project site is a vacant +/- 1.26 acre parcel generally located at the southeast corner of 2nd Avenue North and North J Street, in the City of Lake Worth. The project site is inclusive of the following described parcel:

P.C.N.	Address
38-43-44-21-15-020-0010	114 North J Street

The Planning & Zoning Board approved the twenty-three (23) unit townhome project at their meeting on December 17, 2014. The final map was reviewed by the Department of Community Sustainability and other appropriate City Departments, which all recommend approval of the final plat. The Planning and Zoning Board recommended approval of the final plat map at their meeting on April 1, 2015, without conditions of approval.

MOTION:
I move to approve/disapprove the final plat map for the Lucente Townhomes project.

ATTACHMENT(S):
Fiscal Impact Analysis – not applicable
Plat Justification Letter
Lucente Plat Sheets
Rendering



A/C SCREENING DETAIL

LANDSCAPE CALCULATIONS
SITE: 19,313 S.F. 2,895 = 20 TREES REQUIRED
25 TREES PROVIDED
151 LARGE TREES
11 PALMS TREES
SECTION 18-112 TREES REQUIRED
90 SCALE 18-112 TREES PROVIDED

PLANT LIST LUCENTE TOWNHOMES

NOTE: The quantities on this plant list are to be used as a guide only. Bidder shall be independent takeoff for bidding purposes. * Denotes native plants

CT = CLEAR TRUNK CW = SHIPP WOOD DBH = DIAMETER BREAST HEIGHT (4 1/2') OA = OVERALL HEIGHT
FTB = FULL TO BASE HVY = HEAVY TRUNK CAL = CALIPER (6" / 12" FOR GRADES & STOR. SIMS) • SINGLE TRUNK
DBL = DOUBLE TRUNK TRP = TRIPLE TRUNK STD = TREE STANDARD MULT = MULTI TRUNK
STAND = STANDARD HEIGHTS B&B = BALLED AND BURLAPPED B/B = FIELD GROWN
ALL PLANT MATERIALS MUST ADHERE TO CURRENT GRADES AND STANDARDS FOR FLORIDA NUMBER ONE QUALITY OR BETTER. CONTAINERS SIZE, WHEN LISTED, IS THE MINIMUM CONTAINER SIZE ACCEPTABLE FOR THE PLANT SPECIMEN
ALL PLANT MATERIAL WILL BE ACCEPTED BY THE PLANT SIZE SPECIFICATION AND NOT THE CONTAINER SIZE.

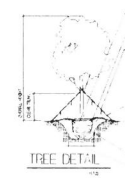
KEYS	SIZE	BOTANICAL NAME	COMMON NAME	HEIGHT	SPREAD	OA TRUNK	STOCK	TRUNK DIA.	COMMENTS
ACM	30	Aquamgie chrysoleucha'Spica'	Powder Puff	4'-10"					Full Out
BET	3	Bursera simaruba	*Gumbo Limbo	12'	6'	4.5CT	7'dbh		
BV	3	Bougainvillea spp.	Bougainvillea	24"	18"				
CES	30	Conocarpus erectus sericeus	*Silver Buttonwood	24"	18"				
CVM	4	Cordyline fruticosa	Ti Plant	4'	3'				
CUM	42	Clusia guttifera	Small Leaf Clusia	6'	4'				
CI	60	Chrysobalanus icaco	*Coccoloba	24"	18"				Full
CVV	40	Codiaeum variegatum 'Petra'	Petra Croton	24"	18"				Full
DMR	7	Dracaena marginata	Dracaena	7'	3'				4 Hdls. Min.
FCE	14	Ficus microcarpa	Green Island Ficus	18"	18"				
GI	3	Gardenia jasminoides	Gardenia	24"	18"				Full
GRO	23	Spathiphyllum 'phoenix'	Dwarf Orchid	4'	3'				
LAP2	9	Ilex cornuta 'Red Prince'	*Red Prince Holly	12'	6'	4.5CT	7'dbh		
MO	140	Ficus Nitida 'Green Gem'	Green Gem Ficus	18"	18"				Full
PNT	47	Ilex vomitoria cv. 'Nana'	*Dwarf Yaupon Pompon Holly	24"	18"				
SATR	4	Jasmine sambac sampaguita	Coral Berry	4'	3'				
JV	48	Jasminum volubile	Wax Jasmine	24"	18"				Full
LJB	3	Lagerstroemia indica	Wax Myrtle	8'	4'	7CT		MULT	
LV	30	Liriope 'Variegata Giant'	Aztec Grass	1	12"				Full
PBM	30	Philodendron Birds Nest	Birds Nest Philodendron	4'	4'				Full
PBST	3	Phyllostachys aurea	Golden Palm	12'					Triple
PCH	13	Podocarpus macrophyllus	Yew Podocarpus	4'	36"				Full
PCH	22	Podocarpus macrophyllus	Yew Podocarpus	6'	4'				Full Specimen
PCP	79	Podocarpus macrophyllus 'Pringles'	Pringles Dwarf Podocarpus	12"	18"				
QVG	15	Quercus virginiana	*Live Oak	12'	6'	4.5CT	7'dbh		
SAT	31	Schefflera actinophylla "Trinette"	Dwarf Star Schefflera	24"	18"				
SPLTS	3	Thrinax radiata	Sylvester Palm			12CT			
TI	38	Trachelospermum jasminoides	Confederate Jasmine	24"					Trellis
VMT	1	Veitchia montgomeryana	Montgomery Palm	18'		12CT			
VMT2	12	Veitchia montgomeryana	Montgomery Palm	18'		12CT		TRIPLE	
VS	20	Viburnum suspensum	Sandankwa Viburnum	24"	18"				
WRS	8	Wodyetia bifurcata	Foxtail Palm			12 OW			
WRS4	36	Wodyetia bifurcata	Foxtail Palm			14'OW			

OTHER LANDSCAPE MATERIALS

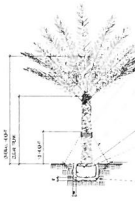
MUL	Mulch Or Bagg	As needed
SOIL	Planting Soil (Palm Tanks)	As needed
SOD	TO BE MEASURED AS PER	LOCATION AS SHOWN ON PLAN & GENERAL SPECIFICATIONS

GENERAL SPECIFICATIONS

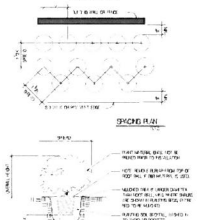
1. All plant materials shall be Florida #1 or better as set forth by the Florida Department of Agriculture, Grades and Standards for Nursery Plants, current edition.
Plants to be free of pests and disease, with the general appearance of being healthy.
Certification that all plant materials received are Florida #1 or better shall be the sole responsibility of the Landscape Contractor. Said certification shall be provided to the Owner or his authorized representative at the time of delivery of the plant material to the job site. Any disputes regarding plant material grades shall be determined by a representative of the Division of Plant Industry of the State of Florida.
2. Rules and guidelines set by the State for the purposes of grading plant materials shall be followed.
3. Palms shall be planted so that all fronds are clear of building walls and overhang or remain upright.
4. All Sabal Palms, Queen Palms, Christmas Palms, Pindos, Varkons and all other single trunk, upright growing with or has 50% of clear trunk or greater shall be spaced as detailed
5. All trees shall be planted so that fronds will be clear of building walls, roof lines and window air returns (grates). Shade trees shall not be located closer than 15feet from 50 foot project light poles. Medium and small trees and palms shall not be planted closer than seven and one half feet (7.5') from project light poles.
Florida Power and Light tree location guidelines shall be followed in all cases relating to FPL power poles or easement locations.
Where Carolina Palms, variations of all trees planted in Palms Of Bay, or other restrictions shall be confirmed by the landscape contractor with the City or County Engineer before installation.
All trees from caliper shall be measured at 4 1/2' dbh or top of root ball.
All trees that are designated as single trunk trees shall have a single dominant leader and a relatively straight trunk.
All trees that are designated as multi trunk trees shall has at least three trunks with equal vigorous emphasis from the base of the trees, and with angles no greater than 45 degrees. Trees with bark inclusion or crossmembers trunks will not be accepted.
6. All trees and palms shall be kept in an upright position. Under no circumstances shall any support material used anchor the strong of roots or other mechanical devices of any kind into the bark of any tree or palm.
All staking, guying, ties, braces shall be removed upon installation. Trees shall be inspected 6 months after planting or at the time of establishment of the tree. Any damaged items, braces, guying, ties but and removed after the need subsides has determined.
All synthetic burlap, synthetic string or cords shall be removed before any trees are planted. All synthetic tapes be wrapping tape, nursery tape shall be removed from trunk or branches, and before inspection. The top one-third of any natural burlap shall be removed before the trees are sent/filled. All ties tapes shall be removed from the top and sides of the rootball to a depth of 12 inches below the top of the rootball. Tie wires shall be cut and removed.
7. All sod, mulching, planting and other plants shall be delivered with the top of their rootballs 2" to 3 above the final grade surrounding the planting area as indicated. Plants shall be planted with the top of the rootball high with the surrounding area.
8. All trees shall be outstanding specimen in shape, unblemished condition, not injured under or around trees.
Sign, overhead cable, wires must be maintained for clear sight visibility from thirty (30) inches to twenty-five (25) inches, from trunk a distance of 25 feet.
9. All hedges shall be planted with minimum inches 50% clear space between adjacent hedgerows and building, walk, fence, or pavement edges and three feet (3) back from edge of paving adjacent at the time of planting. Spacing of shrubs center to center shall be as approved by the municipality for screening requirements.
10. All mechanical equipment, air conditioning, irrigation pumps, FPL transformers, cable pumps, etc., must be screened on three (3) sides by shrubs.
11. Irrigation shall be by underground, automatic, rain free system with 100% coverage and a minimum of 50% overlap of zone. Irrigation rain sensor shall be installed. Irrigation zone shall not be directed onto or over impervious surfaces.
Irrigation systems other than C.O. water shall require a South Florida Water Management District water use permit prior to the issuance of the required irrigation permit from the City and at the discretion of the irrigation system. Approved irrigation permits shall be received from the City prior to installation.
12. Planting soil shall be at least 8% mulch and 8% sand, pulverized and sieved fines, to be mixed with a spring and free from rocks and debris and backfilled into plant pits by watering.
Planting soil for Palms Palms shall be cover sand. If, rising soil, may be used as planting soil if approved by the Landscape Architect.
13. Fertilizer for trees and shrubs shall be a general purpose 50% organic fertilizer low in phosphorus, with minor elements, iron and manganese and shall be mixed with the planting soil at the time of backfilling.
Fertilizer for palms shall be a palm special type to include manganese and magnesium sulfate.
Application rates for all fertilizers at the time of planting shall be 1/2 the manufacturers recommendations for established plants.
14. Mulch shall be shredded hardwood or other clean hardwood species grade 'B' or better and at a 3' minimum depth and shall be free of pests and diseases.
Coarse, red or dried mulch shall not be accepted. All mulch shall be mulch shall be planting "Rosary Ring".
All trees shall have a mulch ring with a minimum depth of two inches, no more than three inches, and a diameter of 3 feet (3') at finished grade. The base of the mulch shall be placed over the rootball of any tree.
All mulch shall be kept two inches from the stems of all shrubs and palms.
15. Sod shall be Cynodon'Tifgreen' and/or Cynodon 'Tifsharp' solid sod, weed free and laid with staggered joints. Sod shall be placed on all areas not used for buildings, vehicular use areas, walks, any structures or planting beds and shall extend to any abutting other pavement edge and to the mean elevation of any abutting curbs, lake or waterway. Sod shall be placed to closer than three (3') feet from the trunk of any tree.
Sod placed adjacent to gas sheet and curbs shall be set with top of sod set flush with the top of the adjacent pavement and to form a smooth transition.
16. Planting plans have precedence over plant lists. The Landscape Contractor shall be responsible for doing his own takeoff. The Landscape Contractor shall familiarize himself with the municipal code and deed restrictions of the municipality in which the project is located. All deed codes and deed restrictions pertaining to the municipality in which the project is located shall apply and take precedence over specifications. The more stringent requirement shall apply.
17. The Landscape Contractor shall be aware of the locations of underground and overhead utilities and cables, underground and shall call Sunshine (800-432-4770) right 48 hours before any digging operations begin.
All plant only installed in remaining shall be hand dug.
18. The Landscape Contractor shall provide a written guarantee to the Owner for all plant materials and non-materials for a period no less than one year from the time of final inspection and acceptance by the Owner.
To the end of the guarantee period, all plant materials shall be replaced by the Landscape Contractor and the Owner. All plants that are in a healthy, growing condition at the time of the inspection shall be free from further guarantee and shall be the Owners responsibility. All plants that are in questionable condition due to transplant shock shall continue under the guarantee until naturally, or, if deemed so and, indicated in writing by deed, shall be replaced. Replaced plant materials shall be guaranteed for the same time period and under the same conditions as the original plant material. This guarantee does not apply if the plant materials has not been maintained by the Owner as indicated by the Landscape Contractor, are damaged by some, vandalism, mower or heavy damage in excess of Contractor. The Landscape Contractor cannot, all plants shall be free from nematod plant pests at the time of planting.

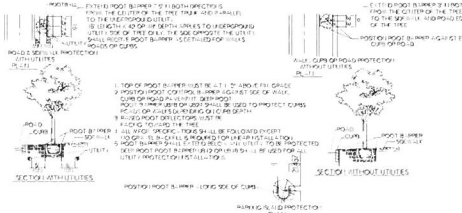


TREE DETAIL



PALM DETAIL





ROOT CONTROL BARRIER INSTALLATION DETAIL & SPECIFICATIONS

ROOT BARRIER SHALL BE USED ON ALL TREES AND PLANTS LOCATED WITHIN 6' OF ALL PUBLIC INFRASTRUCTURE, SIDEWALK, ROAD CURB OR UTILITY.

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THE SIGNING AND SEALING OF THIS PLAN DOES NOT CONSTITUTE OWNERSHIP OF THE DESIGN, AND MICHAEL J. PETROW AND ASSOCIATES, INC. RETAINS ALL RIGHTS TO THE DESIGN.

NO.	DATE
1	10-15-2014
2	11-13-2014
3	12-12-2014

SCALE: 1"=20'
DATE: OCTOBER 2014
DRAWN BY: MJP
CHECKED BY: MJP

LANDSCAPE PLAN FOR LUCENTE TOWNHOMES
LAKE WORTH, FLORIDA

PREPARED FOR:
LUCENTE HOMES, LLC
6400 CONGRESS AVENUE, SUITE 2000
BOCA RATON, FLORIDA 33487

Michael J. Petrow and Associates, Inc.
Landscape Architecture
Land Planning
Environmental Consultants
2000 S.W. 4th Avenue
Boca Raton, Florida 33432
(561) 392-1991
Fax (561) 392-2700
LC26000241

SHEET NO.
L-1
OF ONE

LUCENTE

BEING A REPLAT OF A PORTION OF LOTS 1 THROUGH 5 AND LOTS 11 THROUGH 20, BLOCK 20, THE PALM BEACH FARMS COMPANY PLAT NO. 2, THE TOWNSITE OF LUCERNE, ACCORDING OF THE PLAT THEREOF, RECORDED IN PLAT BOOK 2, AT PAGE 29, OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA. SAID LANDS LYING AND SITUATE IN SECTION 21, TOWNSHIP 44 SOUTH, RANGE 43 EAST, PALM BEACH COUNTY, FLORIDA.

CERTIFICATE OF DEDICATION

State of Florida
County of Palm Beach } SS

Know all men by these presents that Kennedy Homes, LLC, a Florida Limited Liability Company, owner of the land shown hereon as LUCENTE, being a replat of a portion of Lots 1 – 5 and Lots 11 – 20 , of Block 20, of the plat entitled "The Palm Beach Farms Co. Plat 2, The Townsite of Lucerne", Section 21, Township 44 South, Range 43 East, Palm Beach County, Florida and being more particularly described as follows:

Lots 1 through 5, and Lots 11 through 20, Block 20, THE PALM BEACH FARMS CO. PLAT NO. 2, THE TOWNSITE OF LUCERNE, NK/A LAKE WORTH, according to the map or plat thereof as recorded in Plat Book 2, Page 29, Public Records of Palm Beach County, Florida, LESS the West 25 feet of Lots 1 through 5, Block 20, as so far described in said Plat.

Have caused the same to be surveyed and platted as shown hereon and does hereby dedicate as follows:

Tract RW-1 and Tract RW-2 (Right-of-Way tract), as shown hereon are hereby dedicated to Lucente Homeowners' Association, Inc. its successors and assigns, as a residential access street for private street purposes and other purposes not inconsistent with this reservation and is the perpetual maintenance obligation of said association, its successors and assigns, without recourse to the City of Lake Worth.

All tracts for private street purposes, as shown hereon, are hereby subject to an overlying non-exclusive easement dedicated in perpetuity to the public for the installation, operation, maintenance, repair, expansion and replacement of utilities, both public and private, including, but not limited to potable water pipelines, raw water pipelines, wastewater pipelines, reclaimed water pipelines, electric power lines, telecommunication lines, cable television lines, gas lines, and related appurtenances. No buildings, structures, improvements, trees, walls or fences shall be installed within these tracts without the prior written approval of the the City of Lake Worth Water Utilities Department, its successors and assigns

The City of Lake Worth shall have the right, but not the obligation to maintain any portion of the drainage system shown by this plat, including the right to utilize for public purposes any and all drainage, roads private or public and parking access tracts associated with such drainage system. Should the city deem it necessary to maintain any portion of the drainage shown by this plat, for public purposes, the town may require the property owners, successors and assigns to pay all or part of the maintenance costs.

Tracts OS 1, OS 2, OS 3, OS-4, and OS-5 (Open Space Tracts), as shown hereon are hereby dedicated to Lucente Homeowners' Association, Inc., its successors and assigns, for open space purposes and are the perpetual maintenance obligation of said association, its successors and assigns, without recourse to the City of Lake Worth.

IN WITNESS WHEREOF, the above-named limited liability company, has caused these presents to be signed by its Chief Financial Officer and its corporate seal to be affixed hereto by and with the authority of its Board of Directors, this 23rd day of March, 2015.

Kennedy Homes, LLC,
a Florida Limited Liability Company

Witness: Lindy Hillstrom
Lindsay Hillstrom
(Print Name)

Witness: Jennifer H Lizarro-Perdomo
(Print Name)

By: Michael Ehrlich
Michael Ehrlich
Chief Financial Officer

ACKNOWLEDGMENT

State of Florida
County of Palm Beach } SS

Before me personally appeared Michael Ehrlich who is personally known to me or has produced _____ as identification, and who executed the foregoing instrument as the Chief Financial Officer of Kennedy Homes, LLC, a Florida Limited Liability Company, and severally acknowledged to and before me that he executed such instrument as such officer of said company, and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that it was affixed to said instrument by due and regular corporate authority, and that said instrument is the free act and deed of said corporation.

Witness my hand and official seal this 23rd day of March, 2015.

My commission expires: 5/13/17
(Date)

Notary Stamp

By: _____
Notary Public

Print Name: RONALD L. PLATT

Commission Number: FF 007408

ACCEPTANCE OF RESERVATIONS

State of Florida
County of Palm Beach } SS

Lucente Homeowners' Association, Inc., hereby accepts the dedications or reservations to said Association as stated and shown hereon, and hereby accepts its maintenance obligations for same as stated hereon, dated this 23rd day of March, 2015.

Lucente Homeowners' Association, Inc.

Witness: Jennifer H Lizarro-Perdomo
(Print Name)

Witness: Lindy Hillstrom
Lindsay Hillstrom
(Print Name)

By: Michael Ehrlich
Michael Ehrlich
President

ACKNOWLEDGMENT

State of Florida
County of Palm Beach } SS

Before me personally appeared Michael Ehrlich who is personally known to me or has produced _____ as identification, and who executed the foregoing instrument as the President of Lucente Homeowners' Association, Inc., and acknowledged to and before me that he executed such instrument as such officer of said corporation, and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that it was affixed to said instrument by due and regular corporate authority, and that said instrument is the free act and deed of said corporation.

WITNESS my hand and official seal this 23rd day of March, 2015.

My commission expires: 5/13/17

Notary Stamp

By: _____
Notary Public

Print Name: RONALD L. PLATT

Commission Number: FF 007408

MORTGAGEE'S CONSENT

State of Florida
County of Orange } SS

The undersigned hereby certifies that it is the holder of a mortgage, upon the property described hereon and does hereby join in and consent to the dedication of the land described in said dedication by the owner thereof and agrees that its mortgage which is recorded in Official Records Book 27308, at Page 445 of the Public Records of Palm Beach County, Florida, shall be subordinated to the dedication shown hereon.

In witness whereof, the said corporation has caused these presents to be signed by its Executive Vice President and its corporate seal to be affixed hereon by and with the authority of its board of directors this 23rd day of March, 2015.

CNL Bank, a Florida Banking corporation

Witness: Lindsay Hillstrom
(Print Name)

Witness: John J Bowker
(Print Name)

By: Beverly Williams
Beverly Williams, Vice Pres.
(Print Name, Title)

ACKNOWLEDGMENT

State of Florida
County of Orange } SS

Before me personally appeared Beverly Williams who is personally known to me, or has produced Known as identification, and who executed the foregoing instrument as the VP of CNL Bank, a Florida Banking corporation, and severally acknowledged to and before me that [he] [she] executed such instrument as such officer of said corporation, and that the seal affixed to the foregoing instrument is the corporate seal of said corporation and that it was affixed to said instrument by due and regular corporate authority, and that said instrument is the free act and deed of said corporation.

Witness my hand and official seal this 20 day of March, 2015.

My commission expires: 12/16/15
(Date)

Notary Stamp

By: _____
Notary

Print Name: John Bowker

Commission Number: EE 133180

TITLE CERTIFICATION

State of Florida
County of Palm Beach } SS

I, Ronald L. Platt as President of Independence Title Insurance Agency, Inc., do hereby certify that I have examined the title to the hereon described property; that I find the title to the property is vested in Kennedy Homes, LLC, a Florida Limited Liability Company, that the current taxes have been paid; that all mortgages not satisfied or released of record nor otherwise terminated by law are shown hereon; and that there are encumbrances of record but those encumbrances do not prohibit the creation of the subdivision depicted by this plat.

Date: 3/23/15

By: _____
Ronald L. Platt
President

CITY APPROVAL AND ACCEPTANCE OF DEDICATION
CITY OF LAKE WORTH, FLORIDA, A MUNICIPAL CORPORATION

This Plat is hereby approved for record this _____ day of _____, 2015.

By: _____
Pam Triolo
Mayor

By: _____
Michael Bornstein
City Manager

By: _____
Greg Rice
Planning Board Chairman

By: _____
Pamela Lopez
City Clerk

This plat has been reviewed for conformity to Chapter 177.081, Florida Statues. This review does not include the verification of geometric data or field verification of the permanent reference monuments at lot corners.

Date: 3/25/15

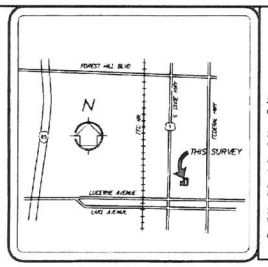
By: _____
David A. Bower
Professional Surveyor and Mapper
Florida Certification No. LS5888

SURVEYOR'S CERTIFICATE

This is to certify that the Plat shown hereon is a true and correct representation of a survey made under my responsible direction and supervision; that said survey is accurate to the best of my knowledge and belief; that Permanent Reference Monuments ("P.R.M.'s") have been placed as required by law, and that Permanent Control Points ("P.C.P.'s") and monuments according to Section 177.091(9), Florida Statutes, will be set under the guarantees posted with the City of Lake Worth, Florida for the required improvements; and further, that the survey data complies with all the Survey requirements of Chapter 177, Florida Statutes, as amended, and Ordinances of the City of Lake Worth, Florida.

This 20th day of March, 2015.

_____
Eric R. Matthews
Professional Surveyor and Mapper,
License No. 6717
State of Florida



LOCATION MAP
(Not To Scale)

State of Florida
County of Palm Beach } SS

THIS PLAT WAS FILED FOR RECORD AT _____ M

THIS ____ DAY OF _____ A.D. 2015 AND DULY RECORDED

IN PLAT BOOK _____ ON PAGES _____ THROUGH _____

SHARON R. BOCK
CLERK AND COMPTROLLER

BY _____
DEPUTY CLERK

SHEET 1 OF 2 SHEETS

TABULAR DATA:

LUCENTE

Tract RW-1	=	0.034 Acres±
Tract RW-2	=	0.108 Acres±
Tract OS-1	=	0.052 Acres±
Tract OS-2	=	0.104 Acres±
Tract OS-3	=	0.008 Acres±
Tract OS-4	=	0.020 Acres±
Tract OS-5	=	0.002 Acres±
Buildable Area (Lots)	=	0.766 Acres±
Total Area of Plat	=	1.090 Acres±

SURVEYOR'S NOTES

1.) NOTICE: This plat, as recorded in its graphic form, is the official depiction of the subdivided lands described herein and will in no circumstances be supplanted in authority by any other graphic or digital form of the plat. There may be additional restrictions that are not recorded on this plat that may be found in the Public Records of Palm Beach County.

2.) Bearings shown hereon are based on Grid North, and are referenced to the Florida State Plane Coordinate System, East Zone, North American Datum of 1983, 2011 adjustment. The bearing base for this survey is the North line of Block 20 of "THE PALM BEACH FARMS CO. PLAT NO. 2, THE TOWNSITE OF LUCERNE" as recorded in Plat Book 2, Page 29, of the Public Records of Palm Beach County, Florida, said North line bears S 88°45'40" E and all other bearings shown hereon are relative thereto.

3.) The coordinate values shown hereon are State Plane Coordinates (Transverse Mercator Projection), Florida East Zone, North American Datum (NAD) 1983, (2007 adjustment), as established using Real-Time Kinematic Global Positioning System (RTK GPS) survey methods using Lengemann of Florida Network base point: FLWP. The corrected positions computed were verified through a redundancy of measurements to meet or exceed closure for Suburban Linear: 1 foot in 7,500 feet. All distances are ground distances in U.S. Survey Feet unless otherwise noted.

4.) In those cases where easements of different types cross or otherwise coincide, drainage easements shall have first priority, utility easements shall have second priority, access easements shall have third priority, and all other easements shall be subordinate to these with their priorities being determined by use rights granted.

5.) There shall be no building or any kind of construction or trees or shrubs placed on any easement without prior written consent of all easement beneficiaries and all applicable City of Lake Worth approvals or permits, as required for such encroachment.

6.) The building setbacks shall be as required by current City of Lake Worth, Florida Zoning and Land Development Regulations.

KENNEDY HOMES LLC. A FLORIDA LIMITED LIABILITY COMPANY

LUCENTE HOMEOWNERS' ASSOCIATION, INC.

CNL BANK, A FLORIDA BANKING CORPORATION

"SEAL"

CITY OF LAKE WORTH

REVIEWING PROFESSIONAL SURVEYOR AND MAPPER

PROFESSIONAL SURVEYOR AND MAPPER

WGI
Wantman Group, Inc.
Engineering ◆ Planning ◆ Surveying ◆ Environmental
2035 VISTA PARKWAY, SUITE 100, WEST PALM BEACH, FL 33411
(866) 968-2220 phone (561) 687-1110 fax
CERTIFICATE OF AUTHORIZATION No. LB 7355
ORLANDO – FORT ST. LUCIE – TAMPA
THIS INSTRUMENT WAS PREPARED BY ERIC R. MATTHEWS, P.S.M
PROFESSIONAL SURVEYOR AND MAPPER, LICENSE NO. 6717
FOR THE FIRM WANTMAN GROUP, INC.

LUCENTE

BEING A REPLAT OF A PORTION OF LOTS 1 THROUGH 5 AND LOTS 11 THROUGH 20, BLOCK 20, THE PALM BEACH FARMS COMPANY PLAT NO. 2, THE TOWNSITE OF LUCERNE, ACCORDING OF THE PLAT THEREOF, RECORDED IN PLAT BOOK 2, AT PAGE 29, OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA. SAID LANDS LYING AND SITUATE IN SECTION 21, TOWNSHIP 44 SOUTH, RANGE 43 EAST, PALM BEACH COUNTY, FLORIDA.

State of Florida
County of Palm Beach } SS

THIS PLAT WAS FILED FOR RECORD AT _____ M.

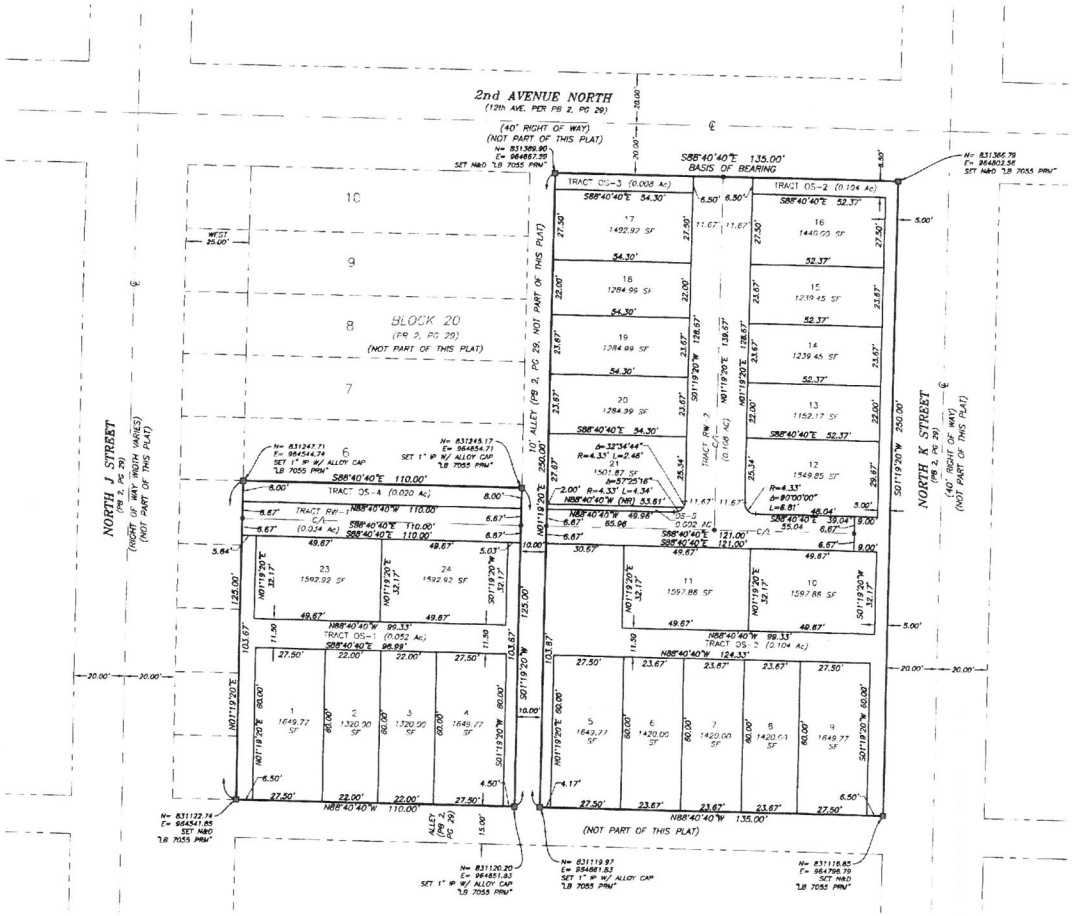
THIS _____ DAY OF _____ A.D. 2015 AND DULY RECORDED

IN PLAT BOOK _____ ON PAGES _____ THROUGH _____

SHARON R. BOCK
CLERK AND COMPTROLLER

BY _____
DEPUTY CLERK

SHEET 2 OF 2 SHEETS



N

GRAPHIC SCALE

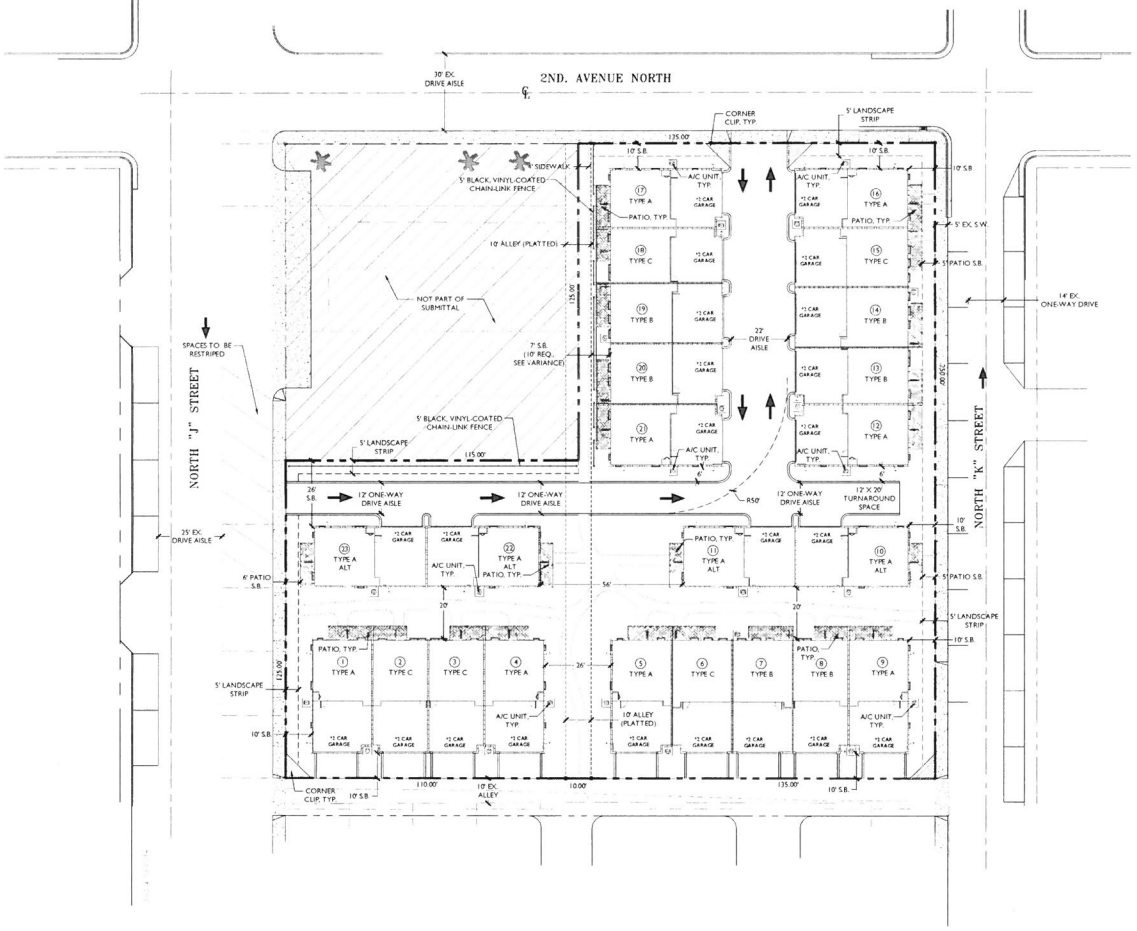
(IN FEET)
1 inch = 20 ft.
(Intended Display Scale)

LEGEND:

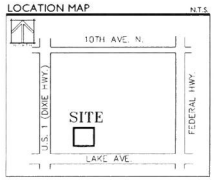
AC.	= Acres
C/L	= Center Line
Δ	= Delta (Central Angle)
L	= Length of Arc
LB	= Licensed Business
(NR)	= Non-Radial
PG.	= Page
PBC	= Palm Beach County
PB	= Plat Book
PRM	= Permanent Reference Monument
⊕	= Permanent Control Point (PCP)
R	= Radius
SF	= Square Feet
IP	= Iron Pipe
N&D	= Nail and Disk
■	= Set PRM Monument, Size and Material as Noted Stamped "LB 7055 PRM"

NOTE: (a) lines intersecting circular curves are radial unless otherwise noted.

WGI
Wantman Group, Inc.
Engineering • Planning • Surveying • Environmental
2035 VISTA PARKWAY, SUITE 100, WEST PALM BEACH, FL 33411
(561) 909-3220 phone (561) 687-1110 fax
CERTIFICATE OF AUTHORIZATION No. LB 7055
ORLANDO - FORT ST. LUCIE - TAMPA
THIS INSTRUMENT WAS PREPARED BY: ERIC R. MATTHEWS, P.S.M
PROFESSIONAL SURVEYOR AND MAPPER, LICENSE NO. 6717
FOR THE FIRM: WANTMAN GROUP, INC.



LOCATION MAP N.T.S.



SITE DATA

SITE ADDRESS	114 N "J" STREET
OVERLAY	ARTS DISTRICT
PARCEL CONTROL NUMBER	38-43-44-21-15-020-001-0
EXISTING / PROPOSED ZONING	MIXED USE-EAST (MU-E)
EXISTING / PROPOSED FUTURE LAND USE	DOWNTOWN MIXED USE (DMU)
EXISTING USE	VACANT
PROPOSED USE	RESIDENTIAL
SITE AREA	1.13 AC. (49,375 SF)
TOTAL PROPOSED DWELLING UNITS	23 UNITS
GROSS DENSITY	20.35 DU/AC
HOUSING TYPE	TOWNHOUSES
OWNERSHIP TYPE	FEE SIMPLE
TOTAL NUMBER OF BUILDINGS	7 BUILDINGS
NUMBER OF BEDROOMS	3 BEDROOMS
REQUIRED ROOF HEIGHT	30'
PROPOSED ROOF HEIGHT	19'-8"
NUMBER OF STORIES	2 STORIES
TOTAL BUILDING SQUARE FOOTAGE	**37,292 SF**
(4) TYP A 'ALT' UNITS @ 1,667 SF / UNIT (DUVAL II)	6,668 SF
(8) TYPE A UNITS @ 1,663 SF / UNIT (DUVAL)	13,304 SF
(6) TYPE B UNITS @ 1,640 SF / UNIT (SOUTH WINDS)	9,840 SF
(5) TYPE C UNITS @ 1,496 SF / UNIT (MALLORY)	7,480 SF
TOTAL PARKING SPACES REQUIRED (2 SP / UNIT)	46 SPACES
TOTAL PARKING SPACES PROVIDED	48 SPACES (INCLUDES 2 GUEST SPACES)

DEVELOPMENT REGULATIONS

DEVELOPMENT REGS.		REQUIRED	PROVIDED
LOT AREA		6,500 SF	49,375 SF
LOT WIDTH (FRONTAGE)		50' MIN.	125' (N "J" ST.)
BUILDING HEIGHT	PRINCIPAL	30'	19'-8" HT.
	ACCESSORY	24'	N/A
SETBACKS	FRONT	10'	7** / 10'
(TOWNHOUSES)	REAR	15'	10** / 15'
LIVING AREA		900 S.F., 3 BR.	1,497 SF, 1,519 SF, 1,630 SF, 1,634 SF, 2,224 SF, 3 BR.
ACCESSORY STRUCTURE LIMITATION		40% OF PRINCIPAL STRUCTURE	N/A
FLOOR AREA RATIO LIMITATION (FAR)		0.90 MAX. FOR LOTS 7,500 S.F. AND GREATER	0.75
IMPERMEABLE SURFACE AREA		65% MAX. FOR LARGE LOTS	61% (30,119 SF)
MAX. LOT COVERAGE FOR BUILDINGS		55% MAX. FOR LOTS OVER 7,500 S.F.	53%

*NOTE 1: THE 7' FRONT SETBACK FOR UNITS 17 - 21 WILL BE PERMITTED THROUGH THE APPROVAL OF A 3' SETBACK VARIANCE APPLICATION SUBMITTED CONCURRENTLY WITH THIS APPROVAL.

**NOTE 2: THE 10' SETBACK IS SUPPORTED BY LAKE WORTH PLANNING AND ZONING.

LEGEND

AC = ACRES
ADT= AVERAGE DAILY TRIPS
CL= CENTER LINE
DU= DWELLING UNITS
L.A.E. = LIMITED ACCESS EASEMENT
L.A.T. = LIMITED ACCESS TRACT
L.B. = LANDSCAPE BUFFER
L.M.A.E = LAKE MAINTENANCE ACCESS EASEMENT
L.W.D.D. = LAKE WORTH DRAINAGE DISTRICT
N.P.= NEIGHBORHOOD PARK
O.E = OVERHANG EASEMENT
O.S. = OPEN SPACE
PB = PLAT BOOK
P.L.= PROPERTY LINE
R.A.S. = RESIDENTIAL ACCESS STREET
R.O.W. = RIGHT OF WAY
S.S = SIDE STREET LOT
S.W.= SIDEWALK
S.F. = SQUARE FEET
SP= SPACE
T.B.A = TO BE ABANDONED
T.R.= TO REMAIN
U.E= UTILITY EASEMENT
ZLL = ZERO LOT LINE
* = ZERO SIDE

AMENDMENTS

ZONING STAMP

LAND DESIGN SOUTH
a division of WGI
Landscape Architecture|Environmental Planning|Transportation|Graphic Design
400 Columbia Drive, Suite 110 • West Palm Beach, FL 33409
Telephone: 561.478.9501 • Fax: 561.478.5012

LUCENTE
SITE PLAN
PREPARED FOR KENNEDY HOMES, LLC
CITY OF LAKE WORTH, FLORIDA

REVISION DATES

DATE	APPROVAL	NOTES

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NORTH

0 10' 20' 40' 60'

SCALE: 1" = 20'-0"

DRAWN BY: AMM
DRAWING #: 2014-11-20_Lucente_SP.dwg
FILE #: 714111539.00

SHEET #
SP.1

Lucente

CITY OF LAKE WORTH
7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015 Regular Meeting **DEPARTMENT:** Community Sustainability

---

EXECUTIVE BRIEF

TITLE:
Ordinance No. 2015-02 - Second Reading and Second Public Hearing - amend the Comprehensive Plan to include a water supply plan and amend various elements.

SUMMARY:
The Ordinance to amend the Comprehensive Plan text to incorporate a water supply plan, etc. has been scheduled again for second reading and second public hearing because it was not properly advertised.

BACKGROUND AND JUSTIFICATION:
On April 7, 2015, the City Commission approved Ordinance No. 2015-02 by a 5-0 vote. Afterwards, it was learned that the legal notice advertisement was not placed in a newspaper of general circulation. In order to be in compliance with State requirements to amend the City's Comprehensive Plan, the second reading and second public hearing is again scheduled for Commission consideration.

Adopted by the 1985 Florida Legislature, the "*Local Government Comprehensive Planning and Land Development Regulation Act*" (reference Chapter 163, Part II, F.S., also known as Florida's "*Growth Management Act"*) requires all of Florida's 67 counties and 410 municipalities to adopt Local Government Comprehensive Plans that guide future growth and development. Comprehensive plans contain chapters or "elements" that address future land use, housing, transportation, infrastructure, coastal management, conservation, recreation and open space, intergovernmental coordination, and capital improvements.

The City of Lake Worth's Comprehensive Plan was last adopted October 20, 2009 (with amendments approved August 7, 2012). At that time, a 10-Year Water Supply Facilities Work Plan was adopted to coordinate with South Florida Water Management District's (SFWMD) Lower East Coast (LEC) Water Supply Plan. Work Plans are required to be updated every five (5) years to coordinate with 5-year updates to the LEC. The purpose of this report is to update the City's 10-Year Water Supply Facilities Work Plan in order to keep the City current with overall planning strategies and projection data. The City's updated Work Plan will be used to coordinate with SFWMD and their recent update to the LEC Water Supply Plan which was adopted by the SFWMD governing board on September 12, 2013. The City has 18 months from the date of adoption of the LEC, or by March 2015, to revise their Comprehensive Plan to incorporate the updated 10-Year Water Supply Facilities Work Plan. Work Plan details are included in Sections 2 through 4 of this report, and recommended Comprehensive Plan updates are included in Section 5.

On January 7, 2015 the Planning & Zoning Board at its regularly scheduled meeting discussed the amendments to the Comprehensive Plan and voted 7-0 to recommend approval to the City Commission.

The Historic Resources Preservation Board at its regularly scheduled meeting of January 14, 2015 reviewed the amendments to the Comprehensive Plan and voted 7-0 to recommend approval to the City Commission.

The Florida Department of Environmental Protection and the Department of Education have reviewed the amendment package and both agencies have no objection.

The South Florida Water Management District (District) reviewed the amendment package and has requested changes to be incorporated prior to the adoption of the amendment. The changes are related to providing explanation of the per capita rates, description for bulk purchase and or sales of water, etc. Comments from the District and staff responses to the District's comments are included as follows, in order to address the proposed changes to Exhibit A.

MOTION:
I move to approve/disapprove Ordinance No. 2015-02, with revisions to Attachment 'A' on second reading.

ATTACHMENT(S):
Fiscal Impact Analysis – not applicable
P&ZB/HRPB Staff Report
P&Z Board and HRPB Draft Minutes
Ordinance No. 2015-02
(Amended Exhibit A to Ordinance) 2014 10-Year Water Supply Plan

ORDINANCE NO. 2015-02 OF THE CITY OF LAKE WORTH, FLORIDA, ADOPTING A COMPREHENSIVE PLAN TEXT AMENDMENT BY INCORPORATING A WATER SUPPLY PLAN AND AMENDING THE FUTURE LAND USE ELEMENT, INFRASTRUCTURE ELEMENT, COASTAL MANAGEMENT ELEMENT, CONSERVATION ELEMENT, INTERGOVERNMENTAL COORDINATION ELEMENT AND CAPITAL IMPROVEMENTS ELEMENT; PROVIDING FOR SEVERABILITY, CONFLICTS AND AN EFFECTIVE DATE.

WHEREAS, the Florida Community Planning Act, Chapter 163, Part II, section 163.3161, *et seq.,* Florida Statutes (The Act), requires each municipality to adopt a comprehensive plan and authorizes amendments thereto; and

WHEREAS, the City previously adopted an Evaluation and Appraisal Report (EAR) comprehensive plan amendment on October 20, 2009; and

WHEREAS, in the 2009 EAR amendment, the City adopted its 10-Year Water Supply Facilities Work Plan (Water Supply Plan) to coordinate with the South Florida Water Management District's (SFWMD) Lower East Coast (LEC) Water Supply Plan; and

WHEREAS, in accordance with Section 373.709 and Section 163.3177(6)(c)3, Florida Statutes, the City's Water Supply Plan must be updated when SFWMD updates its LEC Water Supply Plan; and

WHEREAS, SFWMD adopted updates to its LEC Water Supply Plan on September 12, 2013; and

WHEREAS, the City must now adopt updates to its Water Supply Plan; and

WHEREAS, on January 7, 2015, the City of Lake Worth Planning and Zoning Board, sitting as the Local Planning Agency, recommended for approval the proposed update to the Water Supply Plan and associated comprehensive plan amendments, attached hereto as Exhibit "A" and incorporated herein; and

WHEREAS, on January 14, 2015, the City Historic Resources Preservation Board also recommended for approval the attached update to the Water Supply Plan and associated comprehensive plan amendments; and

WHEREAS, the City Commission has considered the attached update to the Water Supply Plan and associated comprehensive plan amendments; the report prepared by Matthews Consulting; and, the recommendations of staff, the Local Planning Agency and the Historic Resources Preservation Board; and

WHEREAS, the City Commission finds amending the comprehensive plan by incorporating the attached update to the Water Supply Plan and adopting the associated comprehensive plan amendments is in the best interests of the city and serves a valid public purpose.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF LAKE WORTH, FLORIDA, that:

Section 1. The foregoing recitals are true and accurate and are expressly incorporated herein by reference and made a part hereof.

Section 2. The City's comprehensive plan is amended by incorporating the Water Supply Plan, dated December 2014, and adopting the associated comprehensive plan amendments attached hereto as Exhibit "A" and incorporated herein. The associated amendments amend the Future Land Use Element, the Infrastructure Element, the Coastal Management Element, the Conservations Element, the Intergovernmental Coordination Element and the Capital Improvements Element.

Section 3. The City Manager or designee shall provide this ordinance and all other necessary documents to the Florida Department of Economic Opportunity and other reviewing agencies in accordance with section 163.3184(3), Florida Statutes.

Section 4. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

Section 5. If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or applications of this Ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this ordinance are declared to be severable.

Section 6. Pursuant to section 163.3184(3)(c)4, Florida Statutes, this ordinance does not become effective until 31 days after the state land planning agency notifies the City that the plan amendment package is complete. If this ordinance as a comprehensive plan amendment is timely challenged, this ordinance does not become effective until the state land planning agency or the Administration Commission enters a final order determining the adopted amendment to be in compliance. No development orders, development permits, or land uses dependent on this ordinance may be issued or commenced before it has become effective.

The passage of this ordinance on first reading was moved by Commissioner Amoroso, seconded by Vice Mayor Maxwell, and upon being put to a vote, the vote was as follows:

Mayor Pam Triolo	AYE
Vice Mayor Scott Maxwell	AYE
Commissioner Christopher McVoy	AYE
Commissioner Andy Amoroso	AYE
Commissioner John Szerdi	AYE

The Mayor thereupon declared this Ordinance duly passed on first reading on the 3rd day of February, 2015.

The passage of this Ordinance on second reading was moved by Commissioner _____, seconded by Commissioner _____, and upon being put to a vote, the vote was as follows:

Mayor Pam Triolo
Vice Mayor Scott Maxwell
Commissioner Christopher McVoy
Commissioner Andy Amoroso
Commissioner Ryan Maier

The Mayor thereupon declared this Ordinance duly passed the 5th day of May, 2015.

LAKE WORTH CITY COMMISSION

By:_____
Pam Triolo, Mayor

ATTEST:

_____
Pamela J. Lopez, City Clerk

EXHIBIT ‘A’

City of Lake Worth

Final

2014 10-Year Water Supply Facilities Work Plan

March 2015

Prepared by:

Mathews Consulting
Civil Engineers

City of Lake Worth

2014 10-Year Water Supply Facilities Work Plan

Table of Contents

Page

Section 1 Introduction

1.1 Project Background 1-1
1.2 Project Purpose and Scope 1-1

Section 2 Overview of Lake Worth's Existing Water Supply System

2.1 Service Area 2-1
2.2 SFWMD Water Use Permit 2-1
2.3 Raw Water Sources 2-3
2.4 Water Treatment Facilities 2-7
2.5 Water Storage Facilities 2-7
2.6 Water Distribution System and Interconnects with Other Municipalities 2-8
2.7 Domestic Self-Supply Systems 2-10
2.8 Conservation Program 2-10
2.9 Reuse 2-11
2.10 Regional Water Supply Issues 2-11

Section 3 Potable Water Needs Assessment

3.1 Population Projections 3-1
3.2 Historical Potable Water Demands and Levels of Service 3-4
3.3 Water Demand Projections and Capacity Evaluation 3-5

Section 4 Capital Improvements Program

4.1 Capital Improvements Program (CIP) Summary 4-1

Section 5 Comprehensive Plan Goals, Objectives and Policies (GOP)

5.1 Comprehensive Plan GOP 5-1

Page

Appendices

Appendix A – City of Lake Worth Bulk Water Service Contract
Appendix B – City of Lake Worth Historical Water Flows

List of Tables

Table 2.1 Lake Worth WUP Raw Water Withdrawal Limitations 2-1
Table 2.2 Lake Worth Raw Water Wellfield 2-6
Table 2.3 Lake Worth Potable Water Interconnects 2-8
Table 3.1 Lake Worth Water Service Area Population Projections through 2035 3-3
Table 3.2 Lake Worth Potable Water Levels of Service 3-5
Table 3.4 Lake Worth Water Demand Projections 3-6
Table 4.1 Lake Worth Water System Capital Improvement Program 4-2

List of Figures

Figure 2-1 Lake Worth Water Supply Service Area 2-2
Figure 2-2 Lake Worth Surficial Aquifer Wellfield 2-4
Figure 2-3 Lake Worth Floridan Aquifer Wellfield 2-5
Figure 2-4 Lake Worth Water Distribution System 2-9
Figure 3-1 Lake Worth Service Area and TAZ Map 3-2
Figure 3-2 Lake Worth Historical Water Flows 3-4

Section 1

Introduction

Section 1

Introduction

1.1 Project Background

Adopted by the 1985 Florida Legislature, the "*Local Government Comprehensive Planning and Land Development Regulation Act*" (reference Chapter 163, Part II, F.S., also known as Florida's *"Growth Management Act"*) requires all of Florida's 67 counties and 410 municipalities to adopt Local Government Comprehensive Plans that guide future growth and development. Comprehensive plans contain chapters or "elements" that address future land use, housing, transportation, infrastructure, coastal management, conservation, recreation and open space, intergovernmental coordination, and capital improvements. The City of Lake Worth's Comprehensive Plan was last adopted October 20, 2009 (with amendments approved August 7, 2012).

Water Supply Facilities Work Plans are required to be developed by Local Governments in order to identify specific water supply planning needs. The Work Plans are subsequently coordinated with the Local Government's Comprehensive Plan amendments, and these work plans are required to be updated every five (5) years to coordinate with 5-year updates to the South Florida Water Management District's (SFWMD) Lower East Coast (LEC) Water Supply Plan.

1.2 Project Purpose and Scope

The purpose of this report is to serve as the City's 10-Year Water Supply Facilities Work Plan in order to keep the City current with overall planning strategies and projection data. The City's Work Plan will be used to coordinate with SFWMD and their recent update to the LEC Water Supply Plan which was adopted by the SFWMD governing board on September 12, 2013. The City has 18 months from the date of adoption of the LEC, or by March 2015, to revise their Comprehensive Plan to incorporate the 10-Year Water Supply Facilities Work Plan. Work Plan details are included in Sections 2 through 4 of this report, and recommended Comprehensive Plan updates are included in Section 5.

Section 2

Overview of Lake Worth's Existing Water Supply System

Section 2

Existing Water Supply System

2.1 Service Area

The City of Lake Worth is a coastal community located in central Palm Beach County, Florida. The City's water service area includes approximately 10 square miles of residential and commercial property, and serves a population of 36,267 within the City, and a population of 11,593 outside of the municipal boundaries. There are approximately 21,731 ERUs in the City's service area, and the City current serves approximately 12,737 water accounts. The water service area includes areas in unincorporated Palm Beach County (including master meter sales to Lake Osborne Estates), and one (1) bulk water area which serves Lake Clarke Shores/Hypoluxo Village (bulk water sales agreement) (refer to Appendix A for a copy of the bulk water agreement). The City's water service area is shown in Figure 2-1.

2.2 SFWMD Water Use Permit

The City's existing Water Use Permit No. 50-00234-W was issued by the South Florida Water Management District (SFWMD) on October 29, 2012 and has a 20-year permit duration (through October 29, 2032). The current permit provides for an annual allocation of 4,106 million gallons per year (MGY) (which equates to an equivalent annual average of 11.25 MGD) and a maximum monthly allocation of 356.5 million gallons (which equates to an equivalent max. monthly average of 11.72 MGD). The City's raw water sources are the Surficial Aquifer System and the Floridan Aquifer System.

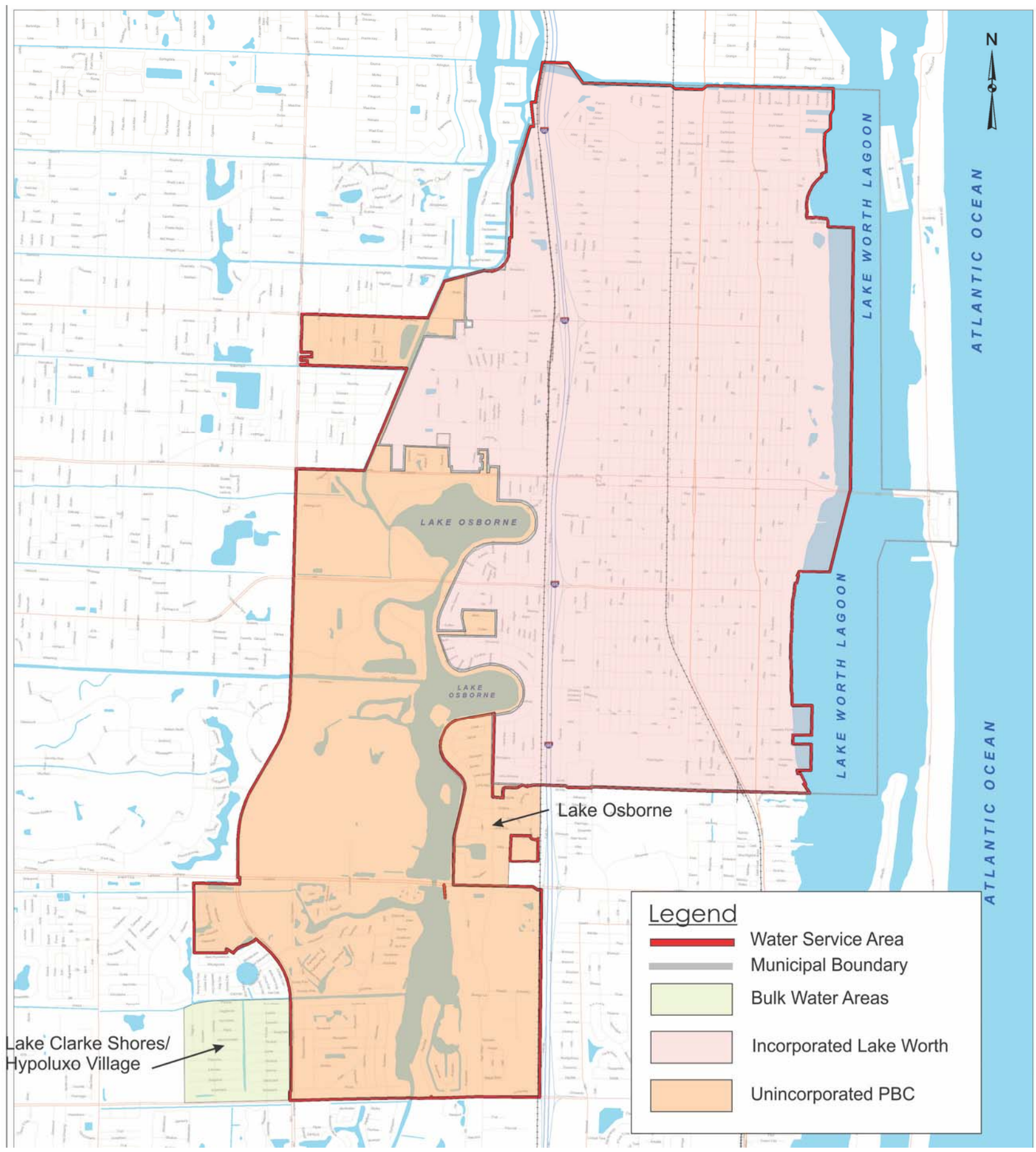
The following withdrawal limitations from specified sources are stipulated:

Table 2.1
Lake Worth WUP Raw Water Withdrawal Limitations

Criteria	Surficial Aquifer System	Floridan Aquifer System
Annual Withdrawal, MG (equiv. MGD)	1,916 (5.25)	2,190 (6.0)
Maximum Monthly Withdrawal, MG (equiv. MGD)	180 (5.92)	206 (6.77)
Monthly Average Dry Season (Dec. thru May), MG (equiv. MGD)	152 (5.0)	n/a
Monthly Average Wet Season (Jun. thru Nov.), MG (equiv. MGD)	168 (5.5)	n/a
SAS Wells 1-15, Monthly Average Dry Season (Dec. thru May), MG (equiv. MGD)	101 (3.3)	n/a
SAS Wells 1-15 Monthly Average Wet Season (Jun. thru Nov.), MG (equiv. MGD)	112 (3.68)	n/a

Source: SFWMD WUP No. 50-00234-W issued October 29, 2012.

Figure 2-1
Lake Worth Water Supply Service Area



2.3 Raw Water Sources

The Surficial Aquifer and the Floridan Aquifer are the sources that are utilized by the City of Lake Worth for its raw water supply. The wells consist of casings that are 12-inch to 16-inch in diameter. The raw water is withdrawn by either submersible turbine pumps (Surficial) or artesian pressure (Floridan) that discharge through a raw water collection and transmission system.

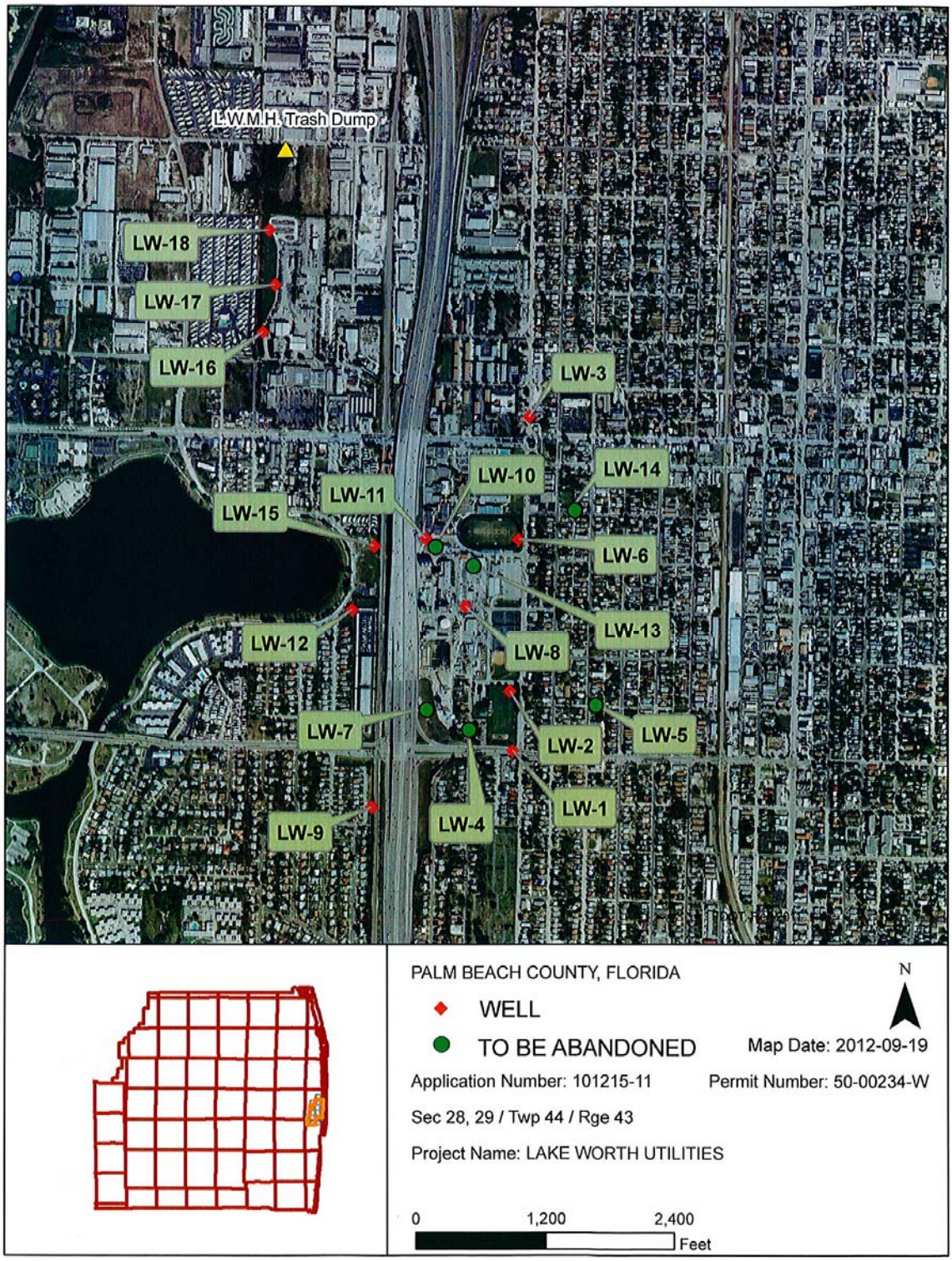
There are eighteen (18) Surficial Aquifer wells as shown in Figure 2-2. Nine (9) wells are active, three (3) wells are proposed, two (2) wells are abandoned, and four (4) wells are proposed to be abandoned. The Surficial Aquifer wells provide raw water to be treated at the City's Lime Softening Water Treatment Plant.

There are three (3) existing and seven (7) proposed Floridan Aquifer wells as shown in Figure 2-3. The Floridan Aquifer wells provide brackish raw water to be treated at the City's Reverse Osmosis (RO) Water Treatment Plant.

Well descriptions and details are included in Table 2.1.

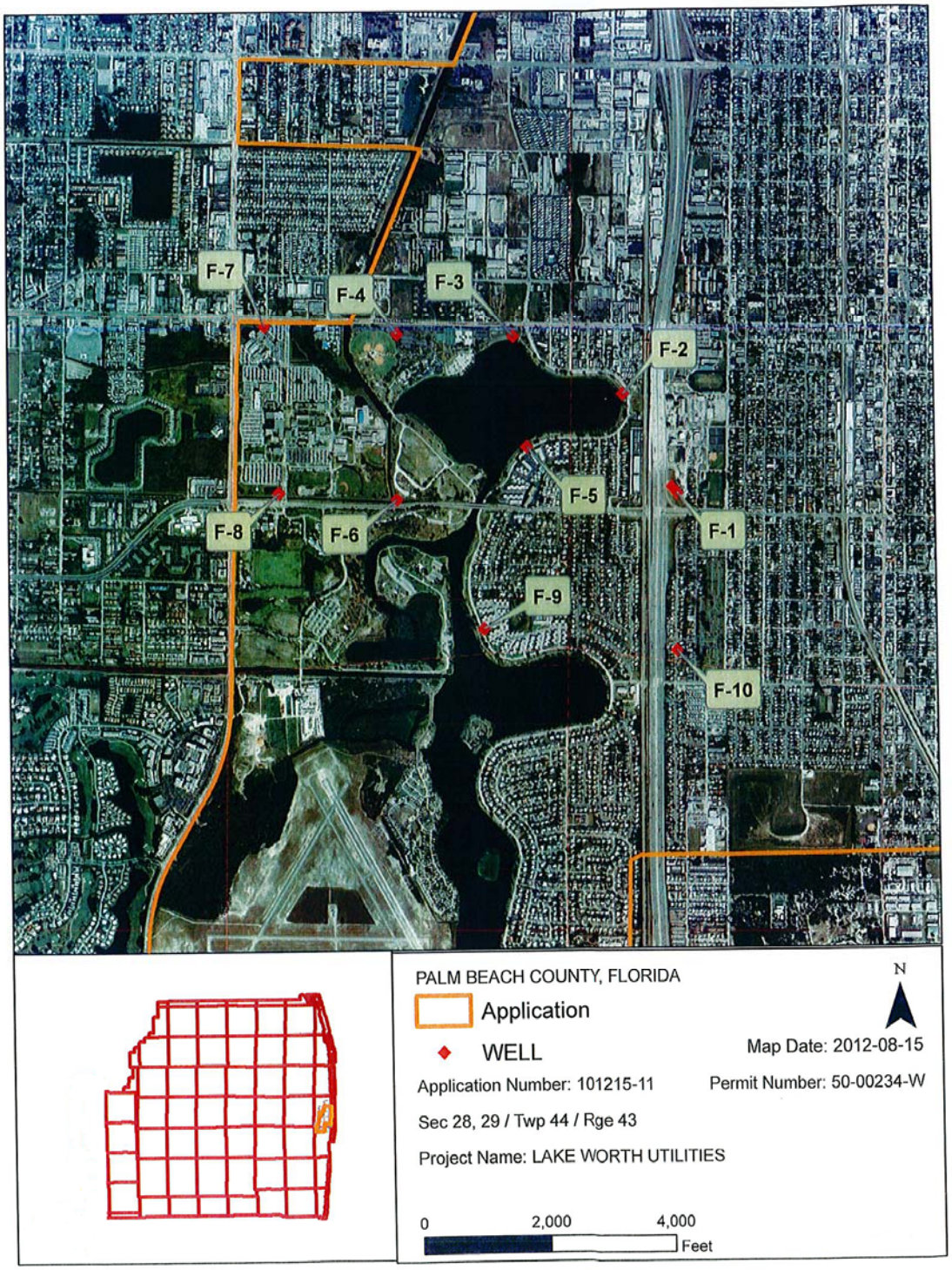
The total wellfield capacity is approximately 20.68 MGD, but is limited to average annual and maximum monthly withdrawal per the SFWMD water use permit described above in Section 2.2.

Figure 2-2
Lake Worth Surficial Aquifer Wellfield



Source: SFWMD WUP No. 50-00234-W issued October 29, 2012. Wells LW-5 and LW-13 have been abandoned as of July 2012.

Figure 2-3
Lake Worth Floridan Aquifer Wellfield



Source: SFWMD WUP No. 50-00234-W issued October 29, 2012.

Table 2.2
Lake Worth Raw Water Wellfield

Well No.	Status	Diameter (in.)	Depth (feet)	Year Installed	Initial Capacity (gpm)
Surficial Aquifer Wells					
LW-1	Active Primary	12	250	1980	1000
LW-2	Active Primary	12	200	1946	1000
LW-3	Active Standby	14	250	2000	800
LW-4	To Be Abandoned by 2020	12	110	1944	750
LW-5	Abandoned	14	310	1990	800
LW-6	Active Primary	14	175	1988	800
LW-7	To Be Abandoned by 2020	14	150	1986	1000
LW-8	Active Primary	14	138	1987	700
LW-9R	Active Primary	12	258	2005	800
LW-10	To Be Abandoned by 2020	14	159	1987	900
LW-11	Active Primary	14	102	1952	750
LW-12	Active Standby	14	160	2003	800
LW-13	Abandoned	12	116	1952	750
LW-14	To Be Abandoned by 2020	12	250	1974	1000
LW-15R	Active Primary	14	280	2010	800
LW-16	Proposed Primary	14	250	2014	800
LW-17	Proposed Primary	14	160	2016	800
LW-18	Proposed Standby	14	160	2017	800
		Total Active + Proposed Capacity, gpm (MGD):			9,850 (14.2)
		Total Active + Proposed Firm Capacity, gpm (MGD):			8,850 (12.75)
Floridan Aquifer Wells					
F-1	Active	16	1520	2004	1500
F-2	Active	16	1484	2005	1500
F-3	Active	16	1490	2006	1500
F-4	Proposed (2020)	16	1550	TBD	1500
F-5	Proposed	16	1550	TBD	1500
F-6	Proposed	16	1550	TBD	1500
F-7	Proposed	16	1550	TBD	1500
F-8	Proposed	16	1550	TBD	1500
F-9	Proposed	16	1550	TBD	1500
F-10	Proposed	16	1550	TBD	1500
		Total Active Capacity, gpm (MGD):			4,500 (6.48)
		Total Active Firm Capacity, gpm (MGD):			3,000 (4.32)

2.4 Water Treatment Facilities

The City owns and operates the City of Lake Worth Water Treatment Plant (WTP) which provides potable water to the City's water service area. The plant includes two (2) treatment processes: a lime softening treatment plant which utilizes raw water from the Surficial Aquifer, and a Reverse Osmosis (RO) treatment plant which utilizes raw water from the Floridan Aquifer.

The lime softening WTP provides 12.9 MGD capacity, and includes lime softening, filtration, chemical addition and disinfection treatment processes. The lime softening facility consists of a rapid-mix chamber, two (2) horizontal flocculation and sedimentation basins (settling basins), and six (6) multimedia gravity filters. Each gravity filter has a capacity of 3.0 MGD, but is operated at a capacity of 2.5 MGD, yielding a total capacity of 15 MGD. Consequently, the overall capacity of the water treatment facilities is limited only by the 12.9 MGD capacity of the lime softening unit process.

The RO WTP was constructed in 2011 and provides 4.5 MGD total capacity, with three (3) membrane trains each rated at 1.5 MGD. The RO WTP is designed to be expanded in the future for a total capacity of 9.0 MGD, with six (6) membrane trains at 1.5 MGD each. Each membrane train is expandable by 15% capacity by the addition of 6 pressure vessels on the top row of the membrane train frame.

The RO WTP includes cartridge filtration, membrane feed pumps, chemical addition (acid, scale inhibitor and caustic), degasification/odor control, and disinfection treatment processes. RO concentrate is disposed through a deep injection well. The RO WTP is designed for a recovery rate of 75%.

A raw water bypass blend line and pipeline connection has been provided to allow 5 to 10 percent of the Floridan raw feed water to be blended with the permeate water stream. The purpose of this blend water stream is to add Hardness back to the permeate water flow.

The finished water from the two treatment processes is blended together prior to distribution.

2.5 Water Storage Facilities

The City's water storage facilities include a 1.8 MG clearwell (used for disinfection contact time), a 1.0 MG clearwell, a 1.5 MG ground storage tank and a 0.3 MG elevated storage tank at the water treatment facility. Total water storage volume at the water treatment plant site (not including the 1.8 MG clearwell) is 2.8 MG.

The City's water storage facilities also includes several off-site facilities, including a 0.3 MG elevated storage tank at 22nd Avenue N and N "D" Street, a 0.5 MG ground storage tank at the South Booster Station, and a 0.5 MG ground storage tank at the North Booster Station. Total water storage volume at the offsite facilities is 1.3 MG.

The water storage facilities are shown on Figure 2-4. The City's total water storage volume for the plant and for the offsite facilities combined is 5.9 MG and provides sufficient capacity to meet peak hourly and fire flow demands, and to provide adequate contract time for disinfection prior to distribution.

2.6 Water Distribution System and Interconnects with Other Municipalities

The water distribution system consists of a piping network made up of transmission mains sized 12-inch to 36-inch in diameter, and distribution mains sized 2-inch to 10-inch in diameter. The majority of the distribution piping is 6-inch diameter and smaller. Most of the 2-inch lines are galvanized steel. The 4-inch through 36-inch lines are a combination of cast iron, PVC and ductile iron.

The water distribution system is supplied by five (5) high service water distribution pumps. Two (2) of the pumps (#1 and #2) are rated for 6,900 gpm (300 Hp), one (1) pump (#5) is rated for 3,900 gpm (125 Hp) and two (2) of the pumps (#3 and #4) are rated for 2,800 gpm (100 Hp) at a system operating pressure of 60 psi. This provides a total pumping capacity of 23,300 gpm, and a total firm pumping capacity of 16,400 gpm.

The water distribution system includes two (2) booster pumping stations: the North Booster Station and the South Booster Station. The North Booster Station includes two (2) 1,500 gpm pumps, and the South Booster Station has two (2) 1,125 gpm pumps, for a total pumping capacity of 5,250 gpm, and a total firm pumping capacity of 2,625 gpm.

Six (6) interconnects exist between the City of Lake Worth and neighboring water suppliers, which are listed in Table 2.2 as follows:

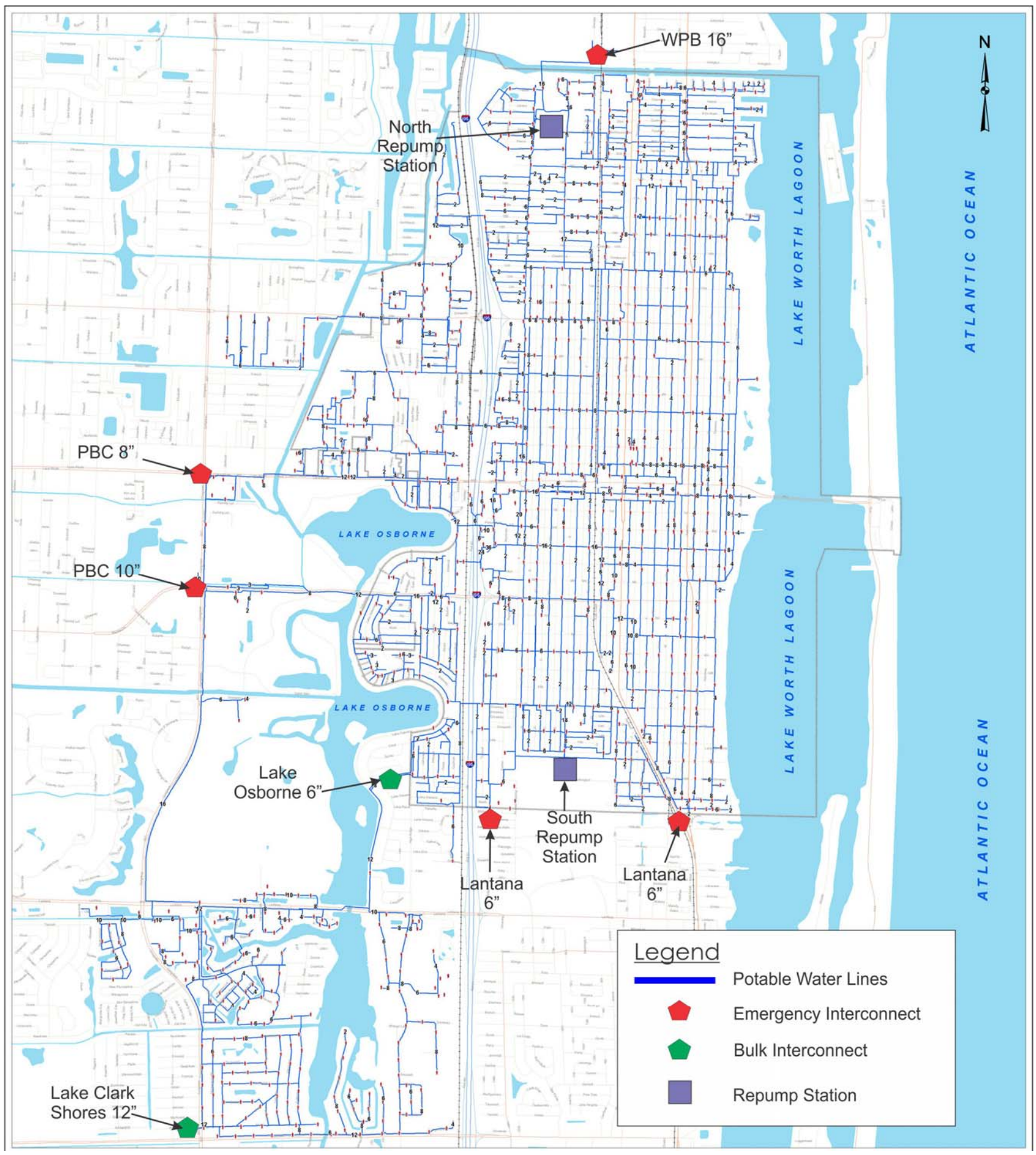
Table 2.3
Lake Worth Potable Water Interconnects

Interconnecting Municipality	Type	Interconnect Location	Interconnect Size
Palm Beach County	Emergency	6th Avenue and Congress Avenue	10-inch
Palm Beach County	Emergency	Lake Worth Road and Congress Avenue	8-inch
West Palm Beach	Emergency	West Palm Beach Canal / C-51 and Gregory Road	16-inch
Lantana	Emergency	Ridge Road	6-inch
Lantana	Emergency	Dixie Highway	6-inch

These interconnects can be used to maintain water supply within the City during emergency conditions, or to provide emergency water to the neighboring utility from the City of Lake Worth. Currently, one of the interconnects with the Town of Lantana (on Dixie Highway) is disconnected.

The City's water distribution system and interconnects are shown in Figure 2-4.

Figure 2-4
Lake Worth Water Distribution System



2.7 Domestic Self-Supply Systems

Domestic self-supply systems are private water wells used by customers for their own domestic water supply source. These private systems are regulated by the Palm Beach County Environmental Control Rule II (ECR II), which is implemented and enforced through the Palm Beach County Health Department. The ECR II requires private water systems to connect to an approved community water system if there is an available water main within 100 feet in a public right-of-way (ROW) or easement abutting the property on which the building(s) are located.

There are a few, isolated individual homes within the City of Lake Worth's service area that use private wells for water supply. Currently, the City does not require connection to the City's water system, but encourages connection on a voluntary basis. Due to the few numbers of these private systems, connection of these systems will not affect or impact the City's projected water supply needs.

2.8 Conservation Program

The City of Lake Worth Implements a Water Conservation Program which includes the following:

- Irrigation Ordinance

The City of Lake Worth Implements year-round landscape irrigation conservation measures in times of water shortage. The City adopted Florida Adminstration Code 40E which describes water use restriction during different levels of water shortage. During times of water shortage, the City allows irrigation for three days per week. Irrigation during these times are prohibited during the hours from 10:00 am to 4:00pm.

The City allows year-round watering seven (7) days a week if the home owner uses low volume irrigation, micro-irrigation, low-volume hand watering methods, and rain barrels, cisterns, or other similar rain-harvesting devices.

- Landscape Regulations

The City's Ordinance Section 23.6 "Landscaping Regulations" focuses on the conservation of potable and non-potable water by setting landscape design standards to promote planting of native species, using shade trees, limiting lawn grass, and designing yard to retain storm runoff.

- Public Education Programs

The City promotes water conservation though handouts which are distributed at Board Meeting, Commission Meetings, Public Meetings, and with Utility bills. The handouts contain AWWA and SFWMD information which educates the public on the benefits of conserving water, water conservation tips and how to check and replace leaky faucets, shower heads, toilets and irrigation systems. The City also supports the "Florida-Friendly Landscaping" Program.

♦ Ultra-Low Volume Plumbing Fixture Ordinance

The City previously adopted the Standard Plumbing Code (1997 ed.) that requires the use of ultra-low volume plumbing fixtures.

♦ Water Conservation Rate Structure

The City previously adopted a Water Conservation Rate Structure. The rate structure establishes block rates based on volume of water usage, with increasing rates at higher usage.

♦ Leak Detection Program

The City has taken a number of steps to reduce unaccounted-for water losses. A meter replacement program has been in place to improve metered flow accuracy to large users. The City plans to replace 2-inch galvanized water mains that are 50 years plus old with a 6-year phased program beginning in 2015.

♦ Rain Sensor Device Ordinance

The City is in the process of adopting a Rain Sensor Device Ordinance. The Ordinance will require that customers install rain sensors on new irrigation systems. The sensors detect when it is raining and automatically turn the irrigation system off.

2.9 Reuse

The City of Lake Worth's wastewater treatment is provided by the East Central Regional Water Reclamation Facility (ECRWRF) located in West Palm Beach, Florida. The City's wastewater is conveyed to the ECRWRF through Lake Worth's and Palm Beach County's wastewater collection and transmission systems. The ECRWRF is approximately 10-miles northwest of Lake Worth. The ECRWRF has implemented a reuse water program that primarily provides reuse water to FPL under separate contract with PBC. There are no facilities in the vicinity of Lake Worth that provide reuse water from the ERCWRF. Currently, reuse water is not an alternative water supply that is available to the City of Lake Worth from the ERCWRF or any other water reclamation facility.

2.10 Regional Water Supply Issues

The City of Lake Worth shares common goals with the Lower East Coast (LEC) Region, such as decreasing the regions dependency on the Surficial Aquifer, lowering per capita water use, increasing conservation and continuing reclaimed water efforts.

The City constructed a Reverse Osmosis Process Train at their Water Treatment Plant to take in brackish water from the Floridan Aquifer. Treating water from the Floridan Aquifer reduces the regional dependency on the Surficial Aquifer. Currently, the City has three (3) Floridan Aquifer wells and plans to add an

additional seven (7) Floridan wells to increase withdrawal from the Floridan Aquifer and decrease withdrawal from the Surficial Aquifer.

The City is currently implementing an extensive CIP and R&R program which includes $32 million dollars worth of water system improvements between 2014 and 2019. Projects include water main replacement, Water Treatment Plant maintenance, high service pump maintenance, well replacement, and storage tank rehabilitation. These projects will increase overall water system efficiency and reduce water loss from the City's water main system.

In order to continually achieve lower per capita water use, the City created a strong conservation program which includes strict irrigation hours, ultra-low volume plumbing fixtures, block rate structure (to decrease demand), leak detection programs, rain sensor devices with automatic irrigation shut-off, and a public education program.

The East Central Regional Water Reclamation Facility (ECRWRF) treats wastewater from the City of Lake Worth, the City of West Palm Beach, Palm Beach County and the Town of Palm Beach. A portion of the ECRWRF's wastewater is converted to reclaimed water which is used by Florida Power and Light for cooling water for their power plant located on SR 80. Lake Worth participates in this regional group to promote the use of reclaimed water as an alternative water supply source.

Section 3

Potable Water Needs Assessment

Section 3

Potable Water Needs Assessment

3.1 Population Projections

Each year, the Bureau of Economic and Business Research (BEBR) at the University of Florida prepares the official population projections, in five-year intervals, for each Florida County. Since BEBR issues only a single countywide figure for each county, the Planning Division of the Palm Beach County (PBC) Planning Department annually allocates these figures to smaller geographies for localized planning efforts.

PBC prepares the Population Allocation Model every other year as a tool for long-range service delivery planning in Palm Beach County. Ch. 163.3177(1)(f)3, F.S., requires that each comprehensive plan be based upon population projections published by the Office of Economic and Demographic Research (OEDR) or generated by the local government based upon professionally acceptable methodology. The OEDR publishes the projections prepared by BEBR. PBC utilizes the OEDR/BEBR medium range projections for the County's Population Allocation Model.

The population projections developed for the City of Lake Worth are based on the PBC Planning Departments' 2013 Population Allocation Model. The projected population for the City of Lake Worth water service area was estimated by overlaying a map of Lake Worth's service area onto PBC's GIS base map containing population segregated into TAZs (refer to Figure 3-1). Population projections for the City were developed by assessing a percentage of service area located within each TAZ and summing the population projections of the individual TAZs within the overall service area. A summary of the final population projections are included in Table 3.1.

Figure 3-1
Lake Worth Water Service Area and TAZ Map

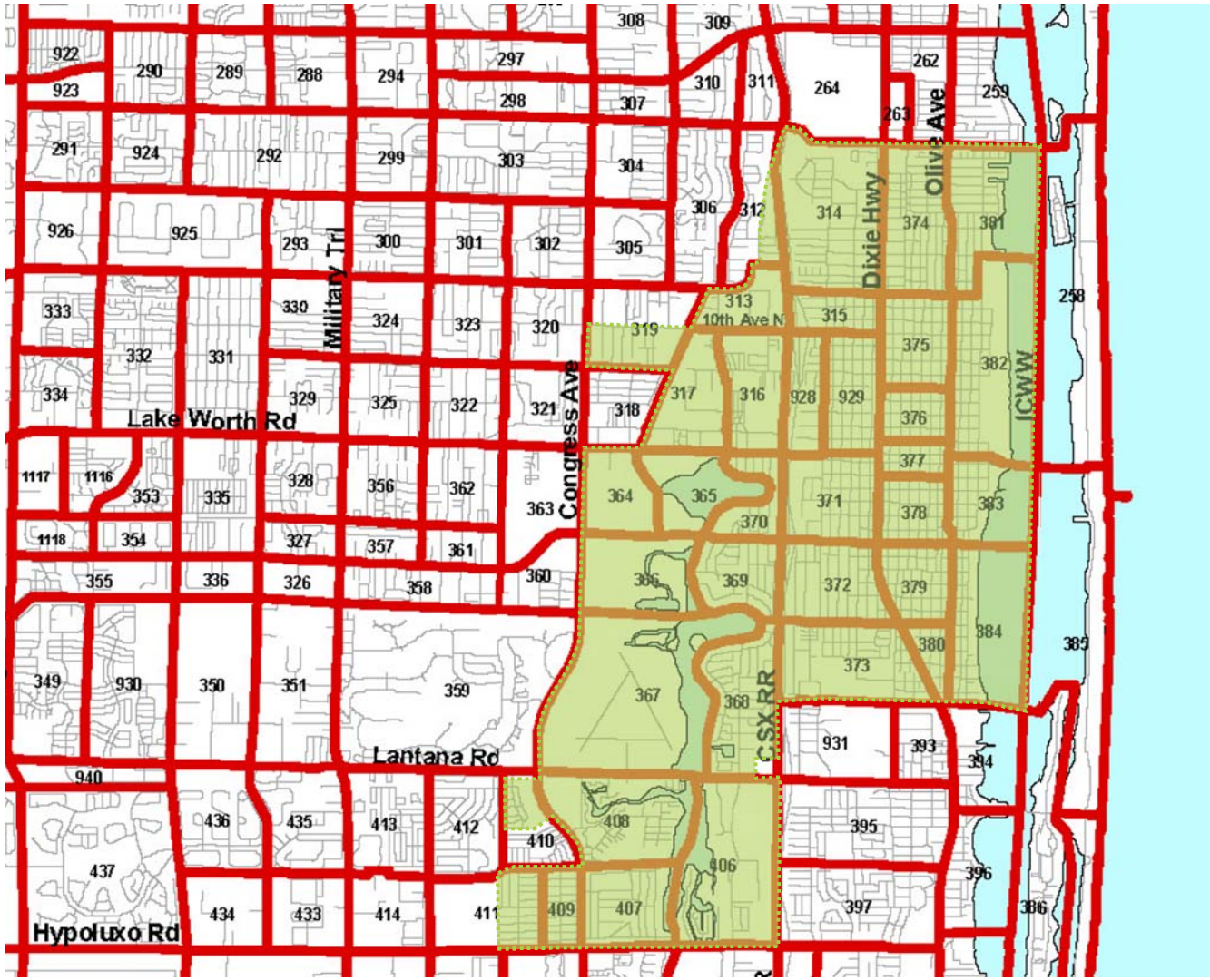


Table 3.1
Lake Worth Water Service Area
Population Projections through 2035

TAZ	% of TAZ Population in Service Area	2012	2013	2015	2020	2025	2030	2035	Percent Growth 2015 - 2035
Incorporated Lake Worth									
312	30%	249	251	252	254	256	260	263	4%
313	100%	31	32	32	95	139	194	322	911%
314	100%	2,513	2,575	2,623	2,729	2,854	2,994	3,088	18%
315	100%	852	873	877	886	910	944	972	11%
316	100%	450	460	460	463	495	533	628	36%
317	70%	667	680	683	926	1,037	1,213	1,366	100%
368	30%	569	572	575	588	600	615	627	9%
369	95%	1,236	1,261	1,265	1,274	1,310	1,363	1,425	13%
370	90%	1,301	1,331	1,335	1,351	1,392	1,456	1,508	13%
371	100%	2,770	2,848	2,867	2,920	3,057	3,250	3,377	18%
372	100%	3,223	3,301	3,316	3,355	3,456	3,606	3,718	12%
373	100%	2,379	2,438	2,474	2,552	2,662	2,799	2,885	17%
374	100%	2,106	2,157	2,164	2,183	2,244	2,336	2,408	11%
375	100%	1,982	2,038	2,062	2,119	2,215	2,338	2,421	17%
376	100%	1,172	1,205	1,220	1,243	1,317	1,422	1,491	22%
377	100%	342	350	385	388	405	429	459	19%
378	100%	1,425	1,463	1,471	1,494	1,548	1,622	1,682	14%
379	100%	2,076	2,132	2,153	2,203	2,291	2,402	2,482	15%
380	100%	668	693	695	702	732	779	823	19%
381	100%	1,325	1,355	1,360	1,371	1,395	1,429	1,452	7%
382	100%	1,341	1,372	1,375	1,386	1,419	1,468	1,504	9%
383	100%	953	976	997	1,017	1,062	1,121	1,172	18%
384	100%	990	1,021	1,047	1,062	1,099	1,150	1,193	14%
928	100%	1,041	1,088	1,107	1,163	1,269	1,396	1,476	33%
929	100%	3,702	3,795	3,822	3,886	4,001	4,154	4,267	12%
Total		**35,365**	**36,267**	**36,617**	**37,610**	**39,165**	**41,271**	**43,010**	**17%**
Unincorportated Palm Beach County									
316	0%	0	0	0	0	0	0	0	0%
317	30%	286	292	293	397	445	520	585	100%
319	50%	1,371	1,385	1,389	1,401	1,445	1,657	1,712	23%
364	100%	22	22	22	23	23	24	24	7%
365-Park	100%	0	0	0	0	0	0	0	0%
366 - Park	100%	0	0	0	0	0	0	0	0%
367	100%	117	117	117	117	119	122	124	6%
368	70%	1,328	1,335	1,342	1,372	1,399	1,435	1,464	9%
369	5%	65	66	67	67	69	72	75	13%
370	10%	145	148	148	150	155	162	168	13%
406	100%	743	748	769	811	860	904	978	27%
407	100%	1,207	1,210	1,219	1,247	1,266	1,293	1,318	8%
408	100%	2,839	2,836	2,960	3,060	3,119	3,197	3,253	10%
410	30%	538	537	538	541	559	582	631	17%
Total		**8,661**	**8,696**	**8,864**	**9,186**	**9,458**	**9,966**	**10,332**	**17%**
Lake Osborne									
368	70%	1,328	1,335	1,342	1,372	1,399	1,435	1,464	9%
Total		**1,328**	**1,335**	**1,342**	**1,372**	**1,399**	**1,435**	**1,464**	**9%**
Lake Clark Shores/Hypoluxo Village									
409	100%	601	602	606	615	622	629	634	5%
411	100%	856	860	875	902	923	942	958	10%
Total		**1,457**	**1,462**	**1,481**	**1,516**	**1,545**	**1,571**	**1,593**	**8%**
Total		**46,812**	**47,760**	**48,303**	**49,685**	**51,568**	**54,243**	**56,399**	**17%**

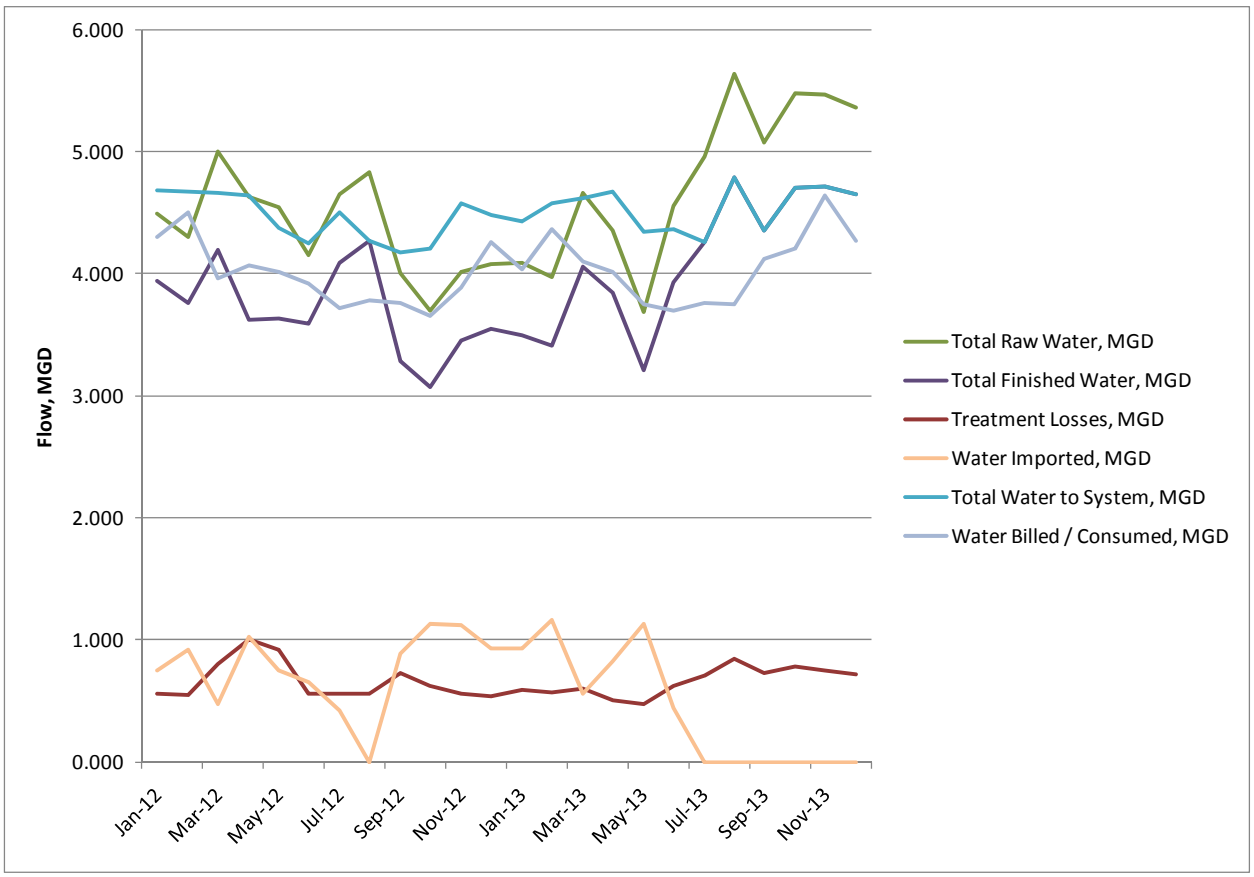
**Source PBC Planning Department 2013 Population Allocation Model*

3.2 Historical Potable Water Demands and Levels of Service

Two years of data, January 2012 to December 2013, was evaluated to establish recent historical potable water demands for the City of Lake Worth. Consumption data records from the City's billing accounts, as well as raw and finished water flow data from the City's water treatment plant operation records were reviewed and summarized.

Lake Worth's historical raw, finished and billed/consumed water flows are shown in Figure 3-2. A complete summary of the City's historical water data is provided in Appendix B.

Figure 3-2
Lake Worth Historical Water Flows



Based upon the historical demand evaluation, Table 3.2 shows the Levels of Service that are established for the City:

Table 3.2
Lake Worth Potable Water Levels of Service

Service Item	Value
Aggregate Per Capita Finished Water Demand	95 gal/capita/day
Average Person per Household[1]	2.65
Max. Month : Average Day Demand Factor	1.16
Max. Day : Average Day Demand Factor	1.5
Peak Hour : Max Day Demand Factor[2]	2.0
Minimum Water Distribution System Pressure at Peak / Fire Flow Conditions[2]	30 psi
Minimum Fire Flow Requirements[2]	1,000 gpm Residential 2,000 gpm Multi-Family, Commercial, and Industrial

(1) Source: U.S. Census 2010 data.
(2) Source: Lake Worth Water Distribution System Hydraulic Model, by Mock Roos

3.3 Water Demand Projections and Capacity Evaluation

The population projections established under Section 3.1 were coupled with the projected Levels of Service established under this Section 3.4 to develop water demand projections for the City. The water demand projections are provided in Table 3.4.

Based on the projections, in the next 10 years, the City is anticipated to have a total finished water demand (average day) of 4.9 MGD and a maximum day demand of 7.35 MGD in the Year 2025. The water treatment plant currently has a permitted capacity of 17.4 MGD, which provides for sufficient capacity to meet the City's water demand needs over the next 10-year planning period.

However, the plant capacity is limited by the volume of raw water which is permitted to be withdrawn by the South Florida Water Management District (SFWMD) through the City's Water Use Permit (WUP). The current WUP allows for withdrawal of 4,106 million gallons per year, which is equivalent to an average daily withdrawal of 11.25 MGD, with a maximum monthly allocation of 356.5 million gallons (equivalent to 11.72 MGD maximum month average daily flow). The projected raw water needs in 2025 are 5.73 MGD average daily flow, and 6.65 MGD maximum month average daily flow. Based on the projections, the current permit is sufficient to meet the 10-year water supply needs of the City (through Year 2025).

It is projected that the raw water capacity of the current WUP will meet the water supply needs of the City for the 20-year duration of the permit (through the Year 2032) and beyond.

Table 3.4
Lake Worth Water Demand Projections

Year	Service Area Population					Water Demand					Lime + RO Water Treatment Capacity, MGD	WTP Capacity Surplus / (Deficit), AADF MGD	WTP Capacity Surplus / (Deficit), MDF MGD	Wellfield Capacity, AADF MGD[4]	Wellfield Capacity Surplus / (Deficit), AADF MGD
	Incorp. Lake Worth	Unincorp. Palm Beach County	Lake Osborne	Lake Clark Shores / Hypoluxo Village	Total	Average Raw Water, MGD [1]	Average Finished + Bulk Water, MGD	Average Consumed / Billed Water, MGD [2]	GPCD	Projected Max. Day Finished, MGD [3]					
2012	35,365	8,661	1,328	1,457	46,812	4.367	4.459	3.986	95						
2013	36,267	8,696	1,335	1,462	47,760	4.777	4.540	4.059	95						
2015	36,617	8,864	1,342	1,481	48,303	5.366	4.589	4.157	95	6.883	17.4	12.811	10.517	11.25	5.884
2020	37,610	9,186	1,372	1,516	49,685	5.519	4.720	4.276	95	7.080	17.4	12.680	10.320	11.25	5.731
2025	39,165	9,458	1,399	1,545	51,568	5.728	4.899	4.438	95	7.348	17.4	12.501	10.052	11.25	5.522
2030	41,271	9,966	1,435	1,571	54,243	6.026	5.153	4.669	95	7.730	17.4	12.247	9.670	11.25	5.224
2035	43,010	10,332	1,464	1,593	56,399	6.265	5.358	4.854	95	8.037	17.4	12.042	9.363	11.25	4.985

= Historical Data

= Projected Data

(1) Average Treatment Plant Water Loss = 14.48%
(2) Average Distribution System Water Loss = 9.4%
(3) Max. Day : Average Day Factor = 1.5
(4) Wellfield capacity based on SFWMD WUP AADF withdrawal allocation for Surficial + Floridan Aquifer systems.

Regarding the City's water distribution system, a "*Water Distribution System Hydraulic Model*" was developed by the City's Engineering Consultant, Mock Roos, in December 2005, with an update provided in April 2013. The hydraulic model evaluated the City's water distribution system under future water demand and fire flow conditions. Deficiencies noted in the evaluation were developed into a water system Capital Improvement Program (CIP) (refer to Section 4).

The Hydraulic Model utilized the following assumptions for future flow conditions:

- Average Water Demand (existing) = 7.1 MGD
- Future Average Water Demand = 8.52 MGD (current demand x 1.2 peak factor)
- Future Maximum Day Demand = 12.78 MGD (future average demand x 1.5 peak factor)
- Future Peak Hour Demand = 25.56 MGD (future maximum day demand x 2.0 peak factor)

When compared to the water demand projections presented above, the assumptions utilized in the City's Hydraulic Model exceed the projected 10-year Average Day Demand of 4.9 MGD and Maximum Day Demand of 7.35 MGD. Therefore, with implementation of the recommended CIP projects, the distribution system has adequate capacity to serve the City's 10-year water supply needs.

Regarding the City's water distribution high service pumps and booster pump stations, it was previously noted in Section 2.6 that the City's has a firm pumping capacity of 19,025 gpm. The 10-year water demand projections estimate a Maximum Daily Flow of 7.35 MGD in 2025, with a Peak Hour Flow of 16.2 MGD (11,280 gpm). Since the firm pumping capacity of 19,025 gpm exceeds the projected peak hour demand of 11,280 gpm, the water distribution high service pumps and booster pump stations have adequate capacity to serve the City's 10-year peak hour water demands.

Section 4

Capital Improvement Program

Section 4

Capital Improvement Program

4.1 Capital Improvement Program (CIP) Summary

The City of Lake Worth Utility Department creates a Capital Improvement Program (CIP) to outline the necessary capital improvement and renewal & replacement upgrades that are required for the water distribution system and Water Treatment Plant. The City's 5-Year CIP is listed in Table 4.1 and consists of $32M of water system improvements between 2014 and 2019.

The City plans an extensive water main replacement program which includes replacing 2-inch lines and upgrading pipes to provide improved fire protection. The Water Treatment Plant is scheduled to replace three (3) High Service Pumps and rehabilitate Well LW-12, and the ground storage tank. The City also plans to complete construction of well LW-16 and construct three (3) new wells in the next 5 years, including LW-17, LW-18 and F-4.

Table 4.1
Lake Worth Water System Capital Improvement Program

Lake Worth Utility CIP								
	PYs as of 9/30/2013	Budgeted FY 2014	Budgeted FY 2015	Budgeted FY 2016	Budgeted FY 2017	Budgeted FY 2018	Budgeted FY 2019	**Total**
LW 2020 Water Project Fund - 305								
K St & M St		$171,325	$1,142,167					$1,313,492
N F St		$65,628	$437,517					$503,145
15, 16, 17, 18 Ave N; Terr Dr		$400,358	$2,669,050					$3,069,408
Tropical Dr & Barton Rd		$165,033	$1,100,221					$1,265,254
Snowden & Collier			$187,623	$1,250,816				$1,438,439
S. C, D, E, F St			$189,544	$1,263,625				$1,453,169
S. B, C, F St 3rd, 4th, 5th Ave			$99,506	$663,375				$762,881
7th Ave S 8th Ave S, Elm F St					$105,308	$702,058		$807,366
15th Ave S & S N St						$72,063	$480,425	$552,488
Wright, Small, Barber Dr						$108,766	$725,106	$833,872
S East Coast & S H St						$34,378	$229,187	$263,565
Sub Total 305 Fund Water Distribution	**$0**	**$802,344**	**$5,825,628**	**$3,177,816**	**$105,308**	**$917,265**	**$1,434,718**	**$12,263,079**
Water Fund - 402								
WM Replacement Crestwood (Completed)	$20,000	$346,000						$366,000
WM Replacement 14th Ave N (Completed)	$26,000	$160,000						$186,000
WM Replacement 15th Ave N (Completed)	$26,000	$246,783						$272,783
WM Install 10th Ave S (Completed)	$50,000	$560,000						$610,000
2" Watermain Replacement			$500,000	$2,700,000	$2,700,000	$2,700,000	$2,700,000	$11,300,000
WM Replacement Lake & Lucerne J, K, L, G, M				$80,000	$800,000			$880,000
WM Replacement Lake & Lucerne & FEC					$150,000			$150,000
O St & S Palmway MP yr 7				$62,000	$410,000			$472,000
Hillcrest Dr							$26,000	$26,000
S K, L, M, St & 1st Ave S							$73,000	$73,000
15th Ave S & S G St							$69,000	$69,000
11th Ave S & S G St							$62,000	$62,000
Vasser & Byrn Mawr							$64,000	$64,000
Duke, Lakeside Dr, Wellesley Dr							$67,000	$67,000
13th Ave N & 11th Ave N							$37,000	$37,000
N H St - 2nd to 5th							$37,000	$37,000
Sub Total 402 Fund Water Distribution	**$122,000**	**$1,312,783**	**$500,000**	**$2,842,000**	**$4,060,000**	**$2,700,000**	**$3,135,000**	**$14,671,783**
4 LOG WTP Improvements		$690,008						$690,008
Lime Softening basin		$30,500						$30,500
Well 9R Rehabilitation (Completed)		$200,000						$200,000
Raw WM Install Well # 16, 17, 18	$69,500	$860,000	$120,000	$120,000				$1,169,500
New Construction Well # 16 (Completed)	$58,900	$662,000	$380,000					$1,100,900
Reconstruction Well # 12		$25,000						$25,000
New Construction Well # 17		$58,900		$662,000				$720,900
New Construction Well # 18				$58,900	$662,000			$720,900
New Construction Well # F-4							$80,000	$80,000
Replacement HS Pumps #3, 4, 5				$40,000	$400,000			$440,000
Ground Storage Tank Repairs						$80,000		$80,000
Sub Total 402 Fund Water Treatment	**$128,400**	**$2,526,408**	**$500,000**	**$880,900**	**$1,062,000**	**$80,000**	**$80,000**	**$5,257,708**
Subtotal 402 Fund	**$250,400**	**$3,839,191**	**$1,000,000**	**$3,722,900**	**$5,122,000**	**$2,780,000**	**$3,215,000**	**$19,929,491**
Water Treatment & Distribution Total (402+305)	**$250,400**	**$4,641,535**	**$6,825,628**	**$6,900,716**	**$5,227,308**	**$3,697,265**	**$4,649,718**	**$32,192,570**

Section 5

Comprehensive Plan
Goals, Objectives and Policies

Section 5

Comprehensive Plan Goals, Objectives and Policies (GOP)

5.1 Comprehensive Plan GOP

As noted in 163.3177(6)(c)3, F.S., local governments are required to update their Water Supply Facilities Work Plan through an amendment to their Comprehensive Plan within 18 months of the SFWMD Governing Board's adoption of the regional Water Supply Plan.

The most recent update to the LEC Water Supply Plan was adopted by the SFWMD governing board on September 12, 2013. Therefore, by March 2015, the City is required to revise their Comprehensive Plan to incorporate the updated 10-Year Water Supply Facilities Work Plan.

The following section provides the finalized list of Goals, Objectives and Policies which are recommended for adoption in the City's 2015 Comprehensive Plan amendments.

POTABLE WATER SUPPLY OBJECTIVES AND POLICIES

Objective 4.1.5: ~~To provide for short-term and long-term potable water needs through the establishment of new wells, as required, to serve the water supply service area through the planning period.~~ To plan for and assure an adequate supply of excellent quality potable water to meet the needs of all residents and non-residential establishments within the City of Lake Worth and within the City's service area during the 10 year Water Supply Plan planning horizon.

Policy 4.1.5.1: The City will continue to implement a short- and long-term schedule for establishment of new wells through the planning period as provided for in the "South Florida Water Management District's Consumptive Use Permit No. Re-Issue 50-00234-W", dated ~~January, 2006~~ October 29, 2012.

Policy 4.1.5.2: The City will continue to investigate potential sites in the service area for placement of additional production wells in order to ensure acquisition of adequate well sites to meet long-term demands.

Policy 4.1.5.3: ~~South Florida Water Management District adopted the Lower East Coast (LEC) Regional Water Supply Plan in February, 2007. By August 15 2008, the City shall update this potable water subelement to incorporate the alternative water supply projects selected by the City to meet the supply needs.~~ The City will maintain a water supply facilities work plan that is coordinated with SFWMD's *District Lower East Coast Regional Water Supply Plan* and Palm Beach County by updating its own work plan within 18 months of an update to SFWMD's *District Lower East Coast Regional Water Supply Plan*.

Policy 4.1.5.4: By ~~December, 2008~~ March, 2015, the City shall coordinate with SFWMD and develop a 10-year work plan considering Lower East Coast (LEC) Regional Water Supply Plan. The City hereby adopts by reference the "*City of Lake Worth 2014 10-Year Water Supply Plan*", dated December 2014. The City shall send a letter to SFWMD which identifies projects for future water supply needs of the City. Projects must be selected from the LEC Regional Water Supply Plan or must be prior approved by SFWMD.

Policy 4.1.5.5: The City's *Water Supply Plan* will be consistent with the standards and regulations established by the SFWMD, FDEP, State and other jurisdictional agencies.

Policy 4.1.5.6: The City will coordinate with Palm Beach County, Lake Clark Shores, and Lake Osborne Estates to ensure that the City's estimates and projections for potable water demand are incorporated into their estimates of demand.

Policy 4.1.5.7: Based upon the adopted level of service data and analysis in the City's *Water Supply Plan*, the City will review future demands to verify that there are no needs for future expansion of potable water facilities.

Policy 4.1.5.8: If new development would result in a significant increase in population beyond current projections, the City shall re-evaluate the potable water system capacity and ensure that the central water system can meet level of service standards prior to issuance of a development order.

Policy 4.1.5.9: The City shall continue to monitor groundwater supply conditions in conjunction with the SFWMD.

Policy 4.1.5.10: The City shall encourage and require, as needed, the interconnection and looping of existing and proposed segments of the potable water distribution system.

Policy 4.1.5.11: The City has determined the most cost-effective option for augmenting the potable water system with an alternative water source is through the use of the Floridan Aquifer water supply source and the construction of an RO Water Treatment . The City shall pursue cooperative efforts with SFWMD, Palm Beach County, and other local jurisdictions, in providing cost-effective alternative water supply solutions.

Policy 4.1.5.12: The City shall continue operation of the Reverse Osmosis Water Treatment Plant Project that will utilize the three existing Floridan wells, and implement a blended finish water supply of Reverse Osmosis treated water that also utilizes Lake Worth Lime Softened Surficial water. This allows the City to continue to meet ever more restrictive water standards while leaving the greatest flexibility with respect to water supply alternatives.

Objective 4.1.6: To maximize the use of water facilities within the Lake Worth Water and Sewer Service Area, ~~to discourage urban sprawl.~~ the City shall maintain a

service area boundary for potable water and shall discourage leapfrog development and urban sprawl.

Policy 4.1.6.1: The City's Utility Department will make its number one priority the maintenance and improvement of the existing water system through an aggressive program to replace old and /or undersized water mains.

Policy 4.1.6.2: The City will ~~aggressively~~ actively pursue the installation of new water systems to serve the County residents within its service area.

Policy 4.1.6.3: The City may provide or receive wholesale potable water service to or from other cities and Palm Beach County by written agreement.

Policy 4.1.6.4: The City shall be the provider of potable water to residents and nonresidential establishments within the City's water service area boundary except as otherwise established by written agreement.

Policy 4.1.6.5: The City shall discourage urban sprawl by maintaining a Service Area boundary, such that:

- All new developments within the City's Service Area shall connect to the City's existing centralized water supply/treatment facilities, except as otherwise established by written agreement.
- The City shall only provide service to those areas included in the City's delineated Service Area, except as otherwise established by written agreement.
- The City shall require new home construction to connect to City water service, if available.
- Reconnection to private well service in lieu of City potable water is not an option once connected to City service.
- The City shall not allow disconnection from existing City potable water service, unless by written agreement.

Objective 4.1.7: To conserve potable water.

Policy 4.1.7.1: ~~The City will continue to enforce its LDRs, which mandate encourage implementation of xeriscape practices.~~ The City shall adopt a Policy which requires the use of water-efficient landscaping in all new development and redevelopment, and require functioning rain-sensor devices on all automatic irrigation systems on new systems.

Policy 4.1.7.2: ~~The City will require all new construction and renovation to utilize water conserving plumbing fixtures.~~ The City will promote water conservation through the enforcement of the adopted Building Code which requires such items as low-volume commodes, water flow restrictions for showers and spigots and similar devices in all new construction and renovations, and will comply with the appropriate water management district water use restrictions.

Policy 4.1.7.3: The City will provide information to prospective developers on xeriscape or water-conserving landscaping principles, including the use of highly drought-resistant plant materials, limiting the areas of turf cover to areas where functional benefits are provided, efficient irrigation systems, and the use of soil improvements and mulches to improve water holding capacity. ~~A copy of the South Florida Water Management District's Model Xeriscape Landscape Code will be maintained on file at City Hall for this purpose.~~

Policy 4.1.7.4: The City shall maximize the efficiency of public water distribution system by decreasing the unaccounted for water (UAW) and demonstrate steady progress towards meeting a 10% UAW as soon as practicable. This shall be monitored by conducting system water audits of the distribution system on an annual basis, and a comprehensive audit every 5 years to provide an effective means of identifying and reducing water and revenue losses and making better use of water resources. The City shall also develop and maintain an accurate model of the water distribution system to accurately estimate customer water usage so that it may be compared with measured consumption to determine where unaccounted losses may be occurring.

Policy 4.1.7.5: The City shall maintain a leak detection protection program, in accordance with AWWA Manual M-36, in order to discover and eliminate wasteful losses of potable water from the City's distribution system. Detecting and fixing leaks can provide one of the largest returns on investment, especially in older systems.

Policy 4.1.7.6: ~~The City will continue to coordinate and cooperate with the South Florida Water Management District.~~ The City will continue to cooperate with the South Florida Water Management District (SFWMD) in its efforts to restrict the unnecessary consumption of potable water, particularly as it relates to irrigation, lawn watering, and car washing during periods of drought, supply reduction, and other emergencies.

Policy 4.1.7.7: The City shall coordinate local water conservation education efforts with the SFWMD and the Palm Beach County School Board.

Policy 4.1.7.8: The City shall adhere to SFWMD emergency water shortage restrictions when mandated by the District.

Policy 4.1.7.9: The City shall inform residents and businesses of, and shall encourage their participation in, the County's water conservation programs. These information and educational programs shall include the following types of efforts:

a. establish conservation information kiosks to provide literature at City facilities. Make multilingual materials available as needed;

b. create information banner signs to be attached to City facilities and park fences, promoting water conservation.

c. create informational links and tools to be placed on the City's website, promoting water conservation.

d. pursuing funding through SFWMD Community Education Grant and cooperative funding programs for educational efforts such as demonstration gardens and prototype landscaping on public properties; and,

e. Inviting speakers for forums or workshops at City Hall.

~~f. continue to promote water efficient household appliances through rebates for replacing inefficient appliances.~~

~~g. continue to provide low flow shower heads, aerators, and flow restrictors through the conservation kit program.~~

~~h. provide free residential water audits to customers. A residential water audit should include the inspection of toilets, showers, faucets, clothes washers, dishwashers, water filters, water softeners, evaporative coolers, spa/hot tub, etc. for leaks, flow rate, presence of water saving retrofit devices, and efficient use of fixtures and appliances by residents. Audits should include a payback analysis showing homeowners how reductions in water costs justify the investment in the recommended upgrades.~~

Policy 4.1.7.10: The City shall promptly repair leaks found within the water distribution system as expeditiously as possible. Leaks causing property damage or affecting public safety should be fixed immediately.

Objective 4.1.8: ~~Assure~~ Ensure City potable water quality meets or exceeds Federal Water Quality Standards.

Policy 4.1.8.1: The City will continue to maintain and upgrade the existing water treatment plant to provide a safe, high quality potable water supply for its customers. The impact of new federal water quality standards will be evaluated to determine necessary changes in plant process or operation.

Objective 4.1.8.1: Central System. Based upon adopted level of service standards, analysis in the City's *Water Supply Plan,* and the SFWMD's *District Lower East Coast Water Supply Plan* the City shall determine timing for upgrading the Central System (Supply and Treatment System) based on the following evaluation criteria:

Policy 4.1.8.1.1: The City's level of service for potable water supply shall be a minimum of 105 GPCD (gallons per capita per day).

Policy 4.1.8.1.2: Total capacity shall equal or exceed the Maximum Day Demand (MDD), including design fire flow demand. *Maximum Day Demand (MDD) = Total Water Consumed, divided by 365 days, x Maximum Day Peak Factor (1.5).*

Policy 4.1.8.1.3: With the largest well out of service, water supply capacity shall equal or exceed the Average Daily Demand (ADD). *Average Daily Demand (ADD) is the total water consumed during a calendar year divided by 365 days.*

Policy 4.1.8.1.4: The capacity of the water treatment system shall be equal to or greater than the Maximum Day Demand (MDD).

Policy 4.1.8.1.5: When evaluating system pump capacity, the City shall use a peak factor of 1.1 GPM per equivalent residential connection (ERC) in the calculation of the system's ability to meet the level of service standard.

Policy 4.1.8.1.6: Assuming that the largest well is out of service, the water supply capacity shall be rated at the average daily demand.

Policy 4.1.8.1.7: The City shall require that any new Surficial Aquifer wells be constructed to produce capacities of between 600 and 800 gallons per minute, and any new Floridan Aquifer wells be constructed to produce capacities of 1,500 gallons per minute.

Policy 4.1.8.1.8: The total storage tank capacity, including all storage facilities city-wide, should be at least one-half (1/2) of the average daily consumption volume.

Policy 4.1.8.1.9: The water distribution system shall provide peak flow storage for the difference between peak flow and well flow for the duration of the fire flow, with a buffer of 10%. Fire flow is the flow of water required to fight a major fire.

Policy 4.1.8.1.10.: The high service pump capacity shall at least be equal to the maximum daily peak factor demand, assuming that the largest high service pump is out of service.

Policy 4.1.8.1.11: The water distribution system shall be capable of delivering the peak hour flow (without fire demand) with a minimum residual pressure of thirty (30) pounds per square inch (psi).

Policy 4.1.8.1.12 The maximum velocity through any pipe shall be 8 feet per second.

Policy 4.1.8.1.13 The auxiliary power should meet the Florida Department of Environmental Protection (FDEP) criteria of providing ½ the maximum daily flow.

Objective 4.1.8.2: Operations & Maintenance. The City will annually adopt programs and activities to maintain the central system.

Policy 4.1.8.2.1: The City will maintain its potable water treatment facilities in optimum condition by the implementation of a preventive maintenance program.

Policy 4.1.8.2.2: The City will review water fee methodology and user rates annually during the budget process to ensure adequate funding for treatment, storage and distribution facilities.

Policy 4.1.8.2.3: The City will develop a system to review individual customer water meters to ensure proper readings of those meters.

Policy 4.1.8.2.4: The City will institute a replacement or "change out" schedule for meters in the field to ensure replacement when accuracies exceed the industry tolerance range.

Policy 4.1.8.2.5: All improvements and/or additions to potable water facilities to correct deficiencies shall be adequate to meet the adopted level of service standards, based upon data and analysis in the City's *Water Supply Plan* and the SFWMD's *District Lower East Coast Water Supply Plan*.

Policy 4.1.8.2.6: Improvements and/or additions to potable water facilities shall comply, at a minimum, with standards recognized and approved by the Florida Department of Environmental Protection, specifically including the American Society of Civil Engineers and the American Water Works Association.

Objective 4.1.8.3: New Well Development. The City shall evaluate water supply sources and quality considerations when developing new wells, as well as repairing or improving the existing central potable water system.

Policy 4.1.8.3.1: The City shall maintain a five hundred (500) foot minimum spacing between wells, where practicable.

Policy 4.1.8.3.2: The City shall consider surrounding land uses when making the final selection of any well site.

Policy 4.1.8.3.3: The City shall consider well placement be a 100-foot minimum setback from sewer lines, where practicable.

Policy 4.1.8.3.4: The City shall require a 200-foot minimum setback for well placement from septic tanks.

Policy 4.1.8.3.5: The City shall conduct an investigation by a geo-hydrologist to estimate the recommended well size and depth, pumping capacity, casing length, projected aquifer drawdown, and any other site specific considerations to be utilized in the final design of new wells.

Policy 4.1.8.3.6: The City shall conduct a detailed analysis of potential well contamination sources, as necessary.

Objective 4.1.8.4: Fire Protection. Provide adequate delivery and distribution of potable water to meet fire protection demand within the City of Lake Worth and the City's service area.

Policy 4.1.8.4.1: The City shall monitor, evaluate, repair and replace the existing water delivery and distribution system to ensure the system can deliver the needed gallon per minute flows to meet fire protection demands.

Policy 4.1.8.4.2: The City shall maintain an active water system and fire hydrant mapping and numbering program.

Policy 4.1.8.4.3: The City shall extend water distribution mains to areas within the City's service area and provide adequate fire protection service to residents and non-residential establishments located within the service area provided the residents/developers participate in the costs.

Policy 4.1.8.4.4: Fire flow levels of service shall meet PBC Fire Department Standard Requirements and be based upon delivery pressures of twenty (20) psi residual and minimum fire flows of 1,000 GPM for residential and 1,500 GPM for non-residential and multi-family developments.

FUTURE LAND USE ELEMENT
GOALS, OBJECTIVES, AND POLICIES

Policy 1.3.5.6: Prior to approving a building permit or its functional equivalent, the City shall consult with its Utility Department to determine whether adequate water supplies to serve the new development will be in place and available no later that the anticipated date of the CO or its functional equivalent.
~~Consultation with water supplier is required prior to the issuance of site plan approval.~~ ~~In accordance with Section 163.3180(2)(a), F.S., the City shall determine whether there will be adequate water supplies to serve the new development prior to approval of a building permit or its functional equivalent. All development is subject to the City's Concurrency Management system. The City~~

~~shall track current water demand and outstanding commitments in order to determine the availability of an adequate water supply for proposed developments.~~

Infrastructure Element:

Policy 4.1.1.1: The following level of service standards should be adopted and used as the basis for determining the availability of facility capacity and the demand generated by a development.

Facility/Service Area	Level of Service Standard
Sanitary Sewer Facilities	Collection and treatment of 100 gallons per capita per day at secondary treatment level
Solid Waste Facilities	Collection and disposal of 6.5 pounds of solid waste per capita per day
Stormwater Quantity	Design storm frequency for a 3-year, 1-hour storm duration, as recorded in the FDOT Rainfall Intensity Curves, current edition
Potable Water Facilities	Provision of potable water at quality levels required by regulatory agencies and in quantities of at least ~~185~~ 105 GPCD (gallons per capita per day), inclusive of water for irrigation purposes and maintenance of water pressure at ~~40~~ 30 psig residual.~~, and 55 psig static~~
Parks	2.5 acres of neighborhood and/or community parks for every 1,000 persons.

Policy 4.1.1.7: Prior to approving a building permit or its functional equivalent, the City shall consult with its Utility Department to determine whether adequate water supplies to serve new development will be in place and available no later that the anticipated date of the CO or its functional equivalent.
~~Consultation with water supplier is required prior to the issuance of building permit to ensure adequate water supply is available to serve new development by the date of issuance of a certificate of occupancy. In accordance with Section 163.3180(2)(a), F.S., the City shall determine whether there will be adequate water supplies to serve the new development prior to approval of a building permit or its functional equivalent. All development is subject to the City's Concurrency Management system. The City shall track current water demand and outstanding commitments in order to determine the availability of an adequate water supply for proposed developments.~~

COASTAL MANAGEMENT ELEMENT
GOALS, OBJECTIVES, AND POLICIES

Policy 5.1.1.4: The City will ensure that any new regulation to protect water resources is consistent with SFWMD's environmental resource permitting and consumptive permitting use permitting rules.

CONSERVATION ELEMENT
GOALS, OBJECTIVES, AND POLICIES

Policy 6.1.3.7: ~~The City will study water usage and recommendations for reduction of use for irrigation purposes and enforce the SFWMD Model Water Conservation Ordinance.~~ The City shall adopt an Ordinance which requires the use of water-efficient landscaping in all new development and redevelopment, and require functioning rain-sensor devices on all automatic irrigation systems on new systems.

Policy 6.1.3.8: ~~The City will require as a condition of any building permit that the irrigation plan be reviewed for the conservation of water.~~ The City will continue to cooperate with the South Florida Water Management District (SFWMD) in its efforts to restrict the unnecessary consumption of potable water, particularly as it relates to irrigation, lawn watering, and car washing during periods of drought, supply reduction, and other emergencies.

Policy 6.1.3.9: ~~The City will require all new construction and renovation to utilize water conserving plumbing fixtures.~~ The City will promote water conservation through the enforcement of the adopted Florida Building Code which requires such items as low-volume commodes, water flow restrictions for showers and spigots and similar devices in all new construction and renovations, and will comply with the appropriate water management district water use restrictions.

Policy 6.1.3:10: The City will provide information to prospective developers on ~~xeriscape or~~ water-conserving landscaping principles, including the use of highly drought-resistant plant materials, limiting the areas of turf cover to areas where functional benefits are provided, efficient irrigation systems, and the use of soil improvements and mulches to improve water holding capacity. ~~A copy of the SFWMD Model Xeriscape Landscape Code will be maintained on file at City Hall for this purpose.~~

Policy 6.1.3.11: The City will coordinate and cooperate with the South Florida Water Management District and shall consider regional water supply plan to develop a 10-year work plan to build the identified water supply facilities, by ~~December, 2008~~ March 2015.

Policy 6.1.3.12: The City shall coordinate local water conservation education efforts with the SFWMD and the Palm Beach County School Board.

Policy 6.1.3.13: The City shall adhere to SFWMD emergency water shortage restrictions when mandated by the District.

Policy 6.1.3.14: The City shall inform residents and businesses of, and shall encourage their participation in, the County's water conservation programs. These informational and educational programs shall include the following types of efforts:

a. brochures and signage to be made available at City Hall;

b. pursuing funding through SFWMD Community Education Grant and cooperative funding programs for educational efforts such as demonstration gardens and prototype landscaping on public properties; and,

c. Inviting speakers for forums or workshops at City Hall.

INTERGOVERNMENTAL COORDINATION ELEMENT
GOALS, OBJECTIVES, AND POLICIES

Policy 8.1.1.4: The City will coordinate and cooperate with the South Florida Water Management District.

Policy 8.1.1.5: ~~By December, 2008, the City shall develop a 10-year work plan considering the South Florida Water Management District regional water supply plan.~~ The City will maintain a water supply facilities work plan that is coordinated with SFWMD's *District's Lower East Coast Regional Water Supply Plan* and Palm Beach County by updating its own work plan within 18 months of an update to SFWMD's *District's Lower East Coast Regional Water Supply Plan* that affect the City.

Policy 8.1.1.6 When preparing the annual update of the Capital Improvement Element, the City shall consult with the South Florida Water Management District to ensure coordination and consistency between the regional water supply plan and the City's water supply capital improvement projects.

Policy 8.1.1.7: The City will participate in the development of updates to SFWMD's Water Supply assessment and *District's Lower East Coast Water Supply Plan* and in other water supply development related initiatives facilitated by the SFWMD that affects the City and its service area.

Policy 8.1.1.8: Prior to approving a building permit or its functional equivalent, the City shall consult with its Utility Department to determine whether adequate water supplies

to serve new development will be available. in place and available no later that the anticipated date of the CO or its functional equivalent. ~~The City shall determine whether there will be adequate water supplies to serve any new development within its Service Area prior to approval of a building permit or its functional equivalent, within any municipality in its Service Area. All proposed development within the City's Potable Water Service Area is subject to the City's Concurrency Management system. The City shall track current water demand and outstanding commitments in order to determine the availability of an adequate water supply for proposed developments.~~

Policy 8.1.1.9: The City will coordinate with Palm Beach County, the Town of Lake Clark Shores, Lake Osborne Estates and the SFWMD to ensure that the City's estimates and projections for potable water demand are incorporated into the their estimates of demand. In addition, the City will:

a. Continue to maintain relationships with the SFWMD, Palm Beach County, the Town of Lake Clark Shores, and Lake Osborne Estates to maintain or reduce potable water consumption through education, conservation, and participation in ongoing programs of the region, county and local jurisdictions including coordinating local conservation education efforts with the SFWMD and the Palm Beach County programs.

b. Continue to coordinate, as appropriate, with the Town of Lake Clarke Shores, Palm Beach County, Lake Osborne Estates and SFWMD regarding water supply issues. The coordination efforts will include, but not be limited to, sharing of information regarding water supply needs, implementing alternative water supply projects (including reuse and other conservation measures), and establishing level of service standards.

Policy 8.1.1.10: The City shall pursue cooperative efforts with SFWMD, Palm Beach County, and other local jurisdictions, in providing cost-effective options for augmenting the current potable water system with alternative water sources.

CAPITAL IMPROVEMENTS ELEMENT
GOALS, OBJECTIVES, AND POLICIES

Policy 9.1.2.3: The Level of Service Standard for the water system shall be at least ~~at least 185~~ 105 gallons per person per day, inclusive of water for irrigation purposes, with a residual pressure of ~~40~~ 30 psig ~~and a static pressure of at least 55 psig~~.

Policy 9.1.4.5: The City shall implement the five-year Capital Improvements Schedule for potable water facilities adopted in the Capital Improvements Element.

Policy 9.1.4.6: The City will review the Capital Improvements Schedule annually and adopt a City Budget that prioritizes needed potable water improvements to meet the demands of future growth and approved developments.

Policy 9.1.4.7: The City will evaluate the production, expansion capabilities, and life expectancy of the water treatment plants in each update to the *Water Supply Plan.*

Policy 9.1.4.8: The City will maintain a water supply facilities work plan that is coordinated with *District's Lower East Coast Regional Water Supply Plan* and Palm Beach County by updating its own work plan within 18 months of an update to SFWMD's *District's Lower East Coast Regional Water Supply Plan* that affect the City.

Appendix A

City of Lake Worth
Bulk Water Service Contract

INTERLOCAL AGREEMENT
BETWEEN THE CITY OF LAKE WORTH AND
THE TOWN OF LAKE CLARKE SHORES FOR THE
PURCHASE AND SALE OF BULK POTABLE WATER

THIS AGREEMENT made and entered into this _____ day of _____, 2011, by and between THE CITY OF LAKE WORTH, FLORIDA, a municipality organized under the laws of the State of Florida (hereinafter "CITY"), and the TOWN OF LAKE CLARKE SHORES, FLORIDA, a municipality organized under the laws of the State of Florida (hereinafter "TOWN").

WHEREAS, Section 163.01, Florida Statutes, known as the "Florida Interlocal Cooperation Act of 1969" authorizes local governments to make the most efficient use of their powers by enabling them to cooperate with other localities on a basis of mutual advantage and thereby to provide services and facilities that will harmonize geographic, economic, population and other factors influencing the needs and development of local communities; and

WHEREAS, the parties hereto have the common power to provide essential public utility services within their respective geographic jurisdictions; and

WHEREAS, the TOWN entered into an Interlocal Agreement with the CITY on October 13, 1993, for the CITY to provide bulk water sales to the Seminole Manor service area; and

WHEREAS, in October 2002 the TOWN paid for an additional 82 equivalent residential units to serve the Hypoluxo Village Service Area; and

WHEREAS, this previous Interlocal Agreement expired on October 13, 2008; and

WHEREAS, the TOWN owns and operates a Community Public Water System to serve residents living within the Seminole Manor Service Area and Hypoluxo Village Service Area as shown on Exhibit A; and

WHEREAS, the TOWN wishes to purchase bulk potable water from the CITY for distribution and sale to its customers within the Hypoluxo Village Service Area; and

WHEREAS, the CITY wishes to sell the TOWN bulk potable water within the Hypoluxo Village Service Area pursuant to the terms and conditions of this Agreement; and

WHEREAS, the TOWN and CITY both wish to discontinue bulk potable water sales from the CITY to the Seminole Manor Service Area; and

WHEREAS, the TOWN and CITY both wish to leave the water connection from the CITY to the Seminole Manor Service Area active in case it is needed as an emergency service connection; and

WHEREAS, as a consecutive system, the TOWN and CITY wish that the TOWN implement and facilitate conservation of water resources in accordance with the direction of the CITY, and restrictions in effect on the CITY's system; and

WHEREAS, the physical, chemical and biological quality of all treated potable waters produced by the CITY currently meets or exceeds all Federal, State and local laws, regulations and requirements, and the CITY will take reasonable steps to maintain the quality of treated waters to the Point of Connection (as later defined in this Agreement); and

WHEREAS, it is solely the responsibility of the TOWN to operate and maintain the water delivery system on the discharge side of the Point of Connection so that the physical, chemical and biological quality of the treated water meets or exceeds all Federal, State and local laws, regulations and requirements.

NOW, THEREFORE, for and in consideration of these premises, the mutual undertakings and Agreements herein contained and assumed, the CITY and TOWN hereby covenant and agree as follows:

1. The foregoing statements are true and correct and are incorporated herein by reference.

2. Scope of Agreement. The CITY agrees to furnish, and the TOWN agrees to purchase and accept, a supply of Potable Water in accordance with the terms and conditions of this Agreement. The CITY shall furnish, and the TOWN shall accept, the Potable Water at the Point(s) of Connection shown in Exhibit "A."

3. Term. This Agreement shall commence on the Effective Date of this Agreement and continue for a term of ten (10) years. The Term of this Agreement may be extended for successive periods of five (5) years each, upon the same terms and conditions as herein provided, by written agreement of both of the parties to this Agreement prior to expiration of the initial term of this Agreement or any renewal thereof.

4. Effective Date. This Agreement shall become effective upon approval by both parties. The Effective Date of this Agreement shall be the date the Agreement is ratified by the City of Lake Worth Commission.

5. Prior Agreements: This document, upon its execution by both parties shall supersede any and all prior negotiations, correspondence, conversations, agreements, including the expired prior agreement and any amendments thereto, or understandings applicable to the matters contained herein and the parties agree that there are no commitments, agreements or understandings concerning the subject matter of this Agreement that are not contained in this document. Accordingly, it is agreed by the parties that there shall be no deviation from the terms hereof which shall be predicated upon any prior representation or agreements whether oral or written, unless said are specifically provided for herein.

6. Definitions. The following definitions and references are given for the purpose of interpreting the terms as used in this Agreement and apply unless the context indicates a different meaning:

(a) "Average Daily Flow (ADF)"–the average daily flow rate of potable water collectively measured through all Points of Connection. The Average Daily Flow rate is calculated by dividing the total amount of Potable Water flowing through the Points of Connection in any one fiscal year by the number of days in that same fiscal year;

(b) "Capacity Fee"– A one-time fee to be paid by the TOWN to the CITY based on the ADF of capacity reserved. This fee is assessed irrespective of the actual quantity of Potable Water flowing through the Point(s) of Connection.

(c) "CITY's Potable Water System"–the system owned and/or operated by the CITY for the production and distribution of Potable Water to all retail, wholesale, and/or bulk customers of the CITY, said system being located on the CITY's side of the various Points of Connection and including all Potable Water meters and related appurtenances located at the Point(s) of Connection.

(d) "Commodity Rate" - A fee to be paid by the TOWN to the CITY on a monthly basis for the supply of Potable Water to the TOWN at the Point(s) of Connection.

(e) "Equivalent Residential Unit (ERU)" - A factor used to convert a given average dally flow of bulk supply to equivalent number of residential connections. For this purpose of this Agreement, the average daily flow of one Equivalent Residential Unit is set at 350 gallons per day.

(f) "Point(s) of Connection"–The location(s) where the CITY's Potable Water System is connected with the TOWN's Potable Water System, as shown in Exhibit "A", which is incorporated herein and attached hereto. The Potable Water System of the CITY shall include the water meter(s) and related appurtenances located at the Point(s) of Connection, with said water meter(s) being utilized for the measurement and payment of bulk Potable Water obtained by the TOWN.

(g) "Potable Water"–Water for human consumption which meets all applicable Federal, State, and County standards.

(h) "Reserved Capacity"–the amount of Potable Water capacity in the CITY's Potable Water System that the TOWN has reserved through payment of Capacity Fees.

(i) Service Areas:

a. "Hypoluxo Village Service Area" - That area within which TOWN owns and maintains a potable water distribution system including present and future water customers, that will receive bulk water sales from the CITY as shown on Exhibit A.

b. "Seminole Manor Service Area" - That area within which TOWN owns and maintains a potable water distribution system, as shown on Exhibit A, which has been provided bulk water from the CITY, and for which the CITY and TOWN have agreed to discontinue from bulk water service from the CITY's supply.

(j) "TOWN's Potable Water System" – the system owned and/or operated by the TOWN for the distribution of potable water, said system being located on the TOWN's side of the Point(s) of Connection.

7. Point(s) of Connection: The parties hereto agree that the Points of Connection of the TOWN System to the CITY System and meter locations shall be as set forth below:

(a) Hypoluxo Village Service Area: Within the Right-of-Way of Windward Lane adjacent to the south west side of 6975 S. Congress Avenue.

(b) Seminole Manor Service Area: Within the Right-of-Way of Ute Circle adjacent to the south west side of 3570 Lantana Road.

8. Obligation to Accept Service: Except as otherwise provided herein, TOWN agrees that during the term of this Agreement, the City shall be the exclusive provider of bulk potable water services to the Hypoluxo Village service area set forth in Exhibit "A," and the Town shall only accept potable water services from the CITY for the Hypoluxo Village service area as set forth in Exhibit "A."

9. Discontinuation of Service to Seminole Manor Service Area: In non-emergency situations, the TOWN expressly agrees to discontinue bulk water purchases from the CITY to the Seminole Manor Service Area, which is shown in Exhibit "A," on or before the effective date of this Agreement. The TOWN herein expressly agrees to obtain potable water services for the Seminole Manor Service Area from another water service provider and to discontinue service from the CITY. The TOWN agrees that effective with the signing of this agreement the water commodity rate will become 200-percent of the commodity rate in effect for all water sold through the Seminole Manor Service Area point(s) of connection, except in the case of a declared emergency as defined later in this Agreement. The Town agrees that the increased commodity rate shall remain in effect until such time as service to this area is discontinued.

10. Each party agrees that they are responsible for all improvements, maintenance and repairs related to their respective equipment on their side of the Point of Connection and that the point to determine compliance with the contract terms is the Point of Connection.

11. It is mutually agreed that by entering into this Agreement, the CITY does not incur any responsibility beyond the Points of Connection prior to, or after, the date that delivery of water begins under this Agreement.

12. Existing Reservation of Capacity. While the reservation of capacity under the Interlocal Agreement between the CITY and TOWN that was executed on October 13, 1993, along with said Agreement's associated amendments, ended with the expiration of said agreement, the CITY acknowledges this capacity should not be re-purchased for the existing TOWN system to remain on the CITY's bulk delivery system. Therefore, the following capacity shall remain allocated to the TOWN:

(a) Hypoluxo Village Service Area: A survey of this service area showed a needed reserve capacity of 200,000 gallons per day for service within this service area. Therefore this amount of capacity is re-established for the TOWN for the life of this Agreement.

(b) Seminole Manor Service Area: The TOWN, as part of this Agreement, has agreed to discontinue bulk water purchases from the CITY to this service area. If service to this area continues past the execution of this Agreement the increased rate identified above shall be imposed.

(c) All capacity allocations not addressed above shall be considered vacated with the expiration of the previous 1993 agreement.

13. Operation of Seminole Manor Interconnect Facility in an Emergency: The piping to serve Seminole Manor will be left intact in case of a need for an emergency connection to Seminole Manor in the event of a potable water system failure causing an emergency in the Seminole Manor service area, the valves will be opened so as to permit the flow of potable water to the Seminole Manor service area. No supply of potable water shall be provided except in case of an emergency and upon the following terms and conditions to be determined by the CITY:

(a) There must be a sufficient surplus of potable water available after the CITY meets all of its anticipated needs.

(b) The CITY may reasonably limit the amount of potable water to be supplied to the TOWN.

(c) The CITY shall determine that the provision of potable water to the TOWN will not impose a danger to the health, safety or welfare of its citizens of the CITY. Any resultant expenses incurred by the CITY as a result of the connection to the Seminole Manor system shall be reimbursed by the TOWN.

(d) The CITY may reasonably limit the hours or days of supply of the potable water to the TOWN.

(e) The CITY may require the TOWN to impose use restrictions on its customers as prescribed by the CITY.

(f) With prior written notice to the TOWN, the CITY may place a reasonable termination date for the emergency supply period.

(g) Water shall be considered the property and responsibility of the TOWN once it has passed through the Point(s) of Connection. The CITY and TOWN each shall have the sole and exclusive right to sell and distribute the water in its respective water system on its respective side of the Point(s) of Connection.

(h) Procedure to Activate Interconnect:

a. In case of an emergency, a written or verbal communication from the TOWN's Town Administrator, or his/her designated representative, setting forth the emergency and estimated time of need of emergency surplus potable water, shall be made and shall be the only request necessary to open the valves. The request shall be made to the City of Lake Worth's Utilities Director or designated representative. If said communication is made verbally, said notice shall be immediately followed by a written communication. Notwithstanding the provisions above, the request by the TOWN to the CITY to turn off the valves and discontinue providing the emergency surplus potable water supply shall be handled by the same procedure.

b. If the TOWN's required surplus potable water supply needs lasts more than 24 hours, then within 36 hours of the valve opening, the Director of the TOWN's utility shall transmit a letter to the CITY's Utility Director, outlining the reasons for the required needs, the probable duration of such requirements, the estimated usage in gallons per day and the maximum peak hour request.

c. The TOWN expressly acknowledges the right of the CITY to refuse to provide the emergency potable water service, as set forth in this Agreement, if the CITY determines that the provision of such service would not be in its best interest or would constitute a danger to the health, safety and welfare of its citizens. In the event of such refusal, the TOWN hereby expressly waives any and all claims of loss or damage against the CITY.

14. Additional/Future Capacity Fees: If additional capacity is required to meet the needs of the TOWN, the TOWN shall be required to pay additional capacity charges as calculated in accordance with Section 18-29 of the CITY Code of Ordinances, and at a cost per ERU as established by Section 18-3l of the CITY Code of Ordinances, for all new water connections within the Service Area(s). It is further agreed that these capacity fees are the property of the CITY but that the TOWN may charge their own additional connection charges, surcharges or

equivalent to its new customers. All additional capacity requirements will be calculated in accordance with the schedule provided in Exhibit "B."

15. Monthly Billed Usage. The TOWN shall be billed the Commodity Rate on a monthly basis for actual metered water service delivered by the CITY in accordance with the following conditions:

(a) The CITY shall charge the TOWN a bulk service rate of $0.303 cents per hundred gallons commencing upon the execution of this Agreement. Future rate changes will be allowed only at the time of the CITY's Water System rate increases. The new rate to be charged will be equal to the current rate plus the monetary change in the rate of the lowest tier residential water rate placed into effect at the time of the new rate change.

(b) The CITY agrees to notify the TOWN whenever the CITY advertises for a rate Public Hearing.

(c) The CITY agrees to provide the TOWN with written notification of all rate increases upon passage of the rate ordinance or 30-days before rates go into effect, whichever greater. In the case of multiple-year rate authorizations, a separate notice will be sent 30-days prior to each incremental change approval.

(d) The TOWN agrees to pay for all potable water received from the CITY and to make payments to the CITY within thirty (30) days from the date the bill is rendered by CITY. A one percent (1%) per month interest charge will be assessed on any outstanding balance thereafter. If payment has not been received after sixty (60) days from the date of the original bill, the CITY may discontinue services provided to the TOWN by this Agreement.

(e) A 25% surcharge shall be added to the Commodity Fee for all usage exceeding the Reserved Capacity in any month. However, the CITY is under no obligation to provide potable water in any quantity for which capacity has not been reserved.

(f) Payments required herein shall be governed by the provisions of Chapter 218, Part VII, Florida Statutes, the "Local Government Prompt Payment Act," or its successor in function, or as otherwise mutually agreed to between the parties hereto.

16. Presumed Consumption and Required Payment In Case of Billing Meter Failure. Both parties agree that, if at any time a billing meter fails, the TOWN will pay to the CITY at a daily consumption rate equal to the average consumption of the ninety (90) day period prior to the date the meter failed. The CITY shall make all efforts to restore the meter to working order as soon as possible.

17. Termination of Agreement

(a) Termination for Cause. The parties hereto expressly covenant and agree that in the event either party is in default of its obligations herein, the party not in default shall provide to the party in default ninety (90) days written notice to cure said default before exercising any of its rights as provided for in this Agreement. Failure to cure said default within ninety (90) days following notice may be grounds for termination of this Agreement. Termination of this Agreement by either party shall require thirty (30) days prior written notice to the other party prior to the termination date. The parties may mutually agree to extend the time for cure and/or termination.

(b) Termination by Mutual Agreement. This Agreement may be terminated by law or at any time by the written agreement of the CITY and TOWN. The TOWN will not be entitled to a refund of any Capacity Fees or other reimbursements, and all service will be discontinued upon the termination date if so terminated.

(c) Termination Upon Expiration: This Agreement shall be considered terminated on the expiration date of the agreement as adjusted by extensions approved in accordance with Paragraph 3 of this Agreement. The TOWN will not be entitled to a refund of any Capacity Fees or other reimbursements, and all service will be discontinued upon the expiration date.

18. Water Shortages. In the event the South Florida Water Management District or other government unit with authority declares a water shortage, then the CITY shall have the right to restrict service to the TOWN by the same percentage, level and/or manner as the CITY restricts service to customers located within the CITY's service area.

19. Water Conservation Program: The TOWN agrees to comply with the CITY's water conservation efforts and implement a water conservation program. This program shall follow industry best management practices to meet conservation goals as set by the CITY for its service areas, or in accordance with regulatory restrictions in effect on the CITY's system. The TOWN shall report its accomplishments annually at the end of each fiscal year to the CITY. Said report shall discuss current and future conservation goals, existing activities and programs relating to water conservation efforts, as well as recommendations for changes that will further enhance opportunities for effective implementation of water conservation within the TOWN's system(s). The CITY shall submit to the TOWN; its goals for the CITY's water conservation program at least 6-months prior to the end of the fiscal year to allow the TOWN time to assess the CITY's program and develop its own program to match the CITY's water conservation program goals.

20. Water Quality - The physical, chemical and biological quality of all waters delivered to the TOWN by the CITY currently meets or exceeds all Federal, State and local laws, regulations and requirements, and the CITY shall take

reasonable steps to maintain the quality of treated waters to the Point of Connection.

21. Employee Status: Persons employed by one party in the performance of services and functions pursuant to this Interlocal Agreement shall have no claim to salary, pension, workers' compensation, civil service, or other employee rights or privileges granted by any other party to its officers and employees.

22. Laws of Florida: This Agreement shall be governed by the laws of the State of Florida notwithstanding contrary principles or conflicts of law, if any, and it shall be and become effective immediately upon execution by both parties. Venue shall be Palm Beach County, Florida.

23. Costs and Attorney's Fees: In the event the CITY or TOWN is required to enforce this Agreement by court proceedings or by instituting suit, the prevailing party shall be entitled to recover from the other party all costs and reasonable attorney's fees including fees on appeal.

24. Force Majeure: In the event that the performance of this Agreement by either party to this Agreement is prevented or interrupted in consequence of any cause beyond the control of either party including, but not limited to, Acts of God or of the public enemy, war, national emergency, allocation of or other governmental restrictions upon the use or availability of labor or materials, rationing, civil insurrection, riot, racial or civil rights disorder or demonstration, strike, embargo, flood, tidal wave, fire, explosion, bomb detonation, nuclear fallout, windstorm, hurricane, earthquake, or other casualty or disaster or catastrophe, said party shall not be liable for such nonperformance. This provision shall not affect the payment terms outlined under paragraphs 2 and 3of this Agreement.

25. Successors and Assigns: The CITY and the TOWN each binds itself and its partners, successors, executors, administrators and assigns to the other party and to the partners, successors, executors, administrators and assigns of such other party, in respect to all covenants of this Agreement. Neither the CITY nor the TOWN shall assign, sublet, convey, or transfer its interest in this Agreement without prior written consent of the other party. Such consent will not be unreasonably withheld.

26. Severability: If any term or provision of this Agreement, or the application thereof, to any person or circumstance shall, to any extent, be held invalid or unenforceable by any court of competent jurisdiction, then the remainder of this Agreement, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Agreement shall be deemed valid and enforceable to the extent permitted by law.

27. Notice: All notices provided for herein shall be in writing and transmitted by mail or by courier, and, if to CITY, shall be mailed or delivered to CITY at:

City of Lake Worth
7 N. Dixie Highway
Lake Worth, Florida 33460
Attn: Susan A. Stanton, City Manager

with copies to:

Rebecca Mattey
Utility Director
City of Lake Worth
1900 2nd Avenue North
Lake Worth, FL 33461

and

Elaine A. Humphreys
City Attorney
7 North Dixie Highway
Lake Worth, FL 33460

and if to Town, shall be mailed or delivered at:

Town of Lake Clarke Shores
1701 Barbados Road
Lake Clarke Shores
West Palm Beach, FL 33406
Attn: Town Administrator

28. Filing: This Agreement shall be filed with the Clerk of the Circuit Court for Palm Beach County.

29. Amendment and Modification: This Agreement may only be amended, modified, changed, supplemented or discharged by an instrument in writing signed by the parties hereto.

30. Liability:

(a) The CITY and TOWN acknowledge the waiver of sovereign immunity for liability in tort contained in Florida Statutes 768.28, the State of Florida's partial waiver of sovereign immunity, and acknowledge that such statute permits actions at law to recover damages in tort for money damages up to the limits set forth in such statute for death, personal injury or damage to property caused by the negligent or wrongful acts or omissions of an employee acting within the scope of the employee's office or employment. The CITY and TOWN agree to be responsible for all such claims and damages, to the extent and limits provided in Florida Statutes Section 768.28, arising from the actions of their respective employees. The parties acknowledge that the foregoing shall not constitute an agreement by either party to indemnify the other, nor a waiver of

sovereign immunity, nor a waiver of any defense the parties may have under such statute, nor as consent to be sued by third parties.

(b) Should a party be sued for actions that are believed to be the result of the other party, the other party shall be notified of such suit and, thereupon, shall have the duty to defend the suit. The party being sued shall have the right, at its option, to participate in the defense of any third party claim, without relieving the other party of any of its obligations hereunder. If the the other party assumes control of the defense of any third party claim in accordance with this paragraph, that other party shall obtain the prior written consent of the party being sued before entering into any settlement of such claim. Notwithstanding anything to the contrary in this Section, the other party shall not assume or maintain control of the defense of any third party claim, but shall pay the fees of counsel retained by the party being sued and all expenses, including experts' fees, if (i) an adverse determination with respect to the third party claim would, in good faith judgment of the party being sued, be detrimental in any material respect to the reputation of the party being sued; (ii) the third party claim seeks an injunction or equitable relief against the party being sued; or (iii) the other party has failed or is failing to prosecute or defend vigorously the third party claim. Each party shall cooperate, and cause its agents to cooperate, in the defense or prosecution of any third party claim and shall furnish or cause to be furnished such records and information, and attend such conferences, discovery proceedings, hearings, trials, or appeals, as may be reasonably requested in connection therewith.

31. Nothing contained in this Agreement shall be construed to constitute a transfer of powers in any way whatsoever. This Agreement is solely an Interlocal Agreement to provide services as authorized by Chapter 163, Florida Statutes. The governing bodies for the CITY and the TOWN shall each maintain all legislative authority with regard to their respective municipality. All of the privileges and immunities from liability, exemptions from laws, ordinances, and rules; and pensions and relief, disability, workers compensation, and other benefits which apply to the activity of officers, agents, or employees of any public agents or employees of any public agency when performing their respective functions within the territorial limits for their respective agencies shall apply to the same degree and extent to the performance of such functions and duties of such officers, agents, or employees extra-territoriality under the provisions of any such Interlocal Agreement.

32. Waiver: No delay by either party in enforcing any covenant or right hereunder shall be deemed a waiver of such covenant or right, and no waiver by either party of any particular provision hereof shall be deemed a waiver of any other provision or a continuing waiver of such particular provision, and except as so expressly waived, all provisions hereof shall continue in full force and effect.

33. Entirety of Agreement: This Agreement constitutes the entire understanding of the parties with respect to the provision of public water supply services. It may not be modified, or any of its provisions waived, unless such modification

and/or waiver is in writing and is agreed to and signed by both parties. The parties expressly agree that any uncertainties or ambiguities contained herein shall not be construed against or in favor of either party.

34. Indemnity: To the extent permitted by law and subject to the limitations of Florida Statutes, Section 768.28, TOWN agrees to indemnify and hold harmless from and against any loss, damage, liability, claim or obligation of any kind or nature whatsoever, which CITY may incur or which may be asserted against CITY as a result of any actions or conditions on the discharge side of the Point of Connection affecting quality, water service or water availability.

(REMAINDER OF PAGE INTENTIONALLY LEFT BLANK)

IN WITNESS WHEREOF, County and City have executed or have caused this Agreement, with the named Exhibits attached, to be duly executed in several counterparts, each of which counterpart shall be considered an original executed copy of this Agreement.

ATTEST:
TOWN OF LAKE CLARKE SHORES CLERK

By:_____
Town Clerk

(SEAL)

APPROVED AS TO FORM AND TO LEGAL SUFFICIENCY

By: _____
Town Attorney

TOWN OF LAKE CLARKE SHORES, BY ITS TOWN COUNCIL

By: _____
Mayor

ATTEST:

By:_____
Pamela J. Lopez, Clerk

(SEAL)

APPROVED AS TO FORM AND TO LEGAL SUFFICIENCY

By: _____
Elaine A. Humphreys, City Attorney

CITY OF LAKE WORTH, FLORIDA BY ITS CITY COMMISSION

By: _____
René A. Varela, Mayor

REVIEWED AND APPROVE FOR EXECUTION

By: _____
Susan A. Stanton, City Manager

EXHIBIT A - SERVICE AREAS.

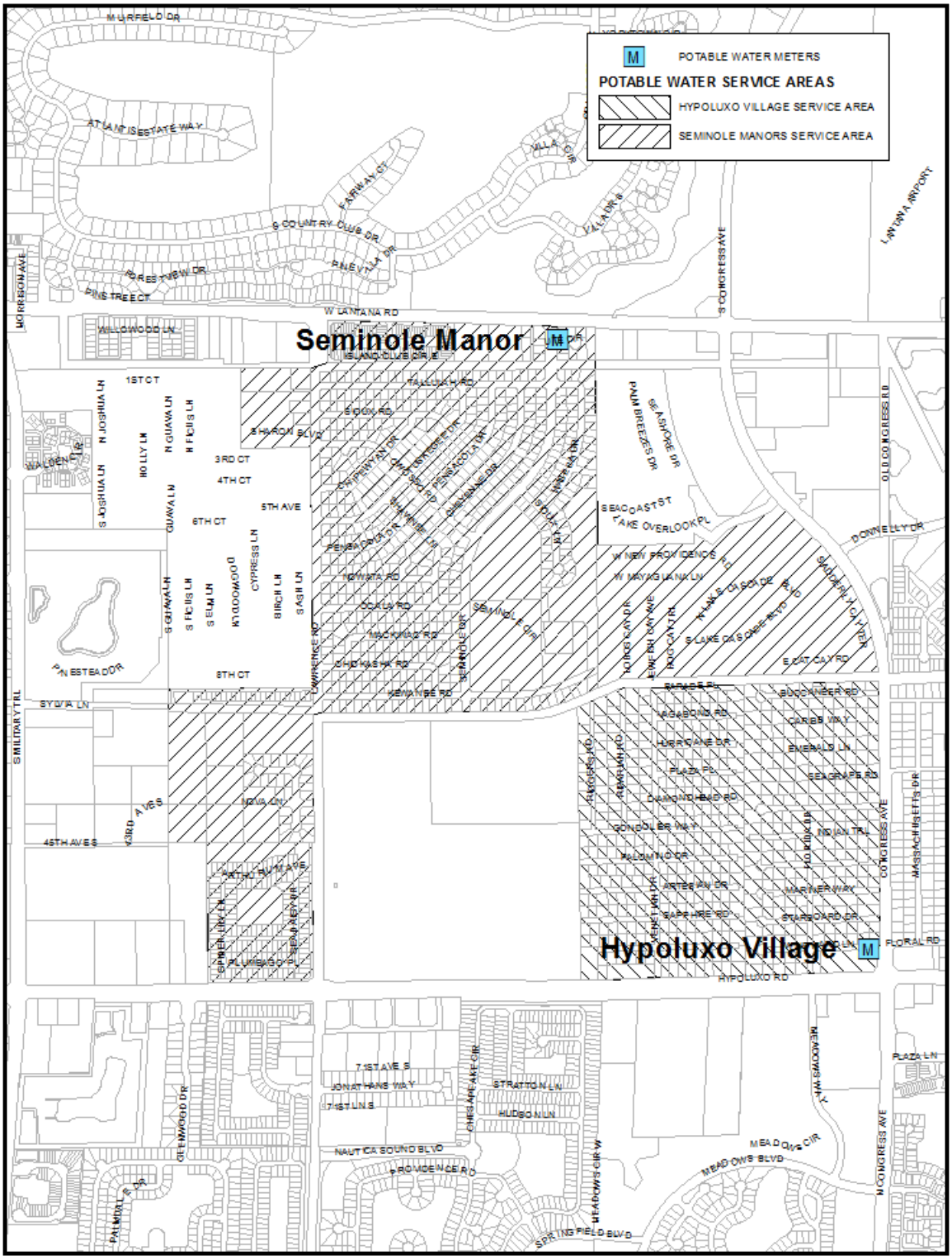


EXHIBIT B–GPD CAPACITY CALCULATION SCHEDULE

Type of Structure	Specific Condition or Unit	Water Per Unit (GPD)
Airports, bus terminals, train stations, port & dock facilities:	(a) per passenger	5
	(b) add per employee per 8 hour shift	20
Assembly Halls	(a) per seat	2
Barber and Beauty Shops	(a) per dry service chair	100
	(b) per wet service chair	200
Bar and cocktail lounges (Not including food service)	(a) per seat	20
Bowling alleys (Not including food service)	(a) per lane	100
Camps	(a) day, no food service	25
	(b) luxury resort, per person	100
	(c) labor, per person	100
Camper or RV trailer park	(a) per space	150
Car wash	(a) automatic type	3500
	(b) automatic type (recycled water)	350
	(c) Hand wash	1750
Churches (Not including food service)	(a) per sanctuary seat	3
Dance halls	(a) per person	2
Dentist offices	(a) per dentist	250
	(b) plus per wet service chair	200
Doctor offices	(a) per physician	250
	(b) plus per square foot of office space	0.20
Drive-in theater	(a) per car space	5
Fire station	(a) per bed	100
Health spa (Not including food service)	(a) per square foot	0.35
Hospitals/Nursing Homes (Not including public food service or offices)	a) per bed space	210
Institutions	(a) per person, including resident staff	100
Kennels	(a) per animal space	30
	(b) per veterinarian	250
Laundries	(a) per coin-operated machine	400
	(b) per non-coin operated machine	650
Marinas (Does not include office, repair & leisure facilities)	(a) per boat slip	40
Office Building	(a) per square foot of floor space	0.20
Parks, public with comfort stations	(a) per visitor	10
Pet grooming parlors (Does not include retail sales areas)	(a) per wash basin	200
Recreation/pool buildings	(a) per person	2 (300 gal min)
Residences	(a) Single family, detached (Maximum 3-beadroom 2 1/2 Bath)	350
	(b) Multiple family per dwelling unit	300
	(c) Motel/hotel units, per bedroom	150
	(d) Bedroom additions to SFH	150
	(e) Mobil homes, each	350
Retaurants	(a) open 24 hours, per seat incl bar	50
	(b) open less than 24 hours, per seat incl bar	30
	(c) open less than 24 hours, with drive-thru window, per seat including bar	35
	(d) drive-ins, per space	50
	(e) carry out food service only per 100 square feet	50
Schools: Elementary/Middle	(a) per pupil per day	10
	(b) add for shower/pupil	5
	(c) add for cafeteria/pupil	5
Schools: High School	(a) per pupil per day	15
	(b) add for shower/pupil	5
	(c) add for cafeteria/pupil	5
Schools: Boarding School	(a) per pupil	100
Service stations and auto repair shops	(a) per water closet	250
	(b) plus per service bay	100
Shopping centers and retail shops (Not including food service or laundry)	(a) per square foot of floor space	0.10
Theaters and auditoriums	(a) per seat	5
Warehouse-Mini Storage, with resident manager	(a) per square foot of floor space	0.01
	(b) plus residence	250
Warehouses	(a) per square foot of floor space	0.10

Appendix B

City of Lake Worth
Historical Water Flows

Annual Water Balance Summary

line #		
	Utility Name:	**City of Lake Worth**
	Permit Name:	**Lake Worth Utilities**
	Reporting Period:	**2012**
	Water Use Permit #:	**50-00234-W**
	Name of Person Completing Form:	**Doug Lovelace**

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1.0	Total Raw Water Withdrawn (should match pumpage reports submitted to SFWMD)	139,423,000	120,424,000	154,947,000	138,870,000	140,938,000	124,559,000	144,222,000	149,725,000	120,132,000	114,609,000	120,366,000	126,592,000	1,594,807,000
2.0	Volume of Finished Water Produced	122,078,000	105,174,000	130,094,000	108,686,000	112,531,000	107,714,000	126,753,000	132,491,000	98,380,000	95,311,000	103,648,000	109,998,000	1,352,858,000
3.0	Treatment Losses (subtract line 2 from line 1)	17,345,000	15,250,000	24,853,000	30,184,000	28,407,000	16,845,000	17,469,000	17,234,000	21,752,000	19,298,000	16,718,000	16,594,000	241,949,000
4.0	% Treatment Loss (divide line 3 by line 1)	**12.44%**	**12.66%**	**16.04%**	**21.74%**	**20.16%**	**13.52%**	**12.11%**	**11.51%**	**18.11%**	**16.84%**	**13.89%**	**13.11%**	**15.17%**
5.0	Total Volume of Water Imported (if applicable)	23,085,000	25,630,000	14,586,000	30,624,000	23,240,000	19,732,000	12,962,000	0	26,716,000	35,218,000	33,656,000	28,794,000	274,243,000
6.0	System Input (Finished Water Produced plus Total Water Imported) (line 2 plus line 5)	145,163,000	130,804,000	144,680,000	139,310,000	135,771,000	127,446,000	139,715,000	132,491,000	125,096,000	130,529,000	137,304,000	138,792,000	1,627,101,000
7.0	Billed Authorized Consumption (total volume of water billed including Exports-if applicable)	133,384,000	126,011,900	122,713,300	121,988,300	124,469,500	117,738,700	115,417,400	117,218,100	112,870,100	113,426,400	116,503,700	132,054,000	1,453,795,400
8.0	Unbilled Authorized Consumption (include estimates of fire protection, line flushing, and other utility-authorized non-billed uses). An estimate of 1.25% of the System Input can be used if no other data is available.	1,814,538	1,635,050	1,808,500	1,741,375	1,697,138	1,593,075	1,746,438	1,656,138	1,563,700	1,631,613	1,716,300	1,734,900	20,338,763
9.0	Total Authorized Consumption (Billed Authorized Consumption plus Unbilled Authorized Consumption) (line7 plus line 8)	135,198,538	127,646,950	124,521,800	123,729,675	126,166,638	119,331,775	117,163,838	118,874,238	114,433,800	115,058,013	118,220,000	133,788,900	1,474,134,163
10.0	Total Water Losses (Line 6 minus line 9)	9,964,463	3,157,050	20,158,200	15,580,325	9,604,363	8,114,225	22,551,163	13,616,763	10,662,200	15,470,988	19,084,000	5,003,100	152,966,838
11.0	% Water Loss (line 10 divided by line 6)	**6.86%**	**2.41%**	**13.93%**	**11.18%**	**7.07%**	**6.37%**	**16.14%**	**10.28%**	**8.52%**	**11.85%**	**13.90%**	**3.60%**	**9.40%**

Annual Water Balance Summary

line #	Utility Name:	City of Lake Worth												
	Permit Name:	Lake Worth Utilities												
	Reporting Period:	2013												
	Water Use Permit #:	50-00234-W												
	Name of Person Completing Form:	Timothy Sloan												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1.0	Total Raw Water Withdrawn (should match pumpage reports submitted to SFWMD)RO Plant operates at 75% recovery	126,679,000	111,386,000	144,448,000	130,652,000	114,419,000	136,581,000	153,861,000	174,894,000	152,358,000	170,008,000	164,180,000	166,300,000	1,745,766,000
2.0	Volume of Finished Water Produced	108,254,000	95,490,000	125,889,000	115,429,000	99,637,000	117,780,000	131,885,000	148,643,000	130,607,000	145,927,000	141,559,000	144,051,000	1,505,151,000
3.0	Treatment Losses (subtract line 2 from line 1)	18,425,000	15,896,000	18,559,000	15,223,000	14,782,000	18,801,000	21,976,000	26,251,000	21,751,000	24,081,000	22,621,000	22,249,000	240,615,000
4.0	% Treatment Loss (divide line 3 by line 1)	**14.54%**	**14.27%**	**12.85%**	**11.65%**	**12.92%**	**13.77%**	**14.28%**	**15.01%**	**14.28%**	**14.16%**	**13.78%**	**13.38%**	**13.78%**
5.0	Total Volume of Water Imported (if applicable)Bulk PBC purchase	28,963,000	32,592,000	17,300,000	24,769,000	34,977,000	13,243,000	0	0	0	0	0	0	151,844,000
6.0	System Input (Finished Water Produced plus Total Water Imported) (line 2 plus line 5)	137,217,000	128,082,000	143,189,000	140,198,000	134,614,000	131,023,000	131,885,000	148,643,000	130,607,000	145,927,000	141,559,000	144,051,000	1,656,995,000
7.0	Billed Authorized Consumption (total volume of water billed including Exports-if applicable)	125,214,348	122,358,692	127,005,368	120,441,852	116,205,064	110,862,032	116,476,112	116,365,772	123,569,380	130,372,372	139,116,488	132,393,508	1,480,380,988
8.0	Unbilled Authorized Consumption (include estimates of fire protection, line flushing, and other utility-authorized non-billed uses). An estimate of 1.25% of the System Input can be used if no other data is available.	1,715,213	1,601,025	1,789,863	1,752,475	1,682,675	1,637,788	1,648,563	1,858,038	1,632,588	1,824,088	1,769,488	1,800,638	20,712,438
9.0	Total Authorized Consumption (Billed Authorized Consumption plus Unbilled Authorized Consumption) (line7 plus line 8)	126,929,561	123,959,717	128,795,231	122,194,327	117,887,739	112,499,820	118,124,675	118,223,810	125,201,968	132,196,460	140,885,976	134,194,146	1,501,093,426
10.0	Total Water Losses (Line 6 minus line 9)	10,287,440	4,122,283	14,393,770	18,003,673	16,726,261	18,523,181	13,760,326	30,419,191	5,405,033	13,730,541	673,025	9,856,855	155,901,575
11.0	% Water Loss (line 10 divided by line 6)	**7.50%**	**3.22%**	**10.05%**	**12.84%**	**12.43%**	**14.14%**	**10.43%**	**20.46%**	**4.14%**	**9.41%**	**0.48%**	**6.84%**	**9.41%**

Floridan + Surficial Raw Water Flows

Year	Month	Average Day, mgd	Max Day, mgd	Max Day:ADF Per Year	Max Month:ADF
2012	Jan	4.498	5.242		
2012	Feb	4.153	4.903		
2012	Mar	4.998	7.196		
2012	Apr	4.629	6.225		
2012	May	4.546	5.910		
2012	Jun	4.152	5.499		
2012	Jul	4.652	5.915		
2012	Aug	4.830	5.773		
2012	Sep	4.004	5.642		
2012	Oct	3.697	4.545		
2012	Nov	4.012	4.583		
2012	Dec	4.084	4.898	1.653	1.148
2013	Jan	4.086	4.939		
2013	Feb	3.841	5.017		
2013	Mar	4.660	6.692		
2013	Apr	4.355	6.308		
2013	May	3.691	4.750		
2013	Jun	4.553	6.422		
2013	Jul	4.963	6.225		
2013	Aug	5.642	7.057		
2013	Sep	5.079	6.169		
2013	Oct	5.484	6.298		
2013	Nov	5.473	6.984		
2013	Dec	5.365	5.874	1.481	1.184
			Average	**1.567**	**1.166**

WTP Finished Water Flow (High Service Pumps)

Year	Month	Average Day, mgd	Max Day, mgd	Max Day:ADF Per Year	Max Month:ADF
2012	Jan	3.942	4.568		
2012	Feb	3.627	4.359		
2012	Mar	4.197	5.675		
2012	Apr	3.623	4.865		
2012	May	3.630	4.417		
2012	Jun	3.592	4.405		
2012	Jul	4.089	4.870		
2012	Aug	4.274	5.003		
2012	Sep	3.279	4.609		
2012	Oct	3.075	3.822		
2012	Nov	3.455	4.043		
2012	Dec	3.548	4.004	1.536	1.157
2013	Jan	3.492	4.302		
2013	Feb	3.410	4.196		
2013	Mar	4.061	5.033		
2013	Apr	3.848	5.186		
2013	May	3.214	4.112		
2013	Jun	3.926	5.149		
2013	Jul	4.254	4.897		
2013	Aug	4.795	5.741		
2013	Sep	4.354	4.923		
2013	Oct	4.707	5.278		
2013	Nov	4.719	5.777		
2013	Dec	4.647	5.309	1.403	1.164
			Average	**1.469**	**1.161**

Interconnect Flows

Year	Month	Average Day, mgd	Max Day, mgd	Max Day:ADF Per Year	Max Month:ADF
2012	Jan	0.745	0.866		
2012	Feb	0.884	1.147		
2012	Mar	0.471	1.146		
2012	Apr	1.021	1.453		
2012	May	0.750	1.041		
2012	Jun	0.658	0.920		
2012	Jul	0.418	1.387		
2012	Aug	0.000	0.000		
2012	Sep	0.891	1.639		
2012	Oct	1.136	1.316		
2012	Nov	1.122	1.320		
2012	Dec	0.929	1.340	2.180	1.511
2013	Jan	0.934	1.409		
2013	Feb	1.164	1.654		
2013	Mar	0.558	1.603		
2013	Apr	0.826	2.120		
2013	May	1.128	2.062	2.299	1.262
2013	Jun	0	0		
2013	Jul	0	0		
2013	Aug	0	0		
2013	Sep	0	0		
2013	Oct	0	0		
2013	Nov	0	0		
2013	Dec	0	0		
			Average	**2.239**	**1.387**

WTP Finished Water Flows + Interconnect Flows

Year	Month	Average Day, mgd	Max Day, mgd	Max Day:ADF Per Year	Max Month:ADF
2012	Jan	4.686	5.169		
2012	Feb	4.510	5.032		
2012	Mar	4.667	5.675		
2012	Apr	4.644	5.493		
2012	May	4.380	5.082		
2012	Jun	4.250	5.099		
2012	Jul	4.507	5.641		
2012	Aug	4.274	5.003		
2012	Sep	4.170	4.869		
2012	Oct	4.211	5.070		
2012	Nov	4.577	4.994		
2012	Dec	4.477	4.872	1.276	1.054
2013	Jan	4.426	5.132		
2013	Feb	4.574	5.215		
2013	Mar	4.619	5.772		
2013	Apr	4.673	5.292		
2013	May	4.342	5.257		
2013	Jun	4.367	5.149		
2013	Jul	4.254	4.897		
2013	Aug	4.795	5.741		
2013	Sep	4.354	4.923		
2013	Oct	4.707	5.278		
2013	Nov	4.566	5.777		
2013	Dec	4.647	5.309	1.276	1.059
			Average	**1.276**	**1.057**

City of Lake Worth
Comprehensive Plan

Adopted October 20, 2009

~~Amended August 7, 2012~~
~~by Ordinances 2012-25 & 2012-26~~

Amended February 3, 2015
by Ordinance 2015-02

CITY OF LAKE WORTH
2008 EAR-BASED COMPREHENSIVE PLAN AMENDMENTS *Goals, Objectives, and Policies*

INTRODUCTION

This document is the Goals, Objectives and Policies (GOPs) Report for the 2008 Lake Worth EAR-based Comprehensive Plan Amendments. The purpose of this Plan is to set forth the City's long-range comprehensive planning goals as per the requirements of the State of Florida.

The State of Florida's local government comprehensive planning law, Chapter 163, Part 2, Florida Statutes, requires that all local governments throughout Florida maintain a long-range comprehensive plan, and that comprehensive planning should be a continuous and ongoing process. As a part of this process, municipalities are required to monitor numerous community characteristics relating to development, provision of services, environmental protection, and governmental activities. Larger cities and counties must prepare an Evaluation and Appraisal Report (EAR) once every seven years analyzing the progress they have made in implementing the comprehensive plan. The purpose of the EAR is to evaluate and assess the effectiveness of the local adopted comprehensive plan in accomplishing its goals and identify how it should be modified and updated to meet the future needs of the community. Specifically, the EAR process has two steps as given below:

1. Preparation and adoption of an Evaluation and Approval Report (EAR). The Lake Worth EAR was adopted by the City Commission on January 16, 2007 and found sufficient by the State Department of Community Affairs on March 23, 2007.
2. Adoption of Comprehensive Plan Amendments as recommended in the EAR (EAR-based Comprehensive Plan Amendments).

As required by Section 163.3191, F.S. the Evaluation and Appraisal Report presents an analysis and assessment of the City's Comprehensive Plan. It also contains recommendations to amend the City's adopted Comprehensive Plan. It further specifies the procedures and criteria for the preparation, transmittal, adoption and sufficiency review of the City of Lake Worth's EAR-based comprehensive plan amendments.

Organization of the EAR-based Comprehensive Plan Amendments

The proposed 2008 EAR-based Comprehensive Plan Amendments are organized and subdivided into two separate documents as follows.

Part I. – Goals, Policies and Objectives (GOPs) – Updates to Goals, Policies and Objectives (GOPs) of the 1998 Comprehensive Plan. These updates are based on the Evaluation and Appraisal Report (EAR) recommendations and additional community input.

Part II. - Data, Inventory and Analysis (DIA) Report – This document contains updated population projections, land use analysis, capital improvements financial feasibility details and other key information provided in the adopted EAR. These updates are modest, based on the data and analysis recommended in the EAR, and are done by the City staff and the consultant. Some DIA elements herein were not updated during the EAR process, and thus for the applicable DIA for those elements, the reader should refer to the adopted Lake Worth Comprehensive Plan dated January 20, 1998. The DIA Report is contained in a separate document.

Review and Adoption Process

On March 23, 2007, DCA found the transmitted City EAR sufficient and directed Lake Worth to submit EAR-Based Comprehensive Amendments within 18 months. State law provides for the Comprehensive Plan to be amended consistent with the findings and recommendations contained in the adopted EAR. By DCA-approved extension, the City adopted these EAR-based amendments October 20, 2009.

Table of Contents

DEFINITIONS i

I. FUTURE LAND USE ELEMENT I-1

Future Land Use Map I-32

II. TRANSPORTATION ELEMENT II-1

Transportation Map Series II-9

III. HOUSING ELEMENT III-1

IV. INFRASTRUCTURE ELEMENT IV-1

V. COASTAL MANAGEMENT ELEMENT V-1

VI. CONSERVATION ELEMENT VI-1

VII. RECREATION AND OPEN SPACE ELEMENT VII-1

VIII. INTERGOVERNMENTAL COORDINATION ELEMENT VIII-1

IX. CAPITAL IMPROVEMENT ELEMENT IX-1

X. PUBLIC SCHOOL FACILITIES ELEMENT X-1

DEFINITIONS

In the case of conflict, definitions in this document take precedent within the application of the Comprehensive Plan. Set forth below is a brief definition of important terms used in the Plan.

ACRE: For the purpose of calculating dwelling units, an area or parcel of land containing forty-three thousand five hundred sixty (43,560) square feet.

BUILDING HEIGHT: The vertical distance measured from the minimum required floor of twelve (12) inches above the crown of the road, or base flood elevation, whichever is less, to (a) the highest point of a flat roof; (b) the deck line of mansard roof, (c) at the average height between eaves and ridge for gable, hip, and gambrel roofs, or (d) the average height between high and low points for a shed roof.

COMMUNITY BENEFITS: A project component that would not be obtainable through the basic zoning code requirements or impact mitigation that provides a benefit to the general public. Community benefits may be provided as part of an overall development project in order to obtain additional development allowances such as increased height, density or intensity. The Community Benefits provision may be utilized, where indicated, to gain additional stories above the initial two (2) stories permitted by right.

COMPREHENSIVE PLAN: A Comprehensive Plan is a forward-thinking guidance document that acts as a framework for the growth and development of the City. A Comprehensive Plan will lay out goals, objectives and policies for the future of the City and has a typical horizon of 15-20 years.

DENSITY: The number of dwelling units per acre on a building site in the residential and commercial zoning categories. Where the computation of density results in a whole number plus a fraction of dwelling units per acre, the fraction shall be disregarded, i.e. four and nine tenths (4.9) shall mean four (4) dwelling units per acre.

DEVELOPMENT STANDARDS: Definitions of any other terms related to development standards shall be as described in General definitions" of the City's Land Development Regulations (LDRs.)

ESSENTIAL SERVICES: Public and private facilities related to electrical, water, sanitary sewer, storm drainage, solid waste, emergency services, phone, gas, and cable television selection and distribution systems serving the city, including single pole transmission and distribution lines, underground lines, conduits and pipes, pumps, transformers and other equipment, and appurtenances thereto, and necessary protective

enclosures not designed to be occupied by employees; and public safety facilities such as fire, ambulance, police stations or emergency operating centers. In addition, this category shall include the City of Lake Worth or the Lake Worth Community Redevelopment Agency constructing and maintaining publicly owned parking facilities in any districts in which transitional parking facilities are allowed.

FLORIDA GREEN BUILDING COALITION (FGBC): The Florida Green Building Coalition (FGBC) is a nonprofit 501(C)3 Florida corporation dedicated to improving the built environment. Their mission is "to lead and promote sustainability with environmental, economic, and social benefits through regional education and certification programs." The organization is the leading certifier of green projects in Florida. www.floridagreenbuilding.org

FLOOR AREA RATIO (FAR): A regulatory technique which relates to total developable site area and the size (square feet) of development permitted on a specific site. A numeric rating assigned to each commercial and industrial land use category that determines the total gross square feet of a structure as measured from the structure's exterior walls based upon the actual land area of the parcel upon which the structure is to be located. Total gross square feet calculated using the assigned floor area ratio shall not include such features as parking lots or structures, aerial pedestrian crossovers, open or partially enclosed plazas, or exterior pedestrian and vehicular circulation areas.

GOAL: A goal is an end-state toward which effort is directed. An end-state in this context is a set of economic, social and land use conditions which seem desirable for Lake Worth. Goals are long range and defined in qualitative rather than quantitative terms. In general, they espouse very high ideals about the end-state to be achieved. In effect, goals set the parameters of the study to be made. Goals have scale, scope and substantive dimensions. Goals vary in their substantive, scope and scale characteristics.

GROSS ACRE: "Gross acre" means full parcel area inclusive of any public-rights of way and public property.

IMPERMEABLE SURFACE RATIO (ISR): The Impermeable Surface Ratio (ISR) equals the total area of impermeable surfaces divided by the net area (excluding right-of-way) of the lot.

LEED: Leadership in Energy and Environmental Design is redefining the way we think about the places where we live, work and learn. As an internationally recognized mark of excellence, LEED provides building owners and operators with a framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions. LEED certification provides independent, third-party verification that a building, home or community was designed and built using strategies aimed at achieving high performance in key areas of human and

environmental health: sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality. www.usgbc.org.

NET ACRE: "Net acre" means parcel area exclusive of public right-of-way and public property.

OBJECTIVES: Objectives, like goals, are end-states toward which effort is directed. The dictionary definition of the two terms makes them synonymous. However, for our purpose the term "objective" will be used to further define the goals. Objectives will be milestones toward achieving the end-state. Objectives can be defined on a number of levels, but the most important distinction is between quantitative and qualitative objectives.

POLICIES: Policies are often confused with goals and objectives. Indeed, most objectives can be rewritten as policies and most policies can be rewritten as objectives. It is easy to distinguish the two, if one considers objectives to be static end-states and always written in the infinitive verb form: e.g., to be, to do, to provide. On the other hand policies are guides to action that control present and future decision making. Policies are almost always written in the present or future-perfect tense with an auxiliary condition to the verb to express obligation, propriety, expediency and expected behavior. A policy is normally implemented by law, rule, procedure or some other formal guide for action and is not discretionary but mandatory.

PLAN: A plan is one of the methods for achieving the desired end-states described as goals and objectives. The term plan is often taken as meaning the same as objective, program or strategy. For our purposes the plan will be the graphic and narrative description of the end-state achieved when all goals and objectives are met. The usual narrative of a plan contains the statement of goals, objectives and policies, background characteristics and an articulation of programs and strategies to be used to implement the plan.

PROGRAM: For purposes here, a program is a sequence of efforts to achieve an objective in a specific substantive area, such as housing, recreation programs, etc. A program in its broadest definition is a sequence of efforts to be performed toward any objective or goal.

QUALITATIVE OBJECTIVES: Such objectives have characteristics similar to those of goals. They are defined in general terms. They have a long, usually undefined timeframe. They are however, more specific as to task than goals.

QUANTITATIVE (OPERATIONAL) OBJECTIVES: These objectives further define the steps to be taken toward the goal and, in addition, provide measures for determining the effectiveness of the effort.

SCHOOL, ACADEMIC: A structure or structures, or portions thereof, designed or used for instructing one (1) or more persons either children or adults, in either general or specialized education and including accessory uses such as administrative offices, physical education facilities and group housing facilities for student or staff, provided, however, that instruction received by children or adults in their place of residence shall not constitute a school.

STRATEGY: A strategy applied in this context is the marshalling of all efforts toward achieving all of the end-states embodied in objectives or policies in a manner where those efforts reinforce and support one another. A strategy is thus a comprehensive statement of policy and programs presented in a manner that achieves the desired end-states most efficiently and effectively.

I. FUTURE LAND USE ELEMENT

1.1 Official Land Use Plan Map

The land use plan map officially enacted by the Lake Worth City Commission and signed by the Lake Worth City Clerk, including any duly enacted amendments thereto, is an official part of this plan document and should be consulted to determine the land use classification applicable to individual parcels of land. The land use plan map published as part of this document is a representation of the official land use map, but is not the official land use map and should not be relied upon to determine the land use classification of individual parcels of land.

1.1.1 Strict Interpretation of the Land Use Plan Map and Explanatory Text

It is the intent of the Lake Worth Planning and Zoning Board and City Commission that the official land use plan map and explanatory text be interpreted as the exact intent of the Planning and Zoning Board and City Commission. The official land use plan map is not to be interpreted as permitting a parcel of land to be regulated by the provisions of a land use category other than that in which that parcel is mapped. Properties within land use plan categories are to be regulated in conformance with the meaning of those categories as set forth in the explanatory text.

In determining the land use category applicable to a parcel of land, demarcations between different land use categories on the official land use plan map are to be interpreted as follows:

Demarcations that coincide with a public thoroughfare, alley or railroad right-of-way are to be interpreted as falling along the center line of such rights-of-way.

Demarcations that do not coincide with a public thoroughfare, alley or railroad right-of-way, but which are within 20 feet by scale of a parallel or nearly parallel property line are to be interpreted as falling along said property line.

Demarcations that do not coincide with a public thoroughfare, alley or railroad right-of-way and are NOT within 20 feet by scale of a parallel or nearly parallel property line are to be interpreted as falling exactly where shown as nearly as can be determined by scaling the official land use map.

If a parcel is split by land use designations the land use having the greatest amount of parcel area shall be the determining factor in identifying the land use. In cases where the parcel is evenly split then the determination will be based on the land use having street frontage.

1.1.2 Land Use Plan Explanatory Text

The land use plan explanatory text includes four different levels of precision that are to be implemented by zoning regulations as follows:

1. When the explanatory text establishes mandatory quantitative requirements, such requirements are to be implemented by identical zoning requirements.

2. When the explanatory text establishes upper-limit type quantitative requirements, such requirements are to be implemented by one or more zoning requirements which do not exceed that limit, but which may be more restrictive than that limit.

3. When the explanatory text states general principles upon which implementing zoning regulations must be based, but does not provide precise regulatory details, implementing zoning regulations may be drafted with considerable flexibility within the limits established by the general principles of the explanatory text.

4. Regulatory details which are not addressed in the explanatory text may be enacted through a zoning ordinance or ordinances, provided such details do not conflict with any specific provisions of the explanatory text.

1.1.3. Land Use Classifications

For this section, height restrictions, density/intensity restrictions and allowable mix percentages as listed in Table 1 shall apply. The Lake Worth Land Use Plan is organized into the following thirteen different land use classifications:

1. Single-Family Residential: Maximum of 7 dwelling units per acre (7 du/acre). Maximum height of 30' for residential; maximum of 35' for neighborhood commercial. The corresponding zoning districts for this land use category are SF-R, MH-7 and NC.

2. Medium-Density Multi-Family Residential: Maximum of twenty (20) dwelling units per acre (20 du/acre). Maximum height of 35'. Third story allowed with the provision of Community Benefits. The corresponding zoning districts for this land use category are SF/TF-14, MF-20 and NC.

3. High-Density Residential: Maximum of forty (40) dwelling units per acre (40 du/acre). Maximum height of 35'. Third story allowed with the provision of Community Benefits. The corresponding zoning districts for this land use category are MF-30, MF-40 and NC.

4. Mixed Use East: Maximum of thirty (30) dwelling units per acre (30 du/acre). Maximum height of 45'. Third story and above allowed with the provision of Community Benefits. Maximum 2.0 FAR for non-residential uses. Preferred mix of uses within this land use classification is 25% residential and 75% non-residential. The corresponding zoning districts for this land use category are MU-DH, MU-FH and MU-E.

5. Mixed Use West: Maximum of thirty (30) dwelling units per acre (30 du/acre). Maximum height of 65'. Height in excess of 45' allowed through Conditional Use Permit approval by appropriate regulatory authority. Third story and above allowed with the provision of Community Benefits. Allowable heights subject to design-related development standards when adjacent to single family residential uses. Maximum 2.5 FAR for non-residential uses. Preferred mix of uses within this land use classification is 25% residential and 75% non-residential. The corresponding zoning district for this land use category is MU-W.

6. Downtown Mixed Use: Maximum of forty (40) dwelling units per acre (40 du/acre). Maximum height of 45' west of Federal Highway; Maximum height of 65' east of Federal Highway. Height in excess of 45' allowed east of Federal Highway through Conditional Use Permit approval by appropriate regulatory authority. Third story and above allowed with the provision of Community Benefits. Allowable heights subject to design-related development standards when adjacent to single family residential uses. Maximum 2.5 FAR for non-residential uses. Preferred mix of uses within this land use classification is 25% residential and 75% non-residential. The corresponding zoning districts for this land use category are DT, MU-E, MF-20 and MF-30.

7. Transit-Oriented Development: Maximum of forty (40) dwelling units per acre (40 du/acre). Maximum height of 45'; Maximum height of 55' only with provision of train station. Height in excess of 45' allowed through Conditional Use Permit approval by appropriate regulatory authority. Third story and above allowed with the provision of Community Benefits. Allowable heights subject to design-related development standards when adjacent to single family residential uses. Maximum 3.0 FAR for non-residential uses. Preferred mix of uses within this land use classification is 75% residential and 25% non-residential. The corresponding zoning districts for this land use category are TOD-E, TOD-W, SFR, MF-30, MU-DH and AI.

8. Artisanal Mixed Use: Maximum of twenty (20) dwelling units per acre (20 du/acre). Maximum height of 35'. Third story allowed with the provision of Community Benefits. Maximum 1.5 FAR for non-residential uses. Preferred mix of uses within this land use classification is 25% residential and 75% non-residential. The corresponding zoning district for this land use category is AI.

9. Industrial: Maximum height of 65'. Height above 45' allowed through Conditional Use Permit approval by appropriate regulatory authority. Third story and above allowed with the provision of Community Benefits. Maximum 3.0 FAR. The corresponding zoning district for this land use category is I-POC.

10. Public: Maximum height of 65'. Maximum 2.0 FAR. The corresponding zoning district for this land use category is P.

11. Public Recreation and Open Space: Maximum height of 35'. Maximum 0.1 FAR. The corresponding zoning district for this land use category is PROS.

12. Conservation: Maximum height of 35'. Maximum 0.1 FAR. The corresponding zoning district for this land use category is CON.

13. Beach and Casino: Maximum height of 45'. Maximum 0.1 FAR. The corresponding zoning district for this land use category is BAC.

The regulatory significance of each of these thirteen land use classifications is set forth in the following explanatory text.

TABLE 1

Land Use	Zoning District	Density allowed by Zoning	Building Height	Height w/Community Benefit	Allowable Mix of Uses per District
Residential					
Single Family Residential (SFR) 35' Max.	SFR	7 du/acre	30 feet (max 2 stories)	N/A	N/A
	MH-7	7 du/acre	15 feet	N/A	
	NC	20 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
Medium Density Residential (MDR) 35' Max.	SF/TF-14	14 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	N/A
	MF-20	20 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
	NC	20 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
High Density Residential (HDR) 35' Max.	MF-30	30 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	N/A
	MF-40	40 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
	NC	20 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
Mixed Use					
Mixed Use East (MU-E) 45' Max.	MU-DH	20 du/acre	30 feet (max 2 stories)	plus 15 feet max 4 stories)	25% residential/ 75% non-res.
	MU-FH	20 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
	MU-E	30 du/acre	30 feet (max 2 stories)	plus 15 feet (max 4 stories)	
Mixed Use West (MU-W) 65' Max.	MU-W	30 du/acre	30 feet (max 2 stories)	plus 35 feet (max 6 stories)	25% residential/ 75% non-res.
Downtown Mixed Use (DMU) 45' – 65' Max.	DT	40 du/acre	30 feet (max 2 stories)	plus 35 feet (max 6 stories–east of FH)	25% residential/ 75% non-res.
	MU-E	30 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
	MF-20	20 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
	MF-30	30 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
Transit-Oriented Development					
Transit-Oriented Development (TOD) 45' – 55' Max.	TOD-E	40 du/acre	30 feet (max 2 stories)	plus 25 feet (max 5 stories – train stn.)	75% residential/ 25% non-res.
	TOD-W	40 du/acre	30 feet (max 2 stories)	plus 25 feet (max 5 stories – train stn.)	
	SFR	7 du/acre	30 feet (max 2 stories)	N/A	
	MF-30	30 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
	MU-DH	20 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
	AI	20 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	
Industrial					
Artisanal Mixed Use (AMU) 35' Max.	AI	20 du/acre	30 feet (max 2 stories)	plus 5 feet (max 3 stories)	25% residential/ 75% non-res.
Industrial (I) 45' Max.	IPOC	N/A	30 feet (max 2 stories)	plus 15 feet (max 4 stories)	N/A
Public					
Public (P) 65' Max.	P	N/A	65 feet	N/A	N/A
Public Recreation and Open Space (PROS) 35' Max.	PROS	N/A	35 feet	N/A	N/A
Conservation (CON) 35' Max.	CON	N/A	35 feet	N/A	N/A
Beach and Casino (BAC) 45' Max.	BAC	N/A	45 feet	N/A	N/A

1.1.3.1 Single-Family Residential, maximum 7 du/acre

The Single-Family Residential category is intended primarily to permit development of single-family structures at a maximum of 7 dwelling units per acre. Single-family structures are designed for occupancy by one family or household. Single-family homes do not include accessory apartments or other facilities that permit occupancy by more than one family or household. Residential units may be - site-built (conventional) dwellings, mobile homes or modular units. Implementing zoning districts are SF-7, MH-7 and NC. Zoning regulations shall protect single-family residential development from the encroachment of incompatible land uses. At the same time, provision may be made for a limited number of nonresidential uses for the convenience of residents. These nonresidential uses shall be compatible by reason of their nature and limited frequency of occurrence with an overall single-family residential character. Zoning regulations may provide for compatible nonresidential uses either through special zoning districts that may be mapped within areas designated single-family residential or through conditional use permit provisions incorporated within single-family residential districts. Mobile home parks should accommodate mobile home single-family units, not travel trailers, motor homes, or similar recreational vehicles. Academic schools that are determined to be compatible with the surrounding neighborhood shall be a conditionally permitted use within this land use category.

Future development in the single-family residential category shall not exceed densities of seven dwelling units per acre. Zoning regulations implementing this category shall set appropriate minimum lot size requirements.

1.1.3.2 Medium-Density Residential, maximum 20 du/acre

The Medium -Density Residential category is intended primarily to permit development of two-family and multi-family structures. Two-family structures are those that provide two principal dwelling units, each for occupancy by one family or household. Multi-family structures are those that contain three or more principal dwelling units, each for occupancy by one family or household.

Implementing zoning districts are SF/TF-14, MF-20 and NC. Zoning regulations shall protect two-family and medium-density multi-family residential areas from the encroachment of incompatible land uses. At the same time, provision may be made for a limited number of nonresidential uses that are compatible by reason of their nature and limited frequency of occurrence with an overall medium-density, multi-family residential character. Zoning regulations shall provide for compatible nonresidential uses either through special zoning districts that may be mapped in areas designated SF/TF-14, MF-20 or NC, or through conditional use permit provisions. Academic schools that are determined to be compatible with the surrounding neighborhood shall be a conditionally permitted use within this land use category.

Future development of multi-family structures in the medium-density residential category shall not exceed densities of 20 dwelling units per acre. Zoning regulations implementing this category shall set appropriate minimum lot area and lot width requirements and minimum site area per dwelling unit requirements.

Zoning regulations shall permit a variety of dwelling unit types in two-family and multi-family structures on lots that meet minimum lot size requirements for multi-family structures.

1.1.3.3 High-Density Residential, maximum 40 du/acre

The High-Density Residential category is intended to permit development of multi-family structures. Multi-family structures are those that contain three or more principal dwelling units, each for occupancy by one family or household.

Zoning regulations shall protect high density residential areas from the encroachment of incompatible land uses. At the same time, provision may be made for a limited number of nonresidential uses that are compatible by reason of their nature and limited frequency of occurrence with an overall high-density residential character. Zoning regulations may provide for compatible nonresidential uses either through special zoning districts that may be mapped in areas designated MF-30 and MF-40 or through conditional use permit provisions.

Implementing zoning districts are MF-30, MF-40 and NC. Future development of multi-family structures in the High-Density

Residential category shall not exceed densities of 40 dwelling units per acre. Zoning regulations shall permit a variety of dwelling unit types of multi-family structures on lots which meet minimum lot size requirements for multi-family structures.

1.1.3.4 Mixed Use East, maximum 30du/acre

The Mixed Use East category is intended to provide for a mixture of residential, office, service and commercial retail uses within specific areas east of I-95, near or adjacent to the central commercial core and major thoroughfares of the City. The maximum density of permitted residential development is 30 dwelling units per acre. The preferred mix of uses area-wide is 25% residential and 75% non-residential. While mixed-use projects are allowed on a single site, it is not a requirement that each site within the category incorporate multiple uses. Zoning regulations implementing the Mixed Use East category shall permit the establishment and expansion of residential (including single family, two-family and multi-family), office, service and commercial retail uses either as uses permitted by right or through conditional use permit provisions. All buildings are required to provide transitional buffering and design features to mitigate impact of the MU-E sites adjacent to residential zoning districts.

1.1.3.5 Mixed Use West, maximum 30 du/acre

The Mixed Use West category is intended to provide for a mixture of residential, office, service and commercial retail uses within specific areas west of I-95. The distinguishing characteristic of the Mixed Use West land use area is that it allows higher-intensity uses as well as higher height limits along the City's western thoroughfares. The maximum density of permitted residential development is 30 dwelling units per acre. The preferred mix of uses area-wide is 25% residential and 75% non-residential. While mixed-use projects are allowed on a single site, it is not a requirement that each site within the category incorporate multiple uses. Zoning regulations implementing the Mixed Use West category shall permit the establishment and expansion of residential (including single family, two-family and multi-family), office, service and commercial retail uses either as uses permitted by right or through conditional use permit provisions. All buildings are required to provide transitional buffering and design features to mitigate impact of the MU-W sites adjacent to

residential zoning districts. The implementing zoning district is MU-W.

1.1.3.6 Downtown Mixed Use

The Downtown Mixed Use land use category is intended to provide for the establishment and expansion of a broad range of office, retail and commercial uses, including higher intensity commercial within the traditional downtown core of the City. Diversity of retail uses is encouraged; however, certain commercial uses are not permitted in the Downtown Mixed Use category because they would be detrimental to the shopping or office functions of the area. All ground floor uses within the Downtown Mixed Use area shall be habitable. The implementing zoning districts are DT, MU-E, MF-20 and MF-30.

Principal drive-through facilities shall not be permitted. Accessory drive-through facilities, if determined to be integral to the function of an otherwise permitted use, may be permitted. Approval for drive-through facilities must be obtained from the appropriate regulatory Board.

All buildings are required to provide transitional buffering and design features to mitigate impact of the DMU sites adjacent to residential zoning districts. Physical constraints on Downtown parcels require innovative, yet sensitive site design features. Openness of street corners to incorporate public plazas, landscaping, etc., shall be encouraged. Ground floors facing Lake and Lucerne Avenues shall be retail/office/personal service-based uses. No surface parking lots or parking garages are allowed on Lake Avenue or Lucerne Avenue without a conditional use permit.

Zoning regulations implementing the DMU category shall not exempt downtown mixed uses from parking space requirements, but may establish lower downtown mixed use parking requirements, incentives and other parking management strategies in recognition of municipal parking provided in the downtown mixed use area and in order to encourage an intensive concentration of retail, office and commercial uses in the central area.

1.1.3.7 Transit-Oriented Development

The Transit-Oriented Development land use category is established to promote compact, mixed-use development near

proposed or existing transportation infrastructure to encourage diversity in the way people live, work and commute. All buildings are required to provide transitional buffering and design features to mitigate impact of the TOD sites adjacent to residential zoning districts. The implementing zoning districts for this category are TOD-E, TOD-W, SFR, MF-30, MU-DH and AI.

1.1.3.8 Artisanal Mixed Use

The Artisanal Mixed Use land use category is intended to provide for the establishment and enlargement of office, retail and industrial uses related to the arts, other low intensity industrial uses, and medium density residential opportunities. The implementing zoning district is AI.

Zoning regulations implementing the Artisanal Mixed Use land use category shall permit arts-related industrial uses of low to moderate external impacts. Development in the Artisanal Mixed Use land use category should be guided to minimize negative impacts on nearby residential areas.

1.1.3.9 Industrial

The Industrial land use category is intended to provide for the establishment and enlargement of office, manufacturing and light to moderate industrial uses that would be incompatible in other areas of the city due to increased traffic generation. The implementing zoning district is I-POC.

1.1.3.11 Public Recreation and Open Space

The Public Recreation and Open Space land use category designates locations for parks and other outdoor open space areas intended for active use or passive use. Sites designated in the Public Recreation and Open Space category should not be used for other than public recreation purposes or essential services without careful consideration of the most appropriate use and a properly enacted amendment to the land use plan. The implementing zoning district is PROS.

1.1.3.12 Conservation

The Conservation land use category is intended to provide for the protection, preservation, conservation, education and enjoyment of areas having natural beauty and to mitigate the effects of development on the environment. Development within Conservation areas shall only occur when it is directly related to or furthers the intent stated above. Sites designated in the Conservation category enjoy protected status and may not be recategorized or rezoned. The implementing zoning district is CON.

1.1.3.13 Beach and Casino

The Beach and Casino land use category designates the area of public beach and casino building area. The term “Casino” is used in name only and reflects the historic name of the buildings and site. Designation of this area signifies the expectation that the public beach will be used for public recreation and use and specified accessory uses, and the casino area will be used for a combination of permitted private commercial and public uses. The gross leasable area of all buildings shall not exceed 64,715 square feet. The implementing zoning district is BAC.

1.2 Land Use Strategy Provisions

1.2.1 Strategy for Delineating Land Use Category Boundaries

Boundaries are intended to follow recognized property lines including parcel boundaries and public right of ways. In the case of a parcel appearing to be split by a land use, the Director shall make the determination of the proper land use.

After substantial public input, the land use pattern was very carefully considered by the Lake Worth Planning and Zoning Board and the City Commission. Changes may be considered from time to time.

1.2.2 Land Use Locational Strategies

1.2.2.1 Locational Strategy for the Single-Family Residential Category

This plan affirms and expands the City's desire to preserve single-family housing. This plan makes no significant changes in this designation.

1.2.2.2 Locational Strategy for the Medium-Density Residential Category

The Medium-Density Residential category is mapped in areas that are characterized by existing two-family development, and multi-family structures.

1.2.2.3 Locational Strategy for the High-Density Residential Category

The High-Density Residential land use category with densities of up to 40 dwelling units per acre, is intended for mapping: 1) in concentrations around the City's central commercial area, and 2) in other locations that are desirable for multi-family development because of their close proximity to shopping or natural amenities and because they are not disruptive to established single-family areas. The concentration of residential density around the central commercial area is one of the most important organizing concepts utilized in the Future Land Use Map.

1.2.2.4 Locational Strategy for the Mixed Use East Category

The Mixed Use East land use category is intended for mapping along arterials where the existing land use pattern is characterized by a high proportion of office and multi-family uses and/or a high proportion of land (either vacant or with marginally useful structures) that has a good potential for new office, commercial and medium to high density multi-family development. These areas are also 1) located adjacent to the City's central commercial core, and 2) have reasonable development potential.

1.2.2.5 Locational Strategy for the Mixed Use West Category

The Mixed Use West land use category is intended for mapping in areas from the westernmost city limits eastward to I-95 and adjacent to the proposed Park of Commerce, where the existing land use pattern is characterized by a high proportion of land (either vacant or with marginally useful structures) that has a good potential for new retail, office, commercial and high-density multi-family development.

1.2.2.6 Locational Strategy for the Downtown Mixed Use Category

The Downtown Mixed Use land use category is intended for mapping of areas considered to be the traditional downtown core. The area is primarily bounded on the north by 2nd Avenue North, the east by Golfview Road, the south by 1st Avenue South, and the west by H Street. This concentrated downtown core demonstrates a reasonably good potential for intensive use by office and retail establishments and shall provide for the vertical or horizontal mixing of land uses within a single site in order to allow development and redevelopment in specific geographic areas of the City that take maximum advantage of existing utility systems and services; and promotes compact development, safe and pedestrian-friendly streets, and provides transportation choices.

Adequate building height relative to the width of the street is important to provide a sense of enclosure and definition to the street space. According to Architectural Graphic Standards (Published by the American Institute of Architects) a ratio of one-to-three is the minimum to create a sense of special enclosure.

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1.2.2.7 Locational Strategy for the Transit Oriented Development Category

The Transit Oriented Development category is intended for mapping in the following locations:

1. TOD-W includes the area just south of Lake Worth Road, north-east of Lake Osborne, and west of I-95 and railway tracks.

2. TOD-E includes the area between Lucerne Avenue and 4th Avenue South flanking both sides of the FEC railway tracks; the area between 7th Avenue North and 11th Avenue North flanking both sides of the FEC railway tracks; and the area between 7th Avenue South and 10th Avenue South flanking both sides of the FEC railway tracks. The TOD-E locations have potential for future rail stations. The TOD-E district between Lucerne Avenue and 4th Avenue South is also envisioned to encourage arts, entertainment and cultural activities in the City.

The TOD category shall provide an alternative mixed-use development pattern within a one-quarter mile radius of rail or

light rail transit nodes. This pattern is an alternative to piecemeal, parcel-based development, and shall allow for a wide range of commercial and institutional uses, functionally integrated with residential uses, and shall include a concentrated area for retail, professional offices and services, cultural, and housing opportunities.

1.2.2.8 Locational Strategy for the Artisanal Mixed Use Category

The Artisanal Mixed Use land use category is intended for mapping in the following locations:

1. On smaller sites near Lake Worth's central commercial core and the Florida East Coast Railroad right-of-way. These locations are most suitable for small arts-related industrial establishments and commercial establishments with industrial site characteristics.

2. On sites west of Interstate 95, north of 6th Avenue South. These sites are suitable for small arts-related industrial establishments and for commercial establishments with industrial site characteristics.

3. In areas where industrial uses are not desirable, but are too firmly established to permit a realistic expectation of change.

1.2.2.9 Locational Strategy for the Industrial Category

The Industrial land use category is intended for mapping the area located west of I-95, known as the Park of Commerce. This location offers parcels of vacant and under-utilized land that provide a logical setting for development of office, manufacturing and light to moderate industrial uses that have the potential for increased traffic generation. This location also enjoys direct access to I-95 via the 10th Avenue North highway interchange.

1.2.2.10 Locational Strategy for the Public and Public Recreation and Open Space Categories

The Public and Public Recreation and Open Space land use categories are mapped on sites where such uses already exist. The mapping of these uses on these sites indicates that no alternative use of these sites should be established without a properly considered and enacted Future Land Use Map amendment.

Public school sites have been delineated in areas proximate to residential land. Lands contiguous to school sites which are owned by the School Board, and proposed for school expansion are intended to be included in this category. The City retains the right to impose reasonable site planning standards when existing schools are proposed for expansion or new school sites are developed. Schools are allowed in all zoning districts except Industrial.

1.2.2.11 Locational Strategy for the Conservation Category

The Conservation land use category is mapped on sites located within or adjacent to Lake Worth Lagoon. These sites may be submerged or partially submerged.

1.2.2.12 Locational Strategy for the Beach and Casino Category

The Beach and Casino land use category is mapped on sites where such uses already exist. The mapping of these uses on these sites indicates that public beach will be used for public recreation use and specified accessory uses and casino area for a combination of permitted private commercial and public uses.

GOAL 1.3: To preserve and enhance the City's community character as a quality residential and business center within the Palm Beach County urban area.

Objective 1.3.1: The City shall adopt Comprehensive Plan amendments and new land development regulations to eliminate or reduce land uses inconsistent with the community character, as set forth on the Future Land Use Map and Future Land Use explanatory text.

Policy 1.3.1.1: Zoning map designations and zoning ordinance text should be consistent with the Future Land Use Plan map and explanatory text.

Policy 1.3.1.2: The City's Land Development Regulations (LDRs) shall be used to accomplish the elimination or reduction of existing Plan nonconforming land uses with proper respect for the vested rights of property owners.

Objective 1.3.2: To achieve a simple land use pattern with a higher degree of use compatibility within each land use category.

Policy 1.3.2.1: LDRs shall protect residential development from the encroachment of incompatible land uses.

Policy 1.3.2.2: LDRs shall protect low-density and medium-density multi-family residential development from the encroachment of incompatible land uses.

Policy 1.3.2.3: Removed.

Policy 1.3.2.4 The City shall implement an incentive program which encourages construction of environmentally friendly building designs, new developments, redevelopments, and rehabilitative projects within the City. Certification under the U.S. Green Building Council Leadership in Energy Environmental Design (LEED®), Florida Coalitions of Designation Standards, or similar "Green" design guidelines that may be developed in the future is encouraged.

Policy 1.3.2.5 The City shall establish and implement an Energy Management Division. The Energy Management Division will be funded through a $0.0026 per kWh addition to the electric bill and will provide free energy and water audits for customers. Post audit customers will be allowed to apply for funding to assist with the cost of upgrades to their homes to improve energy efficiency as recommended by the auditors.

Policy 1.3.2.6 The City shall utilize its Land Development Regulations to foster coordination of new roadway network facilities, transit corridors, rail corridors and pedestrian facilities. Special attention will be given to protect the safety of pedestrians through site design that reduces hazardous and/or conflicting site conditions.

Objective: 1.3.3: To vigorously enforce innovative land development regulations that implement this Comprehensive Plan.

Policy 1.3.3.1: Consistent land development regulations shall be maintained as adopted for the purpose of plan implementation. At a minimum, such land development regulations shall regulate the following:

1. Zoning of properties in accordance with the land use designations as delineated on the Future Land Use Plan map and zoning text in accordance with the Land Use Plan explanatory text, including establishment of densities and intensities of use for each land use category;

2. Subdivision of land;

3. The number, size and placement of signs;

4. The development of land within areas subject to seasonal or periodic flooding;

5. Drainage and stormwater management;

6. Provision of adequate open space on developed properties;

7. Maintenance of safe and convenient on-site traffic flow; and,

8. Provision of adequate parking space on developed properties.

Policy 1.3.3.2: The case load of the Planning & Zoning Board should be reviewed periodically to determine the number of variances granted per year and to determine the need for revisions to specific zoning ordinance dimensional regulations.

Policy 1.3.3.3: The integrated and systematic code enforcement effort should be vigorously continued.

Objective 1.3.4: To encourage redevelopment and renewal of blighted areas and to promote the rehabilitation and restoration of older structures.

Policy 1.3.4.1: Redevelopment opportunities shall be maximized through activities of the Community Redevelopment Agency to operate within the Redevelopment Area as shown on the Future Land Use Plan.

Policy 1.3.4.2: Redevelopment opportunities will be maximized through programs to achieve the consolidation of small lots into larger redevelopment parcels, where feasible.

Policy 1.3.4.3: Redevelopment of Dixie Highway with more intensive uses will be encouraged along Dixie Highway.

Policy 1.3.4.4: Redevelopment opportunities will be maximized through use of mixed land use designations that permit a flexible mix of multi-family residential and compatible office uses.

Policy 1.3.4.5: Redevelopment with commercial or office uses in locations that are presently devoted to residential uses, but would be more suitable for commercial or office uses, will be encouraged through use of mixed land use designations.

Policy 1.3.4.6: Redevelopment opportunities within the Lake Worth Park of Commerce (LWPOC) Urban Redevelopment Area shall be consistent with the Master Plan including the adoption of the total amounts of additional square footages for industrial and commercial development/redevelopment.

Policy 1.3.4.7: Any proposed future land use and rezoning modification requests within the LWPOC Urban Redevelopment Area shall be thoroughly reviewed by the City to ensure consistency with the Master Plan, to encourage, consider and minimize impacts on retention and expansion of industrial uses and assessment of associated traffic impacts.

Policy 1.3.4.8: The City shall devise provisions in the LDRs to allow mixed use parking incentives and off-site parking credits especially in the Downtown, the Dixie Highway Commercial Corridor and the Federal Highway Corridor.

Objective 1.3.5: To coordinate future land uses with availability of facilities and services.

Policy 1.3.5.1: The level of service standards adopted elsewhere in this Comprehensive Plan for facilities shall be applied to all applications for development approval.

Policy 1.3.5.2: Developments that would impact existing facilities by reducing the level of service below adopted levels and which are to be constructed prior to the availability of scheduled improvements, shall pay for such impacts or provide their own facilities constructed to city specifications.

Policy 1.3.5.3: The City shall require that development orders and permits be specifically conditioned on the availability of the facilities and services necessary to serve the proposed development and that the facilities and services are authorized at the same time the land uses are authorized.

Policy 1.3.5.4: Where the facilities necessary to serve a development are not available the City may enter into a development agreement where the developer will provide for their construction.

Policy 1.3.5.5: The City may adopt and amend from time to time provisions for impact fees that will be utilized in the construction of necessary infrastructure designed to maintain adopted minimum levels of service.

Policy 1.3.5.6: ~~Consultation with water supplier is required prior to the issuance of site plan approval.~~ Prior to approving a building permit or its functional equivalent, the City shall consult with its Utility Department to determine whether adequate water supplies to serve the new development will be in place and available no later than the anticipated date of the Certificate of Occupancy (CO) or its functional equivalent.

Policy 1.3.5.7: The City shall encourage placement of underground utilities.

Objective 1.3.6: To encourage the availability of suitable land for utility facilities necessary to support proposed development.

Policy 1.3.6.1: Suitable land shall be dedicated or reserved by the developers or reserved by the City for utility facilities necessary to support proposed development.

Policy 1.3.6.2: Future annexation studies will require adequate sites for utility facilities, as needed.

Policy 1.3.6.3: Electric substations shall be allowed in all future land use categories except in places such as Conservation areas as well as areas designated as Historic Districts. Such facilities shall comply

with the provisions of F.S. 163.3208., which establishes compatibility standards, procedures for the review of applications for location of a new substation.

Policy 1.3.6.4: The City shall establish standards to enact reasonable setbacks and landscape standards for electric substations and these standards shall be in compliance with Florida Statutes.

Policy 1.3.6.5: Established electric transmission and distribution line right-of-ways shall be exempted from the normal requirements of vegetation maintenance and tree pruning/trimming, to the extent required by Florida Statutes.

Objective 1.3.7: To discourage the proliferation of urban sprawl by promoting high quality retail, office, and mixed use, especially in the Downtown Mixed Use category and the Dixie Highway Corridor, as the prime retail and commercial areas as specified on the Future Land Use Map.

Policy 1.3.7.1: High quality retail office and defined mixed uses are encouraged in the downtown area.

Policy 1.3.7.2: The highest possible degree of mutually reinforcing commercial uses are encouraged in the DMU.

Policy 1.3.7.3: The City shall continue to be proactive in development of strategies that facilitate adequate parking in the DMU and Dixie Highway Corridor.

Policy 1.3.7.4: Development and redevelopment opportunities in the downtown area will be enhanced through modification or reduction of parking space requirements, in recognition of public parking opportunities in the downtown area.

Policy 1.3.7.5: The pedestrian character of the downtown commercial area will be enhanced through continuation of pedestrian access programs to ensure that development in the DMU is easily accessible to residents and visitors.

Policy 1.3.7.6: In order to support continued redevelopment of older strip commercial areas (such as Dixie Highway) to maintain their economic viability, the City will continue to implement the design guidelines for its major commercial thoroughfares. These design guidelines establish flexible, but consistent standards for the exterior appearance of new and renovated buildings within two

blocks of these main streets. The Guidelines incorporate implementation policies concerning appropriate signage, building colors, and architectural design of new and renovated structures.

Policy 1.3.7.7: The City shall continue to implement urban design Guidelines for the Lake /Lucerne Corridor.

Objective 1.3.8: Maintain a policy of expansion through voluntary annexation.

Policy 1.3.8.1: Continue to promote orderly annexation of lands consistent with the City of Lake Worth Comprehensive Plan such that there is no reduction in service level to existing City residents as a result of the annexation.

Policy 1.3.8.2: Continue to promote orderly annexation of land where service delivery in the annexed area will be consistent with and equal to those provided for existing corporate lands.

Policy 1.3.8.3: Consider requests for annexation on a case-by-case basis utilizing good planning methods and practices.

Policy 1.3.8.4: Ensure that development plans for annexed parcels are compatible with adjacent areas.

Policy 1.3.8.5: Require infrastructure services available to a proposed annexation area at a level consistent with adopted level of service standards.

Policy 1.3.8.6: Ensure that annexed areas do not become a financial burden by requiring applicants to demonstrate proposed impacts upon the City infrastructure system in the annexation process.

Policy 1.3.8.7: Continue to promote orderly annexation of lands consistent with the Palm Beach Countywide Annexation Policy.

Policy 1.3.8.8: Actively participate in the comprehensive planning processes of Lake Clarke Shores, Lantana, Palm Springs, and Palm Beach County to identify areas in need of annexation by reviewing and commenting on these jurisdictions comprehensive plans and annexation policies as they occur.

Policy 1.3.8.9: Continue to review the established annexation reserve area southerly along the centerline of the LWDD E-4 Canal, from the City's present western limits, to its intersection with LWDD L-10 Canal to Congress Avenue, southerly to Lantana Road, easterly to Interstate 95, then northerly to the present City limits, including

Lake Osborne Estates.

Policy 1.3.8.10 The City will continue to cooperate with Palm Beach County to encourage non-residential uses in the core of the LWPOC.

Objective 1.3.9 The City shall discourage the proliferation of urban sprawl and shall facilitate a compact urban development pattern that provides opportunities to more energy efficient use and develop infrastructure, land, and other resources and services by concentrating more intensive growth within the City's mixed use, high density residential and TOD areas.

Policy 1.3.9.1 The City shall further discourage urban sprawl by:

1. Continuously promoting compact developments within the mixed use high density residential and TOD areas while providing adequate public services for each development in the most cost effective manner possible; and,

2. Requiring in all future development and redevelopment in the City, land use patterns that are non-strip in nature and demonstrate the ability to attract and encourage a functional mix of uses.

Objective 1.3.10 The City shall establish incentives to help aid the creation of compact, sustainable, community oriented development.

Policy 1.3.10.1 The City shall establish a Community Benefits program to provide for increased intensity and height allowances in return for specific project or public components that would create or increase quality of life measures for a larger segment of the population. The Community Benefits program will be more fully developed and implemented through the City's Land Development Regulations.

Policy 1.3.10.2 The Community Benefits program shall include a trust account to be used solely for the accumulation of funds received as part of the development incentive program. Such funds shall only be expended on projects identified within the Community Benefits program.

Policy 1.3.10.3 The Community Benefits program shall be reviewed and ratified by the City Commission on an annual basis, including project priorities for the annual expenditure of trust funds.

Goal 1.4: Encourage preservation and rehabilitation of historic and

natural resources and where appropriate restrict development that would damage or destroy these resources.

Objective 1.4.1: **The City's LDRs will continue to protect, conserve or enhance living marine resources, wildlife habitats, water resources and wetlands.**

Policy 1.4.1.1: Development should be designed to accommodate stormwater on-site in accordance with applicable regulations.

Policy 1.4.1.2: The City's Master Drainage Plan shall be implemented and updated as improvements are made in the system.

Policy 1.4.1.3: In order to reduce non-point source pollutant loadings, and improve the City's drainage system, dumping of debris of any kind into stormwater control structures is prohibited.

Policy 1.4.1.4: The City adopts and incorporates requirements in the Palm Beach County Wellfield Protection Ordinance for regulating and prohibiting the use, handling, production and storage of deleterious substances which may impair present or future public potable water supply wells and wellfields within the City's jurisdiction.

Policy 1.4.1.5: Any nonresidential use or residential use greater than 25 units that applies for a site plan, building permit or occupational license in a wellfield zone of influence and intends to handle, store or produce a regulated substance (as defined in the Palm Beach County Unified Land Development Code) shall obtain an operating permit or exemption certificate from the County Department of Environmental Resources Management prior to City approval of the development, permit or license.

Objective 1.4.2: **To provide for the protection, preservation or sensitive reuse of historic resources.**

Policy 1.4.2.1: The City will refine and maintain regulations to provide for protection, preservation or sensitive reuse of designated historic neighborhoods and historic sites listed on the National Register, Local Designation and/or Florida Site File.

Policy 1.4.2.2: The redevelopment of the designated redevelopment area will be planned and undertaken so as to protect, preserve or sensitively reuse any designated historic site(s) within its boundaries. The redevelopment plan will proceed in accordance with adopted regulations for historic preservation.

Policy 1.4.2.3: The City will enact regulations to provide as far as possible for preservation intact, mitigation or excavation of archaeological resources discovered during ground-disturbing activities undertaken by private or public entities.

Policy 1.4.2.4: The City will consider designation as an historic or archaeological site as a hardship when considering variances for non-safety related site development regulations in order to accommodate the preservation of historic or archaeological sites within proposed developments. Such features or sites should be incorporated into required setbacks, buffers or open spaces to the maximum extent of requirements.

Policy 1.4.2.5: The City shall consider accepting donations of historic or archaeological sites.

Policy 1.4.2.6: The City shall implement measures to enforce Historic Ordinances.

Policy 1.4.2.7: The City shall increase public awareness about various historic districts in the City by the ways of having identification signs for different historic neighborhoods, by promotional materials such as tour guidebooks, pamphlets etc. and conducting seminars and public educative sessions about various historic districts.

Policy 1.4.2.8: The City shall provide a historical guideline publication that will assist historic property owners in understanding the advantages of owning historic property, the requirements for preservation of historic properties and the requirements of owning property in a historic district.

Policy 1.4.2.9: If new archeological sites are discovered within the City limits, the City shall take necessary steps to protect these resources and coordinate with the county regularly and work with them as needed.

Goal 1.5: To protect human life and limit public expenditures, private development shall be discouraged in areas subject to destruction by natural disaster.

Objective 1.5.1: To coordinate coastal area population densities with the Lower Southeast Florida Regional and Palm Beach County Hurricane Evacuation Plans.

Policy 1.5.1.1: The City shall continue to maintain a Hurricane Evacuation Plan and upgrade it as needed with changing conditions and times.

Policy 1.5.1.2: The City will continue to cooperate with regional and county evacuation plans. Specific procedures for integration into these plans will be adopted.

Objective 1.5.2: To direct population concentrations away from known or predicted coastal high-hazard areas to the extent consistent with vested property rights.

Policy 1.5.2.1: The coastal high-hazard area will encompass the evacuation zone for a Category 1 hurricane as established in the regional hurricane evacuation study.

Objective 1.5.3: To limit public expenditures that subsidize development permitted in coastal high-hazard areas, except for restoration or enhancement of natural resources.

Policy 1.5.3.1: City-funded public facilities should not be built in the coastal high-hazard area, except for purposes of public access or resource restoration.

Objective 1.5.4: To reduce or eliminate land uses that are inconsistent with interagency hazard mitigation plans.

Policy 1.5.4.1: The City shall identify any land uses that are inconsistent with interagency hazard mitigation plans.

Policy 1.5.4.2: The City shall identify alternatives methods and determine costs to replace inconsistent land uses with land uses compatible with interagency hazard mitigation plans.

Goal 1.6: To discourage urban sprawl.

Objective 1.6.1: To discourage urban sprawl and instead support the redevelopment of older urban area.

Policy 1.6.1.1: The City shall continue to implement its redevelopment plan, and revise and upgrade it as needed with changing conditions and times.

Policy 1.6.1.2: The City shall support redevelopment with recommended regulations pertaining to height, density, design, mixed use, neighborhood compatibility and protection of historic resources.

Policy 1.6.1.3 The City shall encourage new development, infill and redevelopment in conjunction with existing or planned transit improvements where possible.

Goal 1.7: To support and provide incentives for the continued redevelopment of the historic downtown commercial core of the City.

Objective 1.7.1: To continue to provide administrative leadership and support for redevelopment efforts.

Policy 1.7.1.1: The City will continue to contribute to Tax Increment Financing trust fund for the Community Redevelopment Agency (CRA) area.

Policy 1.7.1.2: The City and CRA will provide opportunities for public involvement in redevelopment.

Policy 1.7.1.3: The City and CRA will continue to facilitate necessary studies and citizen surveys to determine the optimum approaches for redevelopment.

Policy 1.7.1.4: The City and CRA will continue to implement the Redevelopment Plan, and review and update the plan as necessary.

Policy 1.7.1.5: The City and CRA will work together to prioritize transit improvements and transit-supportive land use patterns as appropriate.

Policy 1.7.1.6: With administrative support from the City, the CRA will develop appropriate transit-supportive programs for inclusion in the Redevelopment Plan to further successful redevelopment.

Objective 1.7.2: To continue to improve the quality of public infrastructure in downtown Lake Worth.

Policy 1.7.2.1: The City and CRA will adopt and implement programs to improve the safety and appearance of the streets and sidewalks in Downtown Lake Worth.

Policy 1.7.2.2: The City and CRA will continue to study and make modifications to improve the traffic flow on downtown streets, to accommodate existing development and redevelopment.

Policy 1.7.2.3: The City will continue to maintain the seat of government in Downtown, and will encourage other agencies to establish

downtown offices.

Policy 1.7.2.4: The City will provide trees and landscaping downtown to enhance the quality of the urban environment.

Policy 1.7.2.5 The City and CRA will support the provision of enhanced local transit service in conjunction with new transit service on the FEC Corridor.

Objective 1.7.3: To support redevelopment plans which recognize and respect the historic urban character of Downtown Lake Worth and the surrounding neighborhoods.

Policy 1.7.3.1: The City shall continue to implement the recommendations of the City's Historic Properties Surveys.

Policy 1.7.3.2: Zoning and building regulations will recognize historic status as a hardship when variances and conditional uses are requested, to the maximum extent feasible consistent with health and safety.

Policy 1.7.3.3: Redevelopment of property with railroad access will be considered in light of recommendations of the City's Historic Properties Surveys and multi-modal transportation opportunities.

Policy 1.7.3.4: Neighborhood plans will be prepared to support preservation of sound single family neighborhoods which have a high percentage of owner occupied dwellings.

Policy 1.7.3.5: Architectural standards for redevelopment will be maintained.

Policy 1.7.3.6: The City will support provision of a full range of services to enhance the attractiveness of living and working in the Downtown area.

Policy 1.7.3.7: The City shall permit arts, entertainment and cultural uses in the TOD-E zoning district adjacent to the Lake-Lucerne downtown corridor. It will provide for a transit friendly mixed-use overlay district of residential, office and commercial activities, with an emphasis on the arts that will allow uses which promote preservation, restoration and adaptive reuse of historic buildings; stimulate pride in the City's architectural heritage, and stabilize and improve property values.

Objective 1.7.4: The City will increase its role as an ombudsman for downtown redevelopment, and become an active participant in business

development.

Policy 1.7.4.1: The City will take an active role in assisting private redevelopment projects, by assisting with feasibility studies, guiding their implementation, and advocating approval of acceptable plans.

Policy 1.7.4.2: The City and CRA will support the attraction of new retail businesses in the downtown by bringing together land owners and representatives of potential new businesses.

Policy 1.7.4.3: The City will seek grants and promote improvements by other agencies which will benefit Downtown Lake Worth.

Policy 1.7.4.4: The City will support creation of a marketable identity for Downtown.

Policy 1.7.4.5 The City will assist new businesses.

Objective 1.7.5: Where appropriate, the City will support redevelopment of obsolete properties and structures.

Policy 1.7.5.1: The City will continue to support operation of the CRA in assembly of lots for redevelopment.

Policy 1.7.5.2: The City will support efforts to redevelop the Lake Worth Park of Commerce Urban Redevelopment Area through appropriate site development review to explore opportunities in promoting mixed use, mass transit and alternative transportation methods for new or modified approvals.

Goal 1.8: To support the implementation of the Lake Worth Park of Commerce (LWPOC) Urban Redevelopment Area through a coordinated and comprehensive effort of the City, County, residents and businesses.

Objective 1.8.1: To encourage development/redevelopment of the LWPOC as an employment center through redevelopment and economic revitalization efforts. The boundaries for the Park of Commerce are: 10th Avenue North to the north; Lake Worth Road to the south; Interstate 95 to the east; and the E-4 Canal to the west.

Policy 1.8.1.1: The City shall continue to investigate appropriate land use changes to industrial within the LWPOC to promote redevelopment and economic revitalization.

Policy 1.8.1.2: The City shall continue to coordinate and provide assistance to City and County agencies to ensure improved infrastructure, services and access within the LWPOC.

Policy 1.8.1.3: The City shall encourage new development proposals within the LWPOC, with emphasis on those at the north and south entrance of the Park of Commerce along Boutwell Road, to be consistent with the goal to create a quality office/industrial park, as established in the LWPOC Conceptual Plan.

Policy 1.8.1.4: The City shall continue to work with the County to implement the Capital Improvements Plan as recommended in LWPOC Redevelopment Plan.

Policy 1.8.1.5: The City shall encourage creation of a Business Improvement District (BID) within the LWPOC Urban Redevelopment Area and develop ways to consider alternatives for financing infrastructure.

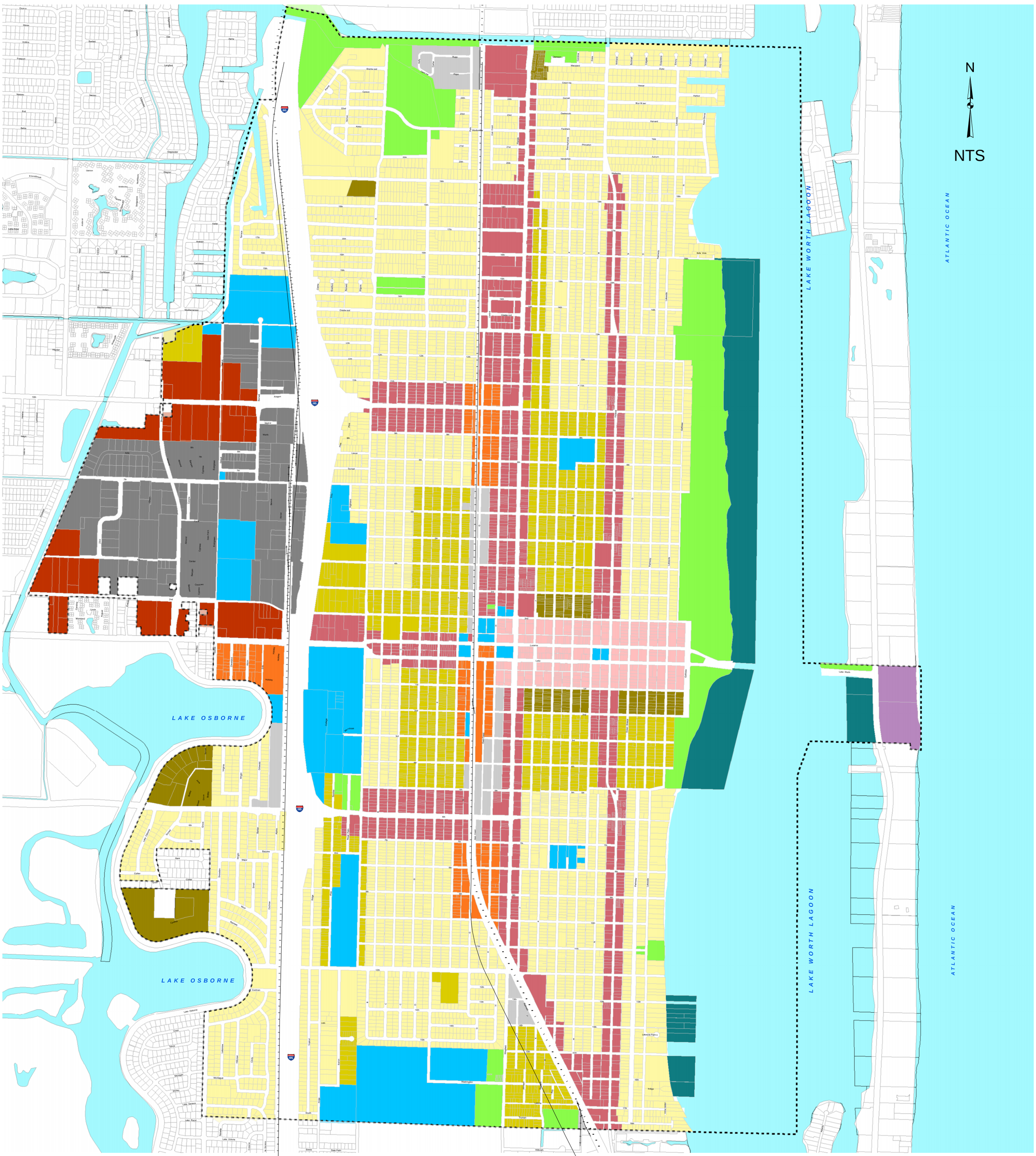
Policy 1.8.1.6: The City shall implement relocation assistance program for businesses that are industrial in nature within the FEC area and along Dixie Highway to relocate to the Park of Commerce. The City shall determine the specific types of support and assistance under this program.

Policy 1.8.1.7: The City shall encourage quality light industrial, commercial and office uses within LWPOC. The City shall develop a permitted business list as well as conditional business list specifically for the LWPOC Area.

Policy 1.8.1.8: The City shall develop design guidelines to enhance architecture, landscaping, parking and service area buffers for the LWPOC Area.

Policy 1.8.1.9: The City shall enhance landscaping, provide landscape buffers, sidewalks and lighting along major thoroughfares within the LWPOC through development regulations and/or beautification Capital Improvement Projects.

Policy 1.8.1.10**:** The City's Land Development Regulations shall implement more standardized parking requirements compatible with industrial uses in the Lake Worth Park of Commerce Area.



Legend

- Single Family Residential (SFR)
- Medium Density Residential (MDR)
- High Density Residential (HDR)
- Mixed Use - East (MU-E)
- Mixed Use - West (MU-W)
- Downtown Mixed Use (DMU)
- Transit Oriented Development (TOD)
- Artisanal Mixed Use (AMU)
- Industrial (I)
- Public (P)
- Public, Public Recreation and Open Space (PROS)
- Conservation (CON)
- Beach and Casino (BAC)
- Palm Beach County (PBC)
- Municipal Boundary

PREPARED BY

MICHAEL BLEVINS
THE CITY OF LAKE WORTH'S
COMMUNITY SUSTAINABILITY
GIS PLANNER

1900 2ND AVE N LAKE
WORTH, FL 33461
561.586.1645
Updated 08.07.2012

0 380 760 1,520 2,280 3,040 Feet

Notes:
1. The parcel outline information shown was obtained from the Palm Beach County Property Appraiser's GIS Department February 2012.
2. The City of Lake Worth Municipal Boundary shown was updated on February 2, 2012.
3. This map is for informational purposes and may not have been prepared for or be suitable for legal, engineering or surveying purposes.
They do not represent an on-the-ground survey and represent only the approximate relative location of property boundaries.
These products have been produced by the City of Lake Worth for the sole purpose of geographic reference.
No warranty is made by the City of Lake Worth regarding specific accuracy or completeness.

Future Land Use Map

Adopted August 7th, 2012 with Comp Plan Ordinance 2012-26

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Where the Tropics Begin
www.lakeworth.org

II. TRANSPORTATION ELEMENT

Goal 2.1: **To develop and maintain a safe, convenient, and energy efficient multimodal circulation system which permits convenient and efficient travel through and within the City, to support and enhance the community's economic and residential character.**

Objective 2.1.1: **To adopt and maintain appropriate level of service (LOS) standards for streets within the City.**

Policy 2.1.1.1: The City shall adopt as part of this Comprehensive Plan the 2015 Lane Arrangement Map as the Future Trafficways map shown as Exhibit 2.8 in the Data and Analysis. (There are no ports, airports, high-speed rail lines, or related facilities in Lake Worth.)

Policy 2.1.1.2: The City adopts as part of this Comprehensive Plan the following Level of Service Standards; for all roads on the Florida Intrastate Highway System, Level of Service "C" is adopted; except that in-line with the State Intermodal System level of service for I-95 shall be LOS E, and for all other roads, Level of Service "D" for peak hour operation is established. Constrained facilities are determined to be exceptions to these levels of service. The City also adopts any and all levels of service established by the FDOT in-line with the SIS Program as well as the LOS for all facilities identified by the Southeast Florida Transportation Council's Transportation Regional Incentives Program (TRIP.) For transit facilities, the adopted level of service shall be 1 hour headways for travel on established transit routes.

Policy 2.1.1.3: The following roadway segment is identified as constrained, due to limitations of insufficient right-of-way, adjacent development, or inadequate area for expansion: 10th Avenue North, west of I-95. The Level of Service shall be managed by the City through the implementation of procedures established by the Palm Beach County CRALLS (Constrained Roadways at Lower Levels of Service) program. No development or redevelopment activities will be permitted on parcels adjacent to or leading directly to this link, unless the applicant can demonstrate conformance to the countywide traffic performance standards, which govern, constrained facilities.

Policy 2.1.1.4: The City shall coordinate traffic improvement planning with Palm

Beach County and the Florida Department of Transportation in order to accomplish the following improvements needed to attain a future LOS standard of Level D for streets within the City.

Street	Location	Suggested Improvements	Jurisdiction
6th Ave. S	Dixie Highway to Federal Highway	No current plans	PBC
10th Ave. N.	700' W of I-95 Ent	Six lanes	City
I-95	S. of 6th Ave. S. to 10th Ave N	Add 4 lanes and reconstruct 6 lanes	FDOT
I-95	S. of 10th Ave. N. to Forest Hill Blvd	Add 4 lanes and reconstruct 6 lanes	FDOT
Dixie Hwy	Palm Beach Canal to Federal Highway	Four lane with left turns at major intersections	FDOT

Policy 2.1.1.5: The City shall adopt service level C/D for all roadways in the jurisdiction of the City, which are not included in Policy 2.1.1.3, and specifically including SR A1A.

Policy 2.1.1.6: The City will continue to work with the County and the State to correct the unsafe alignment of east and west bound traffic lanes on 10th Avenue North (county road) at Dixie Highway (state road).

Policy 2.1.1.7: The City shall adopt level of service E for the streets listed in policy 2.1.1.3 in support of the Community Redevelopment Plan and due to the fact that the City has a very high level of transit serving the Community Redevelopment Area (TriRail and PalmTran).

Policy 2.1.1.8: The City shall encourage local businesses and encourage transit friendly development in the Land Development Regulations for all land uses to maximize the use of the public transit system.

Policy 2.1.1.9: The City shall discourage urban sprawl through private redevelopment in the downtown area.

Policy 2.1.1.10: Service level E will be accepted only on roads which are either in the Community Redevelopment Area or feeder roads to the Community Redevelopment Area. Lower levels of service may be accepted within or on the boundaries of the Community Redevelopment Area and TOD areas.

Policy 2.1.1.11: All components of the public transit system, PalmTran, and TriRail, shall coordinate to serve the Community Redevelopment Area and LWPOC Urban Redevelopment Area.

Policy 2.1.1.12: The City shall continue to implement access management by continuing the practice of obtaining letters of compliance with Palm Beach County's Traffic Performance Standards after review of traffic studies by the Palm Beach County Traffic Engineer (or his designee) This review shall be applicable to all new nonresidential development, rezoning for nonresidential uses, and change of use of existing structures for nonresidential purposes.

Policy 2.1.1.13: Access management for residential development will be conducted through site plan and subdivision review, to restrict back-out parking into rights-of-way, limit driveway connections, and ensure conformance with existing provisions contained in the City's Land Development Regulations.

Policy 2.1.1.14: The City shall maintain records regarding de minimus transportation impacts in order to determine if and when the 110% threshold of such impacts has been reached.

Policy 2.1.1.15: For those projects that cannot meet the concurrency requirement for transportation, the City's LDRs shall include provisions for the use of "proportionate fair-share mitigation for transportation facilities" consistent with Florida Statutes. In developing these provisions in the LDRs, the City shall be guided by the "Model Ordinance for Proportionate Fair-Share Mitigation of Development Impacts on Transportation Corridors" published by the Florida Department of Transportation as may be amended. Additionally, the regulations shall be designed so as to operate in a consistent manner with Palm Beach County's proportionate fair-share regulations.

Policy 2.1.1.16: Where the facilities necessary to serve a development are not available the City may enter into a development agreement where the developer will provide for their construction.

Policy 2.1.1.17: The City may adopt and amend from time to time provisions for impact fees that will be utilized in the construction of necessary infrastructure designed to maintain adopted minimum levels of service.

Objective 2.1.2.: **To provide for preservation and protection of needed rights-of-way.**

Policy 2.1.2.1: The City shall establish right-of-way dedication requirements for arterial and collector streets which are consistent with those established by the Florida Department of Transportation. Minimum right-of-way for new local streets shall be no less than 40 feet. Right-of-way requirements along State or County roads will be established by the operating jurisdiction. Where the State or County has not provided the City with the required right-of - way, the existing right-of-way shall be the adopted standard until the County and the State provide their standards.

Policy 2.1.2.2: The City shall acquire where possible the needed right-of-way at constrained intersections for construction of necessary turning lanes.

Policy 2.1.2.3: Where exclusive public transit corridors exist within the City or where such corridors are planned, the LDRs shall ensure that land uses along and in proximity to these corridors are designed to maximize use of, and accessibility to, the transit facilities.

Objective 2.1.3: **To provide for adequate bicycle and pedestrian accessways.**

Policy 2.1.3.1: The City shall review all proposed development for accommodation of bicycle and pedestrian traffic needs. Bicycle routes shall be marked and designated bicycle parking areas shall be provided where appropriate.

Policy 2.1.3.2: Newly constructed walkways and sidewalks shall include ramps for handicapped users, as required by the City's LDRs.

Policy 2.1.3.3: At the time of improvements within rights of way, undertaken by the City or through the contribution of private development, the extension of sidewalks shall be considered as appropriate and applicable.

Objective 2.1.4: **To eliminate or reduce conflicts between rail, vehicular and pedestrian traffic in any new development or redevelopment, coordinate the transportation system with existing and future or existing land uses, and ensure that planned development is consistent with planned transportation services as a means to ensure improvement of air quality and overall mass transit performance.**

Policy 2.1.4.1: Heavy traffic generating land uses (as defined in the LDRs) requiring new curb cuts or access in the immediate vicinity of railroad crossings should not be permitted. The City's site plan review process shall be utilized when applications are made for curb cuts in such areas.

Policy 2.1.4.2: By 2011, the City shall prepare policy guidelines to be used to evaluate the traffic impact of regional transportation improvements on the City's existing and proposed residential and commercial development. Such guidelines may include alternates for enhancing traffic efficiency and mitigating negative traffic impacts, such as traffic calming, one-way street designation, provision of public parking facilities, or other similar mechanisms.

Policy 2.1.4.3: Heavy traffic generating land uses (as defined in the City's LDRs) shall be carefully considered before permitting along Tenth Avenue North immediately west of I-95.

Policy 2.1.4.4: The City shall review all applications for development and redevelopment to ensure compliance with the policies implementing this objective.

Policy 2.1.4.5: The City shall support the provision of safe vehicular parking to support new land development. Public parking lots shall continue to be provided to serve the downtown mixed use area, major attractions (such as Lake Worth Beach) and mass transit access points.

Policy 2.1.4.6: As part of the City's concurrency management system, the City shall require that all transportation facilities be in place or under construction within 3 years from issuance of building permit.

Objective 2.1.5: To achieve the highest possible compatibility between Lake Worth's traffic circulation goals, objectives and policies and those of the Palm Beach County Metropolitan Planning Organization and the State of Florida.

Policy 2.1.5.1: The City shall review subsequent versions of the Palm Beach County and Florida Department of Transportation Five-Year plans in order to ensure the utmost compatibility of transportation planning goals.

Policy 2.1.5.2: The City shall support and cooperate in the establishment of transportation demand management programs of the Metropolitan Planning Organization or other appropriate jurisdictions by

implementing local education and activities to encourage participation in area wide programs including, but not limited to, programs which seek modification of peak hour travel demand and reduction of vehicle miles per capita.

Policy 2.1.5.3: The City shall support establishment of transportation system management strategies (TSM) to improve the operating efficiency of existing roads by identifying traffic flow modifications and intersection improvements and by seeking appropriate rights-of-way and setbacks from abutting properties at time of development to implement these modifications. In addition, the City will support TSM strategies implemented by the Metropolitan Planning Organization or other appropriate jurisdictions.

Policy 2.1.5.4: The City establishes 90-minute headways in the peak hour as the appropriate objective measures of system effectiveness for the countywide bus system, consistent with standards adopted in the Palm Beach County Comprehensive Plan, and shall work in concert with Palm Beach County, PalmTran and other service providers to implement this Level of Service.

Policy 2.1.5.5: The City shall continue to support regional multimodal transportation systems through coordinating routes and schedules, with PalmTran and TriRail, and with participation on the Metropolitan Planning Organization, directly supporting the FDOT in developing, identifying and protecting the State Intermodal System including identified connectors. Further, the City shall support the SEFTC's TRIP program. In addition, the City shall address any adverse impacts on the Strategic Intermodal System (SIS) facilities, any development impacting SIS facilities, by lowering its level of service below the adopted standard, shall be required to mitigate its impacts to achieve and maintain the level of service standard. The City shall coordinate with County Staff and will adhere to policies and programs which ensure that the overall transportation system meets the County's level of service criteria in order to provide viable alternatives to the Florida Intrastate Highway System and the SIS, and to protect their interregional and intrastate functions.

The City shall adopt any and all specific LOS standards applicable to the facilities listed below.

SIS facilities in the City:

1. Lake Worth Road Tri-Rail Station
2. I-95 to 6th Avenue South to South A Street to Lake Worth Road
3. FEC Railroad

Palm Beach County SIS facilities:

1. I-95
2. Florida Turnpike
3. SR 80
4. SR 710
5. US 27

Policy 2.1.5.6: The City shall seek the cooperation of Palm Beach County and neighboring jurisdictions in the designation of 17th Avenue North as a collector facility, and in maintaining traffic circulation and evacuation capacity on the Keller Road Bridge.

Policy 2.1.5.7: All access points to and from Lake Clarke Terrace shall be maintained through coordination with neighboring jurisdictions.

Policy 2.1.5.8: Through participation in IPARC and the Metropolitan Planning Organization, the City shall coordinate land use plans, right of way reservations, transit schedules, public information materials and other programs with appropriate state and regional agencies in order to develop and implement area wide transportation, land use and parking initiatives which have the effect of increasing mobility, meeting individual travel desires, conserving energy, reducing traffic congestion and promoting compact urban development.

Objective 2.1.6: To achieve infill development/redevelopment of the LWPOC in cooperation with Palm Beach County through the establishment of a Transportation Concurrency Exception Area (TCEA) and continued joint planning efforts.

Policy 2.1.6.1: The LWPOC Transportation Concurrency Exception Area (TCEA) is established and designated. Contiguous with the boundaries of the LWPOC, the TCEA is bounded by Tenth Avenue North on the north, I-95 on the east, Lake Worth Road on the south and the Keller Canal (E-4) on the west. The TCEA will be limited to

55,147 square feet of additional commercial retail use and 895,373 square feet of additional industrial use. Any project utilizing the TCEA and significantly impacting Interstate 95 shall be required to address its impacts per County Traffic Performance Standards. The TCEA may be revisited if the City of Lake Worth fails to provide the County an annual report by March 31 of each year starting in year 2004, showing that development approvals utilizing this TCEA have not exceeded the limits set by this policy.

Policy 2.1.6.2: The City shall cooperate with Palm Beach County to initiate a program to capture roadway impact fees generated from development/redevelopment within the LWPOC TCEA. This funding shall be used for upgrading or implementing new transit programs or instituting roadway improvements directly benefiting the LWPOC, such as intersection right-of-way acquisitions, adding turn lanes and improved turning radii.

Policy 2.1.6.3: The City shall additionally implement the following TSM and Transportation Demand Management strategies within the LWPOC: Limit the number of access points between private property and 10th Avenue North, by requiring properties that have direct access to a secondary road, service drive or cross-access easement to make the necessary connection improvement to redirect traffic away from 10th Avenue North; require cross-access connection between properties abutting 10th Avenue North for both vehicles and pedestrians during development review; require installation of secure bicycle parking facilities during development review; and require provision of a bus/trolley shelter for properties under development review with frontage on any transit route, where no such facility is within 800 feet of the site.

Policy 2.1.6.4: The City shall encourage quality light industrial, commercial and office uses within the LWPOC. The City shall develop a permitted business list as well as conditional business list specifically for the LWPOC.

Policy 2.1.6.5: The City shall develop design guidelines to enhance architecture, landscaping, parking and service area buffers for the LWPOC.

Policy 2.1.6.6: The City shall enhance landscaping, provide landscape buffers, sidewalks and lighting along major thoroughfares within the LWPOC through development regulations and/or beautification Capital Improvement Projects.

Policy 2.1.6.7: The City's LDRs shall implement more standardized parking requirements compatible with industrial uses in the LWPOC.

Objective 2.1.7 **The City shall continue to assist Palm Tran in providing efficient public transit services based on existing and future trip generators and attractors and also provide local public transit road and terminal areas which are safe for transit users**.

Policy 2.1.7.1 The City shall support the transit shelter and terminal development program of Palm Tran, the proposed High Speed Rail Project and of the Tri-Rail Authority.

Policy 2.1.7.2 The City shall continue to modify and enforce regulations to encourage the provision of transit related shelters in major land development projects.

REFER TO

2015 Future Transportation Map Series – Roads & Levels of Service

OF THE CITY'S ADOPTED

1998 COMPREHENSIVE PLAN

REFER TO

2015 Future Transportation Map Series – Pedestrian/Bicycle Routes

OF THE CITY'S ADOPTED

1998 COMPREHENSIVE PLAN

REFER TO

2015 Future Transportation Map Series – Palm Tran Bus Routes

OF THE CITY'S ADOPTED

1998 COMPREHENSIVE PLAN

III. HOUSING ELEMENT

Goal 3.1: **To achieve a supply of housing that offers a range of residential unit styles and prices for current and anticipated homeowners and renters in all household income levels by the creation and/or preservation of housing units.**

Objective 3.1.1: **To upgrade the quality of existing housing and assure that new construction is of the highest possible quality while supporting the position that the city's housing supply will be principally provided by the private sector.**

Policy 3.1.1.1: Strict enforcement of the Florida Building Code, standard housing code and other applicable codes shall continue.

Policy 3.1.1.2: Conservation and rehabilitation of housing stock shall be guided by recommendations contained in planning and housing studies prepared for redevelopment areas, historic surveys, and other appropriate documentation.

Policy 3.1.1.3: The City shall support the location of housing assistance for very low, low, and moderate income households, consistent with applicable zoning land development regulations, and the scale of existing development, with emphasis on expanding opportunities within the existing community and housing stock rather then construction of new, large scale multi-family developments.

Policy 3.1.1.4: The City shall take strict enforcement measures to eliminate overcrowded housing conditions.

Objective 3.1.2: **To encourage the use of "traditional" single-family housing while allowing flexibility in zoning regulations in order to achieve a diverse housing supply.**

Policy 3.1.2.1: Amendments to the zoning ordinance and other development regulations shall retain principles and criteria for guiding the location of adult congregate living facilities, group homes, housing for low and moderate income households, mobile homes, and foster homes in a manner consistent with State laws and more explicitly in conformity with Florida Statutes.

Policy 3.1.2.2: The City shall permit increased densities and/or a decrease of living area requirements for innovating designs of up to 15 percent in order to promote affordable housing projects. The increased densities and/or decreased living area requirements shall only be awarded to developments where the housing costs do not exceed 140% of the County's median income for a family of four, times 2.5 for each single family dwelling, plus meeting one or more of the following general affordability guidelines:

1. The project shall provide permanent mortgage financing of 90% or greater.

2. The project is a public/private partnership sponsored development.

3. Mortgagee income qualifications shall not exceed 140% of the most current Palm Beach County median family income for a family of four, with this condition being mandatory.

4. In order to maintain affordability an anti-speculation clause shall be inserted in the deed for the first 2, but preferably 5 years, which provides for appreciation participation and the subsequent purchaser meeting condition 3 above.

5. In order to ensure adequate sites for affordable housing, the City shall establish and implement an Affordable Housing Program that will identify and acquire sites through public-private partnerships, CDBG funding, judicial foreclosure stock, and utilizing rehabilitated housing stock with the goals of:

   a. Providing assistance for working individuals and current renters to become property owners of standardized housing stock identified throughout the City;

   b. Providing assistance in the transition of residents in substandard living conditions to standardized housing stock identified throughout the City;

   c. Providing assistance with affordable housing options to elderly and physically challenged persons.

Developments utilizing these incentives shall be allowed in all residential areas and can be undertaken as a Planned Development

District, as provided for in the Land Development Regulations, regardless of size.

Policy 3.1.2.3 The City may as a part of its efforts to establish programs to ensure the construction of affordable and work force housing establish a fund for such purposes. These funds will be developed through the use of a formula developed as a part of the Land Development Regulations and utilized for the purposes of acquiring sites, rehabilitating housing stock, and constructing new affordable dwelling units throughout the City. The mechanism for generating funds earmarked for the Affordable Housing Fund shall be:

a. Payment-in-lieu contributions
b. Land donation within the City
c. Off-site construction of units
d. Purchases of existing market rate units to be donated to the City or sold to eligible households
e. CDBG funding
f. Purchase assistance loan programs
g. Tax-Incentive public-private partnerships

Policy 3.1.2.4 The City may choose to require developers of new developments to contribute a fee-in-lieu of units. The sum amount of this fee shall be established by the City Commission and Planning and Zoning Board, and it shall be paid to the City's affordable housing program to finance land acquisition, homeowner assistance, or other actions to further the City's affordable housing objectives as specified in the Comprehensive Plan.
Set aside at least 10% of their development for occupancy by households of low income (more than 50 per cent but less than or equal to 80 per cent of the County's median annual adjusted gross income) households, and 10 per cent for moderate income (more than 80 per cent but less than or equal to140 per cent of the County's median annual adjusted gross income) households. Units meeting this requirement shall include no more than 40 per cent renter occupied units for low income and very low income households and no more than 30 per cent renter occupied units for moderate income households. The remaining units must be owner occupied. The renter occupied units must continue to be attainable for a period of at least 20 years, and the owner occupied units must continue to be attainable for a period of at least 10 years.

Objective 3.1.3: **To foster the development of a strong non-profit housing sector, to meet the needs of very low and low income groups.**

Policy 3.1.3.1: Support the efforts of housing providers by endorsing their application to the U.S. Department of Housing and Urban Development or other funding agencies.

Policy 3.1.3.2: Citizens shall be involved when possible in the development of housing programs and planning for housing needs.

Objective 3.1.4: To encourage financial programs that expand housing opportunities in new housing construction and housing rehabilitation for very low, low, and moderate income households in a manner consistent with the community scale and character.

Policy 3.1.4.1: The City shall implement activities for improving coordination among participants in the delivery of housing within the City. Appropriate areas for City involvement should include partnerships with private firms and non-profit agencies, or other government agencies.

Objective 3.1.5: To optimize the use of state and federal housing and community development programs to meet the needs of very low, low, and moderate income households in the community.

Policy 3.1.5.1: Federal, state, and county programs for providing housing shall be utilized, as necessary as a means to assure a full range of housing opportunities is available for City residents.

Policy 3.1.5.2: By December, 2011, the City shall conduct a comprehensive study to optimize the use of state, federal housing and community development programs.

Objective 3.1.6: The City shall support policies which provide for suitable housing for households in the same or similar neighborhoods which will be directly displaced through public action.

Policy 3.1.6.1: Where Federal funding is utilized, Federal housing relocation guidelines shall be employed and shall be consistent with Florida Statutes. In such instances where City funds are utilized, the City shall locate comparable standard housing in the same or comparable neighborhood in the City for the displaced persons and in addition, pay all direct costs of the move.

Objective 3.1.7: To continue to formulate appropriate housing implementation programs as part of the ongoing planning and management activities of the City.

Policy 3.1.7.1: The regulatory environment and permitting procedures for housing may be reviewed as needed, as part of the continuing City planning effort. Improvements to the efficient operating of City processes regarding housing which is identified as needed will be implemented through the City's LDRs.

Goal 3.2: To assure that all citizens have decent, safe and sanitary housing in neighborhood environments that are attractive, secure and free from urban blight.

Objective 3.2.1: To maintain the integrity of existing residential neighborhoods and to promote their preservation and rehabilitation.

Policy 3.2.1.1: Residential areas shall be adequately buffered from incompatible nonresidential activities that would adversely affect the living environment of residents.

Policy 3.2.1.2: The City's definitions for standard and substandard housing and guidelines for determining the quality of housing and stabilizing residential neighborhoods will be enforced.

Policy 3.2.1.3: Code enforcement efforts will be maintained in order to prevent overcrowding and unsafe or unsanitary housing conditions.

Objective 3.2.2: To promote the conservation, preservation and rehabilitation of existing housing as a means of maintaining and improving residential conditions, providing opportunities for affordable housing to all current and anticipated future residents of the City and creating affordable housing opportunities.

Policy 3.2.2.1: Housing condition awareness will be promoted by the City in one or more of the following ways:

1. By implementing a Certificate of Use Program as license for rental property.

2. By developing support programs and incentive programs for home improvement and rehabilitation.

3. By actively developing cross-training and "team" inspection programs to better utilize City staff and make as many inspections as possible on an annual basis.

4. By publishing and promoting a special telephone number to call with information or questions on illegal housing,

nuisance property or available housing programs.

5. By giving property owners flexible and "reasonable" time periods to correct violations depending on the type of violation, but strictly enforce the code and penalize offenders.

Policy 3.2.2.2: Preservation of affordable housing will be accomplished through code enforcement of existing structures, participating in rehabilitation loan programs funded by CDBG and SHIP programs, and administration of historic housing and redevelopment programs and enhanced intergovernmental coordination in the provision of housing such as support of the local Community Development Corporation, housing rehabilitation and public housing.

Policy 3.2.2.3: The City shall ensure compatibility of new affordable housing developments with existing characteristics by proactively seeking projects that integrate adaptive re-use, missed use, and offer affordable housing solutions through site plan review and design guidelines.

Policy 3.2.2.4 Additional affordable (low, very-low and moderate) housing, as well as special needs housing, may be developed in any residential district.

Objective 3.2.3: To promote the elimination of blighting influences on residential areas and improvement of substandard housing conditions.

Policy 3.2.3.1: Dwelling units that are dilapidated and thus do not provide a decent, safe and sanitary environment shall be removed.

Policy 3.2.3.2: The City will regularly maintain and rehabilitate public improvements that have been accepted for maintenance, such as street paving, sidewalks and other physical improvements.

Policy 3.2.3.3: In conjunction with the City's Certificate of Use program, housing stock will be regularly inspected.

Policy 3.2.3.4: Group homes and foster care facilities licensed or funded by the Florida Department of Children and Families shall be located so as to encourage the development of community residential alternatives to institutionalization, and supported with public facilities and services in a nondiscriminatory manner. The City

encourages these facilities to be located near supporting institutional and other uses, appropriate for the clientele served by the facilities.

Policy 3.2.3.5: Housing demolition program activities will be guided by City development regulations, consistent with City policies on neighborhood improvement and the removal of dilapidated structures.

Objective 3.2.4: To encourage architectural design that complements the city's appearance and considers the objectives of all facilities and services provided by the City.

Policy 3.2.4.1: By December 31, 2010, the City's land development regulations shall be amended to incorporate additional provisions for energy conservation, "green city" concepts and encourage and/or mandate new or existing developments to acquire Leadership in Energy and Environmental Design (LEED) and/or Florida Green Building Coalition (FGBC) certifications.

Policy 3.2.4.2: Housing located in areas subject to the hazards of flooding and storm surge shall be constructed according to acceptable standards in order to minimize the impacts of these hazards.

Objective 3.2.5: To encourage the identification of historically significant housing, and to promote its preservation and rehabilitation as referenced by the Surveys of Historic Properties conducted for the City of Lake Worth.

Policy 3.2.5.1: Properties of special value for historic, architectural, cultural or aesthetic reasons will be restored and preserved through the enforcement of the City's Historic Preservation Ordinance to the extent feasible.

Policy 3.2.5.2: Identification and conservation of historically significant housing will be promoted by the City, to the extent feasible. The Future Land Use Map and land use analyses of the Comprehensive Plan will consider historically significant housing.

Policy 3.2.5.3: The City shall increase public awareness about various historic districts in the City by the means of having identification signs for different historic neighborhoods, by developing promotional materials such as tour guidebooks, pamphlets etc. and conducting seminars and public education seminars about various historic districts.

Objective 3.2.6 **The City shall establish and implement energy efficiency initiatives that will promote energy efficiency and the use of renewable energy resources**.

Policy 3.2.6.1 The Energy Management Division shall be established, implemented, and funded through a minimum addition of $0.0026 per kWh to the electric bill, and will provide energy and water audits for customers.

Policy 3.2.6.2 The Energy Management Division shall assist in the management of the Energy Efficiency and Conservation Block Grant program and similar local, state and federal programs with such goals as will:

1) Reduce energy consumption by 12% in 280 existing homes through the use of prepaid meters;
2) Increase energy efficiency in City lighting through such means as the installation of LED street lights.

Policy 3.2.6.3 The Energy Management Division shall establish and implement the availability of energy savings kits that include appurtenances and printed materials for home owners.

Policy 3.2.6.4 The Energy Management Division shall establish and implement the Energy and Water Conservation Program which contains the following rebate incentives to residential customers of the utility:

1) To replace old clothes washers with new energy and water-efficient models
2) To replace old air conditioners and heat pumps with energy-efficient models
3) To replace refrigerators with new, energy-efficient models
4) To install programmable thermostats
5) To replace old toilets with new ultra-low flush, water efficient models.

IV. INFRASTRUCTURE ELEMENT

Goal 4.1: **To provide needed public infrastructure in a manner which protects investments in existing facilities and promotes orderly, compact urban growth, while maintaining an acceptable level of service.**

Objective 4.1.1: **To continue to administer procedures that ensure that development orders and permits are specifically conditioned on the availability of the facilities and services necessary to serve the proposed development.**

Policy 4.1.1.1: The following level of service standards should be adopted and used as the basis for determining the availability of facility capacity and the demand generated by a development:

Facility/Service Area	**Level of Service Standard**
Sanitary Sewer Facilities	Collection and treatment of 100 gallons per capita per day at secondary treatment level
Solid Waste Facilities	Collection and disposal of 6.5 pounds of solid waste per capita per day
Stormwater Quantity	Design storm frequency for a 3-year, 1-hour storm duration, as recorded in the FDOT Rainfall Intensity Curves, current edition
Potable Water Facilities	Provision of potable water at quality levels required by regulatory agencies and in quantities of ~~185~~ 105 GPCD(gallons per capita per day), inclusive of water for irrigation purposes and maintenance of water pressure at ~~40~~ 30 psig residual~~, and 55 psig static~~
Parks	2.5 acres of neighborhood and/or community parks for every 1,000 persons.

Policy 4.1.1.2: All improvements for replacement, expansion or increase in capacity of facilities should be compatible with the adopted level of service standards for the facilities. This should be enforced through the Concurrency Management Ordinance.

Policy 4.1.1.3: The City will continue to provide annual reviews of system demand and supply, and to update facility demand and capacity information based on issuance of development permits.

Policy 4.1.1.4: Consistent with the urban growth policies of the Future Land Use Element of this plan, provision of centralized sanitary sewer and potable water service will be provided to the approved areas for these facilities and to areas where the Lake Worth Utilities Department has legal commitments to provide facilities and services.

Policy 4:1.1.5: The City will coordinate through Palm Beach County and/or neighboring jurisdictions with all local governments within the City's designated utility service areas to ensure that their comprehensive plans and development permit procedures are compatible with City policy. The means for this coordination shall include review of documents, formal and informal meetings and letters of objection/no objection to proposed policies, activities or annexations and through the IPARC (Intergovernmental Plan Amendment Review Committee) process for plan amendments and use of the Countywide Issues Forum.

Policy 4.1.1.6: Since the City is approaching build out and is compact by design, new development is encouraged in the areas with redevelopment potential and served by existing facilities in order to maximize the use of existing facilities.

Policy 4.1.1.7: ~~Consultation with water supplier is required prior to the issuance of building permit to ensure adequate water supply is available to serve new development by the date of issuance of a certificate of occupancy.~~ Prior to approving a building permit or its functional equivalent, the City shall consult with its Utility Department to determine whether adequate water supplies to serve new development will be in place and available no later than the anticipated date of the Certificate of Occupancy (CO) or its functional equivalent.

Objective 4.1.2: To develop and maintain a five-year schedule of capital improvement needs, which includes those capital improvement projects identified in the Data and Analysis for public infrastructure facilities, to be updated annually in conformance with the review process set forth in the Capital Improvement Element of this plan.

Policy 4.1.2.1: Proposed capital improvement projects will be evaluated and annually ranked according to criteria established by the City Commission.

Planning policy considerations are:

a) The proposed project is required in order to protect the safety, health of the public, to fulfill the City's legal commitment to provide facilities and services, or to preserve or achieve full use of existing facilities.

b) The proposed project increases efficiency of use of existing facilities, prevents or reduces future improvement costs, or provides service to developed areas lacking full service or promotes redevelopment.

c) The proposed project represents a logical extension of facilities and services within a designated utility service area.

d) The proposed facility is required in order to maintain the adopted level of service.

Policy 4.1.2.2: Where the facilities necessary to serve a development are not available the City may enter into a development agreement where the developer will provide for their construction.

Policy 4.1.2.3: The City may adopt and amend from time to time provisions for impact fees that will be utilized in the construction of necessary infrastructure design to maintain adopted minimum levels of service.

Stormwater Management Objectives and Policies

Objective 4.1.3: To provide effective stormwater management through the expansion, maintenance and improvement (where needed) of the existing drainage system.

Policy 4.1.3.1: The City will continue to regulate development to ensure adequate on-site containment of stormwater based on the three-year, one-hour design storm event. The City will be governed by Chapter 17–25, F.A.C., and the rules and regulations of the South Florida Water Management District All projects within the City shall meet the three-year, one-hour design storm.

Policy 4.1.3.2: An inspection and maintenance program will be developed and implemented to protect the current investment in stormwater infrastructure.

Policy 4.1.3.3: Cooperation with the Florida DOT and Palm Beach County to combine stormwater systems in a cost-effective manner will continue.

Policy 4.1.3.4: The City will restudy portions of the storm sewer system that may be likely to fail due to structural or capacity problems every ten years.

Objective 4.1.4: The City shall protect and conserve wetlands and natural drainage features through preservation and other activities so that there will be no net loss of wetlands due to development or development-related activities.

Policy 4.1.4.1: Any nonresidential or residential use that applies for a building permit, site plan approval or subdivision review and involves alteration of or construction in, on or over jurisdictional wetlands shall obtain an Environmental Resource Permit (ERP) from the Florida Department of Environmental Protection/South Florida Water Management District, pursuant to requirements in Chapter 62-312.050, F.A.C., prior to City approval of the permit or development.

Policy 4.1.4.2: Any nonresidential or residential use that applies for a building permit, site plan approval or subdivision review and involves alteration of or construction in, on or over freshwater wetlands not subject to the State ERP review process shall obtain a Wetlands Alteration Permit, pursuant to the requirements of the Palm Beach County Wetlands Protection Ordinance, prior to City approval of the permit or development.

Policy 4.1.4.3: The City shall review projects within its jurisdiction which may impact wetlands and provide pertinent comments to protect wetlands during County and State permitting processes.

Policy 4.1.4.4: There shall be no net loss of wetlands.

Policy 4.1.4.5: Restoration, creation, enhancement or preservation may be permitted to compensate for wetland loss only where the proposed activity cannot be practically located in an alternative upland site.

Potable Water Supply Objectives and Polices

Objective 4.1.5: ~~**To provide for short-term and long-term potable water needs through the establishment of new wells, as required, to serve the water supply service area through the planning period**~~**.**
To plan for and assure an adequate supply of excellent quality potable water to meet the needs of all residents and non-residential establishments within the City of Lake Worth and within the City's service area during the 10 year Water Supply Plan planning horizon.

Policy 4.1.5.1: The City will continue to implement a short- and long-term schedule for establishment of new wells through the planning period as provided for in the "South Florida Water Management District's Consumptive Use Permit No. Re-Issue 50-00234-W" dated ~~January, 2006."~~October 29, 2012.

Policy 4.1.5.2: The City will continue to investigate potential sites in the service area for placement of additional production wells in order to ensure acquisition of adequate well sites to meet long term demands.

Policy 4.1.5.3: ~~South Florida Water Management District adopted the Lower East Coast (LEC) Regional Water Supply Plan in February, 2007. The City shall update this potable water sub-element to incorporate the alternative water supply projects selected by the City to meet the supply needs.~~ The City will maintain a water supply facilities work plan that is coordinated with SFWMD's *District Lower East Coast Regional Water Supply Plan and Palm Beach County by updating its own work plan within 18 months of an update SFWMD's District Lower East Coast Regional Water Supply Plan.*

Policy 4.1.5.4: By ~~December, 2008~~ March, 2015, the City shall coordinate with SFWMD and develop a 10-year work plan considering Lower East Coast (LEC) Regional Water Supply Plan. The City hereby adopts by reference the "*City of Lake Worth 2014 10-Year Water Supply Plan*", dated December 2014.(*Water Supply Plan*) ~~By December, 2008, t~~The City shall send a letter to SFWMD ~~with identified~~ which identifies projects for future water supply needs of the City. Projects must be selected from the LEC Regional Water Supply Plan or must be prior approved by SFWMD.

Policy 4.1.5.5 ~~The City shall within eighteen months of any amendment developed as an update to the Lower East Coast Water Supply Plan by the SFWMD prepare and adopt changes in its plan in order~~

~~to incorporate the modifications.~~ The City's *Water Supply Plan* will be consistent with the standards and regulations established by the SFWMD, FDEP, State and other jurisdictional agencies.

Policy 4.1.5.6 The City will coordinate with Palm Beach County, Lake Clarke Shores, and Lake Osborne Estates to ensure that the City's estimates and projections for potable water demand are incorporated into their estimates of demand.

Policy 4.1.5.7 Based upon the adopted level of service data and analysis in the City's *Water Supply Plan*, the City will review future demands to verify that there are no needs for future expansion of potable water facilities.

Policy 4.1.5.8: If new development would result in a significant increase in population beyond current projections, the City shall re-evaluate the potable water system capacity and ensure that the central water system can meet level of service standards prior to issuance of a development order.

Policy 4.1.5.9 The City shall continue to monitor groundwater supply conditions in conjunction with the SFWMD.

Policy 4.1.5.10 The City shall encourage and require, as needed, the interconnection and looping of existing and proposed segments of the potable water distribution system.

Policy 4.1.5.11 The City has determined the most cost-effective option for augmenting the potable water system with an alternative water source is through the use of the Floridan Aquifer water supply source and the construction of an RO Water Treatment. The City shall pursue cooperative efforts with SFWMD, Palm Beach County, and other local jurisdictions, in providing cost-effective alternative water supply solutions.

Policy 4.1.5.12 The City shall continue operation of the Reverse Osmosis Water Treatment Plant Project that will utilize the three existing Floridan wells, and implement a blended finish water supply of Reverse Osmosis treated water that also utilizes Lake Worth Lime Softened Surficial water. This allows the City to continue to meet ever more restrictive water standards while leaving the greatest flexibility with respect to water supply alternatives.

Objective 4.1.6: To maximize the use of water facilities within the Lake Worth Water and Sewer Service Area, ~~to discourage urban sprawl~~ the City shall maintain a service area boundary for potable water and shall discourage leapfrog development and urban sprawl.

Policy 4.1.6.1: The City's Utility Department will make its number one priority the maintenance and improvement of the existing water system through an aggressive program to replace old and /or undersized water mains.

Policy 4.1.6.2: The City will ~~aggressively~~ actively pursue the installation of new water systems to serve the County residents within its service area.

Policy 4.1.6.3: The City may provide or receive wholesale potable water service to or from other cities and Palm Beach County by written agreement.

Policy 4.1.6.4: The City shall be the provider of potable water to residents and nonresidential establishments within the City's water service area boundary except as otherwise established by written agreement.

Policy 4.1.6.5: The City shall discourage urban sprawl by maintaining a Service Area boundary, such that:

- All new developments within the City's Service Area shall connect to the City's existing centralized water supply/treatment facilities, except as otherwise established by written agreement.
- The City shall only provide service to those areas included in the City's delineated Service Area, except as otherwise established by written agreement.
- The City shall require new home construction to connect to City water service if available.
- Reconnection to private well service in lieu of City potable water is not an option once connected to City service.
- The City shall not allow disconnection from existing City potable water service, unless by written agreement.

Objective 4.1.7: To conserve potable water.

Policy 4.1.7.1: ~~The City will continue to enforce its LDRs, which encourage implementation of xeriscape practices~~.
The City shall adopt a Policy which requires the use of water-efficient landscaping in all new development and redevelopment, and require functioning rain-sensor devices on all automatic irrigation systems on new systems.

Policy 4.1.7.2: ~~The City will require all new construction and renovation to utilize water-conserving plumbing fixtures~~ The City will promote water conservation through the enforcement of the adopted Building Code which requires such items as low-volume commodes, water

flow restrictions for showers and spigots and similar devices in all new construction and renovations, and will comply with the appropriate water management district water use restrictions.

Policy 4.1.7.3: The City will provide information to prospective developers on xeriscape or water-conserving landscaping principles, including the use of highly drought-resistant plant materials, limiting the areas of turf cover to areas where functional benefits are provided, efficient irrigation systems, and the use of soil improvements and mulches to improve water holding capacity.

Policy 4.1.7.4 The City shall maximize the efficiency of public water distribution system by decreasing the unaccounted for water (UAW) and demonstrate steady progress towards meeting a 10% UAW as soon as practicable. This shall be monitored by conducting system water audits of the distribution system on an annual basis, and a comprehensive audit every 5 years to provide an effective means of identifying and reducing water and revenue losses and making better use of water resources. The City shall also develop and maintain an accurate model of the water distribution system to accurately estimate customer water usage so that it may be compared with measured consumption to determine where unaccounted losses may be occurring.

Policy 4.1.7.5 The City shall maintain a leak detection protection program, in accordance with AWWA Manual M-36, in order to discover and eliminate wasteful losses of potable water from the City's distribution system. Detecting and fixing leaks can provide one of the largest returns on investment, especially in older systems.

Policy 4.1.7.~~4~~6: ~~The City will continue to coordinate and cooperate with the South Florida Water Management District~~ The City will continue to cooperate with the South Florida Water Management District (SFWMD) in its efforts to restrict the unnecessary consumption of potable water, particularly as it relates to irrigation, lawn watering, and car washing during periods of drought, supply reduction, and other emergencies.

Policy 4.1.7.7: The City shall coordinate local water conservation education efforts with the SFWMD and the Palm Beach County School Board.

Policy 4.1.7.8 The City shall adhere to SFWMD emergency water shortage restrictions when mandated by the District.

Policy 4.1.7.9 The City shall inform residents and businesses of, and shall encourage their participation in, the County's water conservation programs. These information and educational programs shall

include the following types of efforts:

a. Establish conservation information kiosks to provide literature at City facilities. Make multilingual materials available as needed.
b. Create information banner signs to be attached to City facilities and park fences promoting water conservation.
c. Create informational links and tools to be placed on the City's website, promoting water conservation.
d. Pursuing funding through SFWMD Community Education Grant and cooperative funding programs for educational efforts such as demonstration gardens and prototype landscaping on public properties; and,
e. Inviting speakers for forums or workshops at City Hall.

Policy 4.1.7.10 The City shall promptly repair leaks found within the water distribution system as expeditiously as possible. Leaks causing property damage or affecting public safety should be fixed immediately.

Objective 4.1.8: Ensure City potable water quality meets or exceeds Federal Water Quality Standards.

Policy 4.1.8.1: The City will continue to maintain and upgrade the existing water treatment plant to provide a safe, high quality potable water supply for its customers. The impact of new federal water quality standards will be evaluated to determine necessary changes in plant process or operation.

Objective 4.1.8.1 Central System. Based upon adopted level of service standards, analysis in the City's *Water Supply Plan*, and the SFWMD's District *Lower East Coast Water Supply Plan* the City shall determine timing for upgrading the Central System (Supply and Treatment System) based on the following evaluation criteria:

Policy 4.1.8.1.1: The City's level of service for potable water supply shall be a minimum of 105 GPCD (gallons per capita per day).

Policy 4.1.8.1.2 Total capacity shall equal or exceed the Maximum Day Demand (MDD), including design fire flow demand. *Maximum Day Demand (MDD) = Total Water Consumed, divided by 365 days, x Maximum Day Peak Factor (1.5).*

Policy 4.1.8.1.3: With the largest well out of service, water supply capacity shall equal or exceed the Average Daily Demand (ADD). *Average Daily Demand (ADD) is the total water consumed during a calendar year divided by 365 days.*

Policy 4.1.8.1.4: The capacity of the water treatment system shall be equal to or greater than the Maximum Day Demand (MDD).

Policy 4.1.8.1.5 When evaluating system pump capacity, the City shall use a peak factor of 1.1 GPM per equivalent residential connection (ERC) in the calculation of the system's ability to meet the level of service standard.

Policy 4.1.8.1.6: Assuming that the largest well is out of service, the water supply capacity shall be rated at the average daily demand.

Policy 4.1.8.1.7 The City shall require that any new Surficial Aquifer wells be constructed to produce capacities of between 600 and 800 gallons per minute, and any new Floridan Aquifer wells be constructed to produce capacities of 1,500 gallons per minute.

Policy 4.1.8.1.8 The total storage tank capacity, including all storage facilities city-wide, should be at least one-half (1/2) of the average daily consumption volume.

Policy 4.1.8.1.9: The water distribution system shall provide peak flow storage for the difference between peak flow and well flow for the duration of the fire flow, with a buffer of 10%. Fire flow is the flow of water required to fight a major fire.

Policy 4.1.8.1.10: The high service pump capacity shall at least be equal to the maximum daily peak factor demand, assuming that the largest high service pump is out of service.

Policy 4.1.8.1.11: The water distribution system shall be capable of delivering the peak hour flow (without fire demand) with a minimum residual pressure of thirty (30) pounds per square inch (psi).

Policy 4.1.8.1.12: The maximum velocity through any pipe shall be 8 feet per second.

Policy 4.1.8.1.13: The auxiliary power should meet the Florida Department of Environmental Protection (FDEP) criteria of providing ½ the maximum daily flow.

Objective 4.1.8.2: Operations & Maintenance. The City will annually adopt programs and activities to maintain the central system.

Policy 4.1.8.2.1: The City will maintain its potable water treatment facilities in optimum condition by the implementation of a preventive maintenance program.

Policy 4.1.8.2.2: The City will review water fee methodology and user rates annually during the budget process to ensure adequate funding for

treatment, storage and distribution facilities.

Policy 4.1.8.2.3: The City will develop a system to review individual customer water meters to ensure proper readings of those meters.

Policy 4.1.8.2.4: The City will institute a replacement or "change out" schedule for meters in the field to ensure replacement when accuracies exceed the industry tolerance range.

Policy 4.1.8.2.5: All improvements and/or additions to potable water facilities to correct deficiencies shall be adequate to meet the adopted level of service standards, based upon data and analysis in the City's *Water Supply Plan* and the SFWMD's District *Lower East Coast Water Supply Plan*.

Policy 4.1.8.2.6 Improvements and/or additions to potable water facilities shall comply, at a minimum, with standards recognized and approved by the Florida Department of Environmental protection, specifically including the American Society of Civil Engineers and the American Water Works Association.

Objective 4.1.8.3: New Well Development. The City shall evaluate water supply sources and quality considerations when developing new wells, as well as repairing or improving the existing central potable water system.

Policy 4.1.8.3.1: The City shall maintain a five hundred (500) foot minimum spacing between wells, where practicable.

Policy 4.1.8.3.2: The City shall consider surrounding land uses when making the final selection of any well site.

Policy 4.1.8.3.3: The City shall consider well placement be a 100-foot minimum setback from sewer lines, where practicable.

Policy 4.1.8.3.4: The City shall require a 200-foot minimum setback for well placement from septic tanks.

Policy 4.1.8.3.5: The City shall conduct an investigation by a geo-hydrologist to estimate the recommended well size and depth, pumping capacity, casing length, projected aquifer drawdown, and any other site specific considerations to be utilized in the final design of new wells.

Policy 4.1.8.3.6: The City shall conduct a detailed analysis of potential well contamination sources, as necessary.

Objective 4.1.8.4: Fire Protection. Provide adequate delivery and distribution of

potable water to meet fire protection demand within the City of Lake Worth and the City's service area.

Policy 4.1.8.4.1: The City shall monitor, evaluate, repair and replace the existing water delivery and distribution system to ensure the system can deliver the needed gallon per minute flows to meet fire protection demands.

Policy 4.1.8.4.2: The City shall maintain an active water system and fire hydrant mapping and numbering program.

Policy 4.1.8.4.3: The City shall extend water distribution mains to areas within the City's service area and provide adequate fire protection service to residents and non-residential establishments located within the service area provided the residents/developers participate in the costs.

Policy 4.1.8.4.4: Fire flow levels of service shall meet PBC Fire Department Standard Requirements and be based upon delivery pressures of twenty (20) psi residual and minimum fire flows of 1,000 GPM for residential and 1,500 GPM for non-residential and multi-family developments.

Sanitary Sewer Objectives and Policies

Objective 4.1.9: To provide for effective sanitary sewer service through continued maintenance of local system components, timely purchase of additional regional plant capacity, and continued cooperation in delivery of subregional service.

Policy 4.1.9.1: The City will continue its joint efforts with Palm Beach County and the regional plant to develop sufficient plant capacity to serve the Lake Worth service area.

Policy 4.1.9.2: The City will develop a short- and long-term schedule for purchase of additional regional plant capacity through the planning period. The schedule will be periodically updated to reflect the most recent needs assessments.

Policy 4.1.9.3: The City will continue to require all future developments and all developments for which development orders have been issued but where work has not begun, to meet the level of service standard adopted herein for sewage facilities.

Policy 4.1.9.4: The City will continue to coordinate facility needs and capacity with future needs and the development pattern.

Policy 4.1.9.5: The City will aggressively pursue to minimize groundwater infiltration and direct storm water inflow into the sanitary sewer system through a program to identify and correct problem areas within the local sewer collection system.

Solid Waste Management Objectives and Policies

Objective 4.1.10: To provide for effective solid waste management through maintenance of local service components and timely purchase of additional regional plant capacity as required to serve the City through the planning period.

Policy 4.1.10.1: The City will continue to implement plans for effective and appropriate re-use of the existing City landfill site.

Policy 4.1.10.2: The City will continue to coordinate with the Palm Beach County Solid Waste Management Plan to ensure adequate regional landfill capacity for future disposal of oversized or special waste materials.

Policy 4.1.10.3: The City will coordinate with the Palm Beach County Solid Waste Authority's (SWA) STOP program to provide hazardous waste collection points accessible to the City.

Objective 4.1.11: To encourage recycling within the City.

Policy 4.1.11.1: The City will continue to coordinate with the Solid Waste Authority in the operation of its recycling program.

Policy 4.1.11.2: The City will continue citywide efforts under the leadership and direction of the SWA.

Policy 4.1.11.3: The City will make available information and brochures on the recycling program.

Policy 4.1.11.4: The City will inform residents about the recycling program such as posting information at conspicuous locations such as the City website, electronic sign boards, and mailers in water and electric bills.

Natural Groundwater Recharge Objectives and Policies

Objective 4.1.12: To provide for protection of natural groundwater aquifer recharge areas through land use regulation, monitoring of existing water wells, and appropriate siting of new water wells during the planning period.

Policy 4.1.12.1: The City will continue to investigate the potential adverse effects of existing public land uses on groundwater sources in the existing

eastern wellfield. If necessary, the City will undertake special studies to determine the need for and feasibility of relocating any public land uses from the vicinity of the eastern wellfield.

Policy 4.1.12.2: The City will continue to monitor and regulate development and redevelopment in zones of influence surrounding water wellfields in order to prevent contamination of groundwater sources from commercial or industrial land uses.

Policy 4.1.12.3: Siting of new wells and wellfields will be conducted in conformance with the Palm Beach County Wellfield Protection Ordinance.

Policy 4.1.12.4: Any nonresidential use or residential use greater than 25 units that applies for a site plan, building permit or occupational license in a wellfield protection zone of influence and intends to handle, store or produce a regulated substance shall obtain an operating permit or exemption certificate from the County Department of Environmental Resources Management prior to City approval of the development, permit or license.

V. COASTAL MANAGEMENT ELEMENT

Goal 5.1: **To plan for and, where appropriate, restrict development which would damage or destroy the natural or historic resources of the coastal area.**

Objective 5.1.1: **To protect, conserve or enhance the remaining wetlands of the coastal area.**

Policy 5.1.1.1: The City will comply with permitting and enforcement powers of the U.S. Army Corps of Engineers, SFWMD, Palm Beach County and other appropriate agencies to protect the remaining marine, estuarine and riverine wetlands of the coastal area from dredge and fill activities associated with development through standards that meet or exceed existing federal, state and county regulation of these activities.

Policy 5.1.1.2: The City will comply with permitting and enforcement powers of the U.S. Army Corps of Engineers, SFWMD, Palm Beach County and other appropriate agencies to require that future disruptions or degradations of wetlands be accompanied by mitigation measures to ensure no net loss in wetland acreage.

Policy 5.1.1.3: The City will comply with permitting and enforcement powers of the U.S. Army Corps of Engineers, SFWMD, Palm Beach County and other appropriate agencies to protect, conserve, and enhance coastal wetlands, living marine resources, coastal barriers and wildlife habitats.

Policy 5.1.1.4: The City will ensure that any new regulation to protect water resources is consistent with SFWMD's environmental resource permitting and consumptive permitting use permitting rules.

Objective 5.1.2: **To protect, conserve and enhance living marine resources and wildlife habitats of the coastal area.**

Policy 5.1.2.1: Beach nourishment and/or renourishment projects will ensure, through environmental impact studies, that utilization of selected offshore sand sources and operations for transfer or placement of beach fill material will not damage or destroy offshore and near shore reef marine habitats.

Policy 5.1.2.2: Improvement to the Lake Worth Municipal Beach and Casino Complex will be implemented in a manner that does not further damage or destroy coastal resources and beach wildlife habitats.

Policy 5.1.2.3: The City will limit beach nourishment and/or renourishment in a manner which protects sea turtle nesting areas by limiting construction in such areas to the winter and spring seasons, or by collecting, incubating and hatching the eggs, and releasing the hatchlings.

Policy 5.1.2.4: The City will continue to enforce LDRs which regulate beach activities, including recreation, beach cleaning and lighting of beach structures in a manner that protects sea turtle nesting areas from disturbance.

Objective 5.1.3: To protect, conserve or enhance estuarine habitats.

Policy 5.1.3.1: Estuarine fauna, including the manatee, shall be protected from damage or destruction by establishment of boating speed limits in any designated manatee sanctuaries, waters four feet deep or less, and in waters containing seagrass beds.

Policy 5.1.3.2: The City's will continue to enforce LDRs which restrict the use of pesticides and fertilizers that could contaminate the waters of the lagoon and adversely impact estuarine habitats.

Policy 5.1.3.3: The City will cooperate with existing and future resource protection plans, such as resource planning and management plans, aquatic preserve management plans, and estuarine sanctuary plans developed for the Lake Worth lagoon.

Policy 5.1.3.4: The City will continue to implement management practices which reduce discharge of pollutants into the Lake Worth lagoon and into Lake Osborne. Such practices shall guide city operations and shall include at a minimum 1) the regular cleaning of all streets which contribute their storm water to the City's system, 2) regular catch basin cleaning to prevent debris from being swept into the lakes, 3) utilize environmentally safe pesticides and fertilizers on the golf course and on City parks and open spaces.

Objective 5.1.4: To maintain or improve estuarine environmental quality.

Policy 5.1.4.1: The water quality of the Lake Worth Lagoon shall be maintained in its current designation as "Good", through cooperation between the City of Lake Worth and other municipalities and local governments having jurisdiction over the lagoon and its shores.

Policy 5.1.4.2: The City shall continue to enforce LDRs which prohibit new point sources of pollution from discharging directly into the Lake Worth

lagoon or Lake Osborne or from discharging into canals leading to the lagoon or lake.

Policy 5.1.4.3: The City of Lake Worth will cooperate with other agencies' efforts to reduce siltation deposits in the West Palm Beach (C-51) Canal.

Policy 5.1.4.4: The City shall prohibit dredging at the mouth of the canal unless adequate safeguards are provided to prevent release of sediment contaminants. Contaminated dredge material should be disposed of at safe upland sites.

Policy 5.1.4.5: The City's will continue to enforce LDRs which restrict the use of pesticides and fertilizers that pollute water in the coastal area and in areas of the City east of "A" Street that naturally drain into the lagoon.

Policy 5.1.4.6: Future development on any unfortified areas of the Lake Worth shoreline that lack wetland vegetation will be planted with native vegetation in order to stabilize the shoreline, limit stormwater run-off and soil erosion, and trap sediments and other nonpoint source pollutants where feasible and appropriate. Hardening of the shoreline, in the event plantings fail to achieve the purpose, will be by sloping structures of rip-rap or pervious materials combined with vegetation instead of bulkheads or seawalls.

Policy 5.1.4.7: Development in the coastal area will be designed to accommodate stormwater on-site in accordance with Chapter 17–25, F.A.C.

Policy 5.1.4.8: The City's Master Drainage Plan will be implemented through the City's LDRs and updated as improvements are made in the system.

Policy 5.1.4.9: The City will continue to enforce LDRs which prohibit dumping of debris of any kind into stormwater control structures in order to reduce nonpoint source pollutant loadings, and improve the City's drainage system.

Policy 5.1.4.10: Marinas and other multi-slip docking facilities will utilize docks extending out to water no less than four feet deep at mean low tide; dredging for such facilities will be restricted to limited channels for launching boats.

Policy 5.1.4.11: The City's Comprehensive Plan, should prohibit structures that impede circulation patterns in the lagoon unless permitted by federal, state or county agencies.

Objective 5.1.5: **To protect the natural functions of the coastal barrier and protect and enhance the ocean beaches and dunes.**

Policy 5.1.5.1: Improvements to the Lake Worth Municipal Beach and Casino Complex will be implemented in a manner that protects the natural functions of the coastal barrier, including nourished or renourished beaches, dunes, or berms.

Policy 5.1.5.2: Improvements to the Municipal Beach and Casino Complex will be implemented so as to preserve any existing dune vegetation.

Policy 5.1.5.3: The City will continue to enforce LDRS which prohibit removal of natural existing dune vegetation.

Policy 5.1.5.4: The City will continue to prohibit vehicular traffic on the beach and in primary dunes.

Policy 5.1.5.5: The City will continue to ensure that no alteration should be made to the existing ocean pier that would disrupt the natural littoral drift of sand along the shore.

Policy 5.1.5.6: The City shall prohibit erection of artificial coastal or shore protection structures such as groins or jetties that would disrupt the natural littoral drift of sand along the shore.

Policy 5.1.5.7: The City will continue to coordinate with permitting agencies regarding construction, including erection of new sea walls, east of the Palm Beach County Coastal Construction Control Line. Replacement of damaged sea walls east of the setback line shall be undertaken only to advance a recognized public purpose.

Objective 5.1.6: **To provide for the protection, preservation or sensitive reuse of historic resources in the coastal area.**

Policy 5.1.6.1: The City will continue to support protection, preservation or sensitive reuse of designated historic sites listed on the National Register or Florida Site File.

Policy 5.1.6.2: The redevelopment of the designated redevelopment area will be planned and undertaken so as to protect, preserve or sensitively reuse any designated historic site within its boundaries. Redevelopment should proceed in accordance with adopted regulations for historic preservation.

Policy 5.1.6.3: The City will continue to pursue designation of identified sites or districts of historic, cultural or archaeological significance in the coastal area that may be eligible for listing on the National Register or Florida Site File.

Policy 5.1.6.4: The City will continue to pursue designation of sites or districts in the coastal area that may be eligible for local designation as significant contributors to the aesthetic or architectural character of the community.

Policy 5.1.6.5: The City will continue to enforce regulations to provide as far as possible, for preservation, mitigation or excavation of known archaeological resources in the coastal area listed on the National Register or Florida Site File when threatened by development.

Policy 5.1.6.6: The City will continue to enforce regulations to provide as far as possible for preservation intact, mitigation or excavation of archaeological resources in the coastal area discovered during ground-disturbing activities undertaken by private or public entities.

Policy 5.1.6.7: The City will support variances from site development regulations in order to accommodate the preservation of historic or archaeological sites within proposed developments in the coastal area. Such sites may be incorporated into required setbacks, buffers or open spaces.

Policy 5.1.6.8: The City may accept donations of historic or archaeological sites in the coastal area.

Goal 5.2: To provide adequate physical public access facilities to the beaches and shores of the coastal area.

Objective 5.2.1: To provide criteria or standards for prioritizing shoreline uses, giving priority to water-dependent public access facilities.

Policy 5.2.1.1: Priority should be given for development of water-dependent and water-related land uses in accordance with the following ranking:

1. Public use marinas;
2. Other water-oriented recreation; and
3. High density residential with marinas or other water-oriented recreation uses.

In order to encourage the preferred uses, land development regulations shall permit public use marinas. Such marinas may be exempted from Policy 5.1.4.6 ~~05.01.04.06~~. In any case, stormwater must be retained on-site and treated prior to discharge, and vertical seawalls and bulkheads should be limited to the minimum necessary to conduct the water-dependent function.

Policy 5.2.1.2: Water-related uses will be built on uplands and dredging of open waters or wetlands will be discouraged.

Policy 5.2.1.3: New marinas and multi-slip docking facilities should conform to the following performance and development standards in addition to those required by the Department of Environmental Protection and other State and Federal regulatory agencies. The City's land development regulations shall be amended to codify the following policies into ordinance:

1. Public use marinas are permitted only in areas designated on the Future Land Use Map and zoned for public use.

2. Marinas and multi-slip docking facilities will provide vehicular parking and sewage pumpout facilities.

3. All parking and non-water-dependent facilities shall be built on upland areas.

4. Marinas and multi-slip docking facilities shall provide hurricane evacuation plans indicating measures to be taken to minimize damage to marina sites, adjacent properties, and the environment.

5. Use of dry storage is prohibited to minimize adverse aesthetic impacts on upland land uses.

6. Fueling facilities for marinas shall be designed to contain spills from on-land equipment and spills in the water.

7. Marina operators are required to provide information programs on the habits of manatees and information on programs to protect manatees.

8. Idle speed only shall be allowed in the vicinity of marinas to further protect the manatee and to provide for boating safety.

9. An environmental impact analysis shall be conducted to determine the potential impacts of the marina on natural conditions, including but not limited to 1) sea grass beds, 2) manatee habitats, 3) tidal flushing and 4) pollution from upland activities such as parking lots.

Objective 5.2.2: To maintain the amount of physical public access to beaches and shores consistent with estimated public need.

Policy 5.2.2.1: Existing facilities for public access to beaches and shores shall be maintained or replaced by new development so as to ensure no net loss.

Policy 5.2.2.2: The City will continue to enforce LDRs which ensure that existing public access to beaches be maintained by new development or redevelopment.

Policy 5.2.2.3: It is the policy of the City to accept donations of shoreline properties suitable for use as public access facilities.

Policy 5.2.2.4: The only beach access point in the City is public land. It is the City's policy to maintain that access.

Objective 5.2.3: To establish level of service standards and phasing of infrastructure improvements in the coastal area.

Policy 5.2.3.1: The level of service standards adopted elsewhere in this Comprehensive Plan for facilities in the coastal area shall be applied to all applications for development approval within the coastal area.

Policy 5.2.3.2: Developments in the coastal area that will impact existing facilities by reducing the level of service below adopted levels and which are to be constructed prior to the availability of scheduled improvements, shall pay for such impacts or provide their own facilities constructed to City specifications. Infrastructure shall be available at the time of impact of development.

Policy 5.2.3.3: New or improved roads in the coastal area shall include appropriate design features, such as turn lanes, parking lanes or other paved areas, that may be used to increase the number of moving lanes for hurricane evacuation.

Policy 5.2.3.4: Beach nourishment and/or renourishment projects shall meet the following level of service standards:

1. Beach fill material shall include a protective berm at least ten feet high, in order to prevent flooding during a ten-year storm event; and

2. Beach nourishment or renourishment projects shall have a design life of at least five years.

3. Sand used for the purpose of renourishment shall be of the same granular size, composition and color as existing beach.

Policy 5.2.3.5: The City will enforce the Coastal Construction Line to ensure that beachfront development or redevelopment not reduce the level of service provided by a renourished beach.

Policy 5.2.3.6: The City recognizes that the beach renourishment process is a multi-jurisdictional issue. At such time that an agency is created to address this issue the City shall cooperate. The City should consider appropriate means of funding, such as user fees, should beach renourishment be necessary.

Goal 5.3: To protect human life and limit public expenditures subsidizing private development in areas subject to destruction by natural disaster.

Objective 5.3.1: To maintain or reduce hurricane evacuation times.

Policy 5.3.1.1: Deficiencies in the city's local hurricane evacuation plan will be identified and remedied.

Policy 5.3.1.2: In order to avoid unnecessary evacuation of populations not at risk and thus causing traffic congestion and crowding of shelters, the City shall cooperate with public information efforts of Palm Beach County to undertake, prior to hurricane season, notification of the public of the need to evacuate at various threat levels.

Policy 5.3.1.3: New or replacement bridges spanning the Intracoastal Waterway should not be draw bridges.

Policy 5.3.1.4: The City will coordinate with Palm Beach County Emergency Management personnel to ensure that required traffic control points along the city's evacuation routes are properly manned during evacuation.

Policy 5.3.1.5: The City recognizes the problem of flooding at the west ramp of the Lake Worth bridge during hurricane storm events and the area has been appropriately marked. The FDOT has been informed of the problem and it is their responsibility to ensure that all future improvements to roadways along evacuation routes include remedies for any existing flooding problems.

Policy 5.3.1.6: The City will continue to cooperate with the Palm Beach County evacuation plan. Specific procedures for integration into the county and regional evacuation plans should be adopted.

Objective 5.3.2: To direct population concentrations away from known or predicted coastal high hazard areas.

Policy 5.3.2.1: The coastal high hazard area is the area below the elevation of the category 1 storm surge line as established by a Sea, Lake, and Overland Surges from Hurricanes (SLOSH) computerized storm surge model.

Policy 5.3.2.2: The coastal high hazard area shall be designated on the Future Land Use Map and be predominantly zoned for use as public recreation and open space.

Objective 5.3.3: To limit public expenditures that subsidize development permitted in coastal high hazard areas, except for restoration or enhancement of natural resources.

Policy 5.3.3.1: City-funded public facilities shall not be built in the coastal high hazard area, except for purposes of public access, enhancement of water-related activities, or resource restoration.

Policy 5.3.3.2: The Palm Beach County Comprehensive Emergency Management Plan and the Post-Disaster Redevelopment Plan shall be reviewed in order to prepare revisions to land development regulations, practices and policies to reduce exposure to natural hazards.

Policy 5.3.3.3: The City's LDRs will be reviewed and modified as necessary to provide general hazard mitigation.

Objective 5.3.4: To prepare post-disaster redevelopment plans that will reduce or eliminate the exposure of human life and public and private property to natural hazards.

Policy 5.3.4.1: The City will provide immediate response to post-hurricane situations.

Policy 5.3.4.2: The City's emergency operations plan will continue to outline specific steps to be taken to institute post-disaster recovery operations.

Policy 5.3.4.3: After a hurricane, but prior to reentry of evacuees into any damaged areas, the City Commission will meet to hear reports of damage and appoint a Recovery Task Force to conduct post-disaster recovery operations, including the following:

1. Review of emergency building permits;

2. Coordination with higher government officials to prepare disaster assistance applications; and

3. To coordinate local activities with the countywide Post-Disaster Redevelopment Plan and recommend to the City Commission on hazard mitigation options, including relocation or reconstruction in place of damaged public facilities.

4. Redevelopment activities will be conducted consistent with the Comprehensive Plan (including the Future Land Use Element) and the LDR's. If structures sustain damage greater than 50% of value, reconstruction shall comply with state and federal regulations relating to base flood elevations.

Policy 5.3.4.4: Structures suffering damage in excess of 50 percent of their appraised value shall be rebuilt or repaired in accordance with Florida Building Codes.

Policy 5.3.4.5: The City shall strive to maintain an undesignated fund balance equal to 10% of the general fund budget which can be used as an emergency contingency fund to cover requirements for local government matching funds for disaster assistance grants.

Policy 5.3.4.6: Post disaster redevelopment shall conform to all of the recent increases in construction standards and required in the Florida Building Code.

Goal 5.4: To coordinate and cooperate with other local governments in coastal resource protection and

management efforts.

Objective 5.4.1: **To continue to participate in the Beaches and Shores Council, a formal intergovernmental coordination mechanism for area wide conservation of coastal resources.**

Policy 5.4.1.1**:** The City will continue to support joint coastal management programs with adjacent municipalities and with Palm Beach County in the areas of beach renourishment and public access, hurricane evacuation, infrastructure improvements, and stormwater and wastewater management.

Policy 5.4.1.2: The City will review the comprehensive plans of adjacent municipalities and Palm Beach County to determine whether or not coastal resources are being managed in a consistent manner.

Policy 5.4.1.3: The City will cooperate with other governments and agencies to protect estuaries. The City will cooperate with the Department of Environmental Protection and other State and Federal agencies

VI. CONSERVATION ELEMENT

Goal 6.1: **To conserve, protect, and appropriately manage the natural resources of the City of Lake Worth to ensure the highest environmental quality possible.**

Objective 6.1.1: **To continue to support programs which enable local air quality to continue to meet or exceed minimum standards established by the Florida Department of Environmental Protection (DEP.)**

Policy 6.1.1.1: The City will continue to cooperate in local air quality monitoring efforts via the Palm Beach County Public Health Unit.

Policy 6.1.1.2: The City will allow industrial land uses to be permitted only when they utilize adequate emission controls to minimize the impact on current air quality standards. The City will rely on DEP to enforce these regulations.

Policy 6.1.1.3: The City will continue to enforce LDRs which mitigate air quality problems by: eliminating open burning; encouraging mixed uses within the CRA to limit the number of vehicle trips; making provisions for planting broad canopy trees; and encouraging mass transit.

Policy 6.1.1.4: The City shall provide density, height and development incentives for buildings and developments that are LEED certified as per US Green Building Council and/or Florida Green Building Coalition.

Policy 6.1.1.5 The City shall continue to promote a non-gasoline powered demonstration program that utilizes "alternative fuels" to operate fleet vehicles. Maintaining acceptable levels of air quality preserving natural resources, saving money through lower fuel costs and less maintenance, and reducing reliance on foreign oil imports are the main objectives of the program. The City's participation will involve performing vehicle conversions, assisting in the establishment of a refueling station, vehicle maintenance record keeping "technology transfer" with either interested public or private fleet operators. Participation will be contingent on the availability of a dedicated funding source approved by the City Commission. The City's Public Services Department will be primarily responsible for this program.

Policy 6.1.1.6 The City shall continue to enforce the land development regulations

that require a minimum of 50 (50) percent of all required trees to be native vegetation and twenty-five (25) percent of all other required plants to be native vegetation species to satisfy landscaping requirements as a condition of development or permit approval.

Objective 6.1.2: **To continue to support programs which enable local water quality to meet or exceed the minimum standards for surface waters established by the Florida Department of Environmental Protection.**

Policy 6.1.2.1: The City will cooperate with the efforts of the Florida Department of Environmental Protection to monitor the quality of surface waters and the elimination of hazardous wastes.

Policy 6.1.2.2: The City will regularly sweep streets to remove debris to minimize the effect of storm water runoff.

Policy 6.1.2.3: The City will continue to enforce local ordinances that prohibit the use of pesticides and fertilizers which pollute water in any of its municipal parks located adjacent to water ways.

Policy 6.1.2.4: The City will continue to ensure that the natural functions of existing rivers, bays, lakes, floodplains, wetlands (including estuaries), freshwater beaches and shores, and marine habitats are protected and conserved from incompatible development.

Objective 6.1.3: **To continue to meet or exceed the minimum quality of groundwater resources established by the Florida Department of Environmental Protection.**

Policy 6.1.3.1: The City will continue to cooperate with the Florida Department of Environmental Protection in its efforts to monitor groundwater quality and levels.

Policy 6.1.3.2: The City will adopt incentives to encourage the provision of open space areas within future developed areas.

Policy 6.1.3.3: The City will cooperate with the efforts of the Florida Departments of Environmental Protection to monitor hazardous wastes.

Policy 6.1.3.4: The City will coordinate with Palm Beach County in the development and implementation of an emergency response plan to handle accidents involving hazardous wastes.

Policy 6.1.3.5: The City shall require the collection and safe disposal of hazardous wastes.

Policy 6.1.3.6: The City will be aware of, and be prepared to implement, emergency water conservation measures in accordance with South Florida Water Management District plans, should the need arise.

Policy 6.1.3.7: ~~The City will study water usage and recommendations for reduction of use for irrigation purposes and enforce the SFWMD Model Water Conservation Ordinance.~~ The City shall adopt an ordinance which requires the use of water-efficient landscaping in all new development and redevelopment, and require functioning rain-sensor devices on all automatic irrigation systems on new systems.

Policy 6.1.3.8: ~~The City will require as a condition of any building permit that the irrigation plan be reviewed for the conservation of water.~~ The City will continue to cooperate with the South Florida Water Management District (SFWMD) in its efforts to restrict the unnecessary consumption of potable water, particularly as it relates to irrigation, lawn watering, and car washing during periods of drought, supply reduction, and other emergencies.

Policy 6.1.3.9: ~~The City will require all new construction and renovation to utilize water conserving plumbing fixtures.~~ The City will promote water conservation through the enforcement of the adopted Florida Building Code which requires such items as low-volume commodes, water flow restrictions for showers and spigots and similar devices in all new construction and renovations, and will comply with the appropriate water management district water use restrictions.

Policy 6.1.3:10: The City will provide information to prospective developers on ~~xeriscape or~~ water-conserving landscaping principles, including the use of highly drought-resistant plant materials, limiting the areas of turf cover to areas where functional benefits are provided, efficient irrigation systems, and the use of soil improvements and mulches to improve water holding capacity. ~~A copy of the SFWMD Model Xeriscape Landscape Code will be maintained on file at City Hall for this purpose.~~

Policy 6.1.3.11: The City will coordinate and cooperate with the South Florida Water Management District and shall consider regional water supply plan to develop a 10-year work plan to build the identified water supply facilities, by ~~December, 2008~~ March 2015.

Policy 6.1.3.12: ~~The City will encourage on-site water retention as a means of~~

~~replenishing the aquifer.~~ The City shall coordinate local water conservation education efforts with the SFWMD and the Palm Beach County School Board.

Policy 6.1.3.13: The City shall adhere to SFWMD emergency water shortage restrictions when mandated by the District.

Policy 6.1.3.14: The City shall inform residents and businesses of, and shall encourage their participation in, the County's water conservation programs. These informational and educational programs shall include the following types of efforts:

a. Brochures and signage to be made available at City Hall;
b. Pursuing funding through SFWMD Community Education Grant and cooperative funding programs for educational efforts such as demonstration gardens and prototype landscaping on public properties; and,
c. Inviting speakers for forums or workshops at City Hall.

Objective 6.1.4: To protect all ecological communities and wildlife in the City.

Policy 6.1.4.1: The City will coordinate with adjacent governments to protect identified ecological communities and wildlife.

Policy 6.1.4.2: The City will assist in the application of, and compliance with, all state and federal regulations which pertain to endangered and threatened species. The City Police Department and/or the Palm Beach County Sheriff's Office will endeavor to enforce all State and Federal regulations which it knows to be violated within the City.

Policy 6.1.4.3: The City will continue to delegate permitting authority and enforcement for wetlands, sensitive lands and coastal protection to Palm Beach County, to be administered through the County's Department of Environmental Resources Management. Adjacent upland uses will not be permitted to degrade wetlands.

Policy 6.1.4.4: The City will continue to enforce efforts to remove all exotic pest species suach as [Casuarina Equisetifolia (Australian Pine); Casuarina Cunninghamiana (Australian Pine); Schinus Terebinthifolius (Brazilian Pepper); and Melaleuca leucadendra (Melaleuca)]. It is the City's policy to enforce this policy over the planning period.

Objective 6.1.5 The City shall establish policies that will reduce the carbon footprint.

Policy 6.1.5.1 The City shall establish a Climate Control Board that will be tasked to identify specific policies and strategies to guide energy efficiency accounting for existing and future electric power generation and transmission systems and that reduce greenhouse gas emissions with the following goals for Public Facilities:

Electrical Usage Reduction:
1. Benchmark electrical usage to reduce global warming pollution as established by the Kyoto protocol.
2. Change out incandescent light bulbs for compact fluorescent light bulbs in City facilities.
3. Evaluate temperature setting in City buildings and implement the changeover to programmable thermostats.
4. Install occupancy sensors/timers and motion detectors at appropriate locations in City buildings.
5. Inventory the age, size and efficiency of existing air conditioning units in City facilities. When replacement is necessary, opt for an Energy start rated unit.
6. Install solar film on windows of City buildings and attic insulation to reduce A/C energy.

Fuel Usage Reduction:
1. Benchmark City fuel usage in order to assist in meeting the goal of City Resolution.
2. Implement fuel conservation through an anti-idling policy for City vehicles and the purchase of hybrid and alternative energy vehicles.
3. Implement the use of biodiesel and other alternative fuel options within the City.

Conservation of Resources:
1. Landscaping and planting of trees to offset CO2 emissions.
2. Develop and implement a City water conservation plan to minimize water usage.
3. Increase trash reduction and recycling.

Energy Conservation Education:
1. Initiate and implement an Education/Awareness of Energy Conservation program.

Create New Ordinances and Modify City Policies:
1. Establish and enforce a recycling ordinance for public events.
2. Modify City policies to incorporate: energy saving measures, green building codes, photovoltaic systems, energy-efficient power plants, and green-wise transportation.

Policy 6.1.5.2 The City shall establish a Climate Control Board that will be tasked to identify specific policies and strategies to guide energy efficiency accounting for existing and future electric power generation and transmission systems and that reduce greenhouse generation and transmission systems and that reduce greenhouse gas emissions by developing educational material for distribution that includes energy conservation tips and suggestions with area topics such as:

1. Electrical usage reduction.
2. Fuel usage reduction.
3. Conservation of resources.

VII. RECREATION AND OPEN SPACE ELEMENT

Goal 7.1: **To provide for current and future demands for active and passive recreation activities, through the use of both public and private resources.**

Objective 7.1.1: **To maintain the current system and quality of parks and recreation facilities, in order to meet the needs of the population.**

Policy 7.1.1.1: The City will preserve and maintain existing parks and recreation facilities through the use of adequate operating budgets and proper management techniques.

Policy 7.1.1.2: It is the City's policy to ensure that plans for improvements to the municipal beach area be implemented, with the costs being borne primarily by the users.

Policy 7.1.1.3: High quality maintenance of the Municipal Golf Course should be continued, and as funds are available, the facilities should be evaluated and replaced if necessary.

Policy 7.1.1.4: The City adopts an LOS standard of 2.5 acres of neighborhood and community parks for every 1,000 persons to be developed in conjunction with all residential development and by reference the Table of Service of Level of Service Standards for Recreational Facilities (Table 7.2, Data and Analysis Support Documents).

Policy 7.1.1.5 Where the facilities necessary to serve a development are not available the City may enter into a development agreement where the developer will provide for their construction.

Policy 7.1.1.6: The City may adopt and amend from time to time provisions for impact fees that will be utilized in the construction of necessary infrastructure design to maintain adopted minimum levels of service.

Objective 7.1.2: **To continue to implement the Concurrency Management Ordinance to allow no net loss in recreational level of service through development or redevelopment.**

Policy 7.1.2.1: The City will investigate the concept of privatization as it applies to recreation programs and facilities.

Policy 7.1.2.2: The City will adopt incentives for developers to provide additional recreation facilities in any future developments.

Policy 7.1.2.3: The concurrency management system shall ensure that any park and recreation facility needed to serve new development be in place or under actual construction no later than three years after issuance of a building permit. In order to provide for this, any land needed for such park and recreation facilities must be acquired prior to issuance of a certificate of occupancy, unless the developer has committed, and the City approved, funds in the developer's fair share for the facilities prior to the issuance by the City of a building permit for the new development. The methodology for determining the developer's fair share contribution for park and recreation facilities shall be included in the City's land development code.

Objective 7.1.3: To assure that all public recreation facilities have operational automobile and pedestrian access facilities.

Policy 7.1.3.1: All recreation users, including the handicapped, shall have access to park facilities.

Policy 7.1.3.2: The City shall comply with Chapter 553 Florida Statutes and the Accessibility Requirement Manual of the Department of Community Affairs to ensure that neighborhood park facilities provide accessways for pedestrians and the handicapped where feasible.

Policy 7.1.3.3: Public parks and facilities will be designed and constructed with accessways which are compatible with the character and quality of natural resources found on-site.

VIII. INTERGOVERNMENTAL COORDINATION ELEMENT

Goal 8.1: **To extend the best cooperative efforts of all City agencies to neighboring municipalities, Palm Beach County, the Treasure Coast Regional Planning Council, local government services, special districts and all state agencies, toward the general purpose of effective operation in government.**

Objective 8.1.1: **To establish a means of coordinating comprehensive plan goals, objectives and policies of other units of local government within the area of concern.**

Policy 8.1.1.1: The City will review the proposed plan goals, objectives and policies of adjacent municipalities and of Palm Beach County, to address areas of potential conflict.

Policy 8.1.1.2: The City will cooperate through the IPARC coordination mechanism for the sharing of its comprehensive plan goals, objectives and policies within the area of concern to reveal possible areas of disagreement.

Policy 8.1.1.3: The City will coordinate management of all embayments or estuaries that fall under the jurisdiction of more than one local government, to preserve the quality of the coastal area.

Policy 8.1.1.4: The City will coordinate and cooperate with the South Florida Water Management District.

Policy 8.1.1.5: ~~By December, 2008, the City shall develop a 10-year work plan considering the South Florida Water Management District regional water supply plan.~~ The City will maintain a water supply facilities work plan that is coordinated with SFWMD's *District's Lower East Coast Regional Water Supply Plan* and Palm Beach County by updating its own work plan within 18 months of an update to SFWMD's *District's Lower East Coast Regional Water Supply Plan* that affect the City.

Policy 8.1.1.6 When preparing the annual update of the Capital Improvement Element, the City shall consult with the South Florida Water Management District to ensure coordination and consistency between the regional water supply plan and the City's water supply capital improvement projects.

Policy 8.1.1.7: The City will participate in the development of updates to SFWMD's Water Supply assessment and *District's Lower East Coast Water Supply Plan* and in other water supply development related initiatives facilitated by the SFWMD that affects the City and its service area.

Policy 8.1.1.8: Prior to approving a building permit or its functional equivalent, the City shall consult with its Utility Department to determine whether adequate water supplies to serve new development will be in place and available no later than the anticipated date of the Certificate of Occupancy (CO) or its functional equivalent.

Policy 8.1.1.9: The City will coordinate with Palm Beach County, the Town of Lake Clarke Shores, Lake Osborne Estates, and the SFWMD to ensure that the City's estimates and projections for potable water demand are incorporated into their estimates of demand. In addition, the City will:

a. Continue to maintain relationships with the SFWMD, Palm Beach County, the Town of Lake Clarke Shores, and Lake Osborne Estates to maintain or reduce potable water consumption through education, conservation, and participation in ongoing programs of the region, county and local jurisdictions including coordinating local conservation education efforts with the SFWMD and Palm Beach County programs.
b. Continue to coordinate, as appropriate, with the Town of Lake Clarke Shores, Palm Beach County, Lake Osborne Estates and SFWMD regarding water supply issues. The coordination efforts will include, but not be limited to: sharing of information regarding water supply needs, implementing alternative water supply projects (including reuse and other conservation measures), and establishing level of service standards.

Policy 8.1.1.10: The City shall pursue cooperative efforts with SFWMD, Palm Beach County, and other local jurisdictions, in providing cost-effective options for augmenting the current potable water system with alternative water sources.

Objective 8.1.2: **To coordinate the Comprehensive Plan with the plans of school boards, and other units of local government providing services.**

Policy 8.1.2.1: The City will utilize the auspices of the IPARC to coordinate its Comprehensive Plan with other local governments and school boards.

Policy 8.1.2.2: A nonvoting representative of the district school board shall be required to review comprehensive plan amendments and rezonings.

Policy 8.1.2.3 The City shall coordinate with Palm Beach County School District, the County and other parties to the adopted Interlocal Agreement for Public School Facility Planning to establish any amendments affecting public school concurrency.

Objective 8.1.3: **To provide for coordination mechanisms which would resolve annexation issues and conflicting impacts of development within the area of concern.**

Policy 8.1.3.1: The City will issue policy statements to all adjacent local governments within the area of concern, indicating the relationships of proposed development to the comprehensive plans of adjacent governments.

Policy 8.1.3.2: The City will meet with adjacent local governments within the area of concern to discuss future annexation plans, in an effort to avoid future conflict.

Policy 8.1.3.3: The City will attempt to resolve conflicts regarding impacts of development through the Treasure Coast Regional Council's informal mediation process, if direct communications are not successful.

Objective 8.1.4: **To ensure that the City coordinates level of service standards regarding state, county or regional public facilities within City boundaries.**

Policy 8.1.4.1: The City will meet with local governments within the area of concern and, communicating with applicable state agencies to coordinate level of service standards for shared or adjoining facilities, to determine how to deal with differences in level of service standards for these public facilities.

Objective 8.1.5: **The City shall participate in intergovernmental coordination processes to ensure full consideration is given to the impacts of proposed comprehensive plan amendments and future developments on the ability of Lake Worth and adjacent local governments to implement their comprehensive plans and to address area wide land use needs and justification for amendments.**

Policy 8.1.5.1: The City shall participate in the Palm Beach County IPARC Process and shall cooperate with the Treasure Coast Regional Planning Council and all other local governments in a voluntary dispute resolution process for the purpose of facilitating intergovernmental coordination. The IPARC process is established pursuant to the Comprehensive Plan Amendment Coordinated Review Interlocal Agreement, effective date October 1, 1993, and shall include results and any written determination from the IPARC process as data and analysis to DCA with proposed and adopted comprehensive plan amendments.

Policy 8.1.5.2: The City shall utilize the Palm Beach County Intergovernmental Coordination process as a regular formal forum in which to deal with issues unique to Palm Beach County and the municipalities therein. The Multi-Jurisdictional Issues Coordination Forum shall be utilized as a means of collaborative planning for matters of interjurisdictional significance including, but not limited to, the siting of facilities with countywide significance and locally unwanted land uses.

Policy 8.1.5.3: The City shall pursue interlocal agreements with local governments that have identified or adopted future land use designations for adjacent unincorporated areas. These agreements would establish "Joint Planning Areas," pursuant to Chapter 163.3171, F.S. The City shall encourage joint planning agreements that include as many of the following planning considerations as are applicable. Additional items could be addressed at the concurrence of both parties; including:

1. Cooperative planning and review of land development activities within areas covered by the agreement;
2. Specification of service delivery;
3. Funding and cost-sharing issues within Joint Planning Areas; and
4. Enforcement implementation.

Policy 8.1.5.4: The City shall coordinate with affected jurisdictions, including FDOT, for the mitigation of impacted facilities not under the jurisdiction of the local government receiving the application for proportionate fair-share mitigation.

IX. CAPITAL IMPROVEMENT ELEMENT

Goal 9.1: **To undertake capital improvements necessary to keep the City's present public facilities in good condition and to accommodate new development guided by sound fiscal practices.**

Objective 9.1.1: **The City shall use the Capital Improvement Element as a means to assess the City's public facility deficiencies or arrange for others to provide capital improvements necessary to correct deficiencies in existing public facilities, to serve projected future growth and to replace obsolete and worn-out facilities, in accordance with an adopted Capital Improvement Schedule.**

Policy 9.1.1.1: The operating budget shall continue to accommodate scheduled replacements such as police cars and trash trucks plus street overlaying and park facility renovations.

Policy 9.1.1.2: The City shall continue to prepare a five-year capital improvement program (CIP,) including a one year capital budget. The CIP shall be utilized for the renewal of municipal facilities.

Policy 9.1.1.3: Overall priority for fiscal planning shall be those projects that enhance single family residential neighborhoods, compatible business activities and the redevelopment district, as indicated in the Land Use Plan.

Policy 9.1.1.4: In setting priorities for expenditures to be included in the Capital Improvement Element, the following criteria shall be used:

- Public safety implications: a project to address immediate threats to public safety will receive first priority.
- Level of service or capacity problems: next in priority would be projects needed to maintain the stated Levels of Service.
- Ability to finance: a third criterion is the budgetary impact. For example, will it exceed revenue projections?
- Quality of life projects: the next level of priority shall be given to those projects not in categories 1 or 2 but that would enhance the quality of life for residents of City.

Policy 9.1.1.5: The City will annually review its debt management policies to ensure that the City is not in excess of the State legal limit for outstanding debt.

Policy 9.1.1.6: The Capital Improvement Element shall include major projects identified as needed in the elements of the Comprehensive Plan and which have an estimated cost greater than $200,000.

Policy 9.1.1.7: The City shall update the Capital Improvements Element, including the Five Year Schedule of the SCI during the annual budget process, including adding the next year onto the SCI, updating schedules of projects and updating cost estimates based on the latest information.

Policy 9.1.1.8 The Capital Improvements Schedule shall include facilities that promote public health and safety and all facilities for which the level of Service Standard has been adopted: Roads, Potable Water, Wastewater, Stormwater, Solid Waste Collection, and Parks and Recreation. The Capital Improvement Schedule may also include other facilities that enhance the quality of life for City's residents.

Objective 9.1.2: To utilize the Future Land Use Plan, financial analyses, and level of service standards as the basis for reviewing development applications in order to maintain an adequate level of service for City facilities. In the instance of public school facilities the School District of Palm Beach County shall maintain minimum level of service standards for public school facilities, in accordance with the adopted Interlocal Agreement.

Policy 9.1.2.1: The Level of Service for sewage disposal shall be 100 gallons per day per resident.

Policy 9.1.2.2: The Level of Service Standard for stormwater quantity shall be to adequately accommodate stormwater runoff from a three year, one hour storm event. The level of service standard for stormwater quality shall be as specified in Chapter 17–25 for water quality.

Policy 9.1.2.3: The Level of Service Standard for the water system shall be at least ~~185~~ 105 gallons per person per day, inclusive of water for irrigation purposes, with a residual pressure of ~~40~~ 30 ~~psig and a static pressure of at least 55 psig~~.

Policy 9.1.2.4: The Level of Service Standard for solid waste collection shall be 6.5 pounds per capita per day.

Policy 9.1.2.5: The Level of Service Standards of 2.5 acres of neighborhood and community parks for every 1,000 persons shall form the basis for assessing parks.

Policy 9.1.2.6: The Level of Service Standards for streets shall be according to the Transportation Element.

Policy 9.1.2.7: The School District of Palm Beach County shall maintain minimum level of service standards for public school facilities, as defined in the Public School Facilities Element. In the case of public school facilities, the issuance of Development Orders, Development Permits or development approvals shall be based upon the School District of Palm Beach County's ability to maintain the minimum level of service standards.

Objective 9.1.3: To require all future development projects to pay their fair share of the public improvement needs they generate.

Policy 9.1.3.1: By January 2011, the development code review shall include appropriate impact fees and developmental agreements as means of collecting fair share contributions. Prior to the issuance of a development order or a building permit, the Concurrency review shall establish the following:

- Finding on the impacts created by the proposed development
- Finding as to whether the public facilities covered under the Concurrency Management System will be available concurrent with the impacts of new development at the adopted Level of Service
- Finding of facility(s) improvements or additions that are required to ensure the finding of concurrency; and
- Finding of the entity responsible for the implementation of all required facility(s) improvements or additions

Policy 9.1.3.2: All development orders which were issued prior to the adoption of the comprehensive plan and which are not legally vested in development rights in a manner consistent with Chapter 163.3167(8), F.S., shall be required to provide for infrastructure or meet the obligations of concurrency provisions as set out in this plan.

Policy 9.1.3.3: The City has encumbered adequate infrastructure to meet the needs, at adopted levels of service, for all previously approved development orders including those, which are vested. The City has and shall utilize such encumbrances of capacity to determine the availability of infrastructure for future developments.

Objective 9.1.4: To achieve administrative mechanisms whereby public facility requirements generated by new development are adequately funded in a timely manner and funded projects are consistent with a financially feasible schedule of capital improvements as per F.S. 163.3164(32).

Policy 9.1.4.1: No development permit shall be issued unless the public facilities necessitated by the project (in order to meet level of service standards) will be in place concurrent with the impacts from the development.

Policy 9.1.4.2: For public school facilities, the applicant for a Development Order or Development Permit which includes any residential component shall provide a determination of capacity by the School District of Palm Beach County that the proposed development will meet the public school facilities level of service. A determination by the School District is not required for existing single family legal lots of record, in accordance with the Public School Facilities Policy 10.01.01.08. In the case of public school facilities, construction appropriations are specified within the first three years of the most recently approved School District of Palm Beach County Six-Year Capital Improvement Schedule, as reflected in Table 9.2 and adopted as part of this element. In accordance with this Policy, and upholding the exceptions detailed therein, prior to issuance of a Development Order/Permit, the School District of Palm Beach County shall determine that the level of service for public school facilities can be achieved and maintained. The necessary public school facilities shall be considered to be in place when sufficient capacity exists in the concurrency service area (CSA) in which the proposed development is located, or an immediately adjacent CSA.

Policy 9.1.4.3: The City shall ensure that the Capital Improvement Element and the entire Comprehensive Plan remains financially feasible, as defined by 163.3164(32), Florida Statutes (F.S.).

Policy 9.1.4.4: Capital facilities to be funded by outside sources must be guaranteed by a development agreement, interlocal agreement or other enforceable agreement.

Policy 9.1.4.5 The City shall implement the five-year Capital Improvements Schedule for potable water facilities adopted in the Capital Improvements Element.

Policy 9.1.4.6 The City will review the Capital Improvements Schedule and adopt a City Budget that prioritizes needed potable water improvements to meet the demands of future growth and approved developments.

Policy 9.1.4.7: The City will evaluate the production, expansion capabilities, and life expectancy of the water treatment plants in each update to the *Water Supply Plan*.

Policy 9.1.4.8: The City will maintain a water supply facilities work plan that is coordinated with District's Lower East Coast Regional Water Supply Plan and Palm Beach County by updating its own work plan within 18 months of an update to SFWMD's *District's Lower East Coast Regional Water Supply Plan* that affect the City.

Objective 9.1.5: To coordinate with State and County agencies for resolution to service delivery problems when State and County facilities within Lake Worth fall below designated level of service standards.

Policy 9.1.5.1: The City shall require that no development order be issued unless the County roadway facilities necessitated by that project (in order to meet level of service standards) will be in place concurrent with the impacts from development.

Objective 9.1.6: To continue implementation of a Concurrency Management System which will provide necessary public facilities concurrent with the impacts of development.

Policy 9.1.6.1: The adopted Concurrency Management System of the City of Lake Worth is hereby included as Appendix A and adopted as part of this Comprehensive Plan.

Objective 9.1.7: To manage the City of Lake Worth's Coastal High Hazard area to limit public expenditures to those necessary to serve existing and development mandated by court order.

Policy 9.1.7.1: Damaged infrastructure in Coastal High Hazard Areas shall be replaced. No additional infrastructure to support new residential development in the Coastal High Hazard Area is proposed in the Comprehensive Plan.

Policy 9.1.7.2: Where implementation of a Comprehensive Plan policy would be contradictory to the mandates of any court-ordered settlement governing vested development rights, the provisions of the court-ordered settlement shall prevail.

Objective 9.2 The City shall maintain a capital program that can be

adequately accommodated by projected revenues or other financial resources.

Policy 9.2.1 Capital Improvements shall be financed and debt shall be managed, as follows:

- Public facilities financed by enterprise funds (i.e. utilities-potable water, sanitary sewer, storm water, solid waste, and golf course) shall be financed by:

- Debt to be repaid by user fees and charges for enterprise service; or
- Current assets (i.e. reserves, surpluses, and current revenue, including transfers); or,
- A combination of debt and current assets.

▪ Public facilities which are financed by non-enterprise funds (i.e. roads, parks, library, fire service, police protection, and government buildings) shall be financed from current assets: revenue, equity and/or debt. Financing of specific capital projects shall depend on which asset, or group of assets, will be most cost effective, consistent with prudent asset and liability management, appropriate to the useful life of the project(s) to be financed, and make the most efficient use of the City's debt capacity.

IMPLEMENTATION

Five-Year Schedule of Capital Improvements (SCI)

Table 9.1 shows the projects planned for implementation during the 2009-2014 period together with estimated costs and revenue sources. Appendix 6 of the Comprehensive Plan shows the School District of Palm Beach County Six-Year Capital Improvement Schedule, which is adopted herein by reference to show the estimated costs and revenue sources for their facilities.

Summary of Implementation Programs

For purposes of monitoring and evaluation, the principal programs needed to implement this Element are as follows; all are outlined in more detail in the Element:

1. Institute an annual capital programming and budgeting process including project selection criteria.
2. Conduct engineering or other studies to pinpoint the cost and timing of the other potential deficiencies.
3. Make amendments to the development code to a) assure conformance to the "concurrency" requirements relative to development orders, levels of service and public facility timing, and b) explore selected impact fees, e.g., for park and residential street improvements.

Table 9.1
Five-Year Schedule of Improvements 2009-2014

Project	Year	Estimated Cost	Agency Responsible	Funding Source
Widen 10th Avenue N. from I-95 west to Congress Avenue	2010	$1,280,000	Palm Beach County	Palm Beach County
Lake Worth Beach Casino Bldg Improvements	2012	$9,650,000		
Municipal Beach Parking Area	2012	$7,700,000		Palm Beach County
Lake Worth Park of Commerce Infrastructure Study	2014	$2, 112,000		EDA State Fund
Road Condition Rating System and Improvements	2014	$1.170,000		
Sidewalk Improvements	2014	$370,000		
Public Library	2012	10,000,000		
Public Park Improvements	2013	$1,350,000		
Municipal Community Center	2014	$2,900,000		
Electrical Improvements	2014	$21,270,000		
Water System Building	2010	$728,000		
RO Plant	2011	$20,240,000		
Water System Infrastructure Improvements	2014	5,437,881		
Alleyway Improvements	2014	$150,000	CRA	
Municipal Parks	2012	$230,000	CRA	
Cultural Redevelopment Land	2014	$1,350,000	CRA	
Gateway Enhancements	2014	$100,000	CRA	
Parking Improvements	2014	$200,000	CRA	
Neighborhood Capital Improvements	2014	$600,000	CRA	
Dixie Hwy. Improvements	2014	$200,000	CRA	
Transportation Enhancements	2014	$700,000	CRA	MPO Palm Tran

[NOTE: South Florida Regional Water Management District (SFWMD) Lower East Coast Regional Water Supply Plan projects applicable to Lake Worth area will be added to the SCI by December, 2009]

2009-2014 MONITORING, UPDATING AND EVALUATIN OF PROCEDURES

Citizen Participation

In conjunction with one of the plan amendment cycles, the Planning and Zoning Board shall annually conduct a public hearing on the Capital Improvements Program. A status report shall be provided by the staff and then citizen comment shall be solicited. This meeting shall be publicized by a legal notice in the newspaper plus efforts to have a news story/announcement. The Board will then submit a report on the status of the Plan to the City Manager and City Commission. This report may be accompanied by recommended amendments, using the normal amendment process.

Data and Objectives Update

As a part of the review and amendments of the Capital Improvements Program, pertinent measurable objectives will be the subject of review and comment by the staff in preparing the status report. In addition, the staff shall review appropriate Palm Beach County publications and demographic data, as they become available, highlights will be included in the report.

Seven-Year Review, Evaluation and Appraisal Report

In 2010, the City Manager shall designate the person responsible for preparation of the seven 7-year Evaluation and Appraisal Report in conformance with statutory requirements and with special emphasis on the objectives and policies. The report shall pinpoint obstacles to plan implementation.

Revised Objectives and Policies

The planning staff shall annually prepare draft amendments to the goals, objectives and policies, as needed, based upon the guidelines provided herein and submitted to the Planning & Zoning Board by their second meeting in October. Citizen participation procedures discussed above shall be used for recommended revisions to the Comprehensive Plan.

X. PUBLIC SCHOOL FACILITIES ELEMENT

Goal 10.1: **To provide for future availability of public school facilities consistent with the adopted level of service standard. This goal shall be accomplished recognizing the constitutional obligation of the school district to provide a uniform system of free public schools on a countywide basis.**

Objective 10.1.1: **To ensure that the capacity of schools is sufficient to support student growth at the adopted level of service standard for each year of the five-year planning period and through the long term planning period.**

Policy 10.1.1.1: The LOS standard is the school's utilization, which is defined as the enrollment as a percentage of school student capacity based upon the Florida Inventory of School Houses (FISH). The level of service (LOS) standard shall be established for all schools of each type within the School District as 110 percent utilization, measured as the average for all schools of each type within each (CSA). No individual school shall be allowed to operate in excess of 110% utilization, unless the school is the subject of a School Capacity Study (SCS) undertaken by the School District, working with the Technical Advisory Group (TAG), which determines that the school can operate in excess of 110% utilization. The SCS shall be required if a school in the first student count of the second semester reaches 108% or higher capacity. As a result of an SCS, an individual school may operate at up to 120% utilization.

Policy 10.1.1.2: If, as a result of a School Capacity Study (SCS), a determination is made that a school will exceed 120% utilization or cannot operate in excess of 110% utilization, then the School District shall correct the failure of that school to be operating within the adopted LOS through 1) program adjustments 2) attendance boundary adjustments or 3) modifications to the Capital Facilities Program to add additional capacity. If, as a result of the SCS a determination is made that the school will exceed 110% and can operate within adopted guidelines, the identified school may operate at up to 120% utilization. If as a result of one or more School Capacity Studies that demonstrate that the schools of a particular type can operate at a higher standard than the 110%

utilization standard of the CSA, the Comprehensive Plan will be amended to reflect the new LOS for that school type in that CSA.

Policy 10.1.1.3: The School Capacity Study (SCS) shall determine if the growth rate within an area, causing the enrollment to exceed 110 percent of capacity, is temporary or reflects an ongoing trend affecting the LOS for the 5-year planning period. The study shall include data, which shows the extent that capacity has been exceeded attributable to both existing and new development. Notification shall be provided to the local government within whose jurisdiction the study takes place. At a minimum, the study shall consider:

1. Demographics in the school's Concurrency Service Area (CSA);
2. Student population trends;
3. Real estate trends (e.g. development and redevelopment);
4. Teacher/student ratios; and
5. Core facility capacity;

Policy 10.1.1.4: The adopted LOS standard became applicable to the entire County at the beginning of the 2004–05 school year, at which time the School District was to achieve the countywide adopted level of service for all schools of each school type. For the City's 2008-2013 planning period, the LOS standard shall be as shown in Appendix 6 of the Data, Inventory and Analysis section of the City's Comprehensive Plan.

Policy 10.1.1.5: Concurrency Service Areas (CSA) shall be established on a less than district wide basis, as depicted on Map 10.1 and described in the Concurrency Service Area Boundary Descriptions in the Implementation Section of this element.

1. The criteria for Concurrency Service Areas shall be:

   Palm Beach County is divided into twenty-one CSAs. Each CSA boundary shall be delineated considering the following criteria and shall be consistent with provisions in the Interlocal Agreement:

   a. School locations, student transporting times, and future land uses in the area.

b. Section lines, major trafficways, natural barriers and county boundaries.

2. Each CSA shall demonstrate that:

a. Adopted level of service standards will be achieved and maintained for each year of the five-year planning period; and

b. Utilization of school capacity is maximized to the greatest extent possible, taking into account transportation costs, court approved desegregation plans and other relevant factors.

3. Consistent with §163.3180(13)(c)2, F.S., changes to the CSA boundaries shall be made only by amendment to the (Public School Facilities Element) and shall be exempt from the limitation on the frequency of plan amendments, Any proposed change to CSA boundaries shall require a demonstration by the School District that the requirements of 2 (a) and (b), above, are met.

Policy 10.1.1.6: The City shall consider as committed and existing the public school capacity which is projected to be in place or under construction in the first three years of the School District's most recently adopted Five-Year Plan, as reflected in Table 9.2 (Six-Year Capital Improvement Schedule) of the Capital Improvement Element of the City's Comprehensive Plan, when analyzing the availability of school capacity and making level of service compliance determinations.

Policy 10.1.1.7: The City shall amend the Capital Improvement Element, including the Five-Year Schedule of Capital Improvements and any necessary references to the School District's Six Year Capital Improvement Schedule, when committed facility capacity is eliminated, deferred or delayed, to ensure consistency with the School District Capital Improvement Schedule.

Policy 10.1.1.8: For purposes of urban infill and in recognition of the entitlement density provisions of the City's Future Land Use Element, the impact of a home on an existing single-family lot of record shall not be subject to school concurrency.

Policy 10.1.1.9: The City shall suspend or terminate its application of School concurrency upon the occurrence and for the duration of the following conditions:

1. School concurrency shall be suspended in all CSAs upon the occurrence and for the duration of the following conditions:

   - The occurrence of an "Act of God"; or

   - The School Board does not adopt an update to its Capital Facilities Plan by September 15th of each year; or

   - The School District's adopted update to its Capital Facilities Program Plan does not add enough FISH capacity to meet projected growth in demand for permanent student stations at the adopted level of service standard for each CSA and ensures that no school of any type exceeds the maximum utilization standard in and CSA; or

   - The School District Capital Facilities Plan is determined to be financially infeasible as determined by the State Department of Education, or as defined by the issuance of a Notice of Intent to Find an Amendment to a Capital Improvement Element not in compliance as not being financially feasible, by the Department of Community Affairs; or by a court action or final administrative action; or

   - If concurrency is suspended in one-third or more of the CSAs pursuant to Policy below.

2. School Concurrency shall be suspended within a particular CSA upon the occurrence and for the duration for the following conditions:

   - Where an individual school in a particular CSA is twelve or more months behind the schedule set forth in the School District Capital Facilities Plan, concurrency will be suspended within that CSA and the adjacent CSAs for that type of school; or

- The School District does not maximize utilization of school capacity by allowing a particular CSA or an individual school to exceed the adopted Level of Service (LOS) standard; or

- Where the School Board materially amends the first 3 years of the Capital Facilities Plan and that amendment causes the Level of Service to be exceeded for that type of school within a CSA, concurrency will be suspended within that CSA and the adjacent CSAs only for that type of school.

3. The City shall maintain records identifying all Concurrency Service Areas in which the School District has notified the City that the application of concurrency has been suspended.

4. Once suspended, for any of the above reasons, concurrency shall be reinstated once the Technical Advisory Group (TAG) determines the condition that caused the suspension has been remedied or the Level of Service for that year for the affected CSAs has been achieved.

5. If a Program Evaluation Report as defined in the Interlocal Agreement to establish school concurrency recommends that concurrency be suspended because the program is not working as planned, concurrency may be suspended upon the concurrence of 33% of the signatories of the "Palm Beach County Interlocal Agreement with Municipalities of Palm Beach County and the School District of Palm Beach County to establish Public School Concurrency".

6. Upon termination of the Interlocal Agreement the City shall initiate a Comprehensive Plan Amendment to terminate school concurrency.

Objective 10.1.2: **To allow for Palm Beach County School District to provide for mitigation alternatives which are financially feasible and will achieve and maintain the adopted level of service standard in each year of the five-year planning period.**

Policy 10.1.2.1: Mitigation shall be allowed for those development proposals that cannot meet adopted level of service standard. Mitigation options shall include options listed below for which the School District

assumes the operational responsibility and which will maintain the adopted level of service standards for each year of the five-year planning period.

1. Donation of buildings for use as a primary or alternative learning facility; and/or

2. Renovation of existing buildings for use as public school facilities; or

3. Construction of permanent student stations or core capacity.

The site plan for buildings being renovated pursuant to number 2 above, that are fifty years of age or older, shall demonstrate that there are no adverse impacts on sites listed in the National Register of Historic Places or otherwise designated in accordance with appropriate State guidelines as locally significant historic or archaeological resources.

Policy 10.1.2.2: Level of service (LOS) standards shall be met within the CSA for which a development is proposed, or by using capacity from adjacent CSAs; otherwise mitigation measures shall be required for development order approval.

Objective 10.1.3: To ensure existing deficiencies and future needs are addressed consistent with the adopted level of service standard.

Policy 10.1.3.1: The City, in coordination with the School District and other local governments, shall annually amend Table 9.2 of the Capital Improvement Element (School District of Palm Beach County Six-Year Capital Improvement Schedule), to maintain consistency with the School Board's adopted Five-Year Plan and to maintain a financially feasible capital improvements program and ensure that level of service standards will continue to be achieved and maintained in each year of the five-year planning period.

Goal 10.2: To maintain and enhance joint planning processes and procedures for coordination of public education facilities for planning and decision-making regarding population projections, public school siting, and the development of public education facilities concurrent with residential development and other services.

Objective 10.2.1: To establish a process of coordination and collaboration between the County, local governments, and the School District in the planning and siting of public school facilities in coordination with planned infrastructure and public facilities.

Policy 10.2.1.1: The City shall coordinate and provide for expedited review of development proposals with the School District during the development review process to ensure integration of public school facilities with surrounding land uses and the compatibility of uses with schools.

Policy 10.2.1.2: There shall be no significant environmental conditions and significant historical resources on a proposed site that cannot be mitigated or otherwise preclude development of the site for a public educational facility.

Policy 10.2.1.3: The proposed site shall be suitable or adaptable for development in accordance with applicable water management standards, and shall not be in conflict with the adopted or officially accepted plans of the South Florida Water Management District, or any applicable Stormwater Utility or Drainage District.

Policy 10.2.1.4: The proposed location shall comply with the provisions of the Coastal Zone Management Element of the comprehensive plan, if applicable to the site.

Policy 10.2.1.5: The City shall encourage the location of schools proximate to urban residential areas by:

- Assisting the School District in identifying funding and/or construction opportunities including developer participation or City capital budget expenditures for sidewalks, traffic signalization, access, water, sewer, drainage and other infrastructure improvements;
- Providing for the review for all school sites as indicated in Policy 10.2.1.1above; and,
- Allowing schools as a permitted use within all urban residential land use categories.

Policy 10.2.1.6: The City shall coordinate with the School District for the collocation of public facilities, such as parks, libraries, and community centers with schools, to the extent possible, as sites for these public facilities and schools are chosen and development

plans prepared.

Objective 10.2.2: **To establish and maintain a cooperative relationship with the School District and municipalities in coordinating land use planning with development of public school facilities, which are proximate to existing or proposed residential areas they will serve and which serve as community focal points.**

Policy 10.2.2.1: The City shall abide by the "Palm Beach County Interlocal Agreement with Municipalities of Palm Beach County and the School District of Palm Beach County to establish Public School Concurrency", which was fully executed by the parties involved and recorded with the Clerk of the Circuit Court of Palm Beach County on January 25, 2001, consistent with §§163.3177(6)(h)1 and 2, F.S., and 163.3180, F.S.

Policy 10.2.2.2: The Technical Advisory Group (TAG) shall be established by the County, participating local governments, and the School District. The five member TAG will be comprised of a Certified Public Accountant, a General Contractor, a Demographer, a Business Person, and a Planner, nominated by their respective associations as indicated in the Interlocal Agreement to establish Public School Concurrency mentioned in Policy 10.2.2.1 above. The Technical Advisory Group shall review and make recommendations including but not limited to the following:

1. The Capital Facilities Plan;
2. The Ten and Twenty Year work programs;
3. Schools that trigger a School Capacity Study;
4. Concurrency Service Areas boundaries;
5. School District Management Reports;
6. Operation and effectiveness of the Concurrency Program; and
7. Program Evaluation Reports.

Policy 10.2.2.3: The City shall provide the School District with annual information needed to maintain school concurrency, including information required for the School District to establish:

1. School siting criteria;

2. Level of service update and maintenance;

3. Joint approval of the public school capital facilities program;

4. Concurrency service area criteria and standards; and

5. School utilization.

Policy 10.2.2.4: The City shall provide the School District with its Comprehensive Plan, along with the five-year Land Use and population projections, to facilitate development of school enrollment projections and shall annually update this information. The City shall coordinate its Comprehensive Plan and the Future Land Use Map with the School District's long range facilities maps, (Maps 10.5 and 10.6), to ensure consistency and compatibility with the provisions of this Element.

Policy 10.2.2.5: The City shall advise the School District of a proposed public school site's consistency with the City's Comprehensive Plan and land development regulations, including the availability of necessary public infrastructure to support the development of the site.

Policy 10.2.2.6: he City shall provide opportunity for the School District to comment on comprehensive plan amendments, rezoning, and other land use decisions, which may be projected to impact on the public schools facilities plan.

Policy 10.2.2.7: The City shall coordinate with local governments and the School District on emergency preparedness issues which may include consideration of:

1. Design and/or retrofit of public schools as emergency shelters;

2. Enhancing public awareness of evacuation zones, shelter locations, and evacuation routes;

3. Designation of sites other than public schools as long term shelters, to allow schools to resume normal operations following emergency events.

Objective 10.2.3: To establish a joint process of coordination and collaboration between the City, Palm Beach County and the School District in the planning and decision making on population projections.

Policy 10.2.3.1: The City shall provide updated Land Use maps to the County for the conversion of the BEBR projections into both existing and new residential units and disaggregate these units throughout incorporated and unincorporated Palm Beach County into each CSA, using BEBR's annual estimates by municipality, persons-per-household figures, historic growth rates and development potential. . These projections are shown in Exhibit E of the Interlocal Agreement as "Projected Units Table" which shall be amended annually and provided to the School District.

Policy 10.2.3.2: The City commits to working with the School District and Palm Beach County to improve this methodology and enhance coordination with the plans of the School District and local governments. Population and student enrollment projections shall be revised annually to ensure that new residential development and redevelopment information provided by the municipalities and the County as well as changing demographic conditions are reflected in the updated projections. The revised projections and the variables utilized in making the projections shall be reviewed by all signatories through the Intergovernmental Plan Amendment Review Committee (IPARC). Projections shall be especially revisited and refined with the results of the 2000 Census. The responsibilities of local governments and the School District on population projections are described in Section VIII-B of the Interlocal Agreement.

Concurrency Service Area (CSA) Boundary Descriptions

The Palm Beach County School District is divided into twenty-one CSAs for school concurrency. The Palm Beach County School CSA boundaries are described in the map included in the Data, Inventory, and Analysis of the City's Comprehensive Plan, as bounded by Section lines, major trafficways, natural barriers and county boundaries consistent with §163.3180(13)(c)2, F.S. Changes to the CSA boundaries shall be made by plan amendment and exempt from the limitation on the frequency of plan amendments.

#1

NORTH – The Martin / Palm Beach County Border

SOUTH – Donald Ross Rd

EAST – The Atlantic Ocean

WEST – Florida's Turnpike

#2
NORTH – The Martin / Palm Beach County Border
SOUTH – Donald Ross Rd of Sections (using T-R-S) 41-42-21, 41-42-20, 41-42-19, 41-41-24, and 41-41-23, then Southwest along the centerline of the C-18 canal to the Bee Line Hwy
EAST – Florida's Turnpike
WEST – Bee Line Hwy

#3
NORTH – Donald Ross Rd
SOUTH –The South Section Line of Sections (using T-R-S) 42-43-10, 42-43-09, 42-43-08, 42-43-07, and 42-42-12, East of Military Trl, then South along Military Trl to Northlake Blvd, then West along Northlake Blvd to Florida's Turnpike
EAST – The Atlantic Ocean
WEST – Florida's Turnpike

#4
NORTH – The South Section Line of Sections (using T-R-S) 41-42-21, 41-42-20, 41-42-19, 41-41-24, and 41-41-23, then Southwest along the C-18 Canal to the Bee Line Hwy, then Northwest along the Bee Line Hwy until the intersection of Bee Line Hwy and the West Section Line of Section 41-41-18
SOUTH – Northlake Blvd West to Grapeview Blvd, North along Grapeview Blvd to the South Section Line of Section (using T-R-S) 42-41-08, then West along the South Section Line of Sections 42-41-08 and 42-41-07
EAST – Florida's Turnpike
WEST – The West Section Line of (using T-R-S) 41-41-18 South of the Bee Line Hwy, and the West Section Lines of Sections 41-41-19, 41-41-30, 41-41-31, 42-41-06, and 42-41-07

#5
NORTH – The South Section Line of Sections (using T-R-S) 42-43-10, 42-43-09, 42-43-08, 42-43-07, and 42-42-12 West to Military Trl.
SOUTH – The South Section Line of Sections (using T-R-S) 42-43-34, 42-43-33, 42-43-32, 42-43-31, and 42-42-36 West to Military Trl.
EAST – The Atlantic Ocean
WEST – Military Trl.

#6
NORTH – Northlake Blvd
SOUTH – The South Section Line of Sections (using T-R-S) 42-42-36 West of Military Trl., 42-42-35, 42-42-34, 42-42-33, 42-42-32, and 42-42-31
EAST – Military Trl.
WEST – The West Section Line of Sections (using T-R-S) 42-42-18, 42-42-19, 42-42-30, and 42-42-31

#8
NORTH – The South Section Line of Sections (using T-R-S) 42-43-34, 42-43-33, 42-43-32, 42-43-31, and 42-42-36 West to Military Trl.
SOUTH – The North Line of the South Half of Sections (using TRS) 43-43-23, 43-43-22, 43-43-21, 43-43-20, 43-43-19, and 43-42-24 East of Military Trl.
EAST – The Atlantic Ocean
WEST – Military Trl

#9
NORTH – The South Section Line of Sections (using T-R-S) 42-42-36 (West of Military Trl.), 42-42-35, 42-42-34, 42-42-33, 42-42-32, and 42-42-31
SOUTH – The North Section Line of Sections (using TRS) 43-42-24 West of Military Trl., 43-42-23, 43-42-22, 43-42-21, 43-42-20, and 43-42-19

EAST – Military Trl.
WEST – The West Section Line of Sections (using T-R-S) 43-42-06, 43-42-07, 43-42-18, and 43-42-19 North of the South Line of the North Half

#10
NORTH – Northlake Blvd West to Grapeview Blvd, North along Grapeview Blvd, then West along the South Section Line of Sections (using T-R-S) 42-41-08, and 42-41-07, then South along the West Section Line of 42-41-18 until intersecting with the Canal generally delimiting the Northern extent of The Acreage and the Southern extent of the J. W. Corbett preserve, West along the centerline of the Canal through the center of Sections 42-40-13, 42-40-14, 42-40-15, 42-40-17, and 42-40-18, then North along the East Section Line of Section 42-39-13 to the North Line of the South Half of Section 42-39-13, then West along the North Line of the South Half of Section 42-39-13 to the West Section Line of Section 42-39-13
SOUTH – Southern Blvd West of 441, West to the West Section Line of Section (using T-R-S) 43-40-33
EAST – The East Section Line of Sections (using T-R-S) 43-41-01, 43-41-12, 43-41-13, 43-41-24, 43-41-25, and 43-41-36 South to Southern Blvd
WEST – The L-8 Canal South of the South Section Line of Section (using T-R-S) 42-40-31 and West of the West Section Line of Section 43-40-08, the West Section Line of Section 43-40-08 South of the L-8 Canal, the West Section Line of Sections 43-40-16, 43-40-21, 43-40-28, and 43-40-33 South to Southern Blvd

#11
NORTH – The North Line of the South Half of Sections (using TRS) 43-43-23, 43-43-22, 43-43-21, 43-43-20, 43-43-19, and 43-42-24 East of Military Trl.
SOUTH – The South Section Line of Sections (using T-R-S) 44-43-02, 44-43-03, 44-43-04,

44-43-05, 44-43-06, and 44-42-01 East of Military Trl.
EAST – The Atlantic Ocean
WEST – Military Trl.

#12
NORTH – The North Section Line of Sections (using TRS) 43-42-24 West of Military Trl., 43-42-23, 43-42-22, 43-42-21, 43-42-20, and 43-42-19
SOUTH – The South Section Line of Sections (using T-R-S) 44-42-01 West of Military Trl., 44-42-02, 44-42-03, 44-42-04, 44-42-05, and 44-42-06
EAST – Military Trl.
WEST – The West Section Line of Section (using T-R-S) 43-42-19 South of the North Line of the South Half, and State Rd 7

#14
NORTH – The South Section Line of Sections (using T-R-S) 44-43-02, 44-43-03, 44-43-04, 44-43-05,
44-43-06, and 44-42-01 East of Military Trl.
SOUTH – The South Section Line of Sections (using T-R-S) 44-43-26, 44-43-27, 44-43-28, 44-43-29, 44-43-30, and 44-42-25 East of Military Trl.
EAST – The Atlantic Ocean
WEST – Military Trl.

#15
NORTH – The South Section Line of Sections (using T-R-S) 44-42-01 West of Military Trl., 44-42-02, 44-42-03, 44-42-04, 44-42-05, and 44-42-06
SOUTH – The L-14 Canal
EAST – Military Trl.
WEST – State Rd 7

#16
NORTH – Southern Blvd West of 441, West to the West Section Line of Section (using T-R-S) 43-40-33

SOUTH –The South Section Line of Sections (using T-R-S) 44-41-25, 44-41-26, 44-41-27, 44-41-28, 44-41-29, and 44-41-30 East of the L-40 Canal
EAST –U.S. Hwy 441 / State Rd 7
WEST –The L-40 Canal and the West Section Line of Section 43-40-33 South of Southern Blvd

#17
NORTH – The South Section Line of Sections (using T-R-S) 44-43-26, 44-43-27, 44-43-28, 44-43-29, 44-43-30, 44-42-25, 44-42-26, and 44-42-27 East of Jog Rd
SOUTH – The Boynton Canal
EAST – The Atlantic Ocean
WEST – Jog Rd

#18
NORTH – The L-14 Canal West to the Florida Turnpike, then North along the Turnpike to the South Section Line of Section (using T-R-S) 44-41-29, then West along the South Section Line of Sections 44-42-30, 44-41-25, 44-41-26, 44-41-27, 44-41-28, 44-41-29 and 44-41-30 East of the L-40 Canal
SOUTH – The Boynton Canal
EAST – Jog Rd
WEST – The L-40 Canal

#19
NORTH – The Boynton Canal
SOUTH – The South Section Line of Sections (using T-R-S) 46-43-03, 46-43-04, 46-43-05, 46-43-06, 46-42-01, 46-42-02, 46-42-03, 46-42-04, 46-42-05, 46-42-06, State Rd 7 South to the South Section Line of Section 46-41-01, West along the South Section Line of Section 46-41-01 extended to the L-40 Canal
EAST – The Atlantic Ocean
WEST – The L-40 Canal

#20

NORTH – The South Section Line of Sections (using T-R-S) 46-43-03, 46-43-04, 46-43-05, 46-43-06, 46-42-01, 46-42-02, 46-42-03, 46-42-04, 46-42-05, 46-42-06, State Rd 7 to the South Section Line of Section 46-41-01,
West along the South Section Line of Section 46-41-01 extended to the L-40 Canal

SOUTH – The South Section Line of Sections (using T-R-S) 46-43-28, 46-43-29, 46-43-30, 46-42-25, 46-42-26, 46-42-27, 46-42-28, 46-42-29, 46-42-30, 46-41-25, and 46-42-26 East of the L-40 Canal, the portion of the Line formed by these Section Lines West of I-95 generally approximates the C-15 Canal

EAST – The Atlantic Ocean

WEST – The L-40 Canal

#21

NORTH – The South Section Line of Sections (using T-R-S) 46-43-28, 46-43-29, 46-43-30, 46-42-25, 46-42-26, 46-42-27, 46-42-28, 46-42-29, 46-42-30, 46-41-25, and 46-42-26 East of the L-40 Canal, the portion of the line formed by these Section Lines West of I-95 generally approximates the C-15 Canal

SOUTH – The Palm Beach / Broward County Border

EAST – The Atlantic Ocean

WEST – The L-40 and L-36 Canals

#22

NORTH – The Martin / Palm Beach County Border

SOUTH – The Palm Beach / Broward County Border

EAST – From the Martin / Palm Beach County Border, the Bee Line Hwy South to the West Section Line (using T-R-S) of 41-41-18, the

West Section Lines of Sections 41-41-18, 41-41-19, 41-41-30, 41-41-31, 42-41-06, 42-41-07, and 42-41-18 until intersecting with the Canal generally delimiting the Northern extent of The Acreage and the Southern extent of the J. W. Corbett preserve, West along the centerline of the Canal through the center of Sections 42-40-13, 42-40-14, 42-40-15, 42-40-17, and 42-40-18, then North along the East Section Line of Section 42-39-13 to the North Line of the South Half of Section 42-39-13, then West along the North Line of the South Half of Section 42-39-13 to the West Section Line of Section 42-39-13, then South along The West Section Line of South Half of Section 42-39-13, The West Section Line of Sections 42-39-24, 42-39-25, and 42-39-36 North of the L-8 Canal, the L-8 Canal South to the West Section Line of Section 43-40-08, then South along The West Section Lines of Sections 43-40-08 South of the L-8 Canal, 43-40-16, 43-40-21, 443-40-28, and 43-40-33, then South along the L-40 Canal and the L-36 Canal to the Palm Beach / Broward County Border.

WEST – The Shoreline of Lake Okeechobee South to the South Section Line of Section (using T-R-S) 41-37-22, East along the South Section Line of Sections 43-37-22, and 41-37-23, then South along the East Section Line of Sections 41-37-26, 41-37-35, 42-37-02, 42-37-11, 42-37-14, 42-37-23, 42-37-26, and 42-37-35, then West along the South Section Line of Section 42-37-35 to the East Section Line of Section 43-37-02, then South along the East Section Line of Sections 43-37-02, 43-37-11, 43-37-14, 43-37-23, 43-37-26, and 43-37-35, then in a Southerly direction to the East Section Line of Section 44-37-02, then South along the East Section Line of Sections 44-37-02, 44-37-11, 44-37-14, and 44-37-23 to the L-16 Canal, then West along the L-16 Canal and the L-21 Canals, also referenced as the Bolles Canal, to the West Section Line of Section 44-35-34, then North along the West Section Line of Sections 44-35-

34, 44-35-27, 44-35-22, 44-35-15, 44-35-10, 44-35-03, 43-35-34, and 43-35-27 to the Shoreline of Lake Okeechobee, then Westerly along the Shoreline of Lake Okeechobee to the Palm Beach / Hendry County Border, South along the Palm Beach / Hendry County Border to the Palm Beach / Broward County Border

#23

NORTH – The South Section Line of Sections (using T-R-S) 43-37-22 East of Lake Okeechobee, and 41-37-23

SOUTH – The L-16 and L-21 Canals, also referenced as the Bolles Canal

EAST – The East Section Line of Sections (using T-R-S) 41-37-26, 41-37-35, 42-37-02, 42-37-11, 42-37-14, 42-37-23, 42-37-26, and 42-37-35, then West along the South Section Line of Section 42-37-35 to the East Section Line of Section 43-37-02, then South along the East Section Lines of Sections 43-37-02, 43-37-11, 43-37-14, 43-37-23, 43-37-26, and 43-37-35, then in a Southerly direction to the East Section Line of Section 44-37-02, then South along the East Section Line of Sections 44-37-02, 44-37-11, 44-37-14, and 44-37-23 to the L-16 Canal

WEST – The West Section Line of Sections (using T-R-S) 43-35-27 South of the Shoreline of Lake Okeechobee, 43-35-34, 44-35-03, 44-35-10, 44-35-15, 44-35-22, 44-35-27, and 44-35-34 South to the L-21 or Bolles Canal

CITY OF LAKE WORTH
1900 2nd Ave N · Lake Worth, Florida 33461 · Phone: 561-586-1687

Minutes
Regular Meeting
City of Lake Worth
Planning & Zoning Board
City Hall Commission Room
7 North Dixie Hwy; Lake Worth, FL

WEDNESDAY, JANUARY 07, 2015 6:00 PM

1. Roll Call and Recording of Absences: Dean Sherwin, Vice-Chair, called the meeting to order at 6:00PM. Sandi DuBose, Board Secretary, called the roll. Those present at roll call were: Mr. Sherwin; Elise LaTorre; Mark Humm; Anthony Marotta; Cindee Brown; and Dustin Zacks. Also present were: Barbara Alterman, Assistant City Attorney; William Waters, Director for Community Sustainability; Maxime Ducoste, Planning and Preservation Manager; Curt Thompson, Community Planner; and Ms. DuBose.
   Absent: Greg Rice, Chair.

2. **Pledge of Allegiance**

3. Additions/Deletions/Reordering and Approval of the Agenda:
   - None

4. Approval of Minutes:

   A. Meeting Minutes

      1. Dec 17 2014 SM
      - **Action**: Motion made by Mr. Zacks with a second by Mr. Humm to approve the minutes as submitted.
      - **Vote**: Ayes: Mr. Sherwin; Ms. LaTorre; Mr. Humm; Mr. Marotta; Ms. Brown; and Mr. Zacks
        Nays: None
        Motion carried six (6) to zero (0).

5. Cases:

   A. Swearing in of Staff and Applicants:
      - Ms. DuBose administered the swearing in.

   B. Proof of Publication:

      1. Lake Worth Herald

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- **Action**: Motion made by Mr. Humm with a second by Mr. Marotta to receive and file the proof of publication.
  Vote: Ayes: Mr. Sherwin; Ms. LaTorre; Mr. Humm; Mr. Marotta; Ms. Brown; and Mr. Zacks
  Nays: None
  Motion carried six (6) to zero (0).

C. Withdrawals/Postponements:
- None

D. Consent:
- None

E. Public Hearings:

1. Board Disclosure: Ms. Brown, Mr. Zacks, Mr. Marotta, Mr Humm, and Ms. LaTorre each disclosed that they had been contacted via e-mail and telephone message by Land Design South, but that they had not communicated with the Applicant. Mr. Sherwin disclosed that he had been contacted by Land Design South, and that he had met with the Applicant on the project site.

2. Cases: 00:04:18

   a. PZB Project Number 14-00500016: Consideration of a Conditional Land Use application to operate a marble and granite countertop fabrication shop within the existing industrial building located at the property located at 2626 Park Street, Bay #3 (PCN# 38-43-44-16-22-000-0070) within the Artisanal Industrial (AI) district.
      1. Staff Comments: Mr. Thompson
         - Stated that the case was a consideration for a Conditional Land Use in the Artisanal Industrial Zoning District; addressed the site and the existing uses for adjacent sites; and identified the subject warehouse on the site survey. Stated that the proposed use was a conditional use within the Artisanal Industrial district; and provided the square footage calculations for the bay and subject warehouse. He stated that the subject bay would house all of the business operations and that there would be no additional outdoor storage.
         - He also stated that the proposed use would meet the standards for the proposed Conditional Land Use; that the proposed use would be in harmony with existing uses in the adjacent area; and stated that Staff recommended approval with Conditions of Approval as identified in the Staff report.
      2. Applicant Comments: Betty Resch, Agent 09:50:00
         - Stated that the Staff report had covered the details of the application; stated that the Applicant wanted to move his business to the City with no outdoor storage required; stated that there would be no parking issues; and responded to Board question by stating that on-site dumpsters would accommodate waste.

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3. Board Comments: Question of what would be done with the waste 00:10:45
4. **Action**: Motion made by Mr. Marotta with a second Ms. LaTorre that Board approve PZB 14-00500016, request for CLU to establish a granite & marble use for bay 3 subject to Staff recommended Conditions of Approval
   - Public Comment: None
   - Discussion of the motion: Members discussed correction to project number

   Vote: Ayes: Mr. Sherwin; Ms. LaTorre; Mr. Humm; Mr. Marotta; Ms. Brown; and Mr. Zacks

b. PZB Project Number 14-01400005: Consideration of a Major Site Plan and Conditional Use to develop a 75-unit Townhouse community on +/- 8.75 acres, generally located at 1100 Boutwell Road, affecting PCN: 38-43-44-20-01-003-0010, 38-43-44-20-01-003-0011, 38-43-44-20-01-002-0020, 38-43-44-20-01-002-0021, located within MF-20 low-density multiple-family residential zoning district, and having a Medium Density Residential (MDR) Future Land Use designation.

1. Staff Comments: Mr. Thompson 00:14:30
   - Introduced the item, identified the location, stated that adjacent uses included the Lake Worth Drainage District canal; Wayne Akers Ford; Lake Clarke Shores across the canal; and surrounding Palm Beach County properties; stated that Staff opinion was that the proposed project met the requirements of the Land Development Regulations for the MF-20 zoning district; that the project included a plan for 75-townhome units; and that the proposed project met all of the criteria for site design qualitative standards and community appearance
   - Stated that Staff recommended approval for the Major Site Plan and Conditional Land Use within the Mf-20, low density, residential zoning district subject to Conditions of Approval as included in the Staff report, and introduced the Applicant's Agent 00:19:25
2. Applicant Comments: Michele Hoyland, Land Design South, Agent representing D.R. Horton
   - Stated that D.R. Horton constructed homes across the country; stated that the project included a request for Major Site Plan and Conditional Land Use to allow construction of 75-townhome units; reviewed zoning and Future Land Use for the site; provided history of site's previous use; addressed zoning and existing uses for properties which surrounded the site; presented photographs of surrounding sites; and addressed zoning for adjacent sites
   - Reviewed site plan, site access along Vermillion Dr., easements; building sizes and building unit sizes; addressed parking; and identified a 25-foot wide easement along Lake Worth Drainage District canal. She also identified site buffering which would be provided by landscaping; fencing and entrance gates. Provided elevation of a previously built site in adjacent community; and addressed the site tree plan. Addressed Boutwell Road curbing which the Applicant would provide.
   - Stated that the project met site design standards, and conditional use standards. She also stated that the proposed plans provided a harmonious transition between the adjacent sites; and that the proposal included lush landscaping, and provided a high quality housing development

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3. Board Comments/Questions: Request for clarification of how staff comments had been addressed including fencing types, 24-foot paved drive aisle in lieu of 20-foot paved with 2-foot valley curbing; request for explanation of fencing and gating; request for clarification of mahogany tree size; location of curbing; question of maintenance for roads to the site interior as part of the HOA documents; and pedestrian access to public transit; comment that fertilizer should not be used for properties adjacent to canals; question of whether townhomes were for home ownership, and whether there would be restrictions for homeowners who rented their units; price points for units; and question of whether owners of individual units could fence the rear of their properties
   - Ms. Hoyland: Responded to Board comments: Specified that fence choices were made to utilize a more residential feel, and that a variety of fence types had been selected in order to achieve a variety of functional purposes. Stated that the Applicant had met with Staff on a number of occasions to facilitate design preferences. Addressed the drainage district easement in relation to fencing. Stated that proposed mahogany tree size was 6" diameter breast height; stated that proposed equity payment was for Boutwell Road curbing; stated that property design was geared for first time home buyers; and addressed pedestrian access and public transit stops adjacent to the site
   - Carl Albertson D.R. Horton: Responded to Board member question regarding how rentals would be addressed by stating that at other D.R. Horton sites, rentals included background checks, and established lease durations; and that provisions would be included in the declaration
   - Mr. Ducoste: Spoke to curb and gutter design; and stated Staff concern that vehicles parked in the drive aisle for a neighborhood event or in the case of guest parking could interfere with Public Service refuse pick-up.
4. Public Comment:
   - Tina Johnson, Lake Clarke Shores: Asked for clarification of appearance of property rear; and asked for traffic impact to 10th Ave. to be addressed
     - Ms. Hoyland: Addressed rear property appearance, and landscape buffers; and addressed escrow payment toward traffic impact along 10th Ave North
   - Mr. Waters: Site designed to allow access to Boutwell Rd. in the event of future improvements, provision for maintenance of interior roads included in HOA; future plans for Boutwell Rd. improvements included sidewalks on both sides of the road; stated that the unimproved Boutwell Rd. island was not a safe place for children, and preference to route pedestrian traffic along Detroit St.; stated that the County adopted standards for application of fertilizers and soil enhancements, and which also applied in Lake Worth; stated that rental units would also require City rental licenses and Use and Occupancy inspections; addressed FDOT plans for improvement along I-95; and stated that county was banking traffic impact fees to support expansion 10th Avenue North from I-95 to the canal
5. Board Attorney Comments: Ms. Alterman: Advised the Board that the road was a county road; stated that the County set the level of service standards for number of trips along county roads; and stated that, while the points were well taken, the County Commission was the appropriate body to consider the question of improvements to county roads. 00:57:59

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- Mr. Ducoste: Clarified that the Board would make two motions

6. **Action**: Motion made by Mr. Humm with a second by Ms. LaTorre that the Board approve 14-0140005 Major Site Plan to develop a 75-unit Townhouse community on 8.75 acres, generally located at 1100 Boutwell Road with conditions as enumerated in the Conditions of Approval.
   Vote: Ayes: Mr. Sherwin; Ms. LaTorre; Mr. Humm; Mr. Marotta; Ms. Brown; and Mr. Zacks.
   Nays: None
   Motion carried six (6) to zero (0). 00:59:00
7. **Action**: Motion made by Ms. Brown with a second by Mr. Humm that the Board approve 14-0140005 the request for Conditional Use to develop a 75-unit Townhouse community on 8.75 acres, generally located at 1100 Boutwell Road.
   Vote: Ayes: Mr. Sherwin; Ms. LaTorre; Mr. Humm; Mr. Marotta; Ms. Brown; and Mr. Zacks.
   Nays: None
   Motion carried six (6) to zero (0).

c. PZB/HRPB 14-00200001: Consideration of a City-initiated request for recommendation to the City Commission regarding a Text Amendment; Amending the Comprehensive Plan, and adopting a 10-Year Water Supply Plan. 1:01:33

1. Staff Comments:
   - Mr. Thompson: Stated that chapter 373 Florida of the statutes addressed water management; that the state was divided into water management districts; identified Palm Beach County's location within the lower east coast district; stated that the update was included as part of the state's Water Management Plan; that the plan was part of the lower east coast water supply plan which consisted of a ten-year planning horizon, to be updated every 5 years; stated that the updates were made based upon population growth projections; and identified the Comprehensive Plan elements to be updated as part of the Water Supply Plan updates.
   1. Larry Johnson, Director, Water Utilities: Stated that the proposed Water Supply Plan was done in compliance with state law and to update the South Florida Water Management District on Lake Worth's progress with respect to comprehensive water supply within the district's plan; two different water resources included surficial aquifer and reverse osmosis plant; described reverse osmosis capital improvements and the reverse osmosis process; stated the importance of two water sources with reverse osmosis as a second water source during drought, that by reducing the amount of water taken from the surface, the amount of salt water intrusion was also limited; stated that the City had obtained a twenty-year permit as a result of its ability to provide a flexible water supply; and stated that the plan documented additional capital improvements were planned during the twenty year horizon
2. Board Member Comments: Comments regarding most up to date water treatment facilities; comments regarding water distribution system; projections for increased water usage, and addressed plans for reduced water usage.
   2. Mr. Johnson addressed Board comments: Stated that City's usage projections were based on county projections for population growth and use; that City's

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population increase projections were relatively modest; and stated that City's per capita usage was lowest of Palm Beach county municipalities as a result of water conservation

3. **Action**: Motion made by Mr. Humm with a second by Mr. Marotta that the Board vote to recommend that the City Commission transmit to the State of Florida P&ZB/HRPB 14-0020001, consideration of a City-initiated request text amendments to the Comprehensive Plan
   Vote: Ayes: Mr. Sherwin; Ms. LaTorre; Mr. Humm; Mr. Marotta; Ms. Brown; and Mr. Zacks
   Nays: None
   Motion carried six (6) to zero (0).

F. Unfinished Business:

G. New Business:

1. Officer Election

a. Chair 1:15:58

4. **Action**: Motion to nominate Greg Rice for P&Z Board Chair made by Mr. Marotta with a second by Mr. Humm.
   Vote: Ayes: Mr. Sherwin; Ms. LaTorre; Mr. Humm; Mr. Marotta; Ms. Brown; and Mr. Zacks
   Nays: None
   Motion carried six (6) to zero (0)

b. Vice-Chair

- **Action**: Motion to nominate Dean Sherwin as Vice-Chair made by Mr. Marotta with a second by Mr. Humm.
  Vote: Ayes: Mr. Sherwin; Ms. LaTorre; Mr. Humm; Mr. Marotta; Ms. Brown; and Mr. Zacks
  Nays: None
  Motion carried six (6) to zero (0).

2. City Attorney: Annual Board Member Training: Ms. Alterman

a. Sunshine Law 1:17:00

- Purpose of Sunshine Law, to prevent action taking place outside of a meeting; that two or more members could not discuss, outside of a meeting, any matter might potentially appear before the Board; that Sunshine Law applied to social media; reviewed process to respond to e-mails and to avoid use of the 'Reply All' function; and advised Board members to avoid discussion of properties outside a meeting as in social media, parties, e-mails. Public meetings were to be noticed, and minutes to be taken.
- Public Records Law: Stated that the public was entitled to written materials, particularly in government.

b. Bases for Decision-Making and Quasi-Judicial Proceedings

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- Meaning of quasi-judicial was that decisions were made based upon the evidence presented
- Board decisions to be based on code requirements, not public opinion, and that final decisions were appealable to the circuit court; and that appeals were based upon the record
- Members to disclose conflict, and were not to vote or participate in discussion on vote; advised that conflict included financial conflict; and advised Board members to contact her if there was a question of potential conflict

6. Planning Issues:
   - None

7. Public Comments (3 minute limit):
   - None

8. Departmental Reports:
   1. Mr. Waters made the following comments:
      - Value Place permit had been issued
      - Melrose CO (Certificate of Occupancy) had been issued; and the business was in operation
      - Ground breaking for Village of Lake Osborne on January 20th at 4:30pm, and that invitations would be sent through the Board Secretary
      - Benzaiten an art center within an historic freight depot: Jan 23rd grand opening scheduled as a part of Palm Beach County Art Synergy; events included demonstrations of glass-blowing; and that future plans included a foundry for iron work
      - No information on the status of the Gulfstream
      - Additional revision to Land Development Regulations could be presented in March; and stated that there could possibly be a joint workshop meeting
      - Lucente Townhomes had submitted permit for construction trailer
      - Future projects could potentially include Hammon Park Site Plan Amendments

9. Board Member Comments:
   - None

10. Adjournment:
    - **Action**: Motion to adjourn made by Mr. Marotta with a second by Mr. Humm
      Vote: Ayes: Mr. Sherwin; Ms. LaTorre; Mr. Humm; Mr. Marotta; Ms. Brown; and Mr. Zacks
      Nays: None
      Motion carried six (6) to zero (0).
    - Meeting adjourned at 7:30pm.

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CITY OF LAKE WORTH
1900 2nd Ave N · Lake Worth, Florida 33461 · Phone: 561-586-1687

Minutes
Regular Meeting
City of Lake Worth
Historic Resources Preservation Board
City Hall Commission Room
7 North Dixie Hwy; Lake Worth, FL

WEDNESDAY, January 14 2015 6:00 PM

1. Roll Call and Recording of Absences: Wes Blackman, Chair called the meeting to order at 6:00PM. Sandi DuBose, Board Secretary, called the role. Those present at Roll Call were: Mr. Blackman; Jimmy Zoellner; Tom Norris; Herman Robinson; Judith Just; Darrin Engel; and Loretta Sharpe. Also present were Barbara Alterman, Assistant City Attorney; Maxime Ducoste, Planning & Preservation Manager; Aimee Sunny, Preservation Coordinator; Curt Thompson, Community Planner; Larry Johnson, Director, Water and Sewer Utilities, and Ms. DuBose.

2. **Pledge of Allegiance**

   a. New Member Oath of Office: Tom Norris
      - Ms. DuBose administered the Oath of Office

3. Additions/Deletions/Reordering and Approval of the Agenda
   - **Action**: Motion made by Ms. Just with a second by Mr. Zoellner to approve the agenda as ordered.
   - **Vote**: Ayes: Mr. Blackman; Mr. Zoellner; Mr. Norris; Mr. Robinson; Ms. Just; Mr. Engel; and Ms. Sharpe.
     Nays: None
     Motion carried seven (7) to zero (0).

4. Approval of Minutes

   A. Dec 18 2014 SM
      - **Action**: Motion made by Mr. Robinson with a second by Mr. Norris to approve the minutes as submitted.
      - **Vote**: Ayes: Mr. Blackman; Mr. Zoellner; Mr. Norris; Mr. Robinson; Ms. Just; Mr. Engel; and Ms. Sharpe
        Nays: None
        Motion carried seven (7) to zero (0).

5. Cases

   A. Swearing in of Staff and Applicants
      - Ms. DuBose administered the swearing in.

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B. Proof of Publication

- **Action**: Motion made by Mr. Zoellner with a second by Mr. Norris to receive and file the proof of publication.
- **Vote**: Ayes: Mr. Blackman; Mr. Zoellner; Mr. Norris; Mr. Robinson; Ms. Just; Mr. Engel; and Ms. Sharpe
  Nays: None
  Motion carried seven (7) to zero (0).

C. Withdrawals/Postponements

D. Consent

1. HRPB 14-00100230: Consideration of a Staff request for Continuance: Retroactive COA: Item approved. 00:00:36

E. Public Hearings

1. Board Disclosure: None

2. HRPB 14-00100244: Consideration of a request for exterior alterations for the property located at 626 N Palmway.
   a. Staff Comments: Ms. Sunny
      - Introduced the item; stated that the structure had been constructed circa 1925 in the Spanish Mission Revival style; stated that the property was recognized as a contributing resource in the Old Lucerne Historic District; reviewed remaining character defining features; and reviewed renovations and alterations which she stated had taken place since the date of original construction. She reviewed the scope of the request before the Board which included a request to allow removal of an existing, fixed, 6-panel door located on the front façade, including infill of the existing door opening; and use of a one-over-one window to match the existing window on the front façade to be installed in the enclosure. She also reviewed additional requests for changes which could be approved at Staff level; and which included roof and shutter replacement.
      - Stated Staff opinion that the door to be removed was not original to the structure, and that the stair behind the door had originally been added as an open air stairwell with a door at the top of the stair. She stated that the door was currently fixed and inoperable; that there was currently interior access to the stairwell; and that the property was historically a two-unit building.
      - She stated that Staff recommended approval with a condition that the 6-panel door may be removed and a one over one aluminum, window installed with a header height to match the existing windows; that for the enclosure of the existing door opening, the wall be stuccoed and painted; requested that the existing stoop and overhang remain; and clarified that allowing the stairs and overhang to remain would give consideration that, historically, the exterior entry existed. She stated Staff opinion that the original windows were a one over one configuration; but that historic photos depicted the existence of three over one window configurations. She reviewed application photos; identified original windows on main portion of the house as a three over one configuration;

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addressed interior changes; provided a sketch of the proposed change to stair opening; and stated that Staff research concluded that steps leading to the stoop could possibly be original but left removal of the steps decision to retain or remove would be a Board decision.

b. Board Member Comments: Request for Applicant comment regarding removal of steps; clarification of basis for recommendation that stoop should remain; discussion of possibility of original open air windows; discussion of fenestration pattern; question of whether the mansard section of tile roof was original; and discussion of recessed frame and stucco reveal

c. Applicant Comments:
   - Ibrahim Chalhoub, Contractor: Stated that his son owned the building; that the intent was to keep the project simple and retain the historical appearance. Also stated that intent of window choice was to add additional light to the interior; stated that impact window sizes would make one over one window configuration preferable; and that use of three over one window replacements would be difficult due to varied window sizes. He addressed Board questions regarding staff approved exterior alterations.
   - John Chalhoub, Owner: Stated that material of interior floor at base of stair was cracked tile, and that the material for the stoop was different. Stated that stoop did not appear to be original; addressed questions of stair design; addressed Board questions related to window replacements; stated that plans for the property also included installation of underground power; and stated that plans for driveway potentially included relocation of the lighthouse/mailbox feature.

d. Public Comment: None

e. Additional Staff Comment: Ms. Sunny clarified that, if the Board approved a three-over-one window pattern, the change would be made to a one-over-one window with exterior applied muntins

f. Public Comments: None

g. **Action**: Motion made by Mr. Robinson with a second by Mr. Engel that the Board approve HRPB 14-00100244, with understanding windows be made a three-over-one; the sidewalk to be removed; and the lighthouse/mailbox to be moved.
   - Discussion of motion: Board members discussed approval to remove stoop.

   Action Motion amended by Mr. Robinson, to which Mr. Engel agreed by second, that the motion include approval to allow removal of the existing stoop.

   Vote: Ayes: Mr. Blackman; Mr. Zoellner; Mr. Norris; Mr. Robinson; Ms. Just; Mr. Engel; and Ms. Sharpe.
   Nays: None
   Motion carried seven (7) to zero (0). 00:34:50

3. PZB/HRPB 14-00200001: Consideration to recommend the City Commission transmit to the state of Florida the 2014 10-Year Water Supply Plan for review including the adoption of related amendments to the Comprehensive Plan.

   a. Staff Comments: 00:35:00
      - Mr. Thompson: Stated that Chapter 373 of Florida statutes addressed state of Florida water resources; that Lake Worth was part of the South Florida Water Management District, and the lower east coast regional district which consisted of Palm Beach County and other counties to the Florida Keys; stated that water supply plan updates were based on population projections provided by the U.S. Census

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Bureau; reviewed Comprehensive Plan elements which were updated to incorporate infrastructure with updates provided to the Water Management district. 00:38:00

- Larry. Johnson, Director, Water Utilities: Provided an overview of the process to update the Water Supply Plan, and stated that water utility had been a part of Lake Worth's history; that water utility had passed its 100th year anniversary; stated by construction of Reverse Osmosis Plant in 2011 the Water Supply Plan was being updated to indicate that Lake Worth had a robust water supply from two sources which included surficial water, and the brackish resource which was then treated by reverse osmosis; and stated that the City had obtained a 20-year use permit

b. Board Member Comments: Discussion that the HRPB did not serve as the City's Local Planning Agency (LPA); discussion of saltwater infiltration; and question of City's capacity in drought conditions

- Mr. Johnson made the following responses to Board member comments: Stated that salt water intrusion had been recognized as a result of wellfields east of I-95; that reverse osmosis addressed the period at which the amount of surficial water which could be drawn had been drastically reduced; stated that newer wells were to be constructed to replace insufficient wells; stated that the amount of wellfield pumping had been reduced in recent years; stated that preliminary information was that new wells would improve condition of salt water intrusion; addressed district restrictions dependent upon the severity of the drought conditions; discussed capacity; and stated that the current Reverse Osmosis building would allow for capacity to be doubled

c. Public Comments: None 00:48:57

d. **Action**: Motion made by Ms. Just with a second by Ms. Sharpe that the Board recommend the City Commission transmit to the State of Florida the 2014 10-Year Water Supply Plan for review including the adoption of related amendments to the Comprehensive Plan.

Vote: Ayes: Mr. Blackman; Mr. Zoellner; Mr. Norris; Mr. Robinson; Ms. Just; Mr. Engel; and Ms. Sharpe
Nays: None
Motion carried seven (7) to zero (0).

F. Unfinished Business

G. New Business

1. 2015 Officer Election

a. Chair:

- **Action**: Motion made by Mr. Robinson with a second by Ms. Just to nominate Wes Blackman as HRPB Chair. There were no other nominations

Vote: Ayes: Mr. Blackman; Mr. Zoellner; Mr. Norris; Mr. Robinson; Ms. Just; Mr. Engel; and Ms. Sharpe
Nays: None
Motion carried seven (7) to zero (0).

b. Vice Chair:

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- **Action**: Motion made by Ms. Sharpe with a second by Mr. Zoellner to nominate Herman Robinson for HRPB Vice-Chair.
  Vote: Ayes: Mr. Blackman; Mr. Zoellner; Mr. Norris; Mr. Robinson; Ms. Just; Mr. Engel; and Ms. Sharpe
  Nays: None
  Motion carried seven (7) to zero (0).

2. Historic Preservation Training: Case Studies; Introduction to Secretary of Interior Standards; and General Preservation Guidelines: Ms. Sunny 00:51:27
   - Stated that items included in the packet included Guidelines for retrofit for historic properties; standards for rehabilitation; additional document included preservation sustainability. Reviewed general guide for historic preservation priorities: Retain and protect; second replace; and if lastly, removal if conditions warranted.
   - Case Studies: Reviewed property case files and specifics of staff decisions
   - Board Discussion: Included questions related to replacement materials costs; discussion of property ownership when considering COAs; discussion tile roof; preference for use of white 3-tab shingle to mimic horizontal lines; insurance considerations limited shingle roofs to 15 year useful life, and concrete tiles were more favorably viewed and considered 30-year roof; that long-term savings on insurance would make the cost less. Discussion of criteria for demonstrating hardship; and truth in testimony during Board review of COA applications. Discussion of concrete tile roof materials with the preference for replacement material. There was also a discussion of insurance as a factor in decision of replacement roof materials; and importance of consistency in decision-making.
   - Ms. Alterman: Advised the Board that sworn testimony was to be truthful, and that the Board had the right to rely on testimony as in a court room; that reconsideration of an approval could be done. She advised consideration that property ownership could change during the construction/alteration process; and that when project design was based upon testimony, the decision of whether to approve was made based upon the testimony provided. Stated that approvals were not given because an applicant requested the approval, but rather approvals were based upon specific criteria. She advised Board members to review established criteria for making a decision, such as code provisions for economic hardship. She advised that the Code provided for process to demonstrate financial hardship which could be followed regardless of ownership. She also suggested review of the Historic Preservation Ordinance, and update to the economic hardship section of the ordinance.

Ms. Sharpe left the meeting at 7:29p.m.

- Ms. Sunny: Provided an example of a metal shingle roof; discussed approval given for metal standing seam; and discussion of 3-tab shingle replacement of metal shingle.

Mr. Robinson left the dais at 7:45pm. And returned at 7:48pm

3. City Attorney: Annual Board Member Training: Ms. Alterman

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a. Sunshine Law: Members as appointed officials were subject to same standards as elected officials; that discussion between two or more members on any topic which could conceivably be reviewed by the Board would be a violation of the sunshine law; stated that sunshine law requirement for meetings to be noticed, and minutes to be taken; and cautioned against responding to e-mails (with the 'Reply All' option)
b. Public Records Law: Use of personal computers, voice mails, etc. as related to board member duties, were subject to public records law
c. Code of Ethics included acting appropriately, not taking gifts, no conflicts of interest, and recusal from vote in quasi-judicial hearings in the case there was a conflict
d. Bases for Decision-Making and Quasi-Judicial Proceedings: Board decisions made based upon the evidence presented at a public hearing, and criteria established by the Code of Ordinances.

6. Planning Issues
   - None

7. Public Comments

8. Departmental Reports

   A. December 2014 Administrative COAs
      - Ms. Sunny: addressed administrative COA applications for December

9. Board Member Comments
   - Mr. Blackman: Stated that a structure in the 300 block of N Palmway had burned; and requested status of 101 South J St
     - Ms. Sunny: Stated that the Building Official was pursuing an emergency demolition of the N Palmway property due to the extent of the damage
   - Ms. Just: Related an encounter at the N Palmway property in which individuals who were presenting themselves as board and secure contractors; but who were not authorized to be on the property. She stated that the individuals reportedly did unauthorized board-and-secure work to fire damaged properties, and then billed insurance companies.
   - Mr. Robinson: Stated that he welcomed Mr. Norris to the Board; commented on earlier discussion of truthfulness of owner statements in reference to the alley width for a North 'L' property; requested an update on the Gulfstream, and Birthday Cake House; and how length of time a permits were allowed to remain open related to property tax appraisals.
     - Mr. Ducoste: responded to question that meeting was scheduled for the current week; and that Staff anticipated discussion of plans for existing hotel and adjacent site. Staff projected Board review in April. Demolition required submittal of concurrent application for new construction. Birthday Cake House was moving on schedule.
   - Mr. Norris: Stated that he lived on 3rd Ave North, and that fire mentioned earlier had resulted in a power outage in his area for several hours. Stated that he was glad to be a part of the Board.
   - Mr. Zoellner: Requested an update on Hummingbird Hotel

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- Mr. Ducoste: Responded that stop work order had been issued for the Hummingbird property
- Ms. Sunny: Responded to status of 101 South J St. as housing for specific persons supported Gulfstream Industries; plans included interior renovations and exterior alterations included like for like; and that project was in permitting.
- Mr. Ducoste: Stated that the property was considered as transitional housing for individuals who would reside there. Information sharing between IT department, GIS, and County could mean an increase in property values.
- Ms. Alterman: Responded that Property Appraiser had an independent system for property valuations

10. Adjournment
Meeting adjourned at 8:11pm

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CITY OF LAKE WORTH

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015 Regular Meeting **DEPARTMENT:** Community Sustainability

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EXECUTIVE BRIEF

TITLE:
Resolution No. 16-2015 – declare 21 properties as surplus and directing the method of sale

SUMMARY:

The Resolution authorizes the review of a city-owned inventory list and determination if any are appropriate for affordable housing, needed for city purposes, or to be offered for sale.

BACKGROUND AND JUSTIFICATION:
State statute and City ordinance require the City Commission to review the list of all real property within the City limits to which the city holds fee simple title. The City Commission must review the list at a public hearing and make a determination if any of the properties are appropriate for affordable housing. If the properties are not appropriate for affordable housing, the Commission must determine if the properties are unusable or not needed for city purposes. The properties that are not appropriate for affordable housing and not usable or needed for city purposes, may be sold by competitive sealed bids or by request for proposal.

Staff has identified 21 properties to be reviewed (all 21 properties are identified on the attached list by PCN, address and legal description). Staff recommends that the City Commission find that the property at 110 North F. Street is appropriate for affordable housing and convey the same to the Lake Worth Community Redevelopment Agency. Staff also recommends that the City Commission find that the remaining 20 properties are not appropriate for affordable housing and not usable or needed for city purposes and should be disposed of as follows:

1.	313 North M Street	RFP with Historic New Construction Covenant
2.	431 North L Street 1	Sealed Bid with Historic Restoration Covenant
3.	622 North H Street	RFP
4.	601 North E Street	RFP
5.	639 Washington Avenue	RFP
6.	711 North L Street	RFP with Historic New Construction Covenant
7.	416 3rd Avenue South 1	RFP with Historic New Construction Covenant
8.	1203 18th Avenue North	RFP with Multiple Parcel Potential
9.	1506 South J Street	RFP
10.	431 North K Street	RFP with Historic New Construction Covenant
11.	624 Highland Avenue	RFP
12.	1526 Wingfield Street	RFP
13.	1756 14th Avenue South	RFP
14.	1101 South E Street	RFP
15.	626 Latona Avenue	RFP
16.	628 North K Street	RFP with Historic New Construction Covenant

17.	629 South H Street	RFP
18.	1527 South Douglas Street	RFP with Multiple Parcel Potential
19.	304 South F Street	RFP
20.	732 South C Street	RFP with Multiple Parcel Potential

Successful disposition of these properties will accomplish returning the properties to productive use and back onto the City's tax roll, eliminate potential blight, reduce on-going maintenance costs, reduce exposure to liability and help offset the City's current fiscal situation.

MOTION:
I move to approve/not approve Resolution No. 16-2015.

ATTACHMENT(S):
Fiscal Impact Analysis
Resolution
Property List

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2014	2015	2016	2017	2017
Capital Expenditures	0	0	0	0	0
Operating Expenditures	0	0	0	0	0
External Revenues	0	$495,358*	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
Net Fiscal Impact	0	$495,358	0	0	0
No. of Addn'l Full-Time Employee Positions	0	0	0	0	0

B. Recommended Sources of Funds/Summary of Fiscal Impact:
*Based on 2014 market value of twenty (20) parcels recommended for disposition. Actual transaction for properties are expected to be higher but may be lower with some properties.

C. Department Fiscal Review: _____

RESOLUTION NO. 16-2015 OF THE CITY OF LAKE WORTH, FLORIDA, DECLARING TWENTY-ONE PROPERTIES ON THE INVENTORY LIST OF ALL CITY OWNED PROPERTY AS SURPLUS; FINDING ONE PROPERTY APPROPRIATE FOR AFFORDABLE HOUSING; FINDING TWENTY PROPERTIES NOT USABLE FOR CITY PURPOSES AND NOT APPROPRIATE FOR AFFORDABLE HOUSING; DIRECTING THE METHOD OF SALE; AND, PROVIDING AN EFFECTIVE DATE.

WHEREAS, Section 2-1 of the City's code of ordinances requires the City Commission to review a list of all real property within the city limits to which the city holds fee simple title; and

WHEREAS, this review must occur at a public hearing to determine if any property is appropriate for affordable housing and, if not, whether usable or needed for city purposes; and

WHEREAS, if a property is appropriate for affordable housing, the City may sell it (and use the proceeds for further affordable housing development); sell it with restrictions for affordable housing; or, donate it to a nonprofit housing organization for permanent affordable housing; and

WHEREAS, for property to be conveyed to the Lake Worth Community Redevelopment Agency (CRA), the City Commission may waive the sale requirements of Section 2-1; and

WHEREAS, if a property is not appropriate for affordable housing and is not usable or needed for city purposes, the City Commission may authorize its sale; and

WHEREAS, the City Commission has reviewed the list of twenty-one (21) properties (attached hereto and incorporated herein) and has determined that all such properties are surplus and not need by the City for its purposes; and

WHEREAS, the City Commission has specifically determined that one (1) property is appropriate for affordable housing and that twenty (20) properties are not appropriate for affordable housing and are unusable; and

WHEREAS, the City Commission finds declaring the twenty-one (21) properties surplus and as further set forth herein as serving a valid public purpose.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF LAKE WORTH, FLORIDA:

Section 1. The foregoing WHEREAS provisions are adopted herein as true and correct statements and findings of the City Commission.

Section 2. The City Commission finds that the property located at 110 N. F Street is appropriate for affordable housing and should be conveyed directly to the CRA consistent with Section 2-1 of the City's code of ordinances (without a minimum bid amount or by sale).

Section 3. For the other twenty (20) properties, the City Commission finds that the properties are not usable, not needed for city purposes and are not appropriate for affordable housing and are to be sold by the following methods:

1.	313 North M Street	RFP with Historic New Construction Covenant
2.	431 North L Street 1	Sealed Bid with Historic Restoration Covenant
3.	622 North H Street	RFP
4.	601 North E Street	RFP
5.	639 Washington Avenue	RFP
6.	711 North L Street	RFP with Historic New Construction Covenant
7.	416 3rd Avenue South 1	RFP with Historic New Construction Covenant
8.	1203 18th Avenue North	RFP with Multiple Parcel Potential
9.	1506 South J Street	RFP
10.	431 North K Street	RFP with Historic New Construction Covenant
11.	624 Highland Avenue	RFP
12.	1526 Wingfield Street	RFP
13.	1756 14th Avenue South	RFP
14.	1101 South E Street	RFP
15.	626 Latona Avenue	RFP
16.	628 North K Street	RFP with Historic New Construction Covenant
17.	629 South H Street	RFP
18.	1527 South Douglas Street	RFP with Multiple Parcel Potential
19.	304 South F Street	RFP
20.	732 South C Street	RFP with Multiple Parcel Potential

Section 4. Effective Date. This Resolution shall take effect immediately upon its adoption.

The passage of this Resolution was moved by Commissioner _____, seconded by Commissioner _____, and upon being put to a vote, the vote was as follows:

Mayor Pam Triolo
Vice Mayor Scott Maxwell
Commissioner Christopher McVoy
Commissioner Andy Amoroso
Commissioner Ryan Maier

Mayor Pam Triolo thereupon declared this Resolution duly passed and adopted on the 5th day of May, 2015.

LAKE WORTH CITY COMMISSION

By:_____
Pam Triolo, Mayor

ATTEST:

_____
Pamela J. Lopez, City Clerk

Attachment

RECOMMEND PARCELS FOR SURPLUS

	ADDRESS	PCN	NOTES	IMP/VAC	LEGAL DESCRIPTION	2014 VALUE
1	313 North M Street	38-43-44-21-15-092-0260	RFP with Historic New Construction Covenant	Vacant	TOWN OF LAKE WORTH LT 26 BLK 92	$22,572
2	431 North L Street 1	38-43-44-21-15-112-0170	Sealed Bid with Historic Restoration Covenant	Vacant	TOWN OF LAKE WORTH LTS 17 TO 19 INC BLK 112	$71,789
3	622 North H Street	38-43-44-21-15-182-0110	RFP	Vacant	TOWN OF LAKE WORTH LT 11 BLK 182	$25,065
4	601 North E Street	38-43-44-21-15-190-0320	RFP	Vacant	TOWN OF LAKE WORTH LT 32 BLK 190	$8,927
5	639 Washington Avenue	38-43-44-34-01-000-0380	RFP	Vacant	OSBORNE ADD AMND LT 38	$9,824
6	711 North L Street	38-43-44-21-15-218-0140	RFP with Historic New Construction Covenant	Vacant	TOWN OF LAKE WORTH LT 14 BLK 218	$31,517
7	416 3rd Avenue South 1	38-43-44-21-15-093-0013	RFP with Historic New Construction Covenant	Improved	TOWN OF LAKE WORTH E 45 FT OF LTS 1 & 2 BLK 93	$18,028
8	1203 18th Avenue North	38-43-44-16-06-003-0310	RFP with Multiple Parcel Potential	Vacant	LAKE WORTH HGTS LTS 31, 33 & UNNUMBERED LT IN SE COR OF BLK 3	$35,640
9	1506 South J Street	38-43-44-27-01-080-0030	RFP	Vacant	ADD 1 TO TOWN OF LAKE WORTH LT 3 BLK 80	$12,708
10	431 North K Street	38-43-44-21-15-114-0170	RFP with Historic New Construction Covenant	Vacant	TOWN OF LAKE WORTH LTS 17 & 18 BLK 114	$42,660
11	624 Highland Avenue	38-43-44-21-10-001-0140	RFP	Vacant	HIGHLANDS LT 14 BLK 1	$17,604
12	1526 Wingfield Street	38-43-44-34-01-000-0630	RFP	Vacant	OSBORNE ADD AMND LT 63	$13,796
13	1756 14th Avenue South	38-43-44-33-45-000-0030	RFP	Vacant	LEPORE ADDN TO CITY OF LAKE WORTH LT 3	$19,455
14	1101 South E Street	38-43-44-21-15-295-0080	RFP	Vacant	TOWN OF LAKE WORTH LT 8 BLK 295	$22,997
15	626 Latona Avenue	38-43-44-34-02-000-0070	RFP	Vacant	AMENDED PL OF LATONA COURT LT 7	$7,368
16	628 North K Street	38-43-44-21-15-176-0140	RFP with Historic New Construction Covenant	Vacant	TOWN OF LAKE WORTH LTS 14 & 15 BLK 176	$45,144
17	629 South H Street	38-43-44-21-15-203-0160	RFP	Vacant	TOWN OF LAKE WORTH LT 16 BLK 203	$17,476
18	1527 South Douglas Street	38-43-44-34-01-000-0570	RFP with Multiple Parcel Potential	Vacant	OSBORNE ADD AMND LTS 57 TO 60 INC	$27,670
19	304 South F Street	38-43-44-21-15-123-0130	RFP	Vacant	TOWN OF LAKE WORTH LTS 13 & 14 & S 10 FT OF LT 15 BLK 123	$31,258
20	732 South C Street	38-43-44-21-15-233-0010	RFP with Multiple Parcel Potential	Vacant	TOWN OF LAKE WORTH LTS 1 & 2 BLK 233	$13,860
					TOTAL	$495,358
21	110 North F Street	38-43-44-21-15-012-0260	Convey to CRA	Vacant	TOWN OF LAKE WORTH LOTS 26 TO 31 INC BLK 12	$109,350

CITY OF LAKE WORTH REAL PROPERTY LIST

PARCEL #	PCN	ADDRESS	LEGAL DESCRIPTION (ABBREVIATED)	VACANT	IMPROVED	TOTAL TAX VALUE	STAFF REVIEW NOTES	STAFF AFFORDABLE/SURPLUS/RETAIN	P&Z AFFORDABLE/SURPLUS/RETAIN	COMMISSION AFFORDABLE/SURPLUS/RETAIN
1	38434421150120260	110 N F ST	TOWN OF LAKE WORTH LOTS 26 TO 31 INC BLK 12	NO	YES	$537,950.00		RETAIN		
2	38434426000010040		26-44-43, N 401.24 FT OF TH PTOF SUBMERGED LAND LYG BET BULKHEAD LINE IN PB26P93 & W R/W LI OF SR A1A & S OF & ADJ TO OLD LAKE AVE R/W (LESS NLY 125.39 FT SR 802 R/W)	YES	NO	$17,201.00		RETAIN		
3	38434433000001030	1699 WINGFIELD ST	33-44-43, S 1/2 OF NE 1/4 (LESS TH PT OF OSBORNE CEMETARY IN PB26P207 & PB50P96)	YES	YES	$5,035,555.00		RETAIN		
4	38434421150540010	202 N H ST	TOWN OF LAKE WORTH LTS 1 TO 7 INC BLK 54	NO	YES	$666,256.00		RETAIN		
5	38434426000010030	A1A	R/W LI OF SR A1A (LESS N 401.24 FT AS IN OR1747P1621)	YES	NO	$52,099.00		RETAIN		
6	38434434000003020	1718 S DOUGLAS ST	34-44-43, S 1/2 OF SE 1/4 OF SW 1/4 OF NW 1/4 (LESS PAR IN OR2031P294, FEC RY & DOUGLAS ST R/WS)	NO	YES	$831,008.00		RETAIN		
7	38434421155170010	414 LAKE AVE	ALLEY LYG W OF & ADJ TO LOT 8 RD R/W)	NO	YES	$1,928,379.00		RETAIN		
8	38434433000001030	1699 WINGFIELD ST	33-44-43, S 1/2 OF NE 1/4 (LESS TH PT OF OSBORNE CEMETARY IN PB26P207 & PB50P96)	NO	YES	$5,035,555.00		RETAIN		
9	00434430010870010	COCONUT RD	PALM BEACH FARMS CO PL 7 LT A BLK 87	YES	YES	$132,300.00		RETAIN		
10	00434420011130060	2402 2ND AVE N	MODEL LAND CO SUB S 25 FT OF N 50 FT OF E 25 FT OF W 198 FT OF TR 113	NO	YES	$270.00		RETAIN		
11	00434430010730010	4653 DAVIS RD	LTS A TO E INC (LESS N 75 FT L-13 CNL R/W) BLK 74	NO	YES	$1,137,341.00		RETAIN		
12	34434417000005040	WATERWAY DR	17-44-43, SE 1/4 OF SE 1/4 OF SE 1/4 OF SE 1/4 S & E OF CUT- OFF CNL	NO	YES	$52,965.00		RETAIN		
13	00434504000007390	1871 HYPOLUXO RD	4-45-43, E 91.37 FT OF N 1019.90 FT & W 250.88 FT OF S 769.02 FT OF N 1019.90 FT OF W1/2 OF E 1/2 OF SW 1/4 OF SW 1/4	NO	YES	$516,880.00		RETAIN		
14	00434504000007210	HILLSIDE LN	4-45-43, ELY 459.05 FT OF S 127.30 FT OF E 1/2 OF NW 1/4 OF SW 1/4	NO	YES	$66,330.00		RETAIN		
15	70434419200520060	ELIZABETH ST	OF TR 53 LYG S OF LWDD CNL IN OR919P967	NO	YES	$165,088.00		RETAIN		
16	38434421152180140	711 N L ST	TOWN OF LAKE WORTH LT 14 BLK 218	NO	YES	$31,143.00	House Demolished. Historic	SURPLUS/HISTORIC COVENANT	SURPLUS/HISTORIC COVENANT	
17	38434416330000150	1765 17TH AVE N	OAK HILL ESTATES LT 15	YES	NO	$58,905.00	Deed Restricted as Preserve	RETAIN		
18	38434421150570173	1109 1ST AVE S	TOWN OF LAKE WORTH N 175 FT OF S 350 FT OF LT 17 BLK 57	NO	YES	$109,533.00		RETAIN		
19	38434421155060040	1005 LUCERNE AVE	TOWN OF LAKE WORTH LTS 4 TO 6 INC BLK G	NO	YES	$154,370.00		RETAIN		
20	38434416060150013	17TH AVE N	LAKE WORTH HGTS E 25 FT OF W 65 FT OF LT 1 BLK E	NO	YES	$19,998.00		RETAIN		
21	38434426000010020	10 S OCEAN BLVD 2	26-44-43, N 900 FT OF S 2198.77 FT OF GOV LT 1 & N 100 FT OF S 1298.77 FT OF GOV LT 1LYG E OF OCEAN BLVD (LESS SR R/W & TH PT OF LAKE WORTH PIERK/A CONCESSION BLDG LEASE PARCEL (LESS TRANSFORMER ROOM)	NO	YES	$10,121,669.00		RETAIN		
22	38434421150560270	211 N H ST	TOWN OF LAKE WORTH LT 27 BLK 56	NO	YES	$17,854.00		RETAIN		
23	~~38434421150820230~~	~~N H ST~~	~~TOWN OF LAKE WORTH LT 23 BLK 82~~	YES	NO	$8,369.00	OK to Sell	SURPLUS	SURPLUS	AFFORDABLE-CONVEYED TO CRA 9/18/2012
24	38434416060060170	1415 N D ST	LAKE WORTH HGTS LTS 17 TO 34 INC BLK 6	NO	YES	$275,688.00		RETAIN		
25	38434421150560250	215 N H ST	TOWN OF LAKE WORTH LTS 25 & 26 BLK 56	NO	YES	$27,207.00		RETAIN		
26	38434421150930013	416 3RD AVE S 1	TOWN OF LAKE WORTH E 45 FT OF LTS 1 & 2 BLK 93	NO	YES	$29,376.00	House Demolished. Historic	SURPLUS/HISTORIC COVENANT	SURPLUS/HISTORIC COVENANT	
27	38434421150920260	313 N M ST	TOWN OF LAKE WORTH LT 26 BLK 92	YES	NO	$17,064.00	OK to Sell.Historic.	SURPLUS/HISTORIC COVENANT	SURPLUS/HISTORIC COVENANT	
28	38434433470000010	705 12TH AVE S	BROWNS CORNER LTS 1 & 2	NO	YES	$14,654.00		RETAIN		
29	38434416060020280	1200 18TH AVE N	LAKE WORTH HEIGHTS LTS 28, 30, 32 & 33 BLK 2	NO	YES	$32,670.00		RETAIN		
30	38434421152050040	610 S H ST	TOWN OF LAKE WORTH LTS 4 TO 6 & LT 7 (LESS RD R/W AS IN OR2671P1522) BLK 205	NO	YES	$66,828.00		RETAIN		
31	38434428070010100	MONTROSE AVE	SUMMIT PARK HIGH SCHOOL SUB LT 10 (LESS S 7 FT) & E 8 FT ABND ALLEY LYG W OF & ADJ THERETO BLK 1	NO	YES	$19,190.00		RETAIN		
32	38434428090020020	515 S A ST	HELENA PARK ADD LTS 2 TO 4 INC (LESS RD R/W IN OR2607P669) & LTS 5 TO 22 INC BLK B	NO	YES	$100,353.00		RETAIN		
33	38434416000060010	900 22ND AVE N	16-44-43, GOV LT 6 (LESS TR INDB1054P148, 22ND AVE N & NORTH D ST R/WS)	NO	YES	$1,690,547.00		RETAIN		
34	38434433000003010	1536 COCHRAN DR	INCLUDED SHOWN ON PLAT OF LAKE OSBORNE ESTS NO 8 (LESS I-95 R/W)	NO	YES	$297.00		RETAIN		
35	38434416060030310	1203 18TH ST N	LAKE WORTH HGTS LTS 31, 33 & UNNUMBERED LT IN SE COR OF BLK 3	YES	NO	$35,640.00	OK to Sell w/ easement	SURPLUS/EASEMENT	SURPLUS/EASEMENT	
36	38434421153160101	1031 N G ST	LAKE WORTH TOWN OF N 160 FT OF LT 10 & S 20 FT OF ABND 11TH AVE N LYG N OF & ADJ TO BLK 316	NO	YES	$8,181.00		RETAIN		
37	38434427010800030	1506 S J ST	ADD 1 TO TOWN OF LAKE WORTH LT 3 BLK 80	YES	NO	$3,660.00	OK to Sell	SURPLUS	SURPLUS	
38	38434416070001680	1413 N D ST	CRESTWOOD LTS 168 TO 201 INC	NO	YES	$221,737.00		RETAIN		
39	38434421151900320	601 N E ST	TOWN OF LAKE WORTH LT 32 BLK 190	YES	NO	$8,927.00	OK to Sell	SURPLUS	SURPLUS/DEED TO ADJACENT/ASSOCIATION	
40	38434421153220010	10TH AVE N	TOWN OF LAKE WORTH LT 1 (LESS RD R/W) & LT 16 (LESS S 40 FT RD R/W) AS IN OR1411P88 & OR1439P254	NO	YES	$297.00		RETAIN		
41	38434421020250010	1900 2ND AVE N	S/D OF 21-44-43, W 1/2 TR 25, W 180 FT OF TR 26 & S 20 FT OF ABND 4TH AVE LYG N OFADJ THERETO	NO	YES	$2,771,902.00		RETAIN		
42	38434416060130014	1112 18TH AVE N	LAKE WORTH HEIGHTS E 25 FT OF W 65 FT OF LT 1 BLK C	NO	YES	$20,252.00		RETAIN		
43	38434421151140170	431 N K ST	TOWN OF LAKE WORTH LTS 17 & 18 BLK 114	YES	NO	$42,660.00	OK to Sell	SURPLUS/HISTORIC COVENANT	SURPLUS/HISTORIC COVENANT	
44	38434421150800170	1109 4TH AVE N	TOWN OF LAKE WORTH LTS 17 & 22 BLK 80	NO	YES	$123,204.00		RETAIN		
45	38434428090020010	716 6TH AVE S	HELENA PARK ADD LT 1 (LESS SLY 39.63 FT I-95 R/W) BLK B	NO	YES	$3,099.00		RETAIN		
46	38434421152330010	732 S C ST	TOWN OF LAKE WORTH LTS 1 & 2 BLK 233	YES	NO	$13,860.00	OK to Sell	SURPLUS	RETAIN/POCKET PARK	
47	38434421020340092	1772 2ND AVE N	S/D OF 21-44-43, W 1/2 E 1/2 OF S 250 FT OF LOT 9 (LESS I-95 R/W) BLK 34	NO	YES	$37,125.00		RETAIN		
48	38434428110010051	ALPINE AVE	WESTWOOD ADD TO LAKE WORTH W 42.5 FT OF LTS 5 TO 14 INC BLK 1	NO	YES	$25,126.00		RETAIN		
49	38434421150210100	10 S K ST	TOWN OF LAKE WORTH LT 10 BLK 21	NO	YES	$17,146.00		RETAIN		
50	38434427010830021	1502 S M ST	ADD 1 TO TOWN OF LAKE WORTH N 1/2 OF LOT 2 & LOTS 3 TO 5 INC BLK 83	NO	YES	$39,172.00		RETAIN		
51	38434421155090121	634 LAKE AVE	TOWN OF LAKE WORTH LT 12 (LESS E 15 FT) BLK K	NO	YES	$61,560.00		RETAIN		
52	38434421100010140	624 HIGHLAND AVE	HIGHLANDS LT 14 BLK 1	YES	NO	$17,604.00	OK to Sell	SURPLUS	SURPLUS	
53	38434416000001170	902 22ND AVE N	16-44-43, N 1005 FT OF GOV LT 2 (LESS N 400 FT & CANAL R/W & TRS IN OR1145P1)	NO	YES	$351,129.00		RETAIN		
54	38434421153180160	1003 N F ST	TOWN OF LAKE WORTH NLY 10 FT OF LOT 16 BLK 318	NO	YES	$297.00		RETAIN		
55	38434421155080011	12 N J ST	TOWN OF LAKE WORTH E 10 FT OF LT 1 & LTS 2 TO 5 INC BLK J	NO	YES	$308,880.00		RETAIN		
56	38434433440000010	1515 WINGFIELD ST	I A BANKS MEMORIAL PARK ALL OF PLAT	NO	YES	$813,752.00		RETAIN		
57	38434420010320030	10TH AVE N	MODEL LAND CO SUB S 15 FT OF W 171.16 FT OF E 314.4 FT OF TR 32	NO	YES	$16.00		RETAIN		
58	38434415000005010	1 7TH AVE N	15/22/27-44-43, TR OF SUBMRG LAND IN TRS DEED 20494 IN DB1034P64 K/A LAKE WORTH MUNICIPAL GOLF COURSE	NO	YES	$3,595,418.00		RETAIN		
59	38434421150680041	232 N A ST	TOWN OF LAKE WORTH N 60 FT OF LT 4 BLK 68	NO	YES	$12,898.00		RETAIN		
60	38434434010000630	1526 WINGFIELD ST	OSBORNE ADD AMND LT 63	YES	NO	$3,974.00	OK to Sell	SURPLUS	SURPLUS	
61	38434421155160011	7 N DIXIE HWY	TOWN OF LAKE WORTH BLK H (LESS W 20 FT, S 5 FT & E 23 FT RD R/W)	NO	YES	$1,330,739.00		RETAIN		
62	38434421150790170	1105 2ND AVE S	TOWN OF LAKE WORTH LT 17 BLK 79	NO	YES	$456,998.00		RETAIN		
63	38434421151760123	626 N K ST 3	TOWN OF LAKE WORTH E 54 FT OF LTS 12 & 13 BLK 176	YES	NO	$12,640.00	OK to Sell.Historic.	SURPLUS/HISTORIC COVENANT	SURPLUS/DEED TO ADJACENT/IF NOT RETAIN	
64	38434421150190220	13 S K ST	TOWN OF LAKE WORTH LT 22 BLK 19	NO	YES	$17,392.00		RETAIN		
65	38434421153140160	10TH AVE N	TOWN OF LAKE WORTH LT 16 (LESS S 40 FT RD R/W) BLK 314	NO	YES	$297.00		RETAIN		
66	38434421020340093	2ND AVE N	S/D OF 21-44-43, W 1/2 W 1/2 OF S 250 OF LT 9 (LESS I-95 R/W) BLK 34	NO	YES	$1,346.00		RETAIN		

CITY OF LAKE WORTH REAL PROPERTY LIST

PARCEL #	PCN	ADDRESS	LEGAL DESCRIPTION (ABBREVIATED)	VACANT	IMPROVED	TOTAL TAX VALUE	STAFF REVIEW NOTES	STAFF AFFORDABLE/SURPLUS/RETAIN	P&Z AFFORDABLE/SURPLUS/RETAIN	COMMISSION AFFORDABLE/SURPLUS/RETAIN
67	38434421151610012	S FEDERAL HWY	LAKE WORTH TOWN OF LT 1 (LESS E 40 FT & S FEDERAL HWY R/W) BLK 161	NO	NO	$5,865.00		RETAIN		
68	38434421150140010	1020 LUCERNE AVE	TOWN OF LAKE WORTH LTS 1 THRU 31 BLK 14	NO	YES	$4,942,988.00		RETAIN		
69	38434416330000160	1759 17TH AVE N	OAK HILL ESTATES LT 16	YES	NO	$58,905.00	Deed Restricted as Preserve	RETAIN		
70	38434428580000000	1724 12TH AVE S	INPB29P160, WEST ADDITION IN PB29P161 & REPLAT IN PB29P162	NO	YES	$663,246.00		RETAIN		
71	38434428070010090	MONTROSE AVE	SUMMIT PARK HIGH SCHOOL SUB LT 9, S 7 FT OF LT 10 & E 8 FT ABND ALLEY LYG W OF & ADJ THERETO BLK 1	NO	YES	$15,147.00		RETAIN		
72	38434421150210080	14 S K ST	TOWN OF LAKE WORTH LOT 8 BLK 21	NO	YES	$17,146.00		RETAIN		
73	38434426000010010	10 S OCEAN BLVD 2	26-44-43, S 400 FT OF N 470 FT OF GOV LT 1 LYG E OF SR A1A, OLD SR 802 & ABND OLD A1A	NO	YES	$7,405,453.00		RETAIN		
74	38434433450000030	1756 14TH AVE S	LEPORE ADDN TO CITY OF LAKE WORTH LT 3	YES	NO	$19,455.00	OK to Sell	SURPLUS	SURPLUS	
75	38434421150190230	19 S K ST	TOWN OF LAKE WORTH LTS 23 TO 28 INC BLK 19	NO	YES	$104,171.00		RETAIN		
76	38434421151150142	711 3RD AVE S	TOWN OF LAKE WORTH E 45 FT OF LTS 14 TO 16 INC BLK 115	YES	NO	$36,644.00	OK to Sell w/ easement.Historic.	SURPLUS/EASEMENT/HISTORIC COVENANT	SURPLUS/DEED TO ADJACENT/HISTORIC	
77	38434421080030121	SUNSET AVE	HILLCREST-LAKE WORTH ELY 5.75 FT OF LT 12 & ELY 22 FT OF LT 13 BLK 3 AS IN OR2535P354	NO	YES	$693.00		RETAIN		
78	38434416060210010	N A ST	LAKE WORTH HGTS LT 1 (LESS E 50 FT -A- ST R/W) BLK K BEING PB8P6 AMENDED PL OF BLKS K L & M	NO	YES	$297.00		RETAIN		
79	38434415160180070	1803 N FEDERAL HWY	NORTH LAKE WORTH TH PT LTS 7 TO 12 INC LYG W OF FED HWY BLK 18 AS IN DB830P220	NO	YES	$164,657.00		RETAIN		
80	38434421150540280	201 N DIXIE HWY	TOWN OF LAKE WORTH LTS 28 THRU 32 (LESS E 8.5 FT & SELY RET COR SR 805 R/W BLK 54	NO	YES	$143,963.00		RETAIN		
81	38434428280090010	1749 3RD AVE S	S/D OF 28-44-43, W 1/2 TR 9 & TH PT OF S 1/2 ABND 3RDAVE S LYG N OF & ADJ THERETO	NO	YES	$528,444.00		RETAIN		
82	38434433130060082	1351 BARTON RD	S/D OF 33-44-43, E 1/2 OF W 1/2 N 50 FT OF S 82 FT OF W 282 FT OF TR 6 (BEING PT OF LT 53 UNREC PL OF SHADOWLAWN ESTS)	NO	YES	$17,510.00		RETAIN		
83	38434428080000170	520 SUNRISE CT	SUNRISE COURT LTS 17 TO 22 INC	NO	YES	$64,027.00		RETAIN		
84	38434421152950080	1101 S E ST	TOWN OF LAKE WORTH LT 8 BLK 295	YES	NO	$22,997.00	OK to Sell	SURPLUS	SURPLUS	
85	38434416110000161	1781 16TH AVE N	LAKE CLARKE SOUTH TH PT OF LT 16 LYG E OF I-95 R/W AS IN OR2424P972	YES	NO	$8,712.00	Not OK to Sell. Water main.	RETAIN		
86	38434421153200160	N E ST	TOWN OF LAKE WORTH LT 16 (LESS S 40 FT RD R/W) BLK 320	NO	YES	$297.00		RETAIN		
87	~~38434421155040130~~	~~1310 LAKE AVE~~	~~TOWN OF LAKE WORTH LTS 13 & 14 BLK D~~	NO	YES	$69,631.00	Title Issues/Foreclosed Mtg.	RETAIN		
88	38434434020000070	626 LATONA AVE	AMENDED PL OF LATONA COURT LT 7	YES	NO	$2,122.00	OK to Sell	SURPLUS	SURPLUS	
89	38434421020050060	10TH AVE N	S/D OF 21-44-43, W 1/2 W 25 FT OF W 1/2 OF TR 5 (LESS S 20 FT)	NO	YES	$108.00		RETAIN		
90	38434428080000230	526 SUNRISE CT	SUNRISE COURT LOT 23	NO	YES	$76,309.00		RETAIN		
91	38434416000003000	1801 22ND AVE N	16-44-43, TR OF RECL LAKE BOTTOM LAND IN LAKE CLARKE IN NW 1/4 IN TRS DEED 21018 (LESSI-95 R/W)	NO	NO	$405,086.00		RETAIN		
92	38434421150210090	12 S K ST	TOWN OF LAKE WORTH LOT 9 BLK 21	NO	YES	$17,146.00		RETAIN		
93	38434421152870101	912 12TH AVE S	TOWN OF LAKE WORTH LT 10 /LESS W 100 FT/ BLK 287	YES	NO	$6,421.00	OK to Sell	SURPLUS	SURPLUS/DEED TO ADJACENT	
94	38434421151760140	628 N K ST	TOWN OF LAKE WORTH LTS 14 & 15 BLK 176	YES	NO	$34,128.00	OK to Sell. Has easement.Historic.	SURPLUS/EASEMENT/HISTORIC COVENANT	SURPLUS/EASEMENT/HISTORIC COVENANT	
95	38434428000010020	1500 LAKE OSBORNE DR	28-44-43, GOV LT 1 (LESS TR INDB134P136, N 740 FT OF W 817 FT & SAL RY R/W)	NO	YES	$197,425.00		RETAIN		
96	38434421152030160	629 S H ST	TOWN OF LAKE WORTH LT 16 BLK 203	YES	NO	$7,706.00		SURPLUS	SURPLUS	
97	38434416150010070	1837 15TH AVE N	LAKE CLARKE TERRACE LT 7 BLK 1	YES	NO	$50,746.00	Not OK to Sell. Water + Sewer	RETAIN		
98	38434433310000010	WINGFIELD ST	OSBORNE CEMETERY ALL OF PLAT (LESS ABNDED PT IN OR4464P734) BEING LTS 1 THRU 24 BLK 1 & LTS 1 THRU 251 BLK 3	NO	YES	$23,562.00		RETAIN		
99	38434421151120170	431 N L ST 1	TOWN OF LAKE WORTH LTS 17 TO 19 INC BLK 112	NO	YES	$124,619.00	OK to Sell.Historic.	SURPLUS/HISTORIC COVENANT	SURPLUS/HISTORIC COVENANT	
100	38434416080000170	1793 18TH AVE N	IXORA GARDENS LT 17 (LESS I-95 R/W AS IN OR2228P1045)	YES	NO	$4,039.00	Not OK to Sell. Water main.	RETAIN		
101	38434428280140021	LAKE OSBORNE DR	S/D OF 28-44-43, W 1/2 SLY 1312.09 FT OF W 15 FT OF TR 14	NO	YES	$53,729.00		RETAIN		
102	38434415160120010	N FEDERAL HWY	NORTH LAKE WORTH LT 1 (LESS R/W SR 5) BLK 12 AS IN DB445P112 & DB830P220	NO	YES	$1,980.00		RETAIN		
103	38434428090010010	518 SUNRISE CT	HELENA PARK ADD LTS 1 & 2 (LESS I-95 R/W) & LTS 3 TO 11 INC BLK A	NO	YES	$77,798.00		RETAIN		
104	~~38434421152660010~~	~~902 N C ST~~	~~TOWN OF LAKE WORTH LT 1 BLK 266~~	NO	YES	$52,945.00	Title Issues/Foreclosed Mtg.	SURPLUS	SURPLUS	
105	38434421152850010	S H ST	TOWN OF LAKE WORTH LT 1 BLK 285	YES	NO	$12,674.00		RETAIN		
106	38434434030000310	TRUMAN AVE	PARKVIEW HEIGHTS LT 31	NO	YES	$297.00		RETAIN		
107	38434428070010060	125 MONTROSE AVE	SUMMIT PARK HIGH SCHOOL SUB LTS 6 & 7, E 8 FT OF ABND ALLEY & N 20 FT OF ABND 2ND AVE SO LYG S OF & ADJ TO LT 6 BLK 1	NO	YES	$32,967.00		RETAIN		
108	38434421152500092	N G ST	TOWN OF LAKE WORTH N 50 FT OF S 150 FT OF LT 9 & LOT 10 BLK 250	YES	NO	$80,190.00	Not OK to Sell. Water main.	RETAIN		
109	38434420150020000	1229 DETROIT ST	WAYNE L AKERS SUB NO 1 TRACT B	NO	YES	$356,705.00		RETAIN		
110	38434421020210010	1900 2ND AVE N	S/D OF 21-44-43, W 1/2 TR 21 (LESS N 20 FT OF E 266.65 FT) & N 20 FT OF ABND 4TH AVE LYG S OF & ADJ THERETO	NO	YES	$2,045,682.00		RETAIN		
111	38434421152080100	N G ST	TOWN OF LAKE WORTH LT 10 BLK 208	YES	NO	$71,280.00	Not OK to Sell. Water main.	RETAIN		
112	38434428070010080	MONTROSE AVE	SUMMIT PARK HIGH SCHOOL SUB LT 8 & E 8 FT ABND ALLEY LYG W OF & ADJ THERETO BLK 1	NO	YES	$13,365.00		RETAIN		
113	38434428080000130	SUNRISE CT	SUNRISE COURT LT 13	YES	NO	$17,510.00	Not OK to Sell. Water+Concentrate	RETAIN		
114	38434421151820110	622 N H ST	TOWN OF LAKE WORTH LT 11 BLK 182	YES	NO	$11,253.00	OK to Sell	SURPLUS	SURPLUS/DEED TO ADJACENT	
115	38434416000001180	818 WORTHMORE DR	16-44-43, GOV LT 2 (LESS NLY 1005 FT, TR IN DB818P580, TRS IN DB913P273 & DB1054P148)	NO	YES	$87,034.00		RETAIN		
116	38434434010000380	639 WASHINGTON AVE	OSBORNE ADD AMND LT 38	YES	NO	$2,829.00	OK to Sell	SURPLUS	SURPLUS/DEED TO ADJACENT	
117	38434434020000470	623 LATONA AVE	AMENDED PL OF LATONA COURT LT 47	NO	YES	$3,272.00		RETAIN		
118	38434428110010031	1811 6TH AVE S	WESTWOOD ADD TO LAKE WORTH W 5 FT OF LT 3 (LESS I-95 R/W) BLK 1	NO	YES	$265.00		RETAIN		
119	38434421070000110	1941 7TH AVE N	LAKE WORTH INDUSTRIAL PARK LTS 11 & 12	NO	YES	$80,591.00		RETAIN		
120	38434421020120110	BARNETT DR	S/D OF 21-44-43, W 1/2 WLY 25 FT OF TR 12 DETROIT ST RD R/W	NO	YES	$86.00		RETAIN		
121	38434428070020010	117 COLLEGE ST 3	SUMMIT PARK HIGH SCHOOL SUB LTS 1 TO 16 INC, S 1/2 OF ABND 2ND AVE S LYG N OF & ADJ TO LTS 1 & 16, N 1/2 OF ABND 3RD AVE S LYG S OF & ADJ TO LTS 8 & 9, ABND ALLEY LYG E OF & ADJ TO LTS 1 TO 8 INC & W OF &ADJ TO LTS 9 TO 16 INC BLK 2	NO	YES	$384,040.00		RETAIN		
122	38434428280050010	117 COLLEGE ST 1	S/D OF 28-44-43, W 1/2 TRS 5 & 10 & ABND COLLEGE ST LYG E OF & ADJ TO TR 5	NO	YES	$3,205,341.00		RETAIN		
123	38434434010000570	1527 S DOUGLAS ST	OSBORNE ADD AMND LTS 57 TO 60 INC	YES	NO	$27,670.00	OK to Sell	SURPLUS	SURPLUS	
124	38434434020000340	725 LATONA AVE	AMENDED PL OF LATONA COURT LTS 34 & 35	YES	NO	$4,183.00	Not OK to Sell. Water main.	RETAIN		
125	38434421155150010	1121 LUCERNE AVE	TOWN OF LAKE WORTH LTS 1 TO 6 & LTS 11TO 16 INC BLK F	NO	YES	$371,592.00		RETAIN		
126	38434421020340080	1761 3RD AVE N	S/D OF 21-44-43, W 1/2 LT 8 BLK 34	NO	YES	$133,650.00		RETAIN		
127	38434428280150011	SOUTH WATER TOWER	S/D OF 28-44-43, W 1/2 E 17 FT OF TR 15 & TR 16	NO	YES	$433,793.00		RETAIN		
128	38434421151230130	304 S F ST	TOWN OF LAKE WORTH LTS 13 & 14 & S 10 FT OF LT 15 BLK 123	YES	NO	$31,258.00	OK to Sell	SURPLUS	SURPLUS	
129	38434421155100060	15 N M ST	TOWN OF LAKE WORTH LTS 6 TO 8 INC BLK L	NO	YES	$833,378.00		RETAIN		
130	~~38434428070010030~~	~~116 COLLEGE ST~~	~~20 FT ABND 2ND AVE S LYG S OF & ADJ TO LT 5 BLK 1~~	NO	YES	$196,026.00	New Parcel-Lake Worth High School	RETAIN		
131	38434415160500010	LAKESIDE DR	NORTH LAKE WORTH LTS 1 TO 3 INC (LESS W 110 FT & LTS 4 TO 8 INC (LESS W 250 FT) BLK A & LTS 1 TO 17 INC (LESS W 250 FT) BLK B K/A LAKEWORTH MUNICIPAL GOLF COURSE	NO	YES	$474,919.00		RETAIN		

CITY OF LAKE WORTH

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015, Regular Meeting **DEPARTMENT:** Public Services

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EXECUTIVE BRIEF

TITLE:
Resolution No. 17-2015 – designate five trees located in the Cultural Plaza as historic

SUMMARY:

This Resolution is the second of a two part process to designate five 100+ year old trees as historic in the City's Cultural Plaza.

BACKGROUND AND JUSTIFICATION:
At the March 12, 2015, City Tree Board meeting, the Board discussed nominating five of Cultural Plaza trees as historic. Starting at Federal Highway and moving west along Lucerne Avenue, these five trees are described as:

- #1 Ficus altissima - Council Tree/ Lofty Fig, 45' tall 120"Diameter Breast Height 107' X 74" Spread
- #2 Ficus altissima - Council Tree/ Lofty Fig, 45' tall 130"Diameter Breast Height 75' X 80" Spread
- #3 Ficus altissima - Council Tree/ Lofty Fig, 45' tall 134"Diameter Breast Height 75' X 90" Spread
- #4 Ficus altissima - Council Tree/ Lofty Fig, 55' tall 118"Diameter Breast Height 92' X 87" Spread
- #5 Ficus aurea - Strangler Fig (Native), 45' tall 120"Diameter Breast Height 107' X 79" Spread

The historic designation for these trees will be "Ficus SPP" due to a debate as to whether these are Banyan trees (Ficus Bengnalensis). The "Ficus SPP" designation is used when the genus is known, but the species is unknown. At the suggestion of the City's Horticultural Technician, staff will submit leaf samples to the University of Florida Herbarium to gain a positive identification. This is a free service.

Per the City's Environmental Regulations, Article 6, Section 23.6-1 (attached to this agenda item and highlighted on pages 18 & 19 in yellow), these trees fall within the description as "irreplaceable by the City due to size, age, and historic, aesthetic, or cultural significance". Also attached is the City Tree Board's letter of designation. It is the intention of City staff to move through this tree designation process as outlined in the Regulations. On April 21, 2015, the City Commission unanimously voted to approve the nomination of five Cultural Plaza Ficus trees as historic. This item is now being brought back to the Commission to render a decision on the recommended designations.

MOTION:
I move to approve / disapprove Resolution No. 17-2015 to designate five Ficus Trees in the Cultural Plaza as historic.

ATTACHMENT(S):
Fiscal Impact Analysis – not applicable
City Tree Board Letter of Designation – Cultural Plaza Trees as Historic
Landscape Regulation
Resolution

Lake Worth City Tree Board
7 North Dixie Highway ·
Lake Worth, Florida 33460 ·
Phone: 561-586-1677·

17 March 2015

Dear Mayor Triolo and City Commissioners,

At our March 12, 2015 meeting, David McGrew, City Tree Board advisor, brought to the attention of the Board a request by Mrs. Helen Greene to designate two Philippine banyan trees, located between Lucerne and City Hall Annex in the Lake Worth Cultural Plaza, as historic.

These Banyan trees were planted by Bertha Gainer in 1914. Mrs. Green's in-laws are a Lake Worth Pioneer family and Helen's mother-in-law Roberta Greene was friends with Ms. Gainer.

Mrs. Greene feels that if the City designates these trees as historic that it may make the City eligible for grants to properly maintain the trees going forward.

The Tree Board recognizes the historic value of the 100-year old Philippine Banyans and the value of preserving these trees as long as it is feasible.

The Board did not discuss what type of maintenance the Banyans need, and do not know how much money needs to be allocated for proper care. The Board and our staff advisor concurred that an evaluation by an outside expert would help the City determine the tree's needs.

The Board did express that the trees do need proper maintenance for the duration of tree's existence due to public safety concerns as well as protection of City Hall Annex, which is listed on the National Historic Register.

The Board also expressed going forward, at the point when these trees are no longer viable, that this species is not the right tree to replace in this location.

Sincerely,

Richard Stowe
Chair, City Tree Board

Article 6. Environmental Regulations

Section 23.6-1. Landscape Regulations

a) *Purpose.* The objective of this section is to provide minimum standards for the installation and maintenance of landscaping within the City. This section shall apply to all real properties private or publicly owned within the City.

This section is further intended to fulfill objectives as contained within the conservation element of the City's comprehensive plan, by providing for:

- Conservation of potable and nonpotable water.
- Implementation of Florida Friendly Landscaping Principles™.
- Maintenance of permeable land areas essential to surface water management and aquifer recharge.
- Implementation of the preservation of existing plant communities.
- Eradication of prohibited and controlled species referenced in paragraph k).
- Implementation of the planting of site-specific native and drought-resistant plant materials creating larger and more connected plant populations.
- Establishment of guidelines for the installation and maintenance of landscape material and irrigation systems.
- Reduction of air, noise, heat, and chemical pollution through the biological filtering capacities of trees.
- Implementation of energy conservation through the creation of shade and promoting an aesthetic appearance for the community.
- Provision of food, cover and creating habitat for birds, butterflies, and other wildlife.
- Reduction of the financial costs of landscape maintenance.
- Encouragement of creative landscaping designs.

b) *Applicability.* This section shall be a minimum standard and shall apply to all existing and newly developed public and private buildings, developments, and land within the incorporated areas of the City. This section shall also apply to the expansion or renovation of any existing development when the expansion or renovation of the existing development is equal to twenty-five percent (25%) of the assessed value of the improvements according to the Property Appraiser or when the total square footage of a structure is expanded by twenty-five percent (25%) or greater.

c) *Site design requirements.* The following will be adhered to in the preparation of landscaping plans:

1. *Water conservation.* All landscape plans must be created to implement water conservation by providing for:

    - Preservation of existing native plants;
    - Re-establishment of native plants;

- Use of plant materials adapted to the existing or modified site conditions;
- Use of shade trees to promote water conservation;
- Limit amounts of lawn grass areas to outdoor gathering or recreational areas only; and
- Retention of storm runoff on site.

2. *Preservation and promotion of native plants.* Native plant communities should be preserved to the greatest extent possible by incorporating them into the open space plan. Those communities that are designated to remain shall be preserved with trees, undergrowth and ground cover, the exception being the eradication of all growth of prohibited and controlled plant species as provided in this section. (See paragraph j). All preservation areas shall be staked and taped.
3.
4. Protection of trees during construction. (See also paragraph p), Tree Preservation). It shall be unlawful for any person in the construction of any structure or other improvement to place material, machinery or temporary soil deposits within the drip line of any tree, and during construction the builder shall be required to erect suitable protective barriers around all such trees to be preserved. Also during construction, no attachments or wire other than protective guy wires shall be attached to any of said trees. Trees designated for protection during construction that do not survive will be replaced by the owner of the property with a tree of equal size or an equivalent number of trees based on trunk diameter.

5. Native communities. For properties of one acre or more that include native communities, such communities must be preserved to the extent that at least twenty-five percent (25%) of the required open space must be in the form of preserved natural communities. Properties that include less than 25% of open space in native communities shall preserve the existing communities to the greatest extent possible or may be reestablished elsewhere on the site.

6. Native species required. A minimum of fifty percent (50%) of all required trees must be native and fifty percent (50%) of all other required plants must be native or drought tolerant.

7. Site-specific planting material. All plants should be appropriate to the conditions in which they are planted. If planted in sandy soil, they should be able to withstand reduced water conditions. If planted around ponds or retention areas, they should be able to withstand wet conditions. All plants should possess noninvasive growth habits. Appropriate native or drought tolerant plant material will survive and flourish with low to no irrigation supplemental to rainfall.

d) *Landscape design standards.* The following are the minimum standards for the design and installation of all landscaping within the City of Lake Worth:

1. *Design:*

   - Florida Friendly Landscaping Principles™ must be utilized in all designs and installations. Consideration of site size, shape and soil type must be utilized to minimize irrigation waste. Efficient irrigation systems which permit the appropriate delivery of water for different types of plants. Consideration should be given to sprays, low volume drips, and bubblers. Alternative water sources such as a well, cistern, or rain barrel should be utilized. The lowest quality water feasible should be used for irrigation before finished utility water whenever possible.

   - Organic mulches in conjunction with ground covers should be used to reduce turf areas. Utilize mulches whenever possible to prevent weed growth, retain water and increase the organic content of the soil.

   - Implement the use of drought tolerant trees and shrubs for energy conservation by encouraging cooling through the provision of shade and the channeling of breezes, thereby helping to offset global warming and local heat island effects,

   - Appropriate maintenance shall be provided to preserve the intended beauty and conserve water.

2. *Installation.* Care must be given to install all landscape carefully in accordance with sound horticultural procedures and meet applicable City code requirements. New impervious surfaces shall not be placed within five feet (5') of the trunk of a tree.

3. *Quality.* All plant material must be healthy, disease free, and hardy for South Florida's climate.

4. *Trees.* If minimum landscaping requirements (defined in paragraph f)) are not already met, then newly planted tree species shall be at least twelve (12) feet in height at the time of planting, with a minimum of four (4) feet of single straight trunk with a six-foot spread of canopy and a minimum trunk caliper of three (3) inches measured at a point four and one-half (4 1/2) feet above ground level. A small tree is less than twenty (20) feet tall at maturity, a medium tree is twenty-thirty (20 –30) feet tall at maturity, and a large tree is greater than thirty (30) feet tall at maturity.

   Where a certain minimum number of trees are required to be provided in compliance with this section, the following minimum number of species shall also be provided:

TABLE INSET:

Required Number of Trees	Minimum Number of Species
1-- 3	1
4 - 6	2
7 - 15	3
16 - 45	4
46 - 100	5
101 and over	6

5. *Palms.* Palms shall contribute no more that 25% of the required trees. Palms considered susceptible to lethal yellowing shall not be used to fulfill this requirement. Palms that do not have a fifteen-foot spread of crown when mature will be clustered in threes and three (3) Coconut, Sabal, or Royal Palm trees will equal one shade tree. Palm trees must be a minimum of twelve (12) feet in height with six (6) feet of grey wood at time of planting. The use of native palms is encouraged.

6. *Hedges.* Hedges shall be a minimum of two (2) feet in height when measured immediately after planting. Hedges, where required, shall be planted and maintained so as to form a continuous, unbroken, solid, visual screen within a maximum of one year after planting. To qualify as a hedge, shrubs shall be spaced a maximum of twenty-four (24) inches, center to center, with the branches touching at the time of planting.

7. *Turf/grass*. A major portion of water demand used for landscape purposes is used to irrigate lawn areas; therefore it is recommended that turf/grass areas outside of gathering or recreational areas be:
   - Converted to natural plant communities; or
   - Planted as redeveloped native areas; or
   - Planted in traditional mixes of native and/or South Florida climatized trees, shrubs and living ground covers. Properly managed non-grass landscape developments of appropriate plantings will typically be able to survive Florida's natural climate with minimum maintenance.
   - Management of turf/grass areas should follow the methods outlined in the Guide to Florida Friendly Landscaping Principles.

8. *Ground covers.* Living ground covers and native grasses used in lieu of turf or sod, in whole or part, shall be planted at such spacing to present a finished appearance and reasonably complete coverage.

9. *Vines.* Vines may be used in conjunction with fences, screens or walls. Use of native vines is encouraged.

10. *Organic mulches.* Organic mulches shall be used in combination with living plants as part of a landscape design as provided in this section. However, organic mulches shall not, by themselves, constitute landscaping. No more than twenty-five (25) percent of a front or side street setback or yard may be comprised of mulch independent of living plant materials. All planting areas shall incorporate the use of organic mulch and it shall be applied to a minimum depth of three (3) inches. A layer of organic mulch shall be required in plant beds and around individual trees in turf grass areas. The use of cypress mulch is discouraged.

11. *Vegetable and fruit gardens.* Vegetable and fruit gardens are allowed so long as the minimum landscape requirements for the site are met.

e) *Site Restoration.* All existing landscaping, pavement, and grade of areas affected by work must be restored to original condition or to the satisfaction of the governing authority. The developer must verify that the pipeline trenches have been properly compacted to the densities required by the plans and specifications.

f) *Minimum landscape requirements:*

1. *New and existing single-family and duplex properties.* New and existing single-family and duplex properties shall apply the following minimum standards for landscaping:

(a) The landscaping shall meet or exceed the minimum number of landscape points required.

lot area 0 <3,500 sq. ft.	50 landscape points
lot area 3,500 < 7,000 sq. ft.	100 landscape points
lot area > 7,000 sq. ft.	150 landscape points
One large tree	10 landscape points
One medium tree	7 landscape points
One small tree	5 landscape points
One shrub =	2 landscape points
Turf/grass =	0 landscape points

(b) A landscape point is a measurement describing the amount of required plant material in flexible units based on the landscape point values in the above table.

(c) Fifty percent (50%) of the landscape points must be planted within the front yard and 50% percent (50%) of the landscape points within the remaining portion of the landscaped areas.

(d) One (1) shade tree shall be planted for every two thousand five hundred

(2,500) square feet or part thereof of lot area. Existing trees preserved on the site may be credited toward this tree requirement. At least one (1) shade tree shall be placed in the front yard.

(e) All other lot areas not covered by driveways or structures shall be planted with living ground cover or other approved landscape materials.

(f) The area between the property line and the edge of pavement of the abutting right-of-way shall be landscaped, and provided with irrigation and maintenance. Rock, gravel, concrete or asphalt is expressly prohibited from being used in the right-of-way.

(g) All refuse container storage areas and all ground mechanical equipment visible from an adjacent property or an adjacent street shall be screened with vision obscuring fencing or hedging. A vision obscuring gate may be used in conjunction with fencing or hedging.

(h) For duplexes that have a parking lot that does not require back-out parking, the screening specified for new multi-family units shall be required.

2. *New and existing multiple family, commercial and industrial development.* On the site of a building or open-lot use providing an off-street parking, storage or other vehicular use area, where such an area will not be screened visually by an intervening building or structure from an abutting right-of-way or dedicated alley, landscaping shall be provided as follows:

(a) Perimeter requirements adjacent to public and private rights-of-way:

1. A strip of land at least ten (10) feet in depth located between the off-street parking area or other vehicular use area and the right-of-way shall be landscaped. The landscaping shall consist of at least one (1) tree for each twenty (20) linear feet or fraction thereof. The trees shall be located between the right-of-way line and the off-street parking or vehicular use area. The remainder of the landscape area shall be landscaped with living ground cover and organic mulch.

Additionally, a hedge, wall or other durable landscape area shall be placed along the interior perimeter of the landscape strip. If a hedge is used (see paragraph c), it must attain a minimum height of three (3) feet above the finished grade of the adjacent vehicular use or off-street parking area within one (1) year of planting.

If a nonliving barrier is used, it shall be a minimum of three (3) feet above the finished grade of the adjacent vehicular use. Nonliving barriers shall require additional landscaping to soften them and enhance their appearance.

For each five (5) feet of nonliving barrier, two (2) shrubs or vines shall be planted along the street side of the barrier, in addition to tree requirements. Earth berms may be used only when installed in conjunction with sufficient plant materials to satisfy the screening requirements. The slope of the berm shall not exceed a 3:1 ratio.

Hedges for multi-family projects which are used to separate a residential use from an adjacent arterial or collector road right-of-way may attain a height of eight (8) feet to mitigate the impact of the adjacent roadway, unless otherwise prohibited. A visibility triangle shall be maintained (see section 23.4-4).

Perimeter hedging installed to effect screening of storage areas must be a minimum of four (4) feet in height at the time of installation and be permitted to grow to a height to conceal the materials being stored. Perimeter shade trees are required to be planted every twenty (20) feet and are not permitted to be clustered. Palm trees used for the purpose of street trees must be planted in clusters of three (3) with no palm being planted further than ten (10) feet apart.

2. The unpaved portion of the right-of-way adjacent to the property line shall be landscaped and provided with irrigation and maintenance.

(b) Perimeter landscaping requirements relating to abutting properties:

1. A landscaped screen shall be provided between the off-street parking area or other vehicular use area and abutting properties. The landscape screen may be two (2) feet in height at the time of planting and shall achieve and be maintained at not less than three (3) feet and no greater than six (6) feet in height to form a continuous screen between the off-street parking area or vehicular use area and such abutting property. This landscape screen shall be located between the common lot line and the off-street parking area or other vehicular use area in a planting strip of not less than five (5) feet in width. In addition, one (1) shade tree shall be provided for every twenty (20) linear feet of such landscaped screen or fraction thereof.

2. Where any commercial or industrial area abuts a residential zoning district in addition to requirements established for district boundary line separators in the zoning code one (1) shade tree shall be planted every twenty (20) feet to form a solid tree line.

3. The provision for perimeter landscape requirements relating to abutting properties shall not be applicable where a proposed parking area or other vehicular use area abuts an existing hedge or established tree line. The existing hedge and trees may be used to satisfy the landscape requirements provided the existing material meets all applicable standards. The landscape

strip, a minimum of five (5) feet in depth, however, is still required, and must be landscaped with living ground cover. If the existing landscaping does not meet the standards of this section, additional landscaping shall be required as necessary to meet the standards. In the event that the landscaping provided by the adjacent property which has been used to satisfy the landscaping requirements for the property making application is ever removed, the property heretofore using the existing vegetation to satisfy landscaping requirements must then install landscaping as required to comply with the provisions of this code.

3. *Interior landscape requirements for parking and other vehicular use areas*.

(a) The amount of interior landscaping within off-street parking areas shall amount to no less than twenty (20) percent of the total area used for parking and accessways.

(b) There shall be a group of palms or a shade tree for every one hundred (100) square feet of required interior landscaping. No more than twenty-five (25) percent of these required trees shall be palms.

(c) Landscape islands which contain a minimum of seventy-five (75) square feet of plantable area, with a minimum dimension of eight (8) feet, exclusive of the required curb, shall be placed at intervals of no less than one (1) landscaped island for every ten (10) parking spaces. One (1) shade tree or equivalent number of palm trees shall be planted in every interior island.

(d) Each row of parking spaces shall be terminated by landscape islands with dimension of eight (8) feet in width, exclusive of curbs. An exception to this requirement is when a landscaped area exists at the end of the parking row.

(e) Whenever parking tiers abut, they shall be separated by a minimum five (5) foot wide landscape strip. This strip shall be in addition to the parking stall. Non-mountable curbs are not required for these landscaping strips, provided carstops are installed. Should carstops not be installed the landscape strip shall be a minimum of nine (9) foot wide and be provided a non-mountable curb.

(f) Perimeter landscape strips which are required to be created by these land development regulations shall not be credited to satisfy any interior landscaping requirements; however, the gross area of perimeter landscape strips which exceed minimum requirements may, upon approval by the building department, be credited to partially satisfy the interior landscape requirements of this section.

(g) Interior landscaping in both parking areas and other vehicular use areas

shall, insofar as possible, be used to delineate and guide major traffic movement within the parking area so as to prevent cross-space driving wherever possible. A portion of the landscaping for interior parking spaces, not to exceed twenty-five (25) percent of the total requirement, may be relocated so as to emphasize corridors or special landscape areas within the general parking area or adjacent to buildings located on the site, if helpful in achieving greater overall aesthetic effect. Such relocated landscaping shall be in addition to the perimeter landscaping requirements.

(h) All dumpster and refuse areas and all ground level mechanical equipment shall be screened with shrubbery or with fencing where visible from public rights of ways.

(i) Landscaping may be permitted in easements only with the written permission of the easement holder. Written permission shall be submitted as part of the site plan or landscape plan review.

(j) All landscaped areas shall be provided with an irrigation system, automatically operated, to provide complete coverage of all plant materials to be maintained. This system should be designed to automatically shut off when raining. The source of water may be either from City water or non-potable water. The use of recycled water is encouraged.

g) *Permit required.* Prior to new development or clearing of real property, a permit shall be obtained from the City building department. Trees are protected by a special ordinance. (See paragraph p), Tree Preservation.)

1. Permits for the removal of vegetation from any real property shall be issued only to licensed general contractors, building contractors, residential contractors, landscape contractors, any owner of a single-family or owner-occupied duplex property, or owner of commercial property to the extent permitted by state statute. In the case of tree removal, see paragraph p), Tree Preservation.

2. Permits for the new development of landscape areas shall be issued only to licensed general contractors, building contractors, residential contractors, landscape contractors, any owner of a single-family or owner occupied duplex property, or owner of commercial property to the extent permitted by state statute.

   The permit applicant shall submit to the building department two (2) copies of a combination site plan or vehicular use area landscape plan which has been prepared by and bears the seal of a licensed design professional authorized to prepare landscape plans by Florida Statute chapter 481 for review and approval. The plans shall show:

   (a) New and existing parking spaces, access ways, driveways, walkways, ramps, curbs, wheel stops and other vehicular use controls such as

traffic markers, striping and directional signs.

(b) The quantity, name, height and location of all plant material, the type of living ground cover to be used, and the type of irrigation system proposed for landscape maintenance and maintenance required for such landscaping.

(c) The location of signs, dumpsters and trash can locations, the dimension of all decorative or screen walls and/or type of fences and elevations of all landscape areas and vehicular use areas.

3. Application to be field checked; conditions to issuance of permit. (See paragraph p), Tree Preservation). After filing, said application shall be field checked by the building department. In the case of clearing shrub vegetation, no permit shall be issued until an inspection and report is issued by the City Horticulturist. A copy of the report shall accompany the issuance of the permit. Additional inspections may be made at the discretion of the City Horticulturist to determine if compliance has been achieved.

4. Shrub clearing permit fee. In the case of an application for clearing of shrub vegetation only, there shall be paid to the Building Division a fee commensurate with the acreage involved in accordance with the schedule of fees adopted from time to time by the City Commission.

h) *Delay in landscaping.* In the event that the required landscaping cannot be completed at such time that a certificate of occupancy or similar use authorization could otherwise be issued, the building official may enter an agreement with the owner that the required landscaping will be completed within the subsequent three (3) months. The agreement shall be accompanied by a bond in the amount of one hundred and ten percent (110%) of the costs of the required work, complete and in place, including all incidental costs, as determined by the building official.

i) *Minimum maintenance requirements*.

1. *General.* The landowner, or successors in interest, or agent, if any, shall be jointly and severally responsible for the following:

(a) All landscaping shall be maintained free from disease, pests, weeds and litter. This maintenance shall include weeding, watering, fertilizing, pruning, mowing, edging, mulching or other maintenance, as needed, and in accordance with acceptable horticultural practices and meet applicable City code requirements.

(b) The repair or replacement of required landscape structures (e.g., walls, fences) to a structurally sound condition.

(c) The regular maintenance, repair or replacement, where necessary, of any screening or buffering required by this section.

(d) Perpetual maintenance to prohibit the re-establishment of prohibited and

controlled species as referenced in paragraph j) within landscaping and preservation areas.

(e) Continuous maintenance of the site.

2. *Pruning of trees.* See also paragraph p), Tree Preservation.

(a) It is illegal to prune a tree improperly.
(b) All major and minor maintenance of trees shall be performed following pruning standards set by the National Arborist Association Pruning Standards for Shade Trees and the American National Standards for Tree Care Operations. ANSI A300 (Part 1)-2001, (Part 3)-1998, BSR A300 (part 1)200x.
(c) A permit is required to remove a tree.
(d) All tree trimming whether major or minor shall be performed by a company licensed by the State, County, or City of Lake Worth or by single-family homeowners or owners of owner-occupied duplexes.

j) *Prohibited and controlled species*. All prohibited plant species shall be eradicated from the development site and re-establishment of prohibited species shall not be permitted. The following plant species shall be eliminated in the City of Lake Worth:

1. Melaleuca, Punk tree, Paper Bark, Cajeput (Melaleuca quinquenervia).
2. Brazilian Pepper or Florida Holly (Schinus terebinthi-folius).
3. Australian Pine (Casuarina).

The following plant species shall not be planted in the City of Lake Worth:

1. Earleaf Acacia (Acacia auriculiformis).
2. Bischofia (Bischofia javanica).
3. Norfolk Pine (Araucaria heterophyll).
4. Carrotwood (Cupianopsis anacardioides).
5. Poison Wood (Metopium toxiferum).

k) *Tree protection.* Upon the discovery of any destructive or communicable disease or other pestilence which endangers the growth or health of trees, or threatens to spread disease or insect infestations, the City shall follow City code compliance procedures and at once cause written notice to be served upon the owner of the property upon which such diseased or infested tree is situated. The notice shall require such property owner to control or eradicate disease or pestilence within reasonable time to be specified in such notice. See also Chapter 12, Article VI.

l) *Public Property.* No person shall remove, cut above the ground or disturb any tree on any street, park or other public place unless authorized by the City. (See paragraph p) Tree Preservation).

m) *Enforcement.* The City shall have the power to promulgate and enforce rules, regulations and specifications concerning the trimming, spraying, removal, planting, pruning and protection of trees, shrubs, vines, hedges and other plants upon the right-of-way of any street,

alley, sidewalk or other public place in the City.

n) *Violations.* Any person who violates any provision of this section shall be subject to those procedures set out in Chapter 2, Article X of the Code of Ordinances and paragraph p), Tree Preservation.

o) *Appeals.* See paragraph p) Tree Preservation. Anyone aggrieved by this section may apply to the Planning and Zoning Board or Historic Resources Preservation Board, as applicable, when it the application of this section will cause undue hardship on an owner or when it is claimed that the true intent and meaning of this code or any of the regulations therein have been misconstrued or wrongly interpreted. The appeal shall be made on a form provided by the Department for Community Sustainability and the appellant shall pay a filing fee as established from time to time by the City Commission.

p) *Tree Preservation.*

1. *Vision.* Trees provide communities with many environmental, social and economic benefits. They filter pollutants, provide shade and homes for animals, create desirable living and working places, increase property values, attract businesses and visitors, help control storm water runoff and soil erosion and decrease cooling costs.

2. *Intent.* It is the intent of the City Commission to regulate the removal, relocation, and replacement of trees and to prevent the abuse of the trees within the City limits to ensure the adequacy and improvement of the City tree canopy.

3. *Objectives.* The City Commission finds that the health, safety and welfare of its citizens can best be protected by land use regulations that support and enforce the following objectives:

(a) Reducing air, noise, heat and chemical pollution through the biological filtering capabilities of trees.
(b) Promoting energy conservation through the creation of the tree shade.
(c) Maximizing permeable land areas essential to surface water management and aquifer recharge.
(d) Preserving existing mature growth trees and natural environment areas.
(e) Striving for zero (0) loss of trees within the City and increase tree numbers at every opportunity.
(f) Striving for all single-family residences to have more planted trees.
(g) Promoting more shade trees lining City streets.

4. *Measurements.*

(a) The diameter of a tree shall be determined by dividing the circumference of the trunk measured four and one-half (4½) feet above the ground by three and one hundred forty-two thousandths (3.412).

(b) The diameter of a tree having multiple trunks four and one-half (4½) feet above the ground shall be the sum of:

1. One hundred (100) percent of the diameter of the largest trunk; and
2. Sixty (60) percent of the diameter of each additional trunk.

(c) The location of a tree on a lot shall be measured at the point at which the trunk of the tree meets the ground.

5. *Applicability.* The terms and provisions of this paragraph p) shall apply to all real property lying within the incorporated area of the City. All tree trimming whether major or minor shall be performed by a company licensed by the state, county or City of Lake Worth or by single-family homeowners or owners of owner-occupied duplexes.

6. *Tree removal, relocation, replacement.*

(a) Unless the appropriate permit has been issued by the City, no person shall cause the removal, relocation or replacement of any protected tree in the City either on private or public property.

(b) Any person wishing to remove, relocate, or replace a protected tree shall file an application for a tree permit with the City. The property owner must sign the application or a notarized letter from the property owner must be submitted with the application designating an authorized agent. The following information shall be included:

1. Name and address of property owner.
2. Legal description of the property.
3. Reason for requested action.
4. A scaled site plan illustrating:

i. Location of all trees with their species, size and drip line location.

ii. Location of existing and proposed structures or other planned improvements.

iii. Indication of trees to be removed, relocated, or replaced.

iv. Any grade changes that might affect or endanger the trees.

(c) For established residences or established places of business, the scaled site plan can be a simple sketch so long as all the required information is included and easily understood. This application is independent from and not associated with any other improvements.

(d) For a site with proposed residential, commercial or other developments, including expansions of existing improvements on previously platted or subdivided sites, the permit application shall be filed with the application for a building permit. The application for a tree removal permit shall include a tree survey by an arborist and be reviewed in conjunction with the building permit application.

(e) For new development on sites proposed for platting or on sites requiring site plan review in accordance with these land development regulations, the permit application, including a tree survey by an arborist, shall be filed along with the application for preliminary plat approval, or preliminary site plan approval, or amendments and additions to approved site plans.

(f) The application for a permit to remove, relocate or replace a tree shall be field checked by City staff. City staff shall inspect the physical site and gauge the effects of the planned tree removal, replanting or retention on the local environment and other natural features, and on economic values both within the site boundaries and surrounding area. Based on the evaluation by the City horticulturist, considering the factors enumerated hereinafter and gauging the effect of the application upon these factors, a permit shall be granted or denied.

7. *Exemptions.*

(a) Licensed plant and/or tree nurseries shall be exempt from the terms of the code, only in relation to those trees planted and growing for sale in the ordinary course of said licensee's business.

(b) Utilities and their agents shall be exempt from the terms of this code provided that they comply with the following conditions:

1. They shall not prune or remove trees other than for the purpose of removing hazards to public safety or to the provision of uninterrupted service.
2. They shall prune according to nationally accepted NAA (National Arborists Association) standards for utility line clearing; unbalanced trees are not acceptable.
3. For regular maintenance, the affected occupant shall be notified via U.S. mail by the utility at least ten (10) days prior to the beginning of pruning.

4. In an urgent situation, which does not present an imminent threat to the public health, safety, welfare, or immediate interruption of service, the affected occupant shall be given at least forty-eight (48) hours written notice via a door hanger prior to the beginning of pruning.

(c) Trees that are confirmed by the City horticulturist or his designee to be dead, damaged by disease, fire, windstorm, lightning, or other acts of nature or by accident, which pose imminent danger to life or property.

(d) Trees of less than three (3) inches DBH.

8. *Guidelines for granting and denial.*

(a) *Granted.* A permit to remove a tree shall be granted based on the following standards:

1. The tree, or trees, are located in an area where a structure or improvement will be placed in accordance with other development provisions in the City Code of Ordinances, and retention of the trees is such that no reasonable economic use can be made of the property without removal of the trees, and the tree, or trees, cannot be relocated on or off the property because of age, type or size of tree.

2. Deprivation of reasonable use. Strict application of the requirement would effectively deprive the owner of reasonable use of the land due to its unusual size, shape, topography, natural conditions, or location, provided that:

i. Such effect upon the owner is not outweighed by a valid public purpose in imposing the requirement in this case; and

ii. The unusual conditions involved are not the result of actions of the developer or property owner which occurred after the effective date of the ordinance from which this section derives.

3. The tree is diseased, injured, in danger of falling or is endangering existing structures, utility services or creates unsafe vision clearance.

4. It is found to be in the interest of the general public's health, safety, and welfare that the tree or trees be removed.

5. The tree is not one that is designated as a historic, specimen, or champion tree.

6. The tree is not providing habitat to legislatively designated endangered or protected bird or animal species.

7. Proper horticultural practices requiring the removal or thinning of the tree population to assure health of remaining trees.

(b) *Denial.* The City horticulturist or his designee, upon the determination that an application for a permit to remove a tree is to be denied, shall state the basis for such denial specifically and shall notify the applicant, in writing, of the criteria upon which such denial is predicated.

(c) *Relocation or replacement.*

1. When the City horticulturist finds that a requested removal of a tree or trees is warranted, he shall, as a condition to approving the application, require the applicant to relocate or replace the trees to be removed within thirty (30) days. Replacement trees shall be shade trees and meet the requirements of chapter 23 of the landscape code, and shall be one (1) DBH inch for each one (1) DBH inch removed to the extent that the combined DBH of the replacement trees equals the combined DBH of all the removed trees. If replacement trees are installed, the applicant shall guarantee the survival of the replacement trees for one year. Removal and replanting shall be done at the full expense of the applicant and with approval of the City horticulturist.

2. Replacement of a tree eighteen (18) DBH inch or more shall require replacement trees to be at least six (6) DBH inch.

3. In lieu of replacement on site, funds can be placed in the Tree Canopy Restoration Fund as detailed in paragraph p)-12.

9. *Tree protection during construction.*

(a) Throughout all activities associated with the construction, the owner, utility companies, and all contractors shall be responsible for erecting protective barriers around all tree drip lines and not be removed. The barricading shall be subject to review by City horticulturist.

b) The City may require a performance bond in addition to the protective barrier for historic, specimen, or champion trees, or as designated by the City horticulturist in order to guarantee protection of a tree(s) or to ensure restoration of the replacement or transplanted tree(s). The amount of said bond shall equal the value of the tree(s) specifically covered. The said bond is to remain in effect until sixty (60) days subsequent to the completion of the construction activities.

(c) It shall be unlawful for any person in the construction of any structures or other improvements to place any material, machinery, or sill deposits which may cause damage to the root system within the dripline of any protected tree(s) as

defined herein, or within the protected root system of a historic, specimen, or champion tree.

(d) If a tree is damaged during construction and deemed unsalvageable by the City horticulturist, replacement is required.

(e) Fences and walls. The root systems of existing trees shall be preserved when installing fences and walls. Post holes and trenches located close to trees shall be dug and adjusted as necessary to avoid damage to major roots. Continuous footers for masonry walls shall be ended at the point where larger roots are encountered and roots shall be bridged.

(f) Tree cutting standards. All major and minor maintenance of trees shall be performed following pruning standards set by the National Arborist Association Pruning Standards for shade trees and the American National Standards for Tree Care Operations. ANSI A300 (Part 1)-2001, (Part 3)-2000, (Part 2)-1998, BSR A300 (Part1)200x.

(g) Failure to comply. Any owner, tenant, contractor, or agent thereof who fails to provide tree protection as stated herein shall be guilty of tree abuse and subject to penalties as established in paragraph p)-13 of this section.

10. *Tree abuse, trimming.*

(a) *Tree abuse is prohibited.* Abused trees shall not be counted toward fulfilling tree replacement or preservation requirements. The City may require the abused trees to be replaced. A tree shall be considered abused if one (1) or more of the following actions have taken place:

1. Significant damage has been inflicted upon any part of a tree, including the root system by machinery, storage of materials, soil compaction, excavation, vehicle accidents, chemical application or change to the natural grade.
2. Damage inflicted to or cutting upon a tree that permits infection or pest infestation.
3. Cutting upon any tree that permanently reduces the function of the tree or causes it to go into shock.
4. Cutting upon a tree that destroys its natural shape.
5. Hatracking.
6. Removal of bark which is detrimental to the tree.
7. Tears and splitting of limb ends or peeling and stripping of bark.
8. Use of climbing spikes, or cutting into the tree for the purposes of climbing on any species of tree for any purpose.

9. Girdling a tree with the use of wires (e.g., use of weedeater, mower damage).

10. Failure to comply with paragraph p)-9.

11. Severe neglect of tree nutrition or adequate irrigation necessary for continued growth.

12. Heading.

(b) *Additional provisions.* It shall be unlawful and shall constitute abuse for tree(s) on public or private lands to be trimmed in any manner other than as described by the National Arborist Association Inc.

11. *Historic, specimen, champion trees.*

(a) A historic, specimen or champion tree as defined in paragraph p) is hereby deemed as irreplaceable by the City due to its size, age, and its historic, aesthetic or cultural significance. A historic, specimen or champion tree may not be removed unless approved by the City Commission. The City Commission shall approve an application to remove a historic, specimen, or champion tree that is determined by the City horticulturist to be hazardous pursuant to the following procedure:

The City horticulturist shall determine whether the historic, specimen, or champion tree is hazardous in accordance with paragraph k) and sections 15-31 and 15-32 of the Lake Worth Code of Ordinances after a physical inspection of both the tree and the parcel on which the tree is located. The physical inspection and written determination as to whether the tree is hazardous shall be made by the City horticulturist and shall not be delegated to any other City staff person.

(b) Nomination of historic, specimen and champion trees. Any citizen, property owner or official of the City may nominate a tree to be designated as a historic, specimen and/or champion tree. The City Tree Board shall review the nomination, notify the owner of the land upon which the tree is located, and hear any objections thereto: thereafter it will make a recommendation to the City Commission as to the proposed designation. The City Commission shall review the recommendation and hold a public hearing, and within thirty (30) days render a decision on the designation. Within thirty (30) days after the designation of historic, specimen or champion tree, the City horticulturist shall notify the owner of the official action and documentation included in property file.

(c) Identification of historic, specimen and champion trees and official record. The City horticulturist and his designee shall ensure that every designated historic, specimen and champion tree is permanently marked identifying it as such and advising that penalty for unauthorized removal is a fine. Failure of the City to mark such tree shall not adversely impact the City in enforcing the provisions of

this article. The City clerk and/or City tree board shall maintain an official record of each tree designated as a historic, specimen and champion tree.

(d) No person shall cut, carve or injure the bark, limbs, branches or root system, or mutilate a historic, specimen or champion tree in any way, nor shall any person pile debris or material of any kind, within the protected root system of a historic, specimen, or champion tree, or attach any rope, wire or other contrivance thereto, whether permanent or temporary in character or in use. Any person who violates this ordinance shall forfeit and pay to the City damages to be determined by the special magistrate. The City horticulturist may make recommendations to the special magistrate concerning the amount of the damages, but the special magistrate is not obligated to accept the recommendations.

12. *Tree canopy restoration fund.* Funds collected in lieu of replacement are established as follows and must be submitted prior to issuance of the permit or site plan certification, whichever occurs first. The replacement value set by the City horticulturist shall be based on the average cost of the purchase, installation and maintenance for one (1) year of an equivalent number of replacement trees.

If the exact DBH or largest trunk measurement cannot be determined, the replacement value shall be determined based on the City horticulturist's estimate of the removed or damaged tree or trees. In the event that an insufficient trunk of the removed tree exists to determine replacement requirements, including the size and number of required replacement trees, these facts shall be determined by the City horticulturist based upon any available information, including photographs or a survey of trees of the same species existing within the City. Any decision by the City horticulturalist may be appealed to the Tree Board.

13. *Penalties.*

(a) Any person who violates this section shall pay to the City within thirty (30) days the base rate penalty. Penalties are levied in addition to replacement, inch for inch, with shade trees on site to meet the minimum requirements if the City horticulturist deems the tree unsalvageable. Penalties shall be paid into the Tree Canopy Restoration Fund. If the replacement tree cannot be located on site, the full cost of replacing the tree (specified in paragraph p)) shall also be paid into the Tree Canopy Restoration Fund.

Tree DBH	
3" - < 6"	$60

6" - < 9"	$80
9" - < 12"	$100
12" - < 18"	$200
18" or greater	$400
Tree DBH	
3" - < 6"	$120
6" - < 9"	$160
9" - < 12"	$200
12" - < 18"	$400
18" or greater	$800

(b) If a historic, specimen or champion tree is removed the fine shall be two thousand dollars ($2,000.00) per inch DBH.

(c) If the City horticulturist deems the tree salvageable, the City horticulturist shall recommend an arborist be contracted for three (3) to five (5) years by the property owner for corrective pruning for violations under paragraph p)-12. A signed contract with an arborist must be submitted for approval to the City horticulturist within thirty (30) days or a fifty dollars ($50.00) per day fine will be imposed.

(d) To enforce compliance with this chapter, Lake Worth City officials may issue a cease and desist order or require that a building permit or certificate of occupancy be withheld.

14. *Appeals.* Any person aggrieved by a decision of the City horticulturist shall have the right to appeal such decision by filing an appeal within thirty (30) days of the decision to the special magistrate. Notice of the appeal shall be provided to the City horticulturist. Decisions of the special magistrate may be appealed by an aggrieved party, including the City, to the circuit court. Such appeal must be filed within thirty (30) days of the execution of the order to be appealed.

q) *Irrigation requirements.* All landscaped areas shall be irrigated with an automatically operated sprinkler system, except for the list provided below. Complete coverage of all plant materials shall be maintained. It is the responsibility of the homeowner to insure that all systems, including the use of well water, shall be designed to permit all zones to be completed as established in the South Florida Water Management District Guidelines.

1. Exceptions.

(a) *Irrigation of existing plant communities.* Existing plant communities and ecosystems, maintained in a natural state, do not require and may not need any additional irrigation water added in any form.

(b) *Newly established native plant areas.* Native and South Florida climatized plant areas that are supplements to an existing plant community or newly installed by a developer or homeowner may initially require additional water to become established. The water required during the establishment period shall be applied from a temporary irrigation system, a water truck or by hand watering from a standard hose bib source.

(c) *Single-family residential and owner-occupied duplexes.* Single-family residential and owner-occupied duplexes are not required to install irrigation systems but are recommended to implement alternative watering methods (i.e., hand watering, mobile sprinkler systems, rain barrels, cisterns, etc.) that achieve the desired intent of the landscape design standards. Drought tolerant planting is highly recommended. Site plans and landscaping plans shall be submitted to the City Horticulturist for review and approval. All site development and landscaping shall follow the South Florida Water Management District's Florida Friendly Guidelines.

2. *Irrigation design standards*. Reference to appropriate Florida Building Code, best management practices, and adopted professional standards for design, layout, installation and operation.

Section 23.6-2. Wellfield Protection.

a) *General provisions*. Any nonresidential or residential use with more than twenty five (25) units that applies for site plan approval, building permit or occupational license in a wellfield zone of influence and intends to handle, store or produce a regulated substance as defined in the Palm Beach County Wellfield Protection Ordinance No. 88-7, shall obtain an operating permit or exemption certificate from the county department of environmental resources management prior to City approval of the development permit or license.

b) *Detailed provisions*. See Palm Beach County Ordinance No. 88-7 for the definition of regulated substance, the restrictions within zones 1 through 4, the permitting and appeals process, and description of exemptions. See Lake Worth Comprehensive Plan Future Land Use Map series for location of wellfields.

Section 23.6-3. Floodplain Management.

a) *Findings of fact*.

1. The flood hazard areas of the City of Lake Worth are subject to periodic inundation which results in loss of life, property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and

RESOLUTION NO. 17-2015 OF THE CITY OF LAKE WORTH, FLORIDA, DESIGNATING FIVE TREES IN THE CITY'S CULTURAL PLAZA AS HISTORIC TREES; DIRECTING THE CITY HORTICULTURIST TO PERMANENTLY MARK THE TREES AS HISTORIC AND DIRECTING THE CITY CLERK TO MAINTAIN AN OFFICIAL RECORD OF SUCH DESIGNATION; AND, PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, in accordance with subsection 23.6-1(p)(11) of the City's landscape regulations, the City's Tree Board received and reviewed a request to designate five (5) trees in the City's Cultural Plaza as "historic";

WHEREAS, the five (5) trees are believed to be 100+ year old Banyan trees (Ficus Bengnalensis), but the exact species is unknown at this time;

WHEREAS, under subsection 23.6-1(p)(11), the Tree Board has recommended such trees be designated as "historic" by the City Commission due to the trees' size, age and historic, aesthetic and cultural significance;

WHEREAS, at its April 21, 2015 regular meeting, the City Commission received notice of the recommended designation and set a public hearing for May 5, 2015;

WHEREAS, under subsection 23.6-1(p)(11), if the City Commission designates a tree as "historic", the City Horticulturist shall ensure the tree is permanently marked as "historic" including a notice that the unauthorized removal is subject to a fine;

WHEREAS, under subsection 23.6-1(p)(11), upon designation, the City Clerk shall maintain an official record of each tree designated; and,

WHEREAS, the City Commission finds that the designation of the five (5) nominated trees in the City's Cultural Plaza as "historic" serves a valid public purpose.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF LAKE WORTH, FLORIDA, that:

Section 1. The foregoing recitals are incorporated herein as true and correct statements.

Section 2. The City Commission designates the following five trees in the City's Cultural Plaza as "historic":

Starting at Federal Highway and moving west along Lucerne Avenue, the five (5) trees are more specifically described as:

1. Ficus altissima - Council Tree/ Lofty Fig, 45' tall Height 107' X 74" Spread 120"Diameter Breast
2. Ficus altissima - Council Tree/ Lofty Fig, 45' tall Height 75' X 80" Spread 130"Diameter Breast
3. Ficus altissima - Council Tree/ Lofty Fig, 45' tall Height 75' X 90" Spread 134"Diameter Breast
4. Ficus altissima - Council Tree/ Lofty Fig, 55' tall Height 92' X 87" Spread 118"Diameter Breast
5. Ficus aurea - Strangler Fig (Native), 45' tall Height 107' X 79" Spread 120"Diameter Breast

The historic designation for the five (5) trees will be "Ficus SPP" due to the exact species of the trees being unknown at this time.

Section 3. The City Horticulturist is directed to permanently mark the trees in accordance with subsection 23.6-1(p)(11).

Section 4. The City Clerk is directed to maintain an official record of the designation of the five (5) trees as "historic".

Section 5. This Resolution shall become effective immediately upon its passage.

The passage of this Resolution was moved by Commissioner _____, seconded by Commissioner _____, and upon being put to a vote, the vote was as follows:

Mayor Pam Triolo
Vice Mayor Scott Maxwell
Commissioner Christopher McVoy
Commissioner Andy Amoroso
Commissioner Ryan Maier

The Mayor thereupon declared this Resolution duly passed and adopted on the 5th day of May, 2015.

LAKE WORTH CITY COMMISSION

By:_____
Pam Triolo, Mayor

ATTEST:

_____
Pamela J. Lopez, Clerk

CITY OF LAKE WORTH

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015, Regular Meeting **DEPARTMENT:** Public Services

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EXECUTIVE BRIEF

TITLE:
Resolution No. 18-2015 - authorize the CDBG Interlocal Agreement for 11th Avenue South greenway project

SUMMARY:

The Resolution authorizes an agreement with the County for $212,396 in Fiscal Year 2014-2015 Community Development block Grant (CDBG) funds and $55,000 in CDBG funds for previous years to develop a pedestrian friendly greenway. There are no matching funds required from the City.

BACKGROUND AND JUSTIFICATION:
At its meeting of March 18, 2014, the City Commission approved Resolution No. 12-2014 authorizing the submission of an application to Palm Beach County Department of Economic Sustainability (DES) for Fiscal Year 2014-2015 Community Development Block Grant (CDBG) Program funding for infrastructure improvements to develop a pedestrian friendly greenway in the unimproved right-of way of 11th Avenue South from South A Street to South G Street. An additional allocation of $55,000 in CDBG funds from previous years has been made available for the project, bringing the total budget amount to $267,396.

Specific improvements for the project will consist of clearing and grubbing of the site, construction of concrete sidewalks and driveways, landscaping of the area, and other work associated with, and pertinent to, the installation of the greenway. All improvements will be ADA compliant.

MOTION:
I move to approve/not approve Resolution No. 18-2015.

ATTACHMENT(S):
Fiscal Impact Analysis
Resolution
CDBG Interlocal Agreement
CIP

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	0	267,396	0	0	0
Operating Expenditures	0	0	0	0	0
External Revenues	0	(267,396)	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
Net Fiscal Impact	0	0	0	0	0
No. of Addn'l Full-Time Employee Positions	0	0	0	0	0

B. Recommended Sources of Funds/Summary of Fiscal Impact:

Account Number (s)	Account Description		FY 2015 Budget	Project #	Agenda Expenses	Remaining Balance
180-9710-539-63-15	Building/Infrastructure		212,396	N/A	$ -	212,396
180-9710-539-63-15	Building/Infrastructure		55,000	Re-allocated from 9th & 10th Ave South		
			267,396	Will be rolled over for FY2016 Project start.		

C. Department Fiscal Review: _____

RESOLUTION NO. 18-2015 OF THE CITY OF LAKE WORTH, FLORIDA, APPROVING THE INTERLOCAL AGREEMENT BETWEEN PALM BEACH COUNTY AND THE CITY IN THE AMOUNT OF $267,396 IN COMMUNITY DEVELOPMENT BLOCK GRANT FUNDS FOR THE 11TH AVENUE SOUTH GREENWAY IMPROVMENTS PROJECT; AUTHORIZING THE MAYOR TO EXECUTE THE INTERLOCAL AGREEMENT; PROVIDING FOR AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

WHEREAS, the City desires to develop a pedestrian friendly greenway in the public right-of-way along 11th Avenue South between South A Street and South H Street, which is currently an unimproved roadway, in order to provide for safer and more efficient flow for pedestrians and bicyclists; and

WHEREAS, the City Commission has approved Resolution No. 12-2014 authorizing the City's application to Palm Beach County for $212,396 in Fiscal Year 2014-2015 Community Development Block Grant (CDBG) funds that have been made available to the City for this project; and

WHEREAS, an additional $55,000 in CDBG funds from previous years has also been made available for this project; and

WHEREAS, the proposed infrastructure improvements are an eligible use of CDBG funds; and

WHEREAS, Palm Beach County has prepared an Interlocal Agreement that sets forth the terms and conditions for the use of these CDBG funds for this project; and

WHEREAS, the City desires to enter into this Interlocal Agreement with Palm Beach County for the purpose of developing a pedestrian friendly greenway in the unimproved public right-of-way along 11th Avenue South between South A Street and South H Street.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF LAKE WORTH, FLORIDA, that:

SECTION 1: The City Commission of the City of Lake Worth, Florida, hereby approves the Interlocal Agreement between Palm Beach County and the City in the amount of $267,396 in CDBG funds for the 11th Avenue South Public Right-of-Way Improvements Project.

SECTION 2: The City Commission of the City of Lake Worth, Florida, hereby authorizes the Mayor to execute three originals of the Interlocal Agreement between Palm Beach County and the City and all related documents for this stated purpose.

SECTION 3: Upon execution of the Resolution, one copy shall be forwarded to the Public Services Department Director. The fully executed original shall be maintained by the City Clerk as a public record of the City.

SECTION 4: This Resolution shall become effective upon adoption.

The passage of this Resolution was moved by Commissioner _____, seconded by Commissioner _____, and upon being put to a vote, the vote was as follows:

Mayor Pam Triolo
Vice Mayor Scott Maxwell
Commissioner Christopher McVoy
Commissioner Andy Amoroso
Commissioner Ryan Maier

Mayor Pam Triolo thereupon declared this Resolution duly passed and adopted on the 5TH day of May, 2015.

LAKE WORTH CITY COMMISSION

By:_____
Pam Triolo, Mayor

ATTEST:

_____
Pamela J. Lopez, City Clerk

AGREEMENT BETWEEN PALM BEACH COUNTY

AND

CITY OF LAKE WORTH

THIS AGREEMENT, entered into on_____ by and between Palm Beach County, a political subdivision of the State of Florida, for the use and benefit of its Community Development Block Grant Program, and the City of Lake Worth, a Municipality duly organized and existing by virtue of the laws of the State of Florida, having its principal office at 7 North Dixie Highway, Lake Worth, Florida 33460.

WHEREAS, Palm Beach County has entered into an agreement with the United States Department of Housing and Urban Development for a grant for the execution and implementation of a Community Development Block Grant Program in certain areas of Palm Beach County, pursuant to Title I of the Housing and Community Development Act of 1974 (as amended); and

WHEREAS, Palm Beach County, in accord with the annual Action Plan, and the City of Lake Worth, desire to provide the activities specified by this Agreement; and

WHEREAS, Palm Beach County desires to engage the City of Lake Worth to implement such undertakings of the Community Development Block Grant Program.

NOW, THEREFORE, in consideration of the mutual promises and covenants herein contained, it is agreed as follows:

1. **DEFINITIONS**
   - (A) "County" means Palm Beach County.
   - (B) "CDBG" means the Community Development Block Grant Program of Palm Beach County.
   - (C) "DES" means Palm Beach County Department of Economic Sustainability
   - (D) "Municipality" means the City of Lake Worth.
   - (E) "DES Approval" means the written approval of the DES Director or his designee.
   - (F) "U.S. HUD" means the Secretary of Housing and Urban Development or a person authorized to act on its behalf.
   - (G) "Low- and Moderate- Income Persons" means the definition set by U.S. HUD.

2. **PURPOSE**
   The purpose of this Agreement is to state the covenants and conditions under which the Municipality will implement the Scope of Services set forth in this Agreement.

3. **CDBG ELIGIBLE ACTIVITIES AND NATIONAL OBJECTIVE**
   The Municipality shall implement the herein described infrastructure improvements on 11th Avenue South, which activities have been determined to be **Public Facilities and Improvements,** under 24 Code of Federal Regulations (CFR) 570.201(c). Both Parties acknowledge that the eligible activities carried out under this Agreement, as described in the scope of work in Exhibit "A", will benefit **Low- and Moderate-Income Persons on an Area-Wide Basis** and meet the National Objective as defined in 24 CFR 570.208(a)(1)(i).

4. **GENERAL COMPLIANCE**

The Municipality shall comply with the requirements of Title 24 of the Code of Federal Regulations, Part 570 (the U.S. Housing and Urban Development regulations concerning Community Development Block Grants (CDBG)), including subpart K of these regulations, except that (1) the Municipality does not assume the County's environmental responsibilities described in 24 CFR 570.604 and (2) the Municipality does not assume the County's responsibility for initiating the review process under the provisions of 24 CFR Part 52. The Municipality also agrees to comply with all other Federal, state and local laws, regulations, and policies governing the funds provided under this contract. The Municipality further agrees to utilize funds available under this Agreement to supplement rather than supplant funds otherwise available.

5. **SCOPE OF SERVICES**

The Municipality shall, in a satisfactory and proper manner as determined by DES, perform the tasks necessary to conduct the program outlined in Exhibit "A" as attached hereto and made a part hereof.

6. **MAXIMUM COMPENSATION**

The Municipality agrees to accept as full payment for services rendered pursuant to this Agreement the actual amount of budgeted, eligible, and DES Director or designee-approved expenditures and encumbrances made by the Municipality under this Agreement, which shall not be unreasonably withheld. These services shall be performed in a manner satisfactory to DES. In no event shall the total compensation or reimbursement to be paid hereunder exceed the maximum and total authorized sum of $267,396 for the period of May 19, 2015, through and including September 30, 2016. Any funds not obligated by the expiration date of this Agreement shall automatically revert to the County.

7. **TIME OF PERFORMANCE**

The effective date of this Agreement and all rights and duties designated hereunder are contingent upon the timely release of funds for this project by U. S. HUD under Grant No. B-14-UC-12-0004. The effective date shall be the date of execution of this Agreement, and the services of the Municipality shall be undertaken and completed in light of the purposes of this Agreement. In any event, all services required hereunder shall be completed by the Municipality prior to September 30, 2016.

8. **METHOD OF PAYMENT**

The County agrees to make payments and to reimburse the Municipality for all budgeted costs permitted by Federal, State, and County guidelines. The Municipality shall not request reimbursement for work performed and/or payments made by the Municipality, before the effective date of this Agreement, nor shall it request reimbursement for payments made after the expiration date of this Agreement, and in no event shall the County provide advance funding to the Municipality or any subcontractors hereunder. The Municipality shall request payments or reimbursements from the County by submitting to DES proper documentation of expenditures consisting of originals of invoices, receipts, or other evidence of indebtedness, and when original documents cannot be presented, the Municipality may furnish copies if deemed acceptable by DES. Each request for payment or reimbursement submitted by the Municipality shall be accompanied by a letter from the Municipality, provided on the Municipality's letterhead, referencing the name of the project funded herein, the date of this Agreement and/or its document number, and containing a statement requesting the payment or reimbursement and its amount, as well as the name and signature of the person making the request. Payment shall be made by the Palm Beach County Finance Department upon presentation of the aforesaid proper documentation of expenditures as approved by DES. The Municipality may at any time after the expiration of this agreement request from the County reimbursement for payments made by the Municipality during the term of this Agreement by submitting to DES the aforesaid proper documentation of expenditures, and the Palm Beach County Finance Department shall make payment as stated above, provided that DES has determined that the funds allocated to the Municipality through this agreement are still available for payment, and provided that DES approves such payment.

9. CONDITIONS ON WHICH PAYMENT IS CONTINGENT

(A) IMPLEMENTATION OF PROJECT ACCORDING TO REQUIRED PROCEDURES

The Municipality shall implement this Agreement in accordance with applicable Federal, State, County, and local laws, ordinances and codes. The Federal, State, and County laws, ordinances and codes are minimal regulations supplemented by more restrictive guidelines set forth by DES. No payments for projects funded by more than one funding source will be made until a cost allocation plan has been approved by the DES Director or designee. Should a project receive additional funding after the commencement of this Agreement, the Agency shall notify DES in writing within thirty (30) days of receiving notification from the funding source and submit a cost allocation plan for approval by the DES Director or designee within forty-five (45) days of said official notification.

(B) FINANCIAL ACCOUNTABILITY

The County may have a financial systems analysis and/or an audit of the Municipality or of any of its subcontractors, by an independent auditing firm employed by the County or by the County Internal Audit Department at any time the County deems necessary to determine if the project is being managed in accordance with Federal, State, and County requirements.

(C) SUBCONTRACTS

Any work or services subcontracted hereunder shall be specifically by written contract, written agreement, or purchase order. All subcontracts shall be submitted by the Municipality to DES and approved by DES prior to execution of any subcontract hereunder. All subcontracts shall be subject to Federal, State and County laws and regulations. This includes ensuring that all consultant contracts and fee schedules meet the minimum standards as established by Palm Beach County and HUD. Contracts for architecture, engineering, survey, and planning shall be fixed fee contracts. All additional services shall have prior written approval with support documentation detailing categories of persons performing work plus hourly rates including benefits, number of drawings required, and all items that justify the "Fixed Fee Contract." Reimbursables will be at cost. None of the work or services covered by this Agreement, including, but not limited to, consultant work or services, shall be subcontracted or reimbursed without prior written approval of the DES Director or his designee.

(D) PURCHASING

All purchasing for services and goods, including capital equipment, shall be made by purchase order or by a written contract and in conformity with the procedures prescribed by the Palm Beach County Purchasing Code, as well as Federal Management Circulars A-87, A-102, A-128, and 24 CFR Part 85 (also known as the Common Rule), which are incorporated herein by reference.

(E) REPORTS, AUDITS, AND EVALUATIONS

Payment will be contingent on the timely receipt of complete and accurate reports required by this Agreement, and on the resolution of monitoring or audit findings identified pursuant to this Agreement.

(F) ADDITIONAL DES, COUNTY, AND U.S. HUD REQUIREMENTS

DES shall have the right under this Agreement to suspend or terminate payments if after fifteen (15) days written notice the Municipality has not complied with any additional conditions that may be imposed, at any time, by DES, the County, or U.S. HUD.

(G) PRIOR WRITTEN APPROVALS - SUMMARY

The following activities among others require the prior written approval of the DES Director or designee to be eligible for reimbursement or payment:

(1) All subcontracts and agreements pursuant to this Agreement;
(2) All capital equipment expenditures of $1,000 or more;
(3) All out-of-county travel; (travel shall be reimbursed in accordance with Florida Statutes, Chapter 112.061);
(4) All change orders;
(5) All requests to utilize uncommitted funds after the expiration of this Agreement for programs described in Exhibit A; and
(6) All rates of pay and pay increases paid out of CDBG funds, whether for merit or cost of living.

(H) PROGRAM - GENERATED INCOME

All income earned by the Municipality from activities financed, in whole or in part, by funds provided hereunder must be reported and returned annually to DES. Such income shall only be used to undertake the activities authorized by this Agreement. DES must verify and approve the eligibility and reasonableness of all expenses which the Municipality requests to be deducted. Accounting and disbursement of such income shall comply with OMB Circular A-110 and other applicable regulations incorporated herein by reference.

The Municipality may request that said program income be used to fund other eligible uses, subject to DES approval, and provided that the Municipality is in compliance with its obligations as contained within this Agreement (including the attached Exhibits herein). The Municipality shall only use such program income to fund "basic eligible activities" as defined by Federal Community Development Block Grant Regulations (24 CFR Part 570). The Municipality hereby agrees that the provisions of this Agreement shall also apply to these "basic eligible activities" as funded with the Municipality's program income.

The requirements of this section shall survive the expiration of this Agreement.

10. CIVIL RIGHTS COMPLIANCE AND NON-DISCRIMINATION POLICY

The Municipality acknowledges that it is the express policy of the Board of County Commissioners of Palm Beach County, Florida that the County shall not conduct business with nor appropriate any funds to any organization that practices discrimination on the basis of race, color, ancestry, disability, national origin, religion, age, familial status, marital status, sex, gender, sexual orientation, gender identity and expression, or genetic information. In compliance with the County's requirements, the Municipality has either submitted a copy of its written non-discrimination policy which is consistent with the policy detailed above, or has submitted an executed statement affirming that its non-discrimination policy is in conformance with the policy detailed above.

In furtherance of such policy, the Municipality shall not, on the basis of race, color, ancestry, disability, national origin, religion, age, familial status, marital status, sex, gender, sexual orientation, gender identity and expression, or genetic information, exclude any person from the benefits of, or subject any person to discrimination under, any activity carried out by the performance of this Agreement. Upon receipt of evidence of such discrimination, the County shall have the right to terminate this Agreement.

11. OPPORTUNITIES FOR RESIDENTS AND SMALL/MINORITY/WOMEN-OWNED BUSINESS ENTERPRISES

To the greatest extent feasible, lower-income residents of the project areas shall be given opportunities for training and employment; and to the greatest feasible extent eligible business concerns located in or owned in substantial part by persons residing in the project areas shall be awarded contracts in connection with the project. The Municipality shall comply with the Section 3 Clause of the Housing and Community Development Act of 1968.

In the procurement of supplies, equipment, construction, or services to implement this Agreement, the Municipality shall make a positive effort to utilize small business and minority/women-owned business enterprises of supplies and services, and provide these sources the maximum feasible opportunity to compete for contracts to be performed pursuant to this Agreement. To the maximum extent feasible these small business and minority/women- owned business enterprises shall be located in or owned by residents of the CDBG areas designated by Palm Beach County in the CDBG Annual Consolidated Plan approved by U.S. HUD.

12. PROGRAM BENEFICIARIES

At least fifty-one percent (51%) of the beneficiaries of a project funded through this Agreement must be Low- and Moderate- Income Persons. If the project is located in an entitlement city, as defined by U.S. HUD, or serves beneficiaries countywide, at least fifty-one percent (51%) of the beneficiaries directly assisted through the use of funds under this Agreement must reside in unincorporated Palm Beach County or in municipalities participating in the County's Urban County Qualification Program. The project funded under this Agreement shall assist beneficiaries as defined above for the time period designated in this Agreement. Upon request from DES, the Municipality shall provide written verification of compliance.

13. EVALUATION AND MONITORING

The Municipality agrees that DES will carry out periodic monitoring and evaluation activities as determined necessary by DES and that payment, reimbursement, or the continuation of this Agreement is dependent upon satisfactory evaluation conclusions based on the terms of this Agreement. The Municipality agrees to furnish upon request to DES, or the County's designees copies of transcriptions of such records and information as is determined necessary by DES. The Municipality shall submit status reports required under this Agreement on forms approved by DES to enable DES to evaluate progress. The Municipality shall provide information as requested by DES to enable DES to complete reports required by the County or HUD. The Municipality shall allow DES, or HUD to monitor the Municipality on site. Such visits may be scheduled or unscheduled as determined by DES or HUD.

14. AUDITS AND INSPECTIONS

At any time during normal business hours and as often as DES, the County, U.S. HUD, or the Comptroller General of the United States may deem necessary, there shall be made available by the Municipality to DES, U.S. HUD, or the Comptroller General for examination all its records with respect to all matters covered by this Agreement. If during the year, the Municipality expends over $500,000 of Federal awards, the Municipality shall comply with the provisions of OMB Circular A-133. The Municipality shall submit a single audit, including any management letter, made in accordance with the general program requirements of OMB Circulars A-110, A-122, A-133, and other applicable regulations within the earlier of, 30 days after receipt of the auditor's report(s), or nine (9) months after the end of the audit period in which DES-administered funds are expended. Said audit shall be made by a Certified Public Accountant of the Municipality's choosing, subject to the County's approval. In the event the Municipality anticipates a delay in producing such audit, the Municipality shall request an extension in advance of the deadline. The cost of said audit shall be borne by the Municipality. In the event the Municipality is exempt from having an audit conducted under A-133, the Municipality shall submit audited financial statements and/or the County reserves the right to conduct a "limited scope audit" of the Municipality as defined by A-133. The County will provide technical assistance to the Municipality, as deemed necessary by the County.

15. UNIFORM ADMINISTRATIVE REQUIREMENTS

The Municipality agrees to comply with the applicable uniform administrative requirements as described in Federal CDBG Regulations 24 CFR 570.502.

16. REVERSION OF ASSETS

Upon expiration of this Agreement, the Municipality shall transfer to the County any CDBG funds on hand at the time of expiration and any accounts receivable attributable to the use of CDBG funds. Any real property under the Municipality's control upon expiration of this Agreement which was acquired or improved in whole or part with CDBG in the excess of $25,000 must either be used to meet one of the national objectives in Federal Community Development Block Grant Regulations 24 CFR 570.508 for a period of five years after expiration of this Agreement (unless a longer period is specified elsewhere in this Agreement), or, the Municipality shall pay the County an amount equal to the current market value of the property less any portion of the value attributable to expenditures of non-CDBG funds for the acquisition of, or improvement to, the property. This provision shall survive the expiration or termination of this Agreement.

17. DATA BECOMES COUNTY PROPERTY

All reports, plans, surveys, information, documents, maps, and other data procedures developed, prepared, assembled, or completed by the Municipality for the purpose of this Agreement shall be made available to the County by the Municipality at any time upon request by the County, DES, or the Palm Beach County Inspector General's office, as indicated herein. Upon completion of all work contemplated under this Agreement copies of all documents and records relating to this Agreement shall be surrendered to DES if requested. In any event, the Municipality shall keep all documents and records for five (5) years after expiration of this Agreement.

18. INDEMNIFICATION

Each party to this Agreement shall be liable for its own actions and negligence and, to the extent permitted by law, the County shall indemnify, defend, and hold harmless the Municipality against any actions, claims, or damages arising out of the County's negligence in connection with this Agreement, and the Municipality shall indemnify, defend, and hold harmless the County against any actions, claims, or damages arising out of the Municipality's negligence in connection with this Agreement. The foregoing indemnification shall not constitute a waiver of sovereign immunity beyond the limits set forth in Florida Statute, section 768.28, nor shall the same be construed to constitute agreement by either party to indemnify the other party for such other party's negligent, willful or intentional acts or omissions. The Municipality shall hold the County harmless and shall indemnify the County for funds which the County is obligated to refund the Federal Government arising out of the conduct of activities and administration of the Municipality. The provisions of this indemnification clause shall survive the termination of this Agreement.

19. INSURANCE BY MUNICIPALITY:

Without waiving the right to sovereign immunity as provided by S. 768.28 F.S., the Municipality acknowledges to be self-insured for General Liability and Automobile Liability under Florida sovereign immunity statutes with coverage limits of $200,000 Per Person and $300,000 Per Occurrence; or such monetary waiver limits that may change and be set forth by the legislature.

In the event the Municipality maintains third-party Commercial General Liability and Business Auto Liability in lieu of exclusive reliance of self-insurance under s.768.28 F.S., the Municipality shall agree to maintain said insurance policies at limits not less than $500,000 combined single limit for bodily injury or property damage

The Municipality agrees to maintain or to be self-insured for Workers' Compensation & Employer's Liability insurance in accordance with Florida Statute 440.

When requested, the Municipality shall agree to provide an affidavit or Certificate of Insurance evidencing insurance, self-insurance and/or sovereign immunity status,

which County agrees to recognize as acceptable for the above mentioned coverage. Compliance with the foregoing requirements shall not relieve the Municipality of its liability and obligations under this Agreement.

20. MAINTENANCE OF EFFORT

The intent and purpose of this Agreement is to increase the availability of the Municipality's services. This Agreement is not to substitute for or replace existing or planned projects or activities of the Municipality. The Municipality agrees to maintain a level of activities and expenditures, planned or existing, for projects similar to those being assisted under this Agreement which is not less than that level existing prior to this Agreement.

21. CONFLICT OF INTEREST

The Municipality covenants that no person who presently exercises any functions or responsibilities in connection with the Project, has any personal financial interest, direct or indirect, in the target areas or any parcels therein, which would conflict in any manner or degree with the performance of this Agreement and that no person having any conflict of interest shall be employed by or subcontracted by the Municipality. Any possible conflict of interest on the part of the Municipality or its employees shall be disclosed in writing to DES provided, however, that this paragraph shall be interpreted in such a manner so as not to unreasonably impede the statutory requirement that maximum opportunity be provided for employment of and participation of low and moderate-income residents of the project area.

22. CITIZEN PARTICIPATION

The Municipality shall cooperate with DES in the implementation of the Citizen Participation Plan by establishing a citizen participation process to keep residents informed of the activities the Municipality is undertaking in carrying out the provisions of this Agreement. Representatives of the Municipality shall attend meetings and assist DES in the implementation of the Citizen Participation Plan, as requested by DES.

23. RECOGNITION

All facilities purchased or constructed pursuant to this Agreement shall be clearly identified as to funding source. The Municipality will include a reference to the financial support herein provided by DES in all publications and publicity. In addition, the Municipality will make a good faith effort to recognize DES's support for all activities made possible with funds made available under this Agreement.

24. AGREEMENT DOCUMENTS

The following documents are herein incorporated by reference and made a part hereof, and shall constitute and be referred to as the Agreement; and all of said documents taken as a whole constitute the Agreement between the parties hereto and are as fully a part of the Agreement as if they were set forth verbatim and at length herein:

(A) This Agreement, including its Exhibits, which the County may revise from time to time, as required, and to be provided for use by the Agency;
(B) Office of Management and Budget Circulars A-87, A-102, A-133, and 24CFR Part 85;
(C) Title VI of the Civil Rights Act of 1964, the Age Discrimination Act of 1975, and Title II of the Americans with Disabilities Act of 1990;
(D) Executive Orders 11246, 11478, 11625, 12432, the Davis Bacon Act, and Section 3 of the Housing and Community Development Act of 1968, and the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended;
(E) Executive Orders 11063, 12259, 12892, the Fair Housing Act of 1988, and Section 109 of the Housing and Community Development Act of 1974, as amended;
(F) Florida Statutes, Chapter 112;
(G) Palm Beach County Purchasing Code;

(H) Federal Community Development Block Grant Regulations (24 CFR Part 570), and Federal Consolidated Plan Regulations (24 CFR Part 91), as amended;
(I) The Municipality's personnel policies and job descriptions; and
(J) The Municipality's Certificate of Insurance.

The Municipality shall keep an original of this Agreement, including its Exhibits, and all Amendments thereto, on file at its principal office.

25. TERMINATION AND SUSPENSION

In the event of early termination, the Municipality shall not be relieved of liability to the County for damages sustained by the County by virtue of any breach of the Agreement by the Municipality, and the County may withhold any payment to the Municipality until such time as the exact amount of damages due to the County from the Municipality is determined.

(A) **TERMINATION FOR CAUSE**

If, through any cause, either party shall fail to fulfill in a timely and proper manner its obligations under this Agreement, or if either party shall violate any of the covenants, agreements, or stipulations of this Agreement, either party shall thereupon have the right to terminate this Agreement or suspend payments, in whole or part, by giving written notice to the other party of such termination or suspension and specify the effective date of termination or suspension. Upon early termination, the County shall pay the Municipality for services rendered pursuant to this Agreement, through and including the date of termination.

(B) **TERMINATION FOR CONVENIENCE**

At any time during the term of this Agreement, either party may, at its option and for any reason, terminate this Agreement upon ten (10) working days written notice to the other party. Upon early termination, the County shall pay the Municipality for services rendered pursuant to this Agreement, through and including the date of termination.

(C) **TERMINATION DUE TO CESSATION**

In the event the Grant to the County under Title I of the Housing and Community Development Act of 1974 (as amended) is suspended or terminated, this Agreement shall be suspended or terminated effective on the date U.S. HUD specifies.

In the event the Municipality ceases to exist, or ceases or suspends its operation for any reason, this Agreement shall be suspended or terminated on the date the County specifies. The determination that the Municipality has ceased or suspended its operation shall be made solely by the County, and the Municipality, its successors or assigns in interest agrees to be bound by the County's determination. Upon early termination, the County shall pay the Municipality for services rendered pursuant to this Agreement, through and including the date of termination.

26. SEVERABILITY OF PROVISIONS

If any provision of this Agreement is held invalid, the remainder of this Agreement shall not be affected thereby if such remainder would then continue to conform to the terms and requirements of applicable law.

27. AMENDMENTS

The County may, at its discretion, amend this Agreement to conform with changes required by Federal, State, County, or U.S. HUD guidelines, directives, and objectives. Such amendments shall be incorporated by written amendment as a part of this Agreement and shall be subject to approval of the Palm Beach County Board of County Commissioners. Except as otherwise provided herein, no amendment to this Agreement shall be binding on either party unless in writing, approved by the Board of County Commissioners and the governing body of the Municipality, and signed by both parties.

28. NOTICES

All notices required to be given under this Agreement shall be sufficient when delivered to DES at its office at 100 Australian Avenue, Suite 500, West Palm Beach, Florida 33406, and to the Municipality when delivered to its address on page one (1) of this Agreement.

29. INDEPENDENT AGENT AND EMPLOYEES

The Municipality agrees that, in all matters relating to this Agreement, it will be acting as an independent agent and that its employees are not Palm Beach County employees and are not subject to the County provisions of the law applicable to County employees relative to employment, hours of work, rates of compensation, leave, unemployment compensation and employee benefits.

30. NO FORFEITURE

The rights of the County under this Agreement shall be cumulative and failure on the part of the County to exercise promptly any rights given hereunder shall not operate to forfeit or waive any of the said rights.

31. PUBLIC ENTITY CRIMES

As provided in F.S. 287.133 by entering into this Agreement or performing any work in furtherance hereof, the Municipality certifies that it, its affiliates, suppliers, subcontractors and consultants who will perform hereunder, have not been placed on the convicted vendor list maintained by the State of Florida Department of Management Services within the thirty six (36) months immediately preceding the date hereof. This notice is required by F.S. 287.133 (3)(a).

32. PALM BEACH COUNTY OFFICE OF THE INSPECTOR GENERAL

Palm Beach County has established the Office of Inspector General in Palm Beach County Code, Section 2-421 - 2-440, as may be amended. The Inspector General's authority includes, but is not limited to, the power to review past, present and proposed County contracts, transactions, accounts and records, to require the production of records, and to audit, investigate, monitor, and inspect the activities of the Agency, its officers, agents, employees, and lobbyists in order to ensure compliance with contract requirements and detect corruption and fraud. Failure to cooperate with the Inspector General or interfering with or impeding any investigation shall be in violation of Palm Beach County Code, Section 2-421 to 2-440, and punished pursuant to Section 125.69, Florida Statutes, in the same manner as a second degree misdemeanor.

33. EXCLUSION OF THIRD PARTY BENEFICIARIES

No provision of this Agreement is intended to, or shall be construed to, create any third party beneficiary or to provide any rights to any person or entity not a party to this Agreement, including but not limited to any citizen or employees of the County and/or the Municipality.

34. COUNTERPARTS OF THE AGREEMENT

This Agreement, consisting of twenty (20) enumerated pages which include the Exhibits referenced herein, shall be executed in three (3) counterparts, each of which shall be deemed to be an original, and such counterparts will constitute one and the same instrument. A copy of this Agreement shall be filed with the Clerk of the Circuit Court in and for Palm Beach County.

35. ENTIRE UNDERSTANDING

This Agreement and its provisions merge any prior agreements, if any, between the parties hereto and constitutes the entire understanding. The parties hereby acknowledge that there have been and are no representations, warranties, covenants, or undertakings other than those expressly set forth herein.

WITNESS our Hands and Seals on this _____ day of _____, 20__.

(MUNICIPALITY SEAL BELOW)

CITY OF LAKE WORTH

By: _____
Pam Triolo, Mayor

By: _____
Pamela J. Lopez, City Clerk

By: _____ for
Attorney for Municipality
(Signature Optional)

(COUNTY SEAL BELOW)

PALM BEACH COUNTY, FLORIDA, a Political Subdivision of the State of Florida

BOARD OF COUNTY COMMISSIONERS

By: _____
Shelley Vana, Mayor
Palm Beach County

ATTEST: Sharon R. Bock,
Clerk & Comptroller

By: _____
Deputy Clerk

Document No.: _____

Approved as to Form and
Legal Sufficiency

By:_____
James Brako,
Assistant County Attorney

Approved as to Terms and Conditions
Department of Economic Sustainability

By:_____
Sherry Howard,
Deputy Director

EXHIBIT "A"
WORK PROGRAM NARRATIVE

1. **MUNICIPALITY OBLIGATIONS:**

A. **PROFESSIONAL SERVICES:** The Municipality, using its own resources, shall retain an engineering consultant (a Florida Professional Engineer) to provide design services to create plans and specifications for the installation of a greenway along 11th Avenue South in the City of Lake Worth. Additionally, the Municipality and consultant shall prepare, obtain and review bids, prepare contract documents, inspect work in progress, recommend payment to contractors, and provide other professional services customarily provided by similar professionals for this type of project. The consultant shall also coordinate the design and construction work with the asbestos abatement contractor, should abatement become necessary.

Alternatively, the Municipality shall have the option of performing any portion of the consultant's services described above by its own staff provided such staff possesses the necessary competency to do so. All costs associated with the above services shall be paid for by the Municipality.

B. **PROJECT SCOPE:** The scope of the greenway installation along 11th Avenue South (between South A Street and South G Street) in the City of Lake Worth, shall include, but not be limited to, the following: clearing and grubbing of the site, construction of concrete sidewalks and driveways, landscaping of the area and other work associated with, and pertinent to, the installation of a greenway along 11th Avenue South.

(1) Should the Municipality use brand names in the bid package/drawings/ specifications for this project, then these documents shall:

(a) Clearly note that the specified brand name is used for descriptive purposes only,
(b) State that "equal" equipment or materials will be accepted, and
(c) Identify the minimum requirements to establish equality.

The Municipality agrees that the use of more than one brand name shall not be regarded as having met the above requirements.

(2) The Municipality shall submit its bid package/drawings/specifications, and an itemized opinion of probable construction cost, prepared by its consultant, to DES and obtain a letter of approval prior to bidding the construction work. Furthermore, the Municipality shall obtain DES approval prior to issuing any addenda to its bid documents for this project.

(3) The Municipality shall prioritize the work in the project, and shall bid such work in a manner that would allow the receipt of itemized costs from bidders which would then allow the award of items that can be funded by the budget provided that the extent of work awarded will result in a functioning facility in the opinion of DES.

(4) The Municipality shall assure that neither the prime contractor nor any subcontractor shall be allowed to perform one hundred percent (100%) of their work on this project on nights, weekends, or County recognized holidays, and shall assure that the prime contractor and all subcontractors shall, at a minimum, perform work on this project for the duration of one regular working day. The Municipality may request DES for a waiver to the above requirement should the nature of the project so necessitate, and in such instance, DES may, at its discretion, grant the Municipality such waiver.

(5) The Municipality shall not award the construction contract for the project until sufficient funding is available to complete the established scope of work. All construction work shall be included in one contract. The Municipality shall obtain DES approval prior to awarding the construction contract to be funded through this

Agreement. After awarding such contract, the Municipality shall obtain DES approval prior to executing any change orders to such contract.

(6) Should the construction contract amount for this project exceed the amount to be funded by the County for construction costs through this Agreement, then the Municipality shall fund all amounts in excess of the amount to be funded by the County. The Municipality shall first disburse 100% of their funds toward the contract amount, and shall provide DES with satisfactory documentation in this regard. DES will then fund the contract amount contained herein and as presently available in this project's budget in the form of a reimbursement to the City.

The Municipality may request the County to participate with a portion of the County's funding for construction costs first prior to participating with its funds. Under such a scenario, the Municipality would disburse an amount up to 75% of the County's funding amount made available for the project through this Agreement for construction costs and request reimbursement from the County for such amount, then disburse its portion of funding for the project (without being reimbursed by the County for such amount), and finally, the Municipality would disburse an amount equivalent to the County's remaining funding amount made available for the project through this Agreement for construction costs and request reimbursement from the County for such amount. The County's participation in this reimbursement method shall be at their sole discretion.

(7) The Municipality shall not request reimbursement from DES for materials or equipment received and stored on the project site or elsewhere. The Municipality shall only request reimbursement for materials and equipment that have been installed.

(8) The Municipality shall inform DES of any environmental findings or conditions discovered during activity implementation. Applicable mitigation measures must be incorporated in order to proceed with the project. Such mitigation measures may affect the total project cost.

The Municipality further agrees that DES, in consultation with any parties it deems necessary, shall be the final arbiter on the Municipality's compliance with the above.

C. **ASBESTOS REQUIREMENTS:** The Municipality shall comply with all applicable requirements contained in Exhibit "C", attached hereto, for construction work in connection with the project funded through this Agreement.

D. **DAVIS-BACON ACT:** The Municipality shall request the County to obtain a Davis-Bacon wage decision for the project prior to advertising the construction work. The Municipality shall incorporate a copy of the Davis-Bacon wage decision and disclose the requirements of the Davis-Bacon Act in its construction bid solicitation and contract.

E. **BONDING REQUIREMENTS:** The Municipality shall comply with the requirements of 24 CFR Part 85 in regard to bid guarantees, performance bonds, and payment bonds. For contracts exceeding $100,000, the Municipality shall require a bid guarantee from each bidder equivalent to five percent (5%) of the bid price. The "bid guarantee" shall consist of a firm commitment such as a bid bond, certified check, or other negotiable instrument accompanying a bid as assurance that the bidder will, upon acceptance of his bid, execute such contractual documents as may be required within the time specified. In addition, for contracts exceeding $100,000, the Municipality shall also require a performance bond on the part of the contractor for 100 percent (100%) of the contract price and a payment bond on the part of the contractor for 100 percent (100%) of the contract price. A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract. A "payment bond" is one executed in connection with a contract to assure payment as required by law of all persons supplying labor and material in the execution of the work provided for in the contract. All bonds shall

be executed by a corporate surety company of recognized standing, authorized to do business in the State of Florida. The Municipality may follow its own requirements relating to bid guarantees, performance bonds, and payment bonds for contracts of $100,000, or less.

F. **CONSTRUCTION PAYMENT RETAINAGE:** Throughout the term of this contract, the Agency shall withhold retainage upon each progress draw at the maximum percentage allowed by Florida law. The Agency shall abide by Florida law regarding the payment of retainage funds and project closeout procedures. The Agency shall ensure that its contractor and subcontractors have complied with the requirements of the Davis-Bacon Act, and that satisfactory project closeout documentation has been submitted and approved by DES.

G. **FORMER PROJECTS:** The Municipality shall maintain all previously completed CDBG funded projects. Failure to do so will result in forfeiture of future CDBG funds and will delay funding for ongoing activities.

H. **MONTHLY PERFORMANCE REQUIREMENTS:** The time frame for completion of the outlined activities shall be September 30, 2016. The Municipality shall meet these performance requirements by the timely performance, documentation, and completion of the following tasks:

Advertise & Accept Bids by	September 1, 2015
Start Construction by	December 1, 2015
Complete Construction by	June 1, 2016
Submit Final Reimbursement Request by	August 1, 2016

I. **REPORTS:** The Municipality shall submit to DES a detailed Monthly Performance Report in the form provided as Exhibit "B" to this Agreement. Each Report must account for the total activity for which the Municipality is funded under this Agreement, and a Municipality representative must certify that all of the Municipality's Monthly Performance Requirements contained herein have been met during the reporting period. These Monthly Performance Reports shall be used by DES to assess the Municipality's progress in implementing the project.

This Agreement may be amended to decrease and/or recapture funds from the Municipality depending upon the timely completion of the monthly performance requirement deadlines and/or the rate of expenditure of funds, as determined by DES.

The Municipality may be subject to decrease and/or recapture of project funds by the County if the above Monthly Performance Requirements are not met. Failure by the Municipality to comply with these requirements may negatively impact ability to receive future grant awards.

J. **USE OF THE PROJECT FACILITY/PROPERTY:** The Municipality agrees in regard to the use of the facility/property whose acquisition or improvements are being funded in part or in whole by CDBG funds as provided by this Agreement, that for a period of five (5) years after the expiration date of this Agreement (as may be amended from time to time):

(1) The Municipality may not change the use or planned use, or discontinue use, of the facility/property (including the beneficiaries of such use) from that for which the acquisition or improvements are made, unless the Municipality provides affected citizens with reasonable notice of, and opportunity to comment on, any such proposed change and either:

a. The new use of the facility/property qualifies as meeting one of the national objectives defined in the regulations governing the CDBG program, and is not a building for the general conduct of government; or

b. The requirements of paragraph (2) of this section are met.

(2) If the Municipality determines, after consultation with affected citizens, that it is appropriate to change the use of the facility/property to a use which does not qualify under paragraph (1) (a) of this section or discontinue the use of the facility/property, it may retain or dispose of the facility for such use if the County is reimbursed in the amount of the current fair market value of the facility/property less any portion thereof attributable to expenditures of non-CDBG funds for acquisition of, or improvements to the facility/property. The final determination of the amount of any such reimbursement to the County under this paragraph shall be made by the County.

(3) Following the reimbursement of CDBG funds by the Municipality to the County pursuant to paragraph (2) above, the facility/property will then no longer be subject to any CDBG requirements.

The provisions of this clause shall survive the expiration of this Agreement.

K. **SECTION 3 REQUIREMENTS:** The Municipality agrees to comply with all Section 3 requirements applicable to contracts funded through this Agreement. Information on Section 3 is available at DES upon request. The Municipality shall include the following, referred to as the Section 3 Clause, in every solicitation and every contract for every Section 3 covered project:

Section 3 Clause

(1) The work to be performed under this contract is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 170 1u (Section 3). The purpose of Section 3 is to ensure that employment and other economic opportunities generated by HUD assistance or HUD-assisted projects covered by Section 3 shall, to the greatest extent feasible, be directed to low-and very low-income persons, particularly persons who are recipients of HUD assistance for housing.

(2) The parties to this contract agree to comply with HUD's requirements in 24 CFR Part 135, which implement Section 3. As evidenced by their execution of this contract, the parties to this contract certify that they are under no contractual or other impediment that would prevent them from complying with the Part 135 regulations.

(3) The contractor agrees to send to each labor organization or representative of workers with which the contractor has a collective bargaining agreement or other understanding, if any, a notice advising the labor organization or workers representative of the contractor's commitment under this Section 3 clause, and will post copies of the notice in conspicuous places at the work site where both employees and applicants for training and employment positions can see the notice. The notice shall describe the Section 3 preference, shall set forth minimum number and job titles subject to hire, availability of apprenticeship and training positions, the qualifications for each; and the name and location of the person(s) taking applications for each of the positions; and the anticipated date the work shall begin.

(4) The contractor agrees to include this Section 3 clause in every subcontract subject to compliance with regulations in 24 CFR Part 135, and agrees to take appropriate action, as provided in an applicable provision of the subcontract or in this Section 3 clause, upon a finding that the subcontractor is in violation of the regulations in 24 CFR Part 135. The contractor will not subcontract with any subcontractor where the contractor has notice or knowledge that the subcontractor has been found in violation of the regulations in 24 CFR 135.

(5) The contractor will certify that any vacant employment positions, including training positions, that are filled (1) after the contractor is selected but before the contract is executed, and (2) with persons other than those to whom the

regulations of 24 CFR Part 135 require employment opportunities to be directed, were not filled to circumvent the contractor's obligations under 24 CFR Part 135.

(6) Noncompliance with HUD's regulations in 24 CFR Part 135 may result in sanctions, termination of this contract for default, and debarment or suspension from future HUD assisted contracts.

L. **ENVIRONMENTAL CONDITIONS:** The County has performed an Environmental Review (ER) of the project to assess existing conditions and identify all potential environmental impacts, whether beneficial or adverse, and any required conditions or mitigation measures that the Municipality must consider in the design and implementation of the project. The Municipality acknowledges that it has received notification from DES containing the results of the ER. The notification letter included a description of any conditions and mitigation measures required to be undertaken by the Municipality. Where applicable, the Municipality shall submit to DES a plan of action and an implementation schedule for complying with any identified conditions requiring mitigation. The Municipality shall comply with all requirements established by the County emulating from the completion of the ER.

ER costs incurred by the County may be charged to the project identified above. In addition, the Municipality shall immediately inform DES of any environmental findings or conditions discovered during activity implementation, and agrees that applicable mitigation measures, subject to DES approval, shall be incorporated in order to proceed with the project. The Municipality acknowledges that such mitigation measures may affect the total project cost and that Municipality may be responsible for implementation of corrective actions and the costs associated therewith.

2. COUNTY OBLIGATIONS:

A. Provide funding for the above specified improvements as described above in "Project Scope", during the term of this Agreement, in the amount of $267,396. However, the County shall not provide any funding for the construction work until the Municipality provides documentation showing that sufficient funds are available to complete the project.

B. Provide project administration and inspection to the Municipality to ensure compliance with U.S. HUD and the Department of Labor, and applicable State, Federal and County laws and regulations.

C. Monitor the Municipality at any time during the term of this Agreement. Visits may be announced or unannounced, as determined by DES, and will serve to ensure compliance with U.S. Department of HUD regulations that planned activities are conducted in a timely manner, and to verify the accuracy of reporting to DES on program activities.

D. The County shall perform an environmental review of the project, and review and approve project design and bids submitted for the work. The County shall also perform Davis-Bacon Act Labor Standards monitoring and enforcement. Environmental review costs incurred by the County may be charged to the project identified above.

E. Allowable costs that may be paid by the County under this Agreement in addition to those stated in 2.A above:
(1) Costs of asbestos surveys, asbestos abatement, and abatement monitoring.
(2) Costs of any other services customarily associated with projects of the nature of the project contemplated by this Agreement.

The County shall review requests by the Municipality for expenditures on the above items prior to undertaking the services associated with them, and approve any such expenditure it deems appropriate for this project.

EXHIBIT "B"
PALM BEACH COUNTY ECONOMIC SUSTAINABILITY

MONTHLY PERFORMANCE REPORT

Report For:	Month: _____ Year: _____
Sub-recipient Name:	City of Lake Worth
Project Name:	11th Avenue South Greenway
Report Prepared By:	_____ _____ Name Signature Date

BUDGETING AND EXPENDITURES

Amounts Expended this Reporting Period: CDBG Funds:$_____Other Funds:$_____

Amounts Expended to Date:

//	BUDGETED	EXPENDED	PERCENTAGE
CDBG Funds:	$ 267,396	$	%
Other Funds:_____	$	$	%
Other Funds:_____	$	$	%
TOTAL:	$	$	%

Describe any changes in budgeted amounts during this reporting period and the source of funds: _____

Describe your efforts to obtain any additional funds for the project during this reporting period (if your project is underfunded): _____

PROJECT ACTIVITIES

Describe your accomplishments during the reporting period: _____

Describe any problems encountered during this reporting period: _____

Other comments: _____

I, _____, do hereby certify that the City of Lake Worth has met all of its Monthly Performance Requirements (Exhibit "A", Paragraph H) referenced in the Agreement during this reporting period.

_____
Name & Title of Certifying Representative

Send Monthly Performance Report to: Bud Cheney, Manager of CIREIS
Department of Economic Sustainability
100 Australian Avenue, Suite 500
West Palm Beach, FL 33406

EXHIBIT "C"

ASBESTOS REQUIREMENTS
SPECIAL CONDITIONS FOR DEMOLITION AND RENOVATION OF BUILDINGS

The provisions of this part apply to all demolition and renovation work contemplated in this Agreement and described in Exhibit "A" of this Agreement.

I. DEFINITIONS

ACM:	Asbestos Containing Materials
AHERA:	Asbestos Hazard Emergency Response Act
EPA:	Environmental Protection Agency
FLAC:	Florida Licensed Asbestos Consultant
DES:	Palm Beach County Department of Housing and Community Development
NESHAP:	National Emission Standards for Hazardous Air Pollutants
NRCA:	National Roofing Contractors Association
NVLAP:	National Voluntary Laboratory Accreditation Program
OSHA:	Occupational Safety & Health Administration
PBCAC:	Palm Beach County Asbestos Coordinator (in Risk Management)
PLM:	Polarized Light Microscopy
RACM:	Regulated Asbestos Containing Materials
TEM:	Transmission Electron Microscopy

II. ASBESTOS SURVEYS

All properties scheduled for renovation or demolition are required to have a comprehensive asbestos survey conducted by a Florida Licensed Asbestos Consultant (FLAC). The survey shall be conducted in accordance with AHERA guidelines. Analysis must be performed by a NVLAP accredited laboratory.

For Renovation Projects (projects which will be reoccupied):

- Point counting should be conducted on all RACM indicating 1% - 10% asbestos by PLM analysis. If the asbestos content by PLM is less than 10%, the building owner/operator can elect to:
    1. Assume the material is greater than 1% and treat it as RACM, or
    2. Require verification by point counting
- Samples of resilient vinyl floor tile indicating asbestos not detected must be confirmed by transmission electron microscopy (TEM)
- Joint compound shall be analyzed as a separate layer
- Roofing material shall be sampled only if a renovation requires the roof to be disturbed. In lieu of sampling the roof, it will be presumed to contain asbestos

For Demolition Projects:

- Point counting should be conducted on all RACM indicating 1% - 10% asbestos by PLM analysis. If the asbestos content by PLM is less than 10%, the building owner/operator can elect to:
    1. Assume the material is greater than 1% and treat it as RACM, or
    2. Require verification by point counting
- Composite sample analysis is permitted for drywall systems (combining the drywall and joint compound constituents)
- All Category I and II non-friable materials, as defined in EPA/NESHAP, shall be sampled to determine asbestos content

If the Agency (or Municipality, as applicable) has a recent asbestos survey report prepared by a Florida Licensed Asbestos Consultant, a copy may be provided to DES for review by the PBCAC to determine if the survey is adequate to proceed with renovation/demolition work. If no survey is available, a survey may be initiated by the Agency (or Municipality, as applicable) or requested by DES. If the survey is through DES, a copy of the completed survey will be forwarded to the Agency (or Municipality, as applicable).

III. ASBESTOS ABATEMENT

A. RENOVATION

(a) Prior to a renovation, all asbestos containing materials that will be disturbed during the renovation, must be removed by a Florida Licensed Asbestos Contractor under the direction of a FLAC. Exceptions may be granted by DES prior to the removal. The Agency (or Municipality, as applicable) must obtain approval for all exceptions from DES. DES will request the PBCAC to review and approve all exceptions.

(b) Asbestos abatement work may be contracted by the Agency (or Municipality, as applicable) or by DES upon request.

(c) If the Agency (or Municipality, as applicable) contracts the asbestos abatement, the following documents are required to be provided to the DES.

1. An Asbestos Abatement Specification (Work Plan)
2. Post Job submittals, reviewed and signed by the FLAC

(d) If the Agency (or Municipality, as applicable) requests DES to contract the asbestos abatement, DES will initiate the request through the PBCAC who will contract the asbestos abatement. DES will provide a copy of all contractor and consultant documents to the Agency (or Municipality, as applicable).

(e) Materials containing <1% asbestos are not regulated by EPA/NESHAPS. However, OSHA compliance is mandatory. OSHA requirements include training, wet methods, prompt cleanup in leak tight containers, etc. The renovation contractor must comply with US Dept of Labor, OSHA Standard Interpretation, "Compliance requirements for renovation work involving material containing <1% asbestos", dated 11/24/2003. The renovation contractor must submit a work plan to DES prior to removal of the materials.

B. DEMOLITION

All RACM must be removed by a Florida Licensed Asbestos Contractor under the direction of an FLAC prior to demolition. Examples of RACM include: popcorn ceiling finish, drywall systems, felt or paper-backed linoleum, resilient floor tile which is not intact, asbestos cement panels/pipes/shingles ("transite").

NESHAP Category I non-friable materials, such as intact resilient floor tile & mastic and intact roofing materials, may be demolished with the structure, using adequate controls. The demolition contractor shall be made aware of the asbestos-containing materials and shall exercise adequate control techniques (wet methods, etc.). Any exceptions to these guidelines shall be requested through and approved by DES prior to the removal. Demolition work should be monitored by a FLAC to ensure proper control measures and waste disposal. This is the responsibility of the Agency (or Municipality, as applicable).

(a) Asbestos Abatement work may be contracted by the Agency (or Municipality, as applicable) or by DES upon request.

(b) If the Agency (or Municipality, as applicable) contracts the asbestos abatement, the following documents must be provided to the DES and reviewed by the PBCAC.

1. An Asbestos Abatement Specification (Work Plan).
2. Post Job submittals, reviewed and signed by the FLAC.

(c) If the Agency (or Municipality, as applicable) requests DES to contract the asbestos abatement, DES will initiate the request through the PBCAC who will contract the asbestos abatement. DES will provide a copy of all contractor and consultant documents to the Agency (or Municipality, as applicable).

(d) Recycling, salvage or compacting of any asbestos containing materials or the substrate is strictly prohibited.

(e) In all cases, compliance with OSHA "Requirements for demolition operations involving material containing <1% asbestos" is mandatory.

(f) If suspect materials are discovered that were not previously sampled and identified in the survey, stop all work that will disturb these materials and immediately notify DES.

IV. NESHAP NOTIFICATION

A. RENOVATION

A NESHAP form must be prepared by the Agency (or Municipality, as applicable) or its Contractor and submitted to the Palm Beach County Health Department at least ten (10) working days prior to an asbestos activity that involves removal of regulated asbestos containing material, including linoleum, greater than 160 square feet or 260 linear feet or 35 cubic feet. For floor tile removal greater than 160 square feet, the Agency (or Municipality, as applicable) or its Contractor shall provide a courtesy NESHAP notification to the Palm Beach County Health Department at least three (3) working days prior to removal.

The Agency (or Municipality, as applicable) shall provide a copy of the asbestos survey to the renovation contractor to keep onsite during the work activity.

B. DEMOLITION

A NESHAP form must be prepared by the Agency (or Municipality, as applicable) or its Contractor and submitted to the Palm Beach County Health Department at least ten (10) working days prior to the demolition for projects demolished by the Agency (or Municipality, as applicable).

C. NESHAP FORM

The NESHAP form is available online through the Florida Department of Environmental Regulations. The notification shall be sent to the address shown below. A copy shall be included in the Agency (or Municipality, as applicable) post job documentation submitted to DES. All fees shall be paid by the Agency (or Municipality, as applicable).

Palm Beach County Department of Health
Asbestos Coordinator
800 Clematis Street
Post Office Box 29
West Palm Beach, Florida 33402

V. APPLICABLE ASBESTOS REGULATIONS/GUIDELINES

The Agency (or Municipality, as applicable), through its demolition or renovation contractor, shall comply with the following asbestos regulations/guidelines. This list is *not* all inclusive:

(a) Environmental Protection Agency (EPA) NESHAP, 40 CFR Parts 61 Subpart M National Emission Standard for Asbestos, revised July 1991

(b) Occupational Safety & Health Administration (OSHA) Construction Industry Standard, 29 CFR 1926.1101

(c) EPA: A Guide to Normal Demolition Practices under the Asbestos NESHAP, September 1992

(d) Demolition practices under the Asbestos NESHAP, EPA Region IV

(e) Asbestos NESHAP Adequately Wet Guidance

(f) Florida State Licensing and Asbestos Laws
1. Title XVIII, Chapter 255, Public property and publicly owned buildings.
2. Department of Business and Professional Regulations, Chapter 469 Florida Statute, Licensure of Asbestos Consultants and Contractors

(g) Resilient Floor Covering Institute (RFCI), Updated Recommended Work Practices and Asbestos Regulatory Requirements, current version.

(h) Florida Roofing Sheet Metal and Air Conditioning Contractors Association, NRCA,
June 1995, or current version.

(i) US Dept of Labor, OSHA Standard Interpretation
1. Application of the asbestos standard to demolition of buildings with ACM in Place, dated 8/26/2002.
2. Requirements for demolition operations involving material containing <1% asbestos, dated 8/13/1999.
3. Compliance requirements for renovation work involving material containing <1% asbestos, dated 11/24/2003.

Capital Improvement Program (CIP)
Project Request Form
(For Projects / Items Costing Over $25,000)

(Page 1 of 2)

Project Title:	**11th Ave South Greenway Improvements**				**Category Criteria**	**Improvements**
Responsible Department:	**Public Services**				**Division:**	**Streets Maintenance**
Project Manager:	**Director**				**Project Location:**	**11th Ave South**
Project Identification Number:	**PS-STxxxx**				**Programmed:**	**Yes**
Project Type / Duration:	( ) New	( ) Existing	(x) 1-Year	( ) Multi-Yr	**Project Priority:**	**1**

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			265,000					265,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous			2,396					2,396
Other / Indirect								-
Total Expenditures	$ -	$ -	$ 267,396	$ -	$ -	$ -	$ -	$ 267,396

Project Description:

This project has been developed with input from the Commission, local neighborhood associations, and the City's Tree Board. The City currently has many unimproved roadway's that are comprised of shellrock and are currently dumping areas for littering and debris. The City's Public Services developed a city-wide Greenway concept plan that can mirrored across the City for the conversion of unimproved roadways into Greenways, consisting of a shared use path, driveways, landscaping, irrigation, sodding, and ADA accessible improvements.

Project Need / Justification / Benefits:

This project has been coordianted with all the Departments, Commission, Tree Board, and local neighborhood associations.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-		-
	-		-
	-		-

Project Title: (Page 2 of 2)	11th Ave South Greenway Improvements

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2015 - FY2019 Estimated Total
General Fund - 001								-
Road Improvement Fund (170)								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
City Self Insurance Fund -								
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	-	-	-	-	$ -

#2) Grant Funding:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2015 - FY2019 Estimated Total
Federal Grants			267,396					267,396
State Grants								-
County Grants								-
Total Grant Funding:	-	-	267,396	-	-	-	-	$ 267,396

#3) Other Outside Funding:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2015 - FY2019 Estimated Total
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								
Insurance Proceeds								-
Total Other Outside Funding:	-	-	-	-	-	-	-	$ -

#4) Revenue Enhancements:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2015 - FY2019 Estimated Total
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	$ -

Revenue Funding Summary:	Estimated Expenditures 9/30/13	FY2014 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2015 - FY2019 Estimated Total
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	267,396	-	-	-	-	267,396
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	$ -	$ -	$ 267,396	$ -	$ -	$ -	$ -	$ 267,396

This section must be completed for all projects.

Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	Expense Totals (B.1 -to- B.8)			-	$ -

CITY OF LAKE WORTH

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015, Regular Meeting **DEPARTMENT:** Leisure Services

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EXECUTIVE BRIEF

TITLE:
Resolution No. 19-2015 - submit an application for Fiscal Year 2016 CDBG funding to replace the Osborne Pavilion roof structure.

SUMMARY:
The Resolution authorizes the submission of a $60,000 Community Development Block Grant (CDBG) funding application for improvements to the Osborne Pavilion.

BACKGROUND AND JUSTIFICATION:
The Palm Beach County Department of Economic Sustainability has announced the start of the planning process for its Consolidated Plan - One Year Action Plan for Fiscal Year 2015-2016. In furtherance of this process, DES has announced that it is accepting applications from eligible applicants for Fiscal Year 2015-2016 CDBG Program funding. By participating in its CDBG Urban County Program and by having an approved target area, the City will have access to a formula CDBG allocation that is currently estimated to be $257,603. Additionally, the City may be the recipient of a Special Area of Hope allocation in the estimated amount of $315,740. Funding is subject to availability from HUD and approval by the Board of County Commissioners.

The City can submit no more than two applications for two eligible activities under CDBG regulations set forth at 24 CFR Part 570, with the exception of planning and administration activities and public service activities. Eligible activities must further address one of the three national objectives of the CDBG program that include providing benefit to low and moderate income persons, aiding in the prevention of slums and blight and meeting an urgent community development need.

Pursuant to direction provided by the Mayor and the City Commission at its Work Session of April 14, 2015, the City intends to submit an application for improvements to the Osborne Pavilion. The existing structure is at the end of its useful life and must be replaced. In addition, four concrete benches are in a deteriorated condition and must be replaced.

The estimated cost of these improvements is $60,000. The City will be requesting $60,000 in CDBG funds from the County for this purpose; and the estimated award timeline is to be in October 2015. No local cost share is required from the City. Applications must be submitted to DES by May 8, 2015.

MOTION:
I move to approve/not approve Resolution No. 19-2015.

ATTACHMENT(S):
Fiscal Impact Analysis
Resolution

CDBG Target Area Map
Site Map
CIP

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	0	60,000	0	0	0
Operating Expenditures	0	0	0	0	0
External Revenues	0	(60,000)	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
Net Fiscal Impact	0	0	0	0	0
No. of Addn'l Full-Time Employee Positions	0	0	0	0	0

B. Recommended Sources of Funds/Summary of Fiscal Impact:

C. Department Fiscal Review: _____

Capital Improvement Program (CIP)
Project Request Form
(For Projects / Items Costing Over $25,000)

(Page 1 of 2)

Project Title:	**Osborne Pavilion Roof Structure**				**Category Criteria**	**Improvements**
Responsible Department:	**Public Services**				**Division:**	**Facilities Management**
Project Manager:	**Director**				**Project Location:**	**Osborne Park**
Project Identification Number:	**PS-STxxxx**				**Programmed:**	**Yes**
Project Type / Duration:	( ) New	( ) Existing	(x) 1-Year	( ) Multi-Yr	**Project Priority:**	**1**

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			60,000					60,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	$ -	$ -	$ 60,000	$ -	$ -	$ -	$ -	$ 60,000

Project Description:

This project has been coordinated with the Leisure Services Department and has been determined to be necessary due to the aged pavilion structure that exists currently.

Project Need / Justification / Benefits:

This project has been coordinated with the Leisure Services Department.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-		-
	-		-
	-		-

Project Title: (Page 2 of 2)	Osborne Pavilion Roof Structure

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
General Fund - 001								-
Road Improvement Fund (170)								-
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
City Self Insurance Fund -								
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	-	-	-	-	-	$ -

#2) Grant Funding:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
Federal Grants			60,000					60,000
State Grants								-
County Grants								-
Total Grant Funding:	-	-	60,000	-	-	-	-	$ 60,000

#3) Other Outside Funding:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								
Insurance Proceeds								-
Total Other Outside Funding:	-	-	-	-	-	-	-	$ -

#4) Revenue Enhancements:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	$ -

Revenue Funding Summary:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
City Funding	-	-	-	-	-	-	-	-
Grant Funding	-	-	60,000	-	-	-	-	60,000
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	$ -	$ -	$ 60,000	$ -	$ -	$ -	$ -	$ 60,000

This section must be completed for all projects.

Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	**Expense Totals (B.1 -to- B.8)**			-	$ -

RESOLUTION NO. 19-2015 OF THE CITY OF LAKE WORTH, FLORIDA, AUTHORIZING THE SUBMISSION OF AN APPLICATION TO PALM BEACH COUNTY FOR FISCAL YEAR 2015-2016 COMMUNITY DEVELOPMENT BLOCK GRANT FUNDS FOR IMPROVEMENTS TO THE OSBORNE PAVILION; PROVIDING FOR AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

WHEREAS, Palm Beach County, as an eligible Urban County, receives an annual statutory formula allocation of Community Development Block Grant (CDBG) Program funds from the U.S. Department of Housing and Urban Development (HUD); and

WHEREAS, the City participates in the Palm Beach County CDBG Urban County Program by entering into an Interlocal Agreement with Palm Beach County and is thereby eligible for receipt of its portion of the formula allocation of Fiscal Year 2015-2016 CDBG funds in an estimated amount of $257,603; and; and

WHEREAS, the City might be eligible to receive a Fiscal Year 2015-2016 Special Area of Hope allocation in the amount of $315,740; and

WHEREAS the aforementioned funding is subject to availability from HUD and approval by the Board of County Commissioners; and

WHEREAS, Palm Beach County has announced that the City can submit no more than two applications for the aforementioned Fiscal Year 2015-2016 Community Development Block Grant Program funding to be used for two eligible activities under the CDBG Program as set forth at 24 CFR Part 570; and

WHEREAS, public facilities and improvements is an eligible activity under CDBG Program regulations at 24 CFR 570.201(c); and

WHEREAS, the City desires to submit an application to Palm Beach County for Fiscal Year 2015-2016 CDBG funding in the amount of $60,000 for improvements to the Osborne Pavilion.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF LAKE WORTH, FLORIDA, that:

<u>SECTION 1</u>: The City Commission of the City of Lake Worth, Florida, hereby authorizes the submission of an application to Palm Beach for Fiscal Year 2015-2016 CDBG funding in the amount of $60,000 for improvements to the Osborne Pavilion.

SECTION 2: The City Commission of the City of Lake Worth, Florida, hereby authorizes Michael Bornstein, City Manager, to execute the City's application for Fiscal Year 2015-2016 CDBG funding from Palm Beach County.

SECTION 3: Upon execution of the Resolution, one copy shall be provided to the Leisure Services Department Director. The fully executed original shall be maintained by the City Clerk as a public record of the City.

SECTION 4: This Resolution shall become effective in accordance with law.

The passage of this Resolution was moved by Commissioner _____, seconded by Commissioner _____, and upon being put to a vote, the vote was as follows:

Mayor Pam Triolo
Vice Mayor Scott Maxwell
Commissioner Christopher McVoy
Commissioner Andy Amoroso
Commissioner Ryan Maier

Mayor Pam Triolo thereupon declared this Resolution duly passed and adopted on the 5th day of May, 2015.

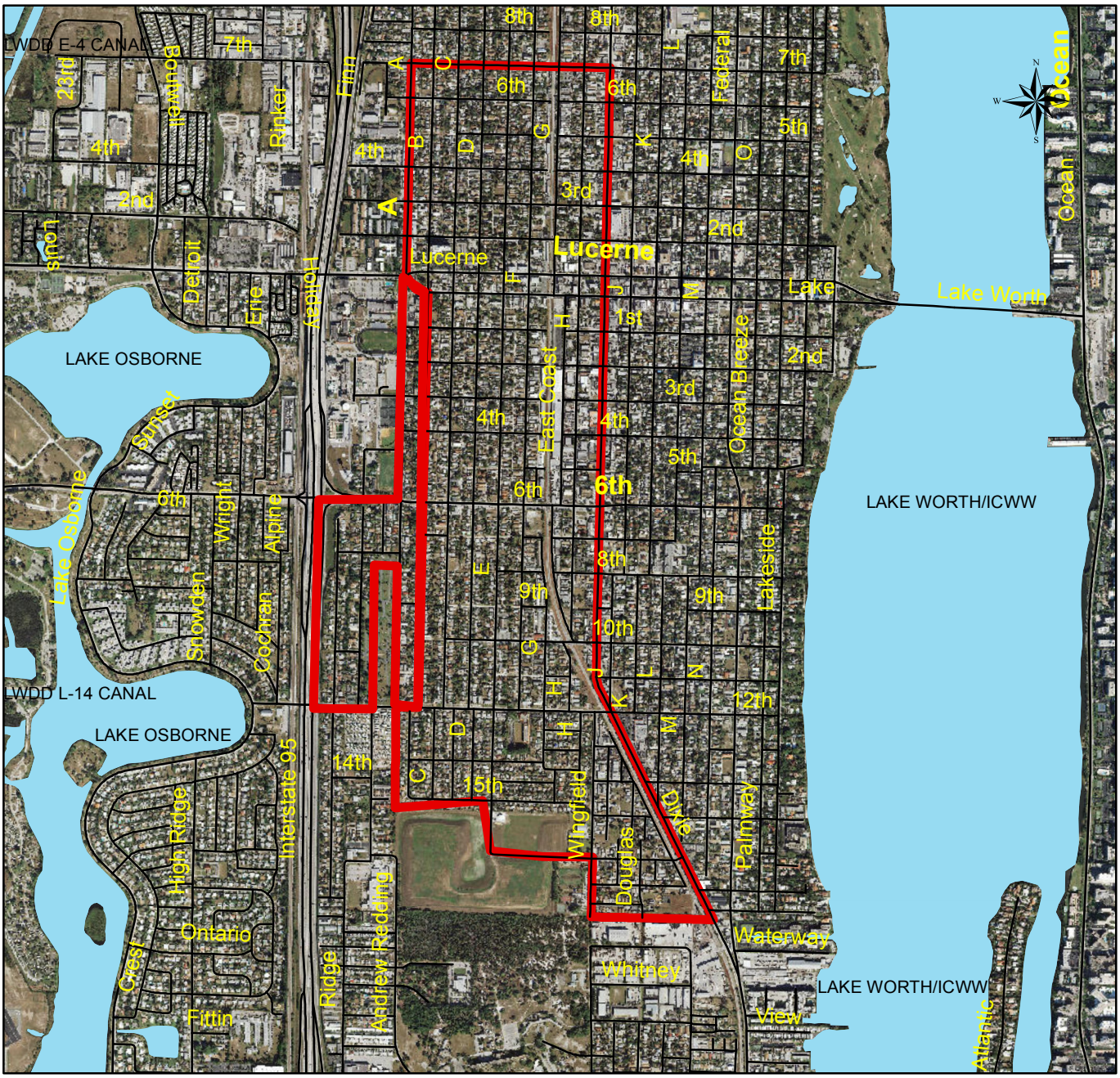
LAKE WORTH CITY COMMISSION

By:_____
Pam Triolo, Mayor

ATTEST:

_____
Pamela J. Lopez, City Clerk

CITY OF LAKE WORTH TARGET AREA



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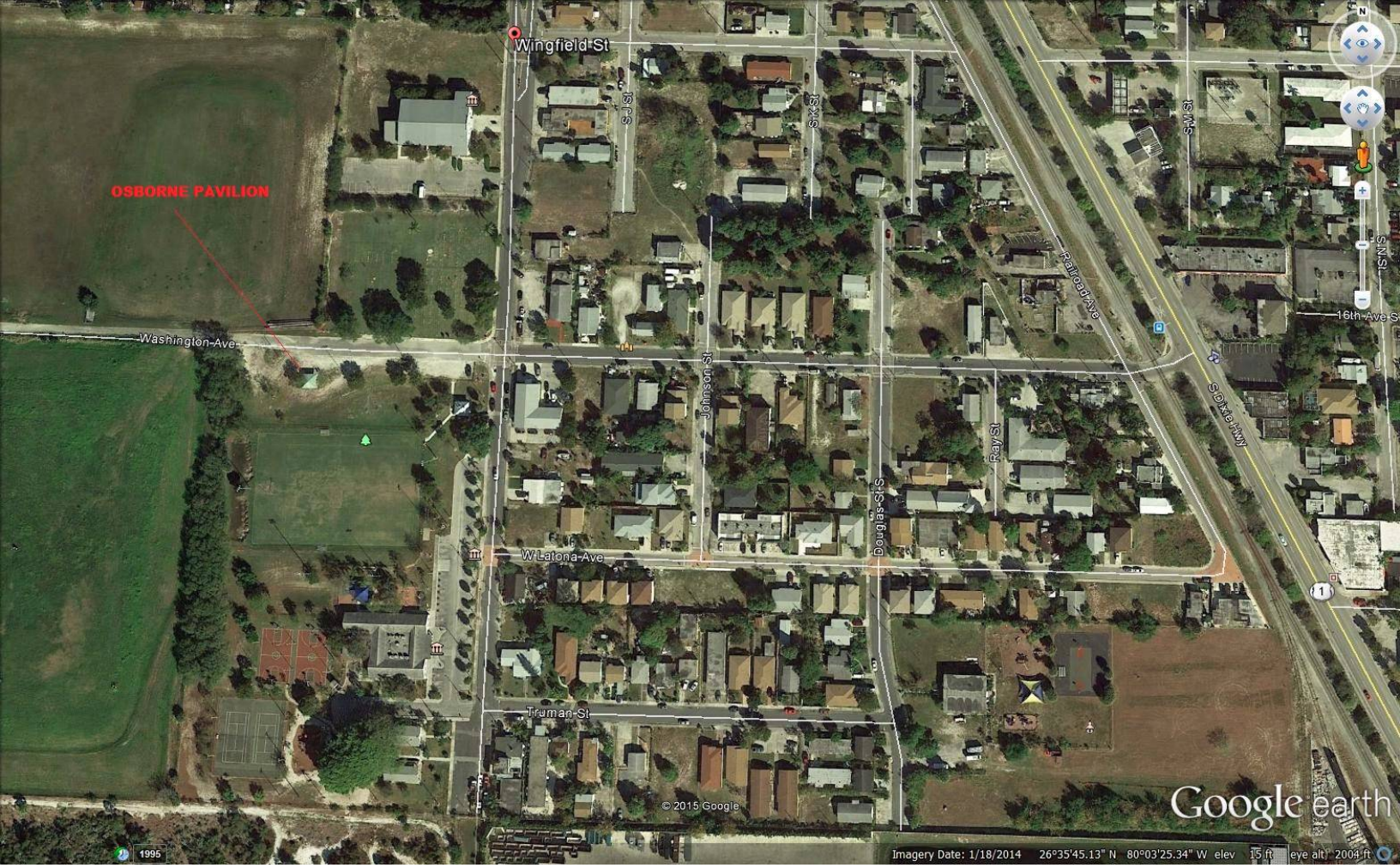
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Douglas St
Ray St
S Dixie Hwy
W Latona Ave
Truman St
© 2015 Google
Google earth
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CITY OF LAKE WORTH

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015, Regular Meeting **DEPARTMENT:** Public Services

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EXECUTIVE BRIEF

TITLE:
Resolution No. 20-2015 - submit an application for Fiscal Year 2016 CDBG funding for improvements to Tropical Drive and Barton Road

SUMMARY:

The Resolution authorizes the submission of a $513,343 Community Development Block Grant (CDBG) funding application for improvements to Tropical Drive and Barton Road.

BACKGROUND AND JUSTIFICATION:
The Palm Beach County Department of Economic Sustainability has announced the start of the planning process for its Consolidated Plan One Year Action Plan for Fiscal Year 2015-2016. In furtherance of this process, DES has announced that it is accepting applications from eligible applicants for Fiscal Year 2015-2016 CDBG Program funding. By participating in its CDBG Urban County Program and by having an approved target area, the City will have access to a formula CDBG allocation that is currently estimated to be $257,603. Additionally, the City may be the recipient of a Special Area of Hope allocation in the estimated amount of $315,740. Funding is subject to availability from HUD and approval by the Board of County Commissioners.

The City can submit no more than two applications for two eligible activities under CDBG regulations set forth at 24 CFR Part 570, with the exception of planning and administration activities and public service activities. Eligible activities must further address one of the three national objectives of the CDBG program that include providing benefit to low and moderate income persons, aiding in the prevention of slums and blight and meeting an urgent community development need.

Pursuant to direction provided by the Mayor and the City Commission at its Work Session of April 14, 2015, the City intends to submit an application for improvements to Tropical Drive from Palmetto to South Road and to Barton Road from 12th Avenue South to Andrew Redding Road. These roadways represent the primary service roads for Barton Elementary School. These improvements are inclusive of a new roadway, curbing and sidewalks, and will serve to provide safer routes to the school.

The estimated cost of these improvements is $661,000. Based on the Workshop discussion with the Commission, the City will be requesting $513,343 of the possible $573,343 in funds from the County and will fund the difference of $147,657 from the City's Roadway fund. The remaining $60,000 in funding shall be allocated for a park project and be brought forth under a different agenda item. The Applications must be submitted to DES by May 8, 2015.

The City Road Improvement funding for this project is being generated from the reallocated funds from a project scheduled for FY2015 which was "North Lakeside Drive – 16th Ave N to 18th Ave N" and will not be constructed due to poorer than anticipated roadway condition and the need for additional funding to properly

construct this project. The budgeted amount for this project was $160,839 and will be reallocated to fund the Tropical Drive and Barton Road Improvements project.

MOTION:
I move to approve/not approve Resolution No. 20-2015.

ATTACHMENT(S):
Fiscal Impact Analysis
Capital Improvement Program
Resolution
Areal Map
Target Area

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	0	661,000	0	0	0
Operating Expenditures	0	0	0	0	0
External Revenues	0	(513,343)	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
Net Fiscal Impact	0	147,657	0	0	0
No. of Addn'l Full-Time Employee Positions	0	0	0	0	0

B. Recommended Sources of Funds/Summary of Fiscal Impact:

C. Department Fiscal Review: _____

Capital Improvement Program (CIP)
Project Request Form
(For Projects / Items Costing Over $25,000)

(Page 1 of 2)

Project Title:	**Tropical Drive & Barton Road Improvements**				**Category Criteria**	**Improvements**
Responsible Department:	**Public Services**				**Division:**	**Streets Maintenance**
Project Manager:	**Director**				**Project Location:**	**Tropical/Barton**
Project Identification Number:	**PS-STxxxx**				**Programmed:**	**Yes**
Project Type / Duration:	( ) New	( ) Existing	(x) 1-Year	( ) Multi-Yr	**Project Priority:**	**1**

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total Project Estimate
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering								-
Land Acquisition								-
Permits								-
Construction			661,000					661,000
Inspection / Testing								-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous								-
Other / Indirect								-
Total Expenditures	$ -	$ -	$ 661,000	$ -	$ -	$ -	$ -	$ 661,000

Project Description:

This project has been coordinated with the Utilities Department. Upon completion of the water and sewer utility work, Public Services will be milling and overlaying this roadway along with providing new curbs, gutters, and sidewalks.
The City Road Improvement funding for this project is being generated from the reallocated funds from a project scheduled for FY2015 which was “North Lakeside Drive – 16th Ave N to 18th Ave N” and will not be constructed due to poorer than anticipated roadway condition and the need for additional funding to properly construct this project. The budgeted amount for this project was $160,839 and will be reallocated to fund the Tropical Drive and Barton Road Improvements project.

Project Need / Justification / Benefits:

This project has been coordinated with the Utilities Department.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-		-
	-		-
	-		-

Project Title: (Page 2 of 2)	Tropical Drive & Barton Road Improvements

REVENUE / FUNDING SCHEDULE

#1) City Funding:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
General Fund - 001								-
Road Improvement Fund (170)			147,657					147,657
Electric Fund - 401								-
Water Fund - 402								-
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
City Self Insurance Fund -								
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	-	147,657	-	-	-	-	$ 147,657

#2) Grant Funding:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
Federal Grants			513,343					513,343
State Grants								-
County Grants								-
Total Grant Funding:	-	-	513,343	-	-	-	-	$ 513,343

#3) Other Outside Funding:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
Bank Loan / Debt								-
Bond Proceeds								-
Internal Financing								
Insurance Proceeds								-
Total Other Outside Funding:	-	-	-	-	-	-	-	$ -

#4) Revenue Enhancements:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	$ -

Revenue Funding Summary:	Estimated Expenditures PYs 9/30/14	FY2015 Bud	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
City Funding	-	-	147,657	-	-	-	-	147,657
Grant Funding	-	-	513,343	-	-	-	-	513,343
Other Outside Funding	-	-	-	-	-	-	-	-
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	$ -	$ -	$ 661,000	$ -	$ -	$ -	$ -	$ 661,000

This section must be completed for all projects.

Please list future revenues and expenses of each project per year once fully operational.

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	**Expense Totals (B.1 -to- B.8)**			-	$ -

RESOLUTION NO. 20-2015 OF THE CITY OF LAKE WORTH, FLORIDA, AUTHORIZING THE SUBMISSION OF AN APPLICATION TO PALM BEACH COUNTY FOR FISCAL YEAR 2015-2016 COMMUNITY DEVELOPMENT BLOCK GRANT FUNDS FOR IMPROVEMENTS TO TROPICAL DRIVE AND BARTON ROAD; PROVIDING FOR AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

WHEREAS, Palm Beach County, as an eligible Urban County, receives an annual statutory formula allocation of Community Development Block Grant (CDBG) Program funds from the U.S. Department of Housing and Urban Development (HUD); and

WHEREAS, the City participates in the Palm Beach County CDBG Urban County Program by entering into an Interlocal Agreement with Palm Beach County and is thereby eligible for receipt of its portion of the formula allocation of Fiscal Year 2015-2016 CDBG funds in an estimated amount of $257,603; and; and

WHEREAS, the City might be eligible to receive a Fiscal Year 2015-2016 Special Area of Hope allocation in the amount of $315,740; and

WHEREAS the aforementioned funding is subject to availability from HUD and approval by the Board of County Commissioners; and

WHEREAS, Palm Beach County has announced that the City can submit no more than two applications for the aforementioned Fiscal Year 2015-2016 Community Development Block Grant Program funding to be used for two eligible activities under the CDBG Program as set forth at 24 CFR Part 570; and

WHEREAS, public facilities and improvements is an eligible activity under CDBG Program regulations at 24 CFR 570.201(c); and

WHEREAS, the City desires to submit an application to Palm Beach County for Fiscal Year 2015-2016 CDBG funding in the amount of $513,343 for improvements to Tropical Drive and Barton Road.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF LAKE WORTH, FLORIDA, that:

<u>SECTION 1</u>: The City Commission of the City of Lake Worth, Florida, hereby authorizes the submission of an application to Palm Beach for Fiscal Year 2015-2016 CDBG funding in the amount of $513,343 for improvements to Tropical Drive and Barton Road.

SECTION 2: The City Commission of the City of Lake Worth, Florida, hereby authorizes Michael Bornstein, City Manager, to execute the City's application for Fiscal Year 2015-2016 CDBG funding from Palm Beach County.

SECTION 3: Upon execution of the Resolution, one copy shall be provided to the Leisure Services Department Director. The fully executed original shall be maintained by the City Clerk as a public record of the City.

SECTION 4: This Resolution shall become effective in accordance with law.

The passage of this Resolution was moved by Commissioner _____, seconded by Commissioner _____, and upon being put to a vote, the vote was as follows:

Mayor Pam Triolo
Vice Mayor Scott Maxwell
Commissioner Christopher McVoy
Commissioner Andy Amoroso
Commissioner Ryan Maier

Mayor Pam Triolo thereupon declared this Resolution duly passed and adopted on the 5th day of May, 2015.

LAKE WORTH CITY COMMISSION

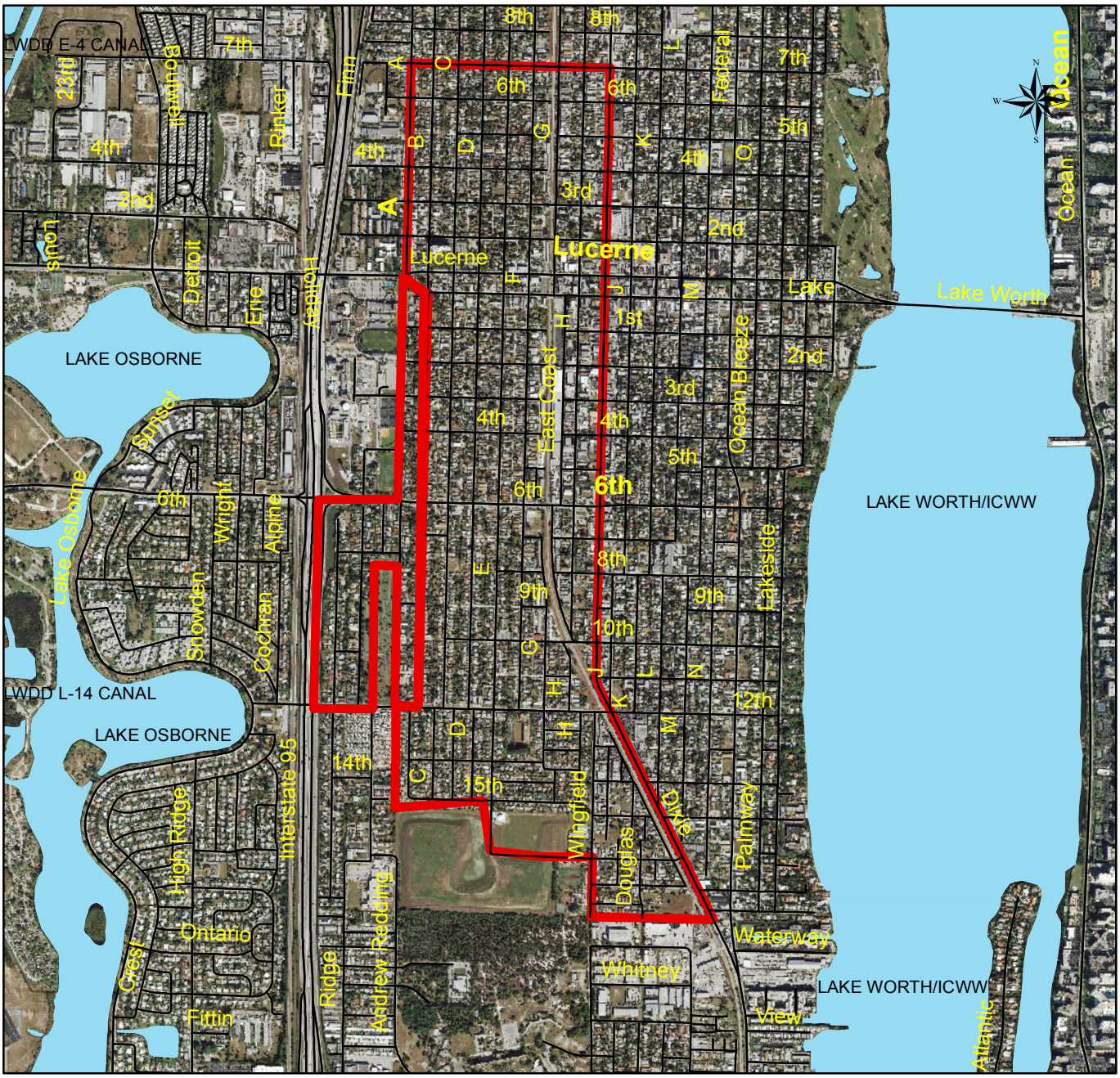
By:_____
Pam Triolo, Mayor

ATTEST:

_____
Pamela J. Lopez, City Clerk

Tropical Dr - Palmetto to S Rd = 3,162lf
Barton Rd - Andrew Redding to 12th Ave S = 1,920lf
Palmetto Ave, Lake Worth, Palm Beach, Florida 33460
Montague St
Lake Geneva Dr
Tropical Dr
Barton Rd
N Ridge Rd
Andrew Redding Rd
S Rd
9
Google earth
Imagery Date: 3/21/2011 26°35'51.38" N 80°04'06.04" W elev 16 ft eye alt 2192 ft

CITY OF LAKE WORTH TARGET AREA



0 0.175 0.35 0.7 1.05 1.4 Miles

CITY OF LAKE WORTH

7 North Dixie Highway · Lake Worth, Florida 33460 · Phone: 561-586-1600· Fax: 561-586-1750

AGENDA DATE: May 5, 2015, Regular Meeting **DEPARTMENT:** Water Utilities

EXECUTIVE BRIEF

TITLE:
Resolution No. 21-2015 - authorize a State Revolving Fund Loan for replacement of 2 inch steel water piping within the City

SUMMARY:
This Resolution authorizes the necessary action required to obtain a $16 million State Revolving Fund loan.

BACKGROUND AND JUSTIFICATION:
The City Water Utility Department has planned the replacement of approximately 17 miles of 2 inch steel water pipes that are corroded and failing within the city water distribution system. This project was included as a high priority in the five year capital improvement plan (CIP) in FY 2015 because of the health and safety risk associated with the heavily corroded piping. The Commission directed staff to fund the capital improvement through water system revenue financing. This may include revenue bonds, bank loans or a drinking water state revolving fund loan (DWSRF). Estimated engineering, construction and financing costs for the six year project are $16.9 million. The estimated SRF Loan amount is $16 million, which will be obtained annually as needed.

Mock, Roos & Associates, Inc. prepared the attached Facilities Plan showing the engineering feasibility of the proposed capital improvements. Burton & Associates, Inc. and staff prepared the attached business plan and financial analysis, showing the impact of a single revenue bond issue vs. annual draws from the DWSRF loan. The DWSRF loan has a lower interest rate, and allows the projected water rate increases to be lower in future years.

The replacement of the 2" steel water lines will be constructed over a six year phased plan. Phasing is prioritized based on pipe breaks and water quality concerns. Replacement of the 2" steel pipes will improve the quantity and quality of potable water to homes throughout the city, reduce broken water pipes, and reduce the amount of water flushing required to maintain water quality in the water distribution system. Design and construction of Year 1 improvements are proceeding with $816,000 in water system funds. The proposed loan is for Years 2-6. A Request for Qualifications (RFQ) will be used to select the design engineer for years 2-6, and construction will be bid competitively.

During the Commission's April 14, 2015, Work Session there was lengthy discussion about the need for this improvement along with funding sources. Staff advised the Commission that a resolution would be presented at this meeting to submit a loan application.

MOTION:
I move to approve/disapprove Resolution No. 21-2015 authorizing a Drinking Water State Revolving Fund loan.

ATTACHMENT(S):
Fiscal Impact Analysis
Business Plan
Request for Inclusion
Financial Feasibility Analysis
Resolution
Capital Improvement Program
Facility Plan, including map of water line replacements
Presentation

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	$816,000	$3,196,000	$3,196,000	$3,196,000	$3,196,000
Operating Expenditures	0	0	0	0	0
External Revenues	0	0	0	0	0
Other Outside Funding/Loan	0	0	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
Net Fiscal Impact	$816,000	$3,196,000	$3,196,000	$3,196,000	$3,196,000

B. Recommended Sources of Funds/Summary of Fiscal Impact:
$816,000 in FY 2015 funds for design and construction are from water system revenue.
FY 2016-2020 funds are from proposed Drinking Water State Revolving Fund Loan, which will be repaid from water revenue funds Acct 402-7034-533.63-60; Water Distribution Capital Expenditures, Mains.

Water Utility	2" Watermain Project (SRF Loan & City Funds)					
Account Number (s)	Account Description	FY 2015 Budget	FY15 Adj Budget	Current Balance	Agenda Expenses	Remaining Balance
402-7034-533-63-60	Watermain (City Fund)	-	1,312,783	1,312,783	(816,000)	496,783
Account Number (s)	Account Description	FY2016	FY2017	FY2018	FY2019	FY2020
402-7034-533-63-60	Funded from SRF Loan	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000

C. Department Fiscal Review:
Larry Johnson
Clyde Johnson
Nerahoo Hemraj

DRINKING WATER STATE REVOLVING FUND BUSINESS PLAN

Sponsor Name:	City of Lake Worth	System Population:	34,910 (2010, US Census)
DWSRF Project #:	2" Water main replacement	PWS ID#:	4500773
Contact Person and Title:	Larry A. Johnson, PE, Director	Telephone:	561-586-1710
Mailing Address:	301 College Street	City: Lake Worth	State: ____ Zip: 33461
Contact for Finance Plan (if different):	Burton & Associates, Inc.	Telephone:	813-443-5138
Mailing Address:	1000 N Ashley Dr. #513	City: Tampa	State: FL 33602
e-mail:	aburnham@burtonandassociates.com	Fax:	

Source Type: ☒ Ground Water ☐ Purchase Water
☐ Surface Water ☐ Surface/Ground Combined

The Drinking Water State Revolving Fund Program (DWSRF), authorized by the 1996 amendments to the Safe Drinking Water Act, provides financial assistance to public water systems (PWS). To obtain this assistance, project sponsors must demonstrate Capacity Development or demonstrate how the assistance will ensure these requirements are met. The term Capacity Development takes into consideration three vital areas of a public water system: Technical, Managerial, and Financial capabilities.

FINANCIAL

A financial capability demonstration (and certification) is required well before the evaluation of the actual loan or grant application. This demonstration is necessary to ensure that the system has the financial capability to repay the loan, if applicable, and to adequately operate and maintain the system. Financial capability also includes funding future capital improvements that may be required. Please see Rule 62-552.700(4) in Chapter 62-552, F.A.C. for further details.

It is expected that the revenues to be dedicated to repaying a loan will be generated either from water and sewer utility operations or from water utility operations alone. If the source of revenues will not be from such enterprises, this set of worksheets alone will not satisfy the Department's needs. (Please contact the Department for further guidance if dedicated revenues will be generated externally to such utilities.)

The following worksheets have been developed to identify the minimum information needed. The completed worksheets should be used in disclosing DWSRF project financing to the public during the required dedicated revenue hearing. The worksheets can serve to identify the impacts of the SRF project on residential users and how the project fits into the project sponsor's overall capital improvement program for the water and sewer utility (or water utility, as appropriate). Supplemental capital financing documentation may be submitted with these worksheets and may be presented at the required dedicated revenue hearing.

The revenues being dedicated to repayment of the DWSRF loan are:	Water Rate Revenues
What is the frequency of water system billing?	Monthly
How often are system rates reviewed for adequacy?	Annually
When was the last time rates were reviewed?	August 2014
What resources and guidance does the water system use for setting water user rates, fees or charges?	3rd Party Rate Consulting Firm, Burton & Associates, Inc.
What is your water system bond rating?	N/A
Is a rate increase necessary as a result of this project?	No
What is the Median Household Income (MHI) for the entire system?	$35,428 (2009 – 2013 American Community Survey 5-Year Estimates)

Which, if any, of the following activities must be undertaken to implement the DWSRF project?

Acquire privately held land?	Yes ☐	No •
Acquire land held by another public water system entity?	Yes ☐	No •
Enter into inter-local or inter-project sponsoring agency's agreements?	Yes ☐	No •
Does the system have an annual budget with a separate reserve account for equipment replacement and/or capital improvement?	Yes •	No ☐

Does the system have a capital improvement plan? How many years does it cover? 10	Yes • No ☐
Does the system have a governing board of directors?	Yes ☐ No •
Does the water system employ the services of a professional engineer?	Yes • No ☐
Are there procedures for billing and collection?	Yes • No ☐
Does the system have audited financial statements?	Yes • No ☐
Are there standard purchasing procedures that provide controls over expenditures?	Yes ☒ No ☐
What year will construction be completed and repayments begin (for the first project)?	2020 for full construction; 2016 repayment
What is the estimated cost of your SRF project?	$16,796,000

Please attach a copy of the user charge ordinance.

Table 1

WATER RATE REVENUE SUMMARY

		LAST YR.	YEAR 1 (Current Year)	YEAR 2	YEAR 3		SRF Project
1.	Number of Residential Units	10,055	10,210	10,369	10,487		10,605
2.	Number of New Residential Service Units	32	155	159	118		118
3.	Annual Residential Water Sales (Gallons)	726,591,800	737,792,370	749,281,986	757,808,872		766,335,757
4.	Avg Daily Residential Usage (Gal/day) (Line 3 divided by line 1 divided by 365)	197.98	197.98	197.98	197.98		197.98
5.	Annual Residential Water Sales ($)	$ 5,608,051	$ 5,960,815	$ 6,308,561	$ 6,619,282		$ 6,913,190
6.	Average Annual Residential Bill (line 5 divided by line 1)	$ 557.74	$ 583.82	$ 608.41	$ 631.19		$ 651.88
7.	Annual Residential Bill Amount Uncollected	$ 56,628	$ 60,455	$ 63,933	$ 67,040		$ 69,979
8.	Total Residential Rates Collected (Line 5 minus line 7)	$ 5,551,423	$ 5,900,360	$ 6,244,628	$ 6,552,242		$ 6,843,211
9.	Impact and Connection Fees per Residential Service Unit	$ 3,416	$ 3,416	$ 3,416	$ 3,416		$ 3,416
10.	Total Residential Impact and Connection Fees (Line 2 times line 9)	$ 109,312	$ 529,480	$ 543,144	$ 403,088		$ 403,088
11.	Number of Commercial & Multi-Family Units	11,310	11,485	11,664	11,796		11,928
12.	Number of New Commercial & Multi-Family Service Units	36	175	179	132		132
13.	Annual Commercial & Multi-Family Water Sales (Gallons)	819,284,200	831,961,011	844,891,359	854,453,296		864,015,243
14.	Annual Commercial & Multi-Family Water Sales ($)	$ 6,308,011	$ 6,705,187	$ 7,096,142	$ 7,445,193		$ 7,775,302
15.	Annual Commercial & Multi-Family Bill Amount Uncollected	$ 63,696	$ 68,005	$ 71,914	$ 75,405		$ 78,706
16.	Total Commercial & Multi-Family Bills Collected (Line 14 minus line 15)	$ 6,244,315	$ 6,637,183	$ 7,024,228	$ 7,369,789		$ 7,696,596
17.	Impact and Connection Fees for Commercial & Multi-Family Service	$ 3,416	$ 3,416	$ 3,416	$ 3,416		$ 3,416
18.	Total Commercial & Multi-Family Impact and Connection Fees (Line 12 times line 17)	$ 121,982	$ 597,800	$ 609,756	$ 450,912		$ 450,912
19.	Bulk Water Sales	$ -	$ -	$ -	$ -		$ -
20.	Total Projected Water Revenue (Line 8+10+16+18+19)	$ 12,027,032	$13,664,823	$ 14,421,756	$ 14,776,031		$15,393,807

* Large meters should be checked annually for accuracy.

Instructions for Completing Table 1

Identify the source of the above information and explain methods used to develop the projections (*Attachment #* _____). Include an explanation of any revenue and expense growth or other adjustments; for example, any rate increases, service growth, inflation adjustments, expense adjustments reflecting the cost of operating additional facilities, or other considerations. In completing this table assume through year 3 that no SRF project is constructed. In the " SRF Project" column enter the numbers that reflect the first year in which the SRF loan will begin repayments. When completing the numbers in this column assume that the SRF project will be financed using 100% loan funding.

Line 1 Include the actual number of customers for last year and year 1 (current year). The numbers in years 2 and 3 should reflect an estimated number of residential customers, adjusted for growth. In the SRF column include the expected number of customers based on constructing your SRF project.

Line 2 This line is a subset of line 1. It should reflect the number of new customers for that year.

Line 3 This line is your total volume (gallons) of water used by your residential customers. Use actual gallons sold for Last Year and do an estimate for the current year based on total to-date. To determine Year 2 and 3 water sales, first calculate the average daily residential usage in gallons per day on line 4. The estimated water sales for Year 2 and 3 can now be determined by multiplying line 4 by line 1.

Line 4 This is the average daily residential usage (gallons per day) by a single residential customer. To get this number divide line 3 by line 1. Use Last Year and Current Year to project usage for Year 2 and 3. Usage should be fairly constant.

Line 5 This is your total residential water sales in dollars. Year 2 and 3 water sales should reflect any increases in rates (i.e. due to inflation). In the SRF column list what the sales would need to be if the SRF project was a 100% loan (to meet all expenses).

Line 6 To obtain the average annual residential bill, divide line 5 by line 1.

Line 7 This is the amount of the uncollected residential bills outstanding for the year.

Line 8 Line 5 minus line 7.

Line 9 This line is the impact and connection fee for new residential service.

Line 10 Multiply line 2 by line 9.

Line 11 Include the actual number of customers for last year and year 1 (current year). The numbers in years 2 and 3 should reflect an estimated number of commercial customers, adjusted for growth. In the SRF column include the expected number of customers based on constructing your SRF project.

Line 12 This line is a subset of line 11. It should reflect the number of new customers that will be charged an impact or connection fee.

Line 13 This line is your total volume (gallons) of water used by your commercial accounts.

Line 14 This is your total commercial water sales in dollars. Year 2 and 3 water sales should reflect any increases in rates (i.e. due to inflation). In the SRF column list what the sales would need to be if the SRF project was a 100% loan (to meet all expenses).

Line 15 This is the amount of the uncollected residential bills outstanding for the year.

Line 16 Total revenue collected for commercial accounts (line 14 minus line 15).

Line 17 This line is the impact and connection fee for new commercial/industrial accounts.

Line 18 Multiply line 12 by line 17.

Line 19 Total revenue for bulk water sales to consecutive systems.

Line 20 Total of line 8+10+16+18+19.

TABLE 2

INCOME, EXPENSES, AND CASH FLOW STATEMENT

	Income, Expense, and Cash Flow Statement	Last Yr.	Year 1	Year 2	Year 3		SRF Project
	OPERATING REVENUES						
1	Water Rates	$ 11,916,062	$ 12,666,003	$13,404,703	$ 14,064,475		$14,688,492
2	Fire Protection	-	-	-	-		-
3	Fees and Services (Service Charges)	116,305	180,000	180,000	180,000		180,000
4	Interest Income	40,199	64,645	75,325	57,810		45,607
5a	Other –	-	-	-	-		-
5b	Other –	-	-	-	-		-
6	**Total (Lines 1 - 5)**	12,072,566	12,910,648	13,660,028	14,302,286		14,914,099
	NON-OPERATING REVENUES						
7	Interest Income (Realized Gains/Losses)	(3,007)	-	-	-		-
8	Interfund Transfer	-	-	-	-		-
9	Proceeds from the Sale of Assets	-	-	-	-		-
10	Leases and Extraction Fees	-	-	-	-		-
11	Construction Grants	-	-	-	-		-
12	Proceeds from Borrowing (SRF Loan)	-	-	3,196,000	3,196,000		3,196,000
13	Equity Contribution (Impact Fees)	231,294	1,127,280	1,152,900	854,000		854,000
14	Other – (Casino Beach Loan Repayment)	-	-	-	-		500,000
15	**Total (Lines 7 - 14)**	228,287	1,127,280	4,348,900	4,050,000		4,550,000
	OPERATING EXPENSES						
	OPERATION AND MAINTENANCE						
16	Salaries (Operators)	1,578,216	1,592,573	1,640,350	1,689,561		1,740,248
17	Benefits	932,869	952,071	1,019,604	1,092,238		1,170,370
18	Utilities	521,725	727,700	727,840	727,984		728,131
19	Chemicals & Treatment	357,612	606,330	636,647	668,479		701,903
20	Monitoring	25,749	34,000	34,850	35,721		36,614
21	Materials, Supplies & Parts	91,902	116,797	119,717	122,710		125,778
22	Transportation	2,881	16,000	16,400	16,810		17,230
23	Purchased Water Costs	165,367	300,000	300,000	300,000		300,000
24	Outside Services –	58,912	20,300	20,808	21,328		21,861

25	Other –	186,430	345,187	353,817	362,662		371,729
26	**Total (Lines 16 – 25)**	3,921,661	4,710,958	4,870,032	5,037,492		5,213,863
	ADMINISTRATIVE						
27	Salaries and Benefits	1,248,196	949,630	982,054	1,015,914		1,051,345
28	Building Overhead	411,427	655,663	672,055	688,856		706,077
29	Office Supplies & Postage	4,659	35,891	36,788	37,708		38,651
30	Insurance	295,171	350,093	358,916	367,963		377,241
31	Customer Billing & Collection	-	-	-	-		-
32	Accounting and Legal	25,339	116,000	118,900	121,873		124,919
33	A/E & Professional Services	268,878	361,645	370,686	379,953		389,452
34	Other -	107,876	498,741	515,385	531,471		547,437
35	**TOTAL (Lines27 – 34)**	2,361,546	2,967,663	3,054,784	3,143,738		3,235,122
36	**Net Operating Income (Line 6 minus 26 minus 35)**	**5,789,359**	**5,232,027**	**5,735,212**	**6,121,055**		**6,465,115**
	NON-OPERATING EXPENSES						
37	Debt-Repayment – Principal and Interest	2,754,869	2,757,458	2,756,341	2,894,826		3,036,896
38	Capital Improvements Acquisition of Plant Equipment	4,505,291	4,045,900	8,384,448	10,622,855		4,989,205
39	Interfund Transfers	-	-	-	-		-
40	To General Fund	1,030,564	962,589	1,027,680	1,086,776		1,139,558
41	To Replacement Fund	-	-	-	-		-
42	To Emergency Fund	-	-	-	-		-
43	Depreciation Expenses (If money is set aside)	-	-	-	-		-
44	Other -	-	-	-	-		-
45	**TOTAL (Lines 37 + 44)**	8,290,724	7,765,948	12,168,469	14,604,457		9,165,659
46	**Net Non-Operating Income (Line 15 minus Line 45)**	**(8,062,437)**	**(6,638,668)**	**(7,819,569)**	**(10,554,457)**		**(4,615,659)**
47	**Net Income Before Taxes (Lines 36 + 46)**	(2,273,078)	(1,406,641)	(2,084,357)	(4,433,402)		1,849,455
	TAXES (N/A for publicly owned systems)	N/A	N/A	N/A	N/A		N/A
48	Income Taxes	N/A	N/A	N/A	N/A		N/A
49	Other Taxes	N/A	N/A	N/A	N/A		N/A
50	**TOTAL (Lines 48 + 49)**	-	-	-	-		-
51	**Net Income After Taxes (Line 47 minus 50)**	**(2,273,078)**	**(1,406,641)**	**(2,084,357)**	**(4,433,402)**		**1,849,455**

Instructions for Completing Table 2

Identify the source of the above information and explain methods used to develop the projections (*Attachment #* _____). Include an explanation of any revenue and expense growth or other adjustments; for example, any rate increases, service growth, inflation adjustments, expense adjustments reflecting the cost of operating additional facilities, or other considerations.

REVENUES- Revenues include all sources of income to the system. They are separated on this form as: "Operating", lines 1-6 and "Non-Operating", lines 7-15. When using the subcategory "other" under any item, please write a descriptive term.

EXPENSES- Expenses include all those activities or purchases which incur cost for the system. Expenses can be estimated in various ways. One method bases the projections on historical expense. This can be accomplished by using historical costs and escalating them from known and projected changes. An example of a known change would be an increase in labor costs for the budget period due to known or anticipated salary increases. An example of a projected increase or escalation in costs would be a 5% annual inflation rate. Materials and Supplies expense, for instance, would be expected to increase with the projected inflation rate. Expenses are separated on this form in the same fashion as Revenues with further subtopics to more clearly define expenses. When using the subcategory "other" under any item please write a descriptive term and cross out the word "other". Expenses are separated on this form as "Operating", lines 16-26, "Administrative", lines 27-35, "Non-Operating", lines 37-45, and "Taxes" lines 48-50.

Lines 1 This line includes all money received for supplying water service. Information should come from completed Attachment 1.

Line 2 If a separate fee is charged for fire protection include on this line.

Line 3 Include all miscellaneous fees and charges generated by providing water service other than for the actual water service (for example, connection fees, bad check fees, reconnect fees, meter testing fees, etc.).

Line 4 Interest earned from cash on hand or on fees financed by the utility.

Line 5 If used, please describe.

Non-operating revenues are funds generated outside the water system and used by the water system to cover expenses.

Lines 7-15 Items should be clear, modify topics if needed.

Lines 16-17 Salaries and Benefits (Operators), include all compensation to employees of your system when the work is related to the system's O&M. This account should not include compensation of officers, directors, or general and administrative staff. Volunteer labor cannot be applied.

Line 18 Utilities, includes the cost of all electric power, gas, telephone, water (at least account for what is being used at the plant), and any other system-related expenses incurred in producing and delivering water.

Line 19 Chemicals and treatment is intended to cover the cost of all chemicals used in the treatment of your water.

Line 20 Monitoring, includes all water monitoring costs incurred by the system. This should include both in-house monitoring and analysis costs as well as outside laboratory costs.

Line 21 Materials, supplies, and parts means all materials and supplies used in the O&M of the water system and in providing and delivering the water to the customer. Include any repairs or parts needed in producing and delivering water. This would include grease, oil, and minor repairs to equipment. This should not include materials for administrative purposes such as postage, copying or copy machine supplies, billing forms, or letterhead.

Line 22 Transportation is intended to include all expenses related to trucks, automobiles, construction equipment, and other vehicle expense used in producing and delivering water to the customer.

Line 23 Include the cost of purchasing water. Use only if a consecutive system.

Administration expenses are considered overhead but not those directly related to O&M of the daily production and delivery of water to the customer. This category includes billing and administrative costs incurred by the system. For example, all meter reading costs, secretarial costs, postage, publications, reference materials, uncollectible debts insurance accounting services, and all other overhead items belong in this subsection.

Lines 27 Salaries and Benefits include all compensation to employees of your system in which the work is related to the administration of the system, such as officers, directors, secretarial, and meter reading salaries and benefits. This account should not include compensation of operators. If an employee performs both operation and meter reading a percentage of their salary should appear under the appropriate topic. For example, if an operator reads meters 25% of the time, ¾ of their salary should be shown on line 16 and ¼ of their salary on line 27.

Line 28 Overhead associated with the building itself such as, mortgage payment, insurance, taxes, maintenance, etc.

Line 29 Office supplies and postage includes all materials and supplies in administration of the water system. This includes office supplies, postage, copier charges, and paper.

Line 30 Insurance (Vehicles, Liability, Workers' Compensation) includes all insurance costs associated with the coverage for the vehicles, general liability, workers' compensation insurance, and other insurance costs related to the operation and administration of the system.

Line 31 Customer billing and collection should include all expenses specific to this function such as, special billing forms or software.

Lines 32 Accounting and legal expenses includes all salaries and wages with legal and accounting functions for the system even if they are outside services.

Line 33 A/E and professional services means all engineering and other professional services expenses associated with water system planning and design requirements.

Line 34 Other means expenses such as employee training and water certification requirements (classes, registration fees, travel, etc.), public relations campaigns and public notifications, etc. Also include any recurring expenses that did not fit into any of the above line items.

Non-operating expenses are ones that are necessary and paid by the water system, but are not part of daily O&M or Administration of the system. Debt Repayment and Capital Improvements are typical items that may appear on this type of analysis.

Lines 37-42 Expenses that are involved in operating or administering the water system that were not considered in the totals appearing on lines 26 and 35 should be shown in these items, modify if necessary.

Line 38 Capital improvements include facility and non-facility costs related to: 1) Meeting growth requirements or improving your system's infrastructure to provide better service and reliability to existing customers, 2) replacing or renovating existing facilities, or 3) to ensure compliance with drinking water regulations.

Line 39-42 Identify any transfer of funds used to offsets other non-water system related capital expenditures. These lines represent some possible categories, modify if needed.

Line 43 Depreciation expense only applies to systems which are currently depreciating investments made in the past (recovery of previously invested funds). Include amounts on this line only if money is actually set aside.

Line 44 Include any recurring non-operating expenses that did not fit into any of the above line items.

Taxes can be incurred in a variety of ways such as a state utility tax, business and occupation tax, property tax or federal income tax. Each of these taxes can be accounted for separately within the operating budget, modify if necessary.

Lines 48-49 Include any incurred taxes.

Table 3

SCHEDULE OF PRIOR, PARITY, AND PROJECTED LIENS

List annual debt service beginning two years before the anticipated loan agreement date and continuing at least fifteen fiscal years. Include all existing and projected liens on the system. Use additional pages as necessary.

Identify Each Obligation		Coverage		Insured?
#1	**Series 2008 Debt Service**	1.20		No
#2	Bank of America Public Capital Series 2013 Loan	1.20		No
#3	SRF Revolving $6.5M Loan	1.15		No
#4	SRF Revolving $450K Loan & 2.549M Principal Forgiven	1.15		No
#5	2" Watermain SRF Loan $16.06 Million	1.15		No

Annual Debt Service (Principal Plus Interest)

Fiscal Year	Series 2008 Debt Service	America Public Capital Series 2013	SRF Revolving $6.5M Loan	Revolving $450K Loan & 2.549M Principal	Watermain SRF Loan $16.796 Million	Total Debt Service	Total Debt Service Incl. Coverage
2013	577,028	950,745	432,766	30,448	-	1,990,987	2.77
2014	-	2,289,484	434,483	30,902	-	2,754,869	2.10
2015	-	2,292,073	434,483	30,902	-	2,757,458	1.90
2016	-	2,290,956	434,483	30,902	-	2,756,341	2.08
2017	-	2,293,700	434,483	30,902	135,740	2,894,826	2.11
2018	-	2,295,171	434,483	30,902	276,340	3,036,896	2.13
2019	-	2,295,369	434,483	30,902	421,895	3,182,649	2.11
2020	-	2,299,294	434,483	30,902	567,450	3,332,130	2.10
2021	-	2,301,812	434,483	30,902	713,005	3,480,203	2.09
2022	-	2,300,423	434,483	30,902	713,005	3,478,814	2.16
2023	-	2,302,694	434,483	30,902	713,005	3,481,085	2.23
2024	-	2,305,991	434,483	30,902	713,005	3,484,382	2.31
2025	-	2,307,747	434,483	30,902	713,005	3,486,138	2.40
2026	-	2,307,962	434,483	30,902	713,005	3,486,353	2.49
2027	-	1,084,136	434,483	30,902	713,005	2,262,527	3.99
2028	-	1,016,532	434,483	30,902	713,005	2,194,923	4.27

SCHEDULE OF PRIOR, PARITY, OR PROJECTED REVENUES AND DEBT COVERAGE FOR RATE-BASED SYSTEM PLEDGED REVENUE

(Provide information beginning with the two fiscal years preceding the anticipated date of the first SRF loan repayment.)

		FY 2014	FY 2015	FY2016	FY 2017	FY 2018
(a)	Net Operating Revenues. (Table 2 line 36)	**5,789,359**	**5,232,027**	**5,735,212**	**6,121,055**	**6,465,115**
(b)	Debt Service (including required coverage) pledged to all prior, parity, or projected projects (last column of Table 3).	2,754,869	2,757,458	2,756,341	2,894,826	3,036,896
(c)	Net Revenue (= a – b)	3,034,490	2,474,569	2,978,870	3,226,229	3,428,218

(d) Attach audited annual financial report(s), or pages thereof, and any other documentation necessary to support the above information. Include any notes or comments from the audit reports regarding compliance with covenants of debt obligations having a prior or parity lien on the revenues pledged for repayment of the SRF loan. (*Attachment #* _____)

(e) Attach worksheets reconciling this page with the appropriate financial statements (for example, backing out depreciation and interest payments from operating expenses). (*Attachment #* _____)

(f) If the net revenues were not sufficient to satisfy the debt service and coverage requirement, please explain what corrective action was taken. (Attachment #_____)

(k) Identify the source of the above information and explain methods used to develop the projections (Attachment # 1). Include an explanation of any revenue and expense growth or other adjustments; for example, any rate increases, service growth, inflation adjustments, expense adjustments reflecting the cost of operating additional facilities, or other considerations.

LIST OF ATTACHMENTS (use additional sheets if necessary)

Attachment	Number
Water System SRF Financial Feasibility Analysis	1
Water Utilities 2” Watermain Facilities Plan	2

TECHNICAL: Accurate answers to the following questions will help identify the technical strengths as well as areas that may need improving within your system. If a question or section does not apply to your system, please write N/A for not applicable. For questions that ask you to rate your system from 1 to 5, answer 1 for worst case scenario and answer 5 for the best case scenario.

- System has current and accurate data showing average and peak gpd used — Yes ☒ No ☐
- System's capacity exceeds peak demand by more than 20% (Percentage - 125%) — Yes ☒ No ☐
- System can meet peak demand without pumping at peak capacity for extended periods. — Yes ☒ No ☐
- System has an emergency plan in place to meet system demand during a shortage (natural disaster or largest pump/well out, etc.) — Yes ☒ No ☐
- System has accurate records indicating types and percentage of customers use: — Yes ☒ No ☐
  Residential 90% Commercial 9% Industrial NA% Dedicated Irrigation Meter 1%
- System has comprehensive water loss program that compares amount of water produced (plant meter) with total delivered through metered and unmetered service connections (system's unaccounted for water is 10%) — Yes ☒ No ☐

Purchase Water Systems **NA** ☒

System has a written agreement with the supplier that:

- ensures adequate supply of water during shortage conditions, — Yes ☐ No ☐
- does not require the purchase of a minimum amount of water (water is supplied through a meter), — Yes ☐ No ☐
- assures supplying water system will remain in compliance with the appropriate State or federal regulations, and — Yes ☐ No ☐
- assures purchasing system will be notified of any water quality issues. — Yes ☐ No ☐

Surface Water Systems and Systems Using Ground Water Under the Influence of Surface Water **NA** ☒

- System has redundancy for all critical treatment components — 1 2 3 4 5
- System monitors raw, settled, and individual filtered water turbidity — 1 2 3 4 5
- System consistently (95% of the time) has a filtered water turbidity of _____%, which is within the current standard of .3 NTU — 1 2 3 4 5
- System has the capability to add coagulant before the filter and disinfect at various points in the treatment process — 1 2 3 4 5
- System is evaluating (or has evaluated) changes necessary to meet the Enhanced Surface Water Treatment Rule — 1 2 3 4 5
  Some needed changes are: _____

  _____
- System is evaluating (or has evaluated) changes needed to meet requirements in the Disinfection By Products Rule — 1 2 3 4 5
  Some planned modifications are: _____

  _____

Ground Water System **NA** ☐

- A minimum of two sources of groundwater are provided — Yes ☒ No ☐
- Source water protection area provides a minimum 500 foot radius around each drinking water well — Yes ☒ No ☐
- Groundwater source capacity equals or exceeds the design maximum day demand and equals or exceeds the design average day demand with the largest producing well out of service — Yes ☒ No ☐

- System monitors raw water quality to determine appropriate treatment 1 2 3 4 5
- System's well(s) have; air/vacuum relief valve, check valve, blow-off, by-pass, meter, working sanitary seal, construction/maintenance records and are properly vented 1 2 3 4 5
- System routinely monitors drawdown 1 2 3 4 5

Disinfection

- System has adequate contact time of 214 minutes following disinfection and before the first user in the distribution system Yes ☒ No ☐
- Disinfection equipment is regularly inspected and maintained Yes ☒ No ☐
- A chlorine residual is maintained throughout the distribution system 1 2 3 4 5

Distribution System

- System has accurate information, including age, for pipe materials that currently make up the distribution system 1 2 3 4 5
- Water mains providing fire protection are a minimum of 6-inches in diameter Yes ☐ No ☒
- System is free of severe "water hammer" problems 1 2 3 4 5
- System tracks ranges of operating pressure, especially during peak demand 1 2 3 4 5
- System maintains a minimum operating pressure of 20 psi Yes ☒ No ☐
- Normal operating pressure is kept between 40 and 100 psi 1 2 3 4 5
- System has a routine leak detection program that uses (type of equipment)NA, repairs identified leaks quickly, and keeps water loss in the distribution system below 10%. Average number of leak repairs per year is 70 1 2 3 4 5
- System has a cross connection control program in place that addresses: evaluation of each service connection, installation of specified backflow preventer, training, record keeping, annual testing, and education 1 2 3 4 5
- System is working to eliminate dead ends in the mains 1 2 3 4 5
- System has a flushing program that operates 3 times a year 1 2 3 4 5
- System has a map showing the bacteriological, lead and copper, and TTHM (if applicable) sampling points 1 2 3 4 5
- System has accurate "as-built" maps of the distribution system posted that show: location of sources (or intakes), size of mains, dead end mains, valves, curb stops on service lines, and proximity of mains to other utilities (gas, electric, etc.) 1 2 3 4 5
- System has a routine valve exercise program 1 2 3 4 5
- All customers are metered and all meters are routinely calibrated 1 2 3 4 5
- Customer complaints are relatively infrequent 1 2 3 4 5
  List number of complaints in the past year: 13.

Pumping

- System has a pump maintenance program that includes annual inspection, scheduling of repair, and routine maintenance that is conducted by a qualified contractor 1 2 3 4 5
- System has standby or emergency power equipment that is routinely tested under load and can provide 100% of the average daily demand for 7 days 1 2 3 4 5

Storage

- System is able to meet peak demand without the high service pumps running at peak capacity for extended period 1 2 3 4 5
- System has adequate reserve capacity for fire protection. 1 2 3 4 5
  Total storage capacity of the system is 4 million gals
- System's 3 storage tanks receive routine inspection (every 3-5 years) to

determine and schedule any needed maintenance	1 2 3 4 5
• All storage tanks are equipped with an altitude valve to prevent overflowing and are sized appropriately to ensure adequate turnover and no loss of water quality	1 2 3 4 5
• Storage tanks are covered and the surrounding areas are fenced	1 2 3 4 5
• Storage tanks have a drain valve and an entry hatch to allow access for cleaning and painting of the interior of the tank	1 2 3 4 5

MANAGERIAL: Answering the next set of question will help the system clearly define responsible parties, staffing needs, operational needs, policies, and internal standard that guide system performance. For questions that ask you to rate your system from 1 to 5, answer 1 for worst case scenario and answer 5 for the best case scenario.

- System has a current organizational chart and accompanying position descriptions that clearly define responsibilities of staff members 1 2 3 4 5
- The plant is a category A plant operating 24 hours per day.

List names, class, and license numbers for all operators fulfilling staffing requirements:
Timothy Sloan, A, 0012928; Melvin Pinckney, A, 0006639; Gary Baker, A, 0012318; Richard Collier, A, 20150; Jeremy Day, A, 0008501; Virgil Proctor, A, 0003972; John Fawcett, A, 20151; and Jonathon Brown, C, 0013751

- System is satisfied with service provided by contract operator(s) NA 1 2 3 4 5
- The operator's authority and responsibilities are clearly defined 1 2 3 4 5

Policies and Plans: Please indicate with a check mark the items for which the water system has written policies or plans.

☒ standard specifications	☒ connection policies	☒ main extension policies
☒ bacteriological sampling plan	☒ emergency operation plan	☒ Lead & Copper sample plan
☒ cross connection control plan	☒ record management plan	☒ TTHM
☒ general rules	☒ disconnection policy	☒ public education & outreach
☒ disaster response plan	☒ personnel policy	☒ Safety/Risk Management Policy

- Based on the answers above the system has: clear organizational structure, defined staffing requirements, and appropriate rules/policies 1 2 3 4 5

Operations and Maintenance: The items that follow are elements that may be contained in a thorough Operations and Maintenance (O&M) manual. A complete O&M manual is useful as a quick reference for anything from trouble shooting to emergency procedures. Please indicate with a check mark those items contained in the system's O&M manual.

Introduction and Overview

☒ System name	☒ System ID#	☒ location
☒ design flow capacity	☒ type of treatment	☒ water source
☐ available training	☐ publications available	

☒ Statement of the purpose of the manual and relay to the operator how to best obtain pertinent information

☒ organizational chart (note which activities require qualified and licensed/certified personnel)

General System Description

☒ a flow schematic (source to distribution)

☒ pumping capabilities (source, chemicals, and high service)

☒ storage (raw, finished water, and chemicals)

☒ system map showing location of all wells, intake structures, pumping stations, storage tanks, and the defined service area

System Operation and Control

- ☒ identification of major system components including a description of the normal operation of each component
- ☒ possible alternative operation modes and circumstances under which they would be used
- ☒ schematic diagrams of each treatment process
- ☐ preventative maintenance program (include inspections performed when the facility is off-line)
- ☐ common operating problems with methods of bypassing while being repaired
- ☐ importance of and how to use laboratory tests for process control
- ☒ routine system operation for each major system component this should include startup and shutdown procedures, safety procedures, and meter reading
- ☒ evaluation of overall system performance

Laboratory Testing

- ☒ identification of samples and tests needed for compliance as well as for process control.
- ☒ sampling locations, time, and methods
- ☒ how to interpret laboratory results and the use of these results to improve the process
- ☐ what should be in laboratory supply and chemicals inventory
- ☒ list of laboratory references;
- ☒ instructions for filling out worksheets for a sample (include completed example)
- ☒ for tests to be performed by outside laboratories, the name of the laboratory, contact person, telephone number, and method of requesting sample pick-up or schedule for sample pick-up

Records and Reports Section

- ☐ a general explanation of the purpose and importance of accurate records and reports
- ☒ a log of complaints and responses
- ☒ daily logs, maintenance records, laboratory records, monthly reports, monitoring reports, sanitary surveys, annual reports, operating cost reports, and accident reports.
- ☒ historical records (permits, standards, pumping capacity, consumption, and drawdown)
- ☐ list of equipment warranties and provisions
- ☒ specific area for filing records
- ☐ procedures for reporting to appropriate agencies (specify how long records should be kept)

Maintenance

- ☐ general information including purpose and value of scheduled and preventative maintenance
- ☒ preventative maintenance schedule and sample worksheets with instructions
- ☒ specifications for fuels, lubricants, filters, etc. for equipment
- ☒ troubleshooting charts or guides which reference pages in manufacturers' O&M manual or system's O&M manual as appropriate
- ☐ a record of data plate information on each piece of equipment maintained, this should include manufacturers' maintenance schedule for routine adjustments
- ☐ a work order system for maintenance of equipment with sample forms to accurately track O&M costs for each piece of equipment
- ☐ brief operation instructions for each piece of equipment with reference to the manufacturers' technical specifications for major system components
- ☐ a mechanism for storage and check out of specialized equipment used infrequently
- ☒ list of outside contract maintenance tasks
- ☒ contact person and phone numbers for equipment manufacturers, major suppliers, and all utilities serving the system
- ☐ list of special tools used and how to replace
- ☒ stocks of spare parts, supplies, chemicals and other items vital to system operation
- ☐ a system of requisitions and/or work orders used to distribute parts, supplies, chemicals, etc. for reorder purposes

Emergency Response Program

- ☒ pre-response activity such as; personnel assignments, emergency equipment inventory, filling a storage tank before a storm hits, copies of all emergency numbers. Laminated copy of phone numbers to keep readily accessible should include water system personnel responsible for making decisions in specific situations; including name, job title, home and work phone number (pager/cell phone number if available), police, fire departments, and for chemical spills or exposure CHEMTECH 800-424-9300.
- ☒ safety procedures for all personnel involved in the response
- ☒ a contingency plan to ensure proper treatment of water even in adverse conditions which may include agreements with nearby water systems for equipment or personnel
- ☒ procedures for putting standby and emergency sources into active service
- ☒ procedures for notifying customers, the local health jurisdiction, and EPA of water quality problems
- ☐ systematic procedure for returning to normal operation

Appendix

The appendix can contain documents and other information that cannot be easily incorporated into the body of the manual. Large documents such as copies of plans and specifications may be stored separately from the main manual. The following list has examples of items that might be included in appendices. Please check all that apply to your O&M Manual.

☐ Detailed design criteria	☐ User Charge System	☐ Approved shop drawings
☐ Schematics	☐ Piping color codes	☐ Valve indices or schedule
☐ As-built drawings	☐ Drinking water rules/Ordinance	☐ Manufacturers' manuals

- Based on the answers above please rate the system's current O&M Manual. 1 2 3 4 5

The last set of questions is designed to help you evaluate the systems' source(s). Please read the item then circle the number from 1 (needs improving) to 5 (top notch) that you feel best describes your systems' current status relative to that item or check boxes as appropriate.

- System has an active Source Water Assessment Program 1 2 3 4 5

For Ground Water Systems:

- System has accurate historical information (like well driller's log and construction records) for each well 1 2 3 4 5
- Well(s) have the "zone of contribution" identified on a map 1 2 3 4 5
- No storage of potential contaminants in close proximity of well(s) 1 2 3 4 5
- Well(s) are housed and fenced and have an appropriate concrete pad 1 2 3 4 5
- Well casing(s) extend at least 12" above floor or ground 1 2 3 4 5

Name of aquifer is known: ☒ Yes ☐ No

Aquifer is: Biscayne and Floridan ☒ Confined ☐ Unconfined

For Surface Water Systems:

- Commercial, industrial, or agricultural operations up stream are identified 1 2 3 4 5
- System has provided a contact to these facilities in case of an accidental release 1 2 3 4 5
- System performs up stream monitoring 1 2 3 4 5
- System has a raw water reservoir of _____ gallons that acts as a buffer 1 2 3 4 5

Overall:

- System has adequate knowledge and program activity to protect and ensure an adequate supply of drinking water 10 years into the future 1 2 3 4 5

CERTIFICATION: I, the undersigned authorized representative of the applicant, hereby certify that all information contained in this form and attachments is true, correct, and complete to the best of my knowledge and belief. I also certify that I have been duly authorized to file the business plan and to provide these assurances.

Signature Of Authorized Representative _____

Name (Please Print) _____

Title _____

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

Florida Department of Environmental Protection
Bureau of Water Facilities Funding

Twin Towers Office Bldg. 2600 Blair Stone Road, MS #3505 Tallahassee, Florida 32399-2400
Telephone: (850) 488-8163 FAX (850) 921-2769

Request for Inclusion on the Priority List for Drinking Water Facilities

Project Number DW _____ (Filled in by DEP)

1. Type of Assistance for which this Request is Submitted:

   Pre-construction Loan ☒ Construction Loan ☒ Pre-construction Grant ☐ Construction Grant ☐

2. Eligibility for a Loan: The federal Safe Drinking Water Act Amendments of 1996 authorize funding of community water systems (both privately and publicly owned) non-profit non-community water systems, and non-profit non-transient non-community systems. The 1997 Amendments to 403.8532, Florida Statutes, also authorize funding of these public water systems. Both funding authorizations have specific requirements to be implemented under Chapter 62-552, F.A.C. In order to be considered for a priority listing, the following conditions must be met:

   a. A respondent to this solicitation must qualify under the definition of "project sponsor" contained in Rule 62-552.200(28), F.A.C.;

   b. A project sponsored by a for-profit private owner or investor-owned entity that regularly serves at least 1,500 service connections within the certified or franchised area, any part of which would be served by the proposed project, must be the result of the consolidation of two or more public water systems;

   c. A potential loan must be for a "rate-based public water system" as defined in Rule 62-552.200(30), F.A.C.;

   d. The post-allowance project costs must be at least $75,000;

   e. A project sponsor must qualify as a financially disadvantaged community under Rule 62-552.200(14)., F.A.C., to qualify for a pre-construction grant (note the additional limitation under Item g. below) or a construction grant;

   f. The public water system for which grant funding is sought must meet the definition of a community water system;

   g. A project sponsor must qualify as a small community under Rule 62-552.200(35), F.A.C., to qualify for a pre-construction loan or a pre-construction grant;

   h. Pre-construction loans shall not be available as the non-grant share for pre-construction grants; and

   i. A Request for Inclusion on the Priority List for Drinking Water Facilities must be submitted for a project to be initially listed on the priority list and that form must be updated and resubmitted to justify the reassignment of a previously listed planning portion project to the contingency or fundable portion of the priority list.

3. Applicant Information:

   Project Sponsor City of Lake Worth, Florida

   Mailing Address 301 College Street, Lake Worth, Fl. 33461

   E-mail Address ljohnson@lakeworth.org

Request for Inclusion on the Priority List for Drinking Water Facilities

Street Address (if different than mailing Address) _____

_____

(city) (county) (zip code)

Is the project sponsor's public water system a non-profit water system as defined in Rule 62-552.200(20), F.A.C.?

No ☐ Yes ☒ If "Yes," attach evidence of non-profit Florida corporation status and describe the purpose or

function of the corporation. (*Attachment #* _____)

Contact Person Larry Johnson

Mailing Address 301 College Street, Lake Worth, Fl. 33461

_____

Telephone 561-586-1710 FAX _____

4. Name and Address of Applicant's Consulting Engineer:

Firm Mock, Roos & Associates, Inc.

Mailing Address 5720 Corporate Way, West Palm Beach, Fl. 33407-2066

_____

Contact Person John Leemon

Telephone 561-683-3113 FAX _____

5. Project Description (Please Attach):

a. Construction Projects (Post-allowance Project Activities) - A project may include drinking water supply, storage, transmission, treatment, disinfection, distribution, residuals management, and appurtenant facilities. Provide specific information for all proposed facilities. To be eligible for listing on the fundable part of the list, the project components must be specifically identified in a completed water facilities plan. If the planning has been completed for this project, note the document title and date, reference the page numbers on which proposed facilities are described, and the date on which the notice of availability for the environmental information document was published in the Florida Administrative Weekly [see Rule 62-552.700(3), F.A.C.]. There are special priority requirements under Rule 62-552.370(1), F.A.C., that must be met for a financially disadvantaged community grant project to qualify for listing on the fundable portion of the priority list.

b. Pre-construction Projects - A project includes the planning, design, and administrative activities necessary to qualify for funding of a construction project. To be eligible for listing on the priority list, a project sponsor must qualify as a small community and, for a grant, a project sponsor must qualify as a financially disadvantaged community. There are special priority requirements under Rules 62-552.350 and 62-552.360, F.A.C., that must be met to qualify for listing on the fundable portion of the priority list.

Request for Inclusion on the Priority List for Drinking Water Facilities

6. Baseline Priority Category:

Category scores for public health and compliance may be justified by sampling documentation demonstrating that, at some time in the 48-month period immediately preceding the submittal of this form, a problem involving a drinking water quality standard has been detected. The items requiring sampling documentation are indicated with an asterisk (*) below. In addition, category scores may be assigned as a result of the nature of a project. (See Rule 62-552.650, F.A.C., for a more complete description of the prioritization criteria.) Note that the State Health Officer's Certification under Tier II or Tier IV should not be pursued before first discussing the situation with Bureau of Water Facilities Funding personnel. Check the boxes for which documentation is being attached and for which the problem has not been eliminated:

Tier I - Acute Public Health Risk (800 Priority Points)

*	E-Coli or Fecal Coliform MCL Exceedance [See Rule 62-550.310(3)(b), F.A.C.].....	☒ No	☐ Yes
*	Nitrate, Nitrite, or Total Nitrogen MCL Exceedance [See Rule 62-550.310(1), F.A.C.].....	☒ No	☐ Yes
*	Lead or Copper Action Level Exceedance (See Rule 62-550.800, F.A.C.).....	☒ No	☐ Yes
⇒	Required Treatment or Disinfection to Comply with Surface Water Treatment Rule..... (See Rules 62-550.560 and 62-555.600 through 62-555.630, F.A.C.)	☒ No	☐ Yes

Tier II - Potential Acute Public Health Risk (700 Priority Points)

*	Nitrate, Nitrite, or Total Nitrogen Exceedance of 50% of MCL..... [See Rules 62-550.310(1), F.A.C.]	☒ No	☐ Yes
*	Total Coliform MCL Exceedance [See Rule 62-550.310(3)(a), F.A.C.].....	☒ No	☐ Yes
⇒	Treatment or Disinfection to Enhance Compliance with Surface Water Treatment Rule.. [See Rules 62-550.560 and 62-555.600 through 62-555.630, F.A.C.]	☒ No	☐ Yes
⇒	State Health Officer's Certification of Acute Public Health Risk for Unregulated..... Microbiological Contaminants [See Rule 62-552.650(4)(b)5., F.A.C. and Page 11 of this Form]	☒ No	☐ Yes
⇒	Disinfection Requirements Violations [See Rule 62-555.320(4), F.A.C.].....	☐ No	☒ Yes

Tier III - Chronic Public Health Risk (600 Priority Points)

*	Primary Contaminant (Except Nitrate, Nitrite, and Total Nitrogen)..... MCL Exceedance (See Tables 1, 2, and 3 of Chapter 62-550, F.A.C.)	☒ No	☐ Yes
*	Trihalomethane MCL Exceedance [See Rule 62-550.310(2)(a), F.A.C.].....	☒ No	☐ Yes
*	Radionuclide MCL Exceedance [See Rule 62-550.310(4), F.A.C.].....	☒ No	☐ Yes

Tier IV - Potential Chronic Public Health Risk (500 Priority Points)

*	Primary Contaminant (Except Nitrate, Nitrite, and Total Nitrogen) Exceedance..... of 50% of MCL (See Tables 1, 2, and 3 of Chapter 62-550, F.A.C.)	☒ No	☐ Yes
*	Trihalomethane Exceedance of 80% of MCL [See Rule 62-550.310(2)(a), F.A.C.].....	☒ No	☐ Yes
⇒	State Health Officer's Certification of Chronic Public Health Risk for Unregulated..... Chemical Contaminants [See Rule 62-552.650(4)(d)3., F.A.C., and Page 11 of this Form]	☒ No	☐ Yes

Tier V - Compliance (300 Priority Points)

*	Secondary Contaminant Standards Violation (See Table 4 of Chapter 62-550, F.A.C.)...	☒ No	☐ Yes
⇒	Minimum Required Number of Wells [See Rule 62-555.315(1), F.A.C.].....	☒ No	☐ Yes
⇒	Treatment, Storage, Power, and Distribution Requirements..... [See Rule 62-555.320, F.A.C.]	☐ No	☒ Yes
⇒	Well Set-back and Construction Requirements ..... (See Rules 62-555.312 and 62-555.315, F.A.C.)	☒ No	☐ Yes
⇒	Cross-connection and Backflow Control Requirements..... [See Rule 62-555.360, F.A.C.]	☒ No	☐ Yes

Tier VI - Other Projects (100 Priority Points)

⇒	Water Softening Treatment.....	☒ No	☐ Yes
⇒	Computer or Laboratory Facilities.....	☒ No	☐ Yes
⇒	Any Other.....	☒ No	☐ Yes

7. Financially Disadvantaged Community Grants: Only a financially disadvantaged community can qualify for a pre-construction grant or a construction grant. Any grant must be for the improvement of a community water system. A financially disadvantaged community cannot be a sub-unit of a larger community such as a city, county, district, or utility franchise area unless that larger community also qualifies as a financially disadvantaged community. Information about median household income is required and may not be the same as reported under Item 11 dealing with priority to be assigned for affordability within the project service area. If the project sponsor seeks to obtain a grant, the following questions must be answered:

   a. For a pre-construction or construction grant, provide the following income information:

      i. The median household income for the entire financially disadvantaged community is $ 35,428.

      ii. Is the median household income reported based on the most recently available decennial census data? ☐ No ☒ Yes

      If "No," attach an explanation as to how the data has been established.

   b. For a construction grant, provide the following information to qualify for a listing on the fundable or contingency portion of the priority list:

      i. Reference the location in the water facilities plan where the debt service component of the average annual residential drinking water user charge (or the equivalent thereof), in the absence of grant assistance, is documented See Business Plan

      ii. What is the debt service component of the average annual residential drinking water user charge (or the equivalent thereof) for the financially disadvantaged community in the absence of grant assistance?

      See Business Plan

      iii. Reference the location in the water facilities plan where it is documented that the benefits of the grant will exclusively accrue to the financially disadvantaged community. See Business Plan

Request for Inclusion on the Priority List for Drinking Water Facilities

8. Estimated Project Cost (Grant or Loan Assistance) Based on Water Facilities Plan Data if Available:

Post-allowance Project Activities		**Cost ($1,000's)**
a.	Construction, demolition and related procurement	$ 12,500
b.	Contingency (10% of construction and land)	$ 1,100
c.	Technical services after bid opening	$ 0
d	Other (explain) - note that the eligible costs of capacity purchase and acquiring land and existing facilities are excluded from Subitem e below in establishing allowances.	$ 0
e.	Sum of Items a. through d. (adjusted post-allowance project costs)	$ 13,600
f.	Administrative allowance [see Rule 62-552.420(1), F.A.C.]	$ 0
g.	Engineering allowance [see Rule 62-552.420(2), F.A.C.]	$ 816
h.	Sum of Items e. through g.	$ 14,416
i.	Loan repayment reserve **for loan projects only** (ordinarily 3% of Item h.)	$
j.	Total post-allowance project cost (sum of Items h. And i.) **for loan projects only**	$ 14,848

Pre-construction Activities		**Cost ($1,000's)**
k.	Administrative allowance [see Rule 62-552.420(1), F.A.C.]	$ 0
l.	Engineering allowance [see Rule 62-552.420(2), F.A.C.]	$ 816
m.	Planning allowance [see Rule 62-552.420(3), F.A.C.]	$ 0
n.	Total for allowances (sum of Items k. through m.) to be identified on priority list for a pre-construction grant	$ 816
o.	Loan repayment reserve **for loan projects only** (ordinarily 3% of Item n.)	$
p.	Total pre-construction loan cost (sum of Items n. and o.), excluding capitalized interest	$ 816

9. Loan Service Fee: A loan service fee is assessed on each loan. (There is no grant service fee to be paid by the grantee.) The fee is not part of the loan. It may be paid at the time of loan agreement execution or it may be paid along with capitalized interest thereon no later than by the time that the second semiannual loan repayment is due. The fee percentage is established each fiscal year in accordance with Rule 62-552.400(1), F.A.C. The authorized fee minimum is 2% and maximum is 4% of Subitem 8.h or 8.n above. Please check with Bureau of Water Facilities Funding personnel to establish the current year's loan service fee percentage and to obtain more information on how the fee may be paid.

   The estimated amount of the loan service fee is…… $314

10. Estimated Project Costs: Identify project components (comprising Item 8.e above) for which a distinct baseline priority Tier (from Item 6 above) may be assigned (non-construction costs, such as for engineering should be prorated). This information shall be used to establish the project's overall baseline priority score under Rule 62-552.650(2), F.A.C.

Request for Inclusion on the Priority List for Drinking Water Facilities

Facilities Category	Cost ($1000's)
Tier I - Acute Public Health (800 Priority Points)	$
Tier II - Potential Acute Public Health (700 Priority Points)	$ 6,800
Tier III - Chronic Public Health (600 Priority Points)	$
Tier IV - Potential Chronic Public Health (500 Priority Points)	$
Tier V - Compliance with the Safe Drinking Water Act (300 Priority Points)	$ 6,800
Tier VI - Other (100 Priority Points)	$ 13,600
TOTAL (must match Item 8.e)	$ 13,600

11. Affordability Score: The priority points assigned as a result of project affordability depend on the characteristics of the community to be served by the project. Accordingly, provide a sketch or map showing the boundaries of the planning area evaluated by the project sponsor, the service area for the proposed project, the total area throughout which the project sponsor has responsibility for serving the public with drinking water, and the census tracts encompassing the project service area.

    a. The median household income for the proposed project service area is $ 35,428

    Is the median household income reported based on the most recently available decennial census data? ☐ No ☒ Yes

    If "No," attach an explanation as to how the data has been established.

    b. The population of the proposed project service area is 34,910

    Is the population reported based on the most recently available decennial census data? ☐ No ☒ Yes

    If "No," attach an explanation as to how the data has been established.

    c. The number of public water systems serving 500 or fewer persons and that are being consolidated or regionalized by the proposed project is NA

12. Project Priority Score:

    a. Baseline Priority Score:

    i. Construction Loans: Establish the highest baseline priority score for that part of the project that represents at least 50% of the costs. The baseline priority scores are identified as 800 points for Tier I; 700 points for Tier II; 600 points for Tier III, 500 points for Tier IV; 300 points for Tier V; and 100 points for Tier VI. Item 6 of this form associates the Tier designations with the characteristics of various facility needs comprising the project. Item 10 identifies the costs by Tier designation. Note that costs for facilities with a higher priority Tier designation may be included with those having a lower priority score designation ***at the lower priority score designation*** for purposes of generating at least 50% of the project costs. (For example when a project includes Tier II facilities representing 20% of the project cost, Tier IV facilities representing 35% of the project cost, and Tier VI facilities representing 45% of the project costs, the highest justified baseline priority score is 500 points since the combination of Tier II and Tier IV costs is necessary to generate at least 50% of the total costs. Alternatively, the project could be subdivided into two or three smaller projects, each with its own characteristic baseline priority score.)

    The baseline priority score is 700 points.

ii. Construction Grants: Establish the baseline priority score for each project component qualifying under Tier I through Tier V as having a public health risk or compliance priority regardless of cost.

Component	Baseline Priority Score
Distribution piping	700

iii. Pre-construction Loans or Pre-construction Grants: Identify a project component that qualifies under Tier I through Tier IV as having a public health risk priority.

Component Water Distribution piping Baseline Priority Score 700

b. Establish the affordability score for the entire project service area. The affordability score will be the sum of the median household income (MHI) points plus the population (P) points plus the consolidation number (N) points.

i. The MHI for the entire project service area from Item 11.a. is $_____ per year. The MHI fraction is the service area MHI divided by the statewide average. (The 1990 census determined the statewide average to be $27,483. Use more recent decennical census data if available.) The MHI fraction is rounded to the nearest 0.01.

The MHI score is 200 times the quantity (1.00 minus MHI fraction) or _____ points. Note that the maximum score is 100.0 and scores are to be rounded to the nearest 0.1.

ii. The population for the project service area from Item 11.b. is _____.

The population score is 50.0 minus the quantity (P divided by 1,000) or _____ points. Note that the minimum population score is zero and scores are rounded to the nearest 0.1.

iii. The number of very small public water systems, serving 500 or less persons, being eliminated through consolidation or regionalization by the project from Item 11.c. is _____.
The consolidation score is 15 times N for the project or _____ points. Note that the maximum number of consolidation points is 45.

iv. The sum of the affordability subcategory scores (12.b.i. + 12b.ii. + 12.b.iii.) is _____ points.

c. Total Priority Scores:

i. For construction loans, pre-construction loans, and pre-construction grants, the total priority score is the baseline score (12.a.) plus the affordability score (12.b.iv.) is _____ points.

ii. For construction grants, identify the total of the baseline score plus the affordability score for each project component (12.a.ii).

Component	Total Priority Score

Request for Inclusion on the Priority List for Drinking Water Facilities

13. Small Community Designation: The small community set-aside can be used to fund qualifying projects under Rule 62-552.500(1), F.A.C. Does the project sponsor request consideration for funding from the set-aside?..... ☒ No ☐ Yes

If "YES", provide the following information:

a. Does the project involve consolidation or regionalization?..... ☐ No ☐ Yes

b. Is the total population 10,000 or less?..... ☐ No ☐ Yes

- Is the population based on the most recently available decennial census data?..... ☐ No ☐ Yes
- If "No", is an explanation attached as to how the data have been established?..... ☐ No ☐ Yes

c. Is the project sponsor a for-profit private owner or an investor-owned entity that regularly serves less than 1,500 connections within the franchise area any part of which would be served by the proposed project?..... ☒ No ☐ Yes

d. Provide the following information for projects to be completely funded with a loan:

i. Is the project sponsor a county or an agency thereof?..... ☒ No ☐ Yes

ii. Is the project sponsor a municipality?..... ☐ No ☒ Yes

If "Yes" and the project is to be funded with a construction loan, provide the following information:

- What percentage of the existing population to be served by the project resides within the project sponsor's corporate limits 100%?
- What percentage of the design year population growth to be served by the project would reside within the project sponsor's corporate limits 100%?

---

14. Project Schedule:

- Is this information being submitted in support of a request for the Department to ***Include*** a project on the initial priority list yet to be adopted for the upcoming fiscal year?

  ☒ No ☐ Yes

  If ***Yes***, note that there is a March 31 (of the fiscal year for which the project list is being developed) target date deadline. A complete financial assistance application is to be submitted no later than 45 days prior to the target date.

- Is this information being submitted in support of a request for the Department to ***Add*** a project to the priority list after its initial adoption?

  ☐ No ☒ Yes

  (Note that the addition of projects to be funded with a pre-construction loan or a pre-construction grant or a construction grant is subject to the availability of limited set-asides.

  If ***Yes***, note that a compete financial assistance application is to be submitted no later than the date listed below corresponding to the three-month period in which notification is given that the project has been added to the list. The corresponding target date deadlines also are listed below ***for project list additions***.

Request for Inclusion on the Priority List for Drinking Water Facilities

Notification Period	Application Deadline	Target Date Deadline
January 1 to March 31	May 15	June 30
April 1 to June 30	August 15	September 30
July 1 to September 30	November 15	December 31
October 1 to December 31	February 15	March 31

Provide the actual or anticipated dates for the following activities:

- Completion of the water facilities plan as defined under Rule 62-552.200(37), F.A.C. 04/30/2015
- Completion of project plans and specifications in conformance with the water facilities plan and Rule 62-552.700, F.A.C. 12/30/2015–12/30/2019
- Obtain the Department's intent to issue a permit or other authorization (if required) for project construction 3/30/2016–3/30/2020
- Obtain all required project sites NA
- Complete financial assistance application submittal date 6/30/2015
- Target date (anticipated effective date of financial assistance agreement) 9/30/2015
- Start construction 4/15/2016
- Complete construction 12/30/2020

APPLICATION SUBMITTAL AND TARGET DATE CONSIDERATIONS:

In situations described in Rule 62-552.680, F.A.C., and Rule 62-552.430(3), F.A.C., late submittals of applications will have adverse consequences. ***The certification required, under Item 15 below, from the Authorized Representative as part of this form extends to the project sponsor's commitment to meet the submittal requirements for the completed financial assistance application and to meet the target date requirements for executing an assistance agreement.***

Note the following activities associated with completing any application:

a. Adopt governing body resolution, or equivalent, authorizing the application and designating an Authorized Representative.

b. Submit EPA Compliance Report (relating to service area demographics) to the Department.

c. Establish project, including disbursement, schedule.

Note the following activities associated with completing a loan application:

a. Adopt governing body resolution, or equivalent, establishing pledged revenues.

b. Establish a loan repayment schedule.

c. Obtain financial information for each source of pledged revenue as follows: Actual revenues and expenditures for the last two fiscal years, and forecast revenues and debt coverage demonstrating the availability of pledged revenues for loan repayment (and explain the basis of the forecast).

d. Obtain a legal opinion addressing the availability of pledged revenues for loan repayment, the right to increase rates at which revenues can be collected to repay the loan, and the subordination of the pledge if pledged revenues are subject to a prior or parity lien.

e. Obtain information concerning liens on the pledged revenues which will have prior or parity status. Information is to be provided for each of the last two fiscal years and estimated throughout the loan repayment period. Describe each obligation, the amount, and repayment terms. Provide resolutions or ordinances recognizing the seniority or parity of unissued debt.

15. Certification by Project Sponsor's Authorized Representative:

    I certify that this form and attachments have been completed by me or at my direction and that the information presented herein is, to the best of my knowledge, accurate. I further certify that all the conditions given in Item 2 of this Request for Inclusion have been met for the proposed project.

(signature)	(date)
(name, typed)	(title)

16. Return completed Forms to the Bureau of Water Facilities Funding, 2600 Blair Stone Road, MS #3505, Tallahassee, Florida 32399-2400. Information may also be sent by FAX at (850) 921-2769.

The remainder of this page intentionally has been left blank.

Request for Inclusion on the Priority List for Drinking Water Facilities

CERTIFICATION THAT THE PROJECT WILL ELIMINATE A PUBLIC HEALTH RISK FOR WHICH THERE ARE NO ESTABLISHED DEP STANDARDS

Check the appropriate description. ☐ Acute Public Health Risk ☒ Chronic Public Health Risk

Please characterize the public health risk by providing the following information:

(a) Specific location of the health risk (attach a sketch or map).

City of Lake Worth, water distribution system, see attached map

(b) Extent of the hazard (for example, number of affected wells and the number of people affected).

Chronic water distribution piping failures affecting water quality, pressure and flow to approximately 12,000 residences.
Failed water distribution piping includes 17.7 miles of corroded 2 inch steel water lines throughout the city.

(c) Chemical Abstract (CAS) number(s) for contaminant(s) and concentration(s) identified as well as the date(s) of sampling.

(d) Explanation of how the project will eliminate the health risk.

Failed 2 inch steel water lines will be replaced with larger (4") piping designed for long term water use.

(e) As the State Public Health Officer, I hereby certify that a public health risk exists and that the information presented herein is accurate.

(signature) (date)

(name, typed) (title, typed)

(agency)

(address)

Telephone _____ FAX _____

Project Description:

City of Lake Worth

Water System SRF Financial Feasibility Analysis

March 22, 2015

Prepared by:

BURTON & ASSOCIATES

UTILITY RATES ▪ ASSESSMENTS ▪ FINANCIAL PLANNING

CITY OF LAKE WORTH FLORIDA

BURTON & ASSOCIATES
UTILITY RATES ▪ ASSESSMENTS ▪ FINANCIAL PLANNING

March 22, 2015

Mr. Larry A. Johnson, P.E.
Water Utilities Director
City of Lake Worth
1900 2nd Avenue North
Lake Worth, FL 33461

Re: SRF Financial Feasibility Analysis – Draft Report

Dear Mr. Johnson:

Burton & Associates is pleased to present this Draft Report of the SRF Financial Feasibility Analysis to be submitted as part of the City's SRF loan application to secure funding for its 2-Inch Watermain Replacement Project.

We appreciate the fine assistance provided by you and all of the members of City staff who participated in the analysis. Please distribute this report to the pertinent members of City staff for their review and comment in addition to your own.

If you have any questions, please do not hesitate to call me at (813) 443-5138.

Sincerely,

Andrew J. Burnham
Senior Vice President

Enclosure

BURTON & ASSOCIATES
1000 N. Ashley Drive, Suite 513 • Tampa, Florida 33602 • Phone (813) 443-5138 • Fax (813) 443-8289
Email: *aburnham@burtonandassociates.com*

Table of Contents

SECTION 1. INTRODUCTION & BACKGROUND 1

SECTION 2. SOURCE DATA 4

SECTION 3. ASSUMPTIONS 5

SECTION 4. RESULTS 8

APPENDIX 10

SECTION 1. INTRODUCTION & BACKGROUND

Burton & Associates has been retained to conduct a Financial Feasibility Analysis for the City of Lake Worth Water System (Utility) that will be submitted to the Drinking Water State Revolving Fund Program (DWSRF) as part of its SRF Loan Application to secure funding for its 2-inch Watermain Replacement Project (Project). This report describes in detail the source data, assumptions, and results of this Financial Feasibility Analysis, which will be used as the source for much of the information required in the Business Plan to be submitted as part of the SRF Loan Application.

In FY 2009, the Utility engaged Burton & Associates to perform a rate study in response to financial challenges stemming from substantial increases in key operating costs, increasing wholesale expenses, water demand reductions due to the economy, water use restrictions and reductions in future available groundwater. The FY 2009 Rate Study analyzed the sufficiency of the revenue provided by the Utility's current rates and identified the following multi-year plan of rate adjustments:

Identified Rate Adjustments				
FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
13.25%	13.25%	13.25%	13.25%	13.25%

At the conclusion of the FY 2009 Rate Study, the City committed to performing annual updates to evaluate the adequacy of the revenues to be provided by the adopted rates for the Water Fund. Doing so allows for the incorporation of updated revenue and expense information as well as changes in economic conditions, water consumption, water use restrictions, regulatory requirements, and other factors into the financial management plan of the Utility so that any necessary adjustments to the current approved rates and/or schedule of future rates could be made.

The first such update conducted in FY 2010 resulted in a 2.25% reduction to the approved level of annual water rate increases for FY 2011 – FY 2013 due to savings on the reverse osmosis facility and associated interim water purchase costs. The next update

conducted in FY 2011 resulted in a 5.75% reduction to the approved level of annual water rate increases for FY 2012 – FY 2013 due to deferred timing for future RO capacity expansions and reduced forecast for operating costs due to reduced demands. The following update conducted in FY 2012 resulted in no rate increase requirements for the Water System in FY 2013 or FY 2014 due to a significantly lower multi-year capital improvement program (CIP) and slightly lower operating costs as compared to previous projections. The subsequent update conducted in FY 2013 confirmed no rate increase was needed in FY 2014, but a significant increase in capital projects caused rate adjustments in FY 2015 and future years to increase by 0.5% per year.

The most recent update (Final Report dated August 4, 2014, hereafter referred to as the "FY 2015 RSA") confirmed the adequacy of the 5.00% rate adjustment plan identified in the prior update, assuming the Utility issued approximately $14 million in debt (approximately $950,000 in annual debt service) to provide funding for key projects in its CIP (notably the Project). The table below summarizes the rate adjustments identified in each analysis. It is important to note that the City Commission did approve the five-year plan of adjustments from the most recent update that was conducted in FY 2014.

	Identified Rate Adjustments									
Study	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
FY 2009 RSA	13.25%	13.25%	13.25%	13.25%	13.25%	13.25%				
FY 2010 RSA	N/A	N/A	11.00%	11.00%	11.00%	4.00%	4.00%			
FY 2011 RSA	N/A	N/A	N/A	5.25%	5.25%	5.25%	5.25%	5.25%		
FY 2012 RSA	N/A	N/A	N/A	N/A	0.00%	0.00%	4.50%	4.50%	4.50%	
FY 2013 RSA	N/A	N/A	N/A	N/A	N/A	0.00%	5.00%	5.00%	5.00%	5.00%
FY 2015 RSA*	N/A	N/A	N/A	N/A	N/A	N/A	5.00%	5.00%	5.00%	5.00%

* All studies have been conducted annually, however the FY 2015 RSA reflects a change in the title/labeling of the study requested by City Staff to reflect the upcoming budget year instead of the year in which the analysis was conducted.

Now, in lieu of issuing General Obligation or Revenue Bonds in support of its CIP needs, the Utility is seeking to utilize the low interest loan program offered by the DWSRF. It is anticipated that the use of such a program will provide an opportunity by which the Utility can reduce costs and positively modify (i.e. lower) its rate adjustment plan.

In support of that effort, the City has retained Burton & Associates to perform this analysis that includes limited updates to certain data points and parameters of the FY 2015 RSA based upon the most current available data, as well as the integration of the assumed capital and borrowing costs for the Project to determine a new multi-year rate

adjustment plan that would satisfy the Utility's updated cost requirements, including the estimated debt service requirements of the SRF loan for the Project. Upon approval and acceptance of a SRF loan for the Project, it is expected that the rate adjustments identified herein would then be brought before the City Commission for approval and later modified as part of future revenue sufficiency updates as may be required.

SECTION 2. SOURCE DATA

Beginning Fund Balances – City staff provided audited account data as of September 30, 2013, which were used to establish the beginning FY 2014 balances for each of the funds of the Utility. Fund balances are presented on Schedule 2 of the Appendix.

Revenues – The revenues for the system (shown in detail on Schedule 4 of Appendix) consist of retail rate revenue, interest (investment) income, impact fee revenue, service charges, and other miscellaneous revenues. Rate revenue is based upon actual FY 2014 results, adjusted annually to reflect additional revenue generated from assumed rate increases and customer growth. All other non-rate revenues were based upon FY 2014 actual results and the FY 2015 Approved Budget, excluding water impact fee revenue (which was calculated annually based upon the assumed number of new connections and the current fee) and interest earnings (which was calculated based upon projected average fund balances, and assumed interest rates).

Operating Expenditure Requirements – The revenue requirements (shown in detail on Schedule 5 of the Appendix) are based upon the FY 2014 actual expenses and FY 2015 Approved Budget, and include all operating and maintenance expenses, debt service requirements, inter-fund transfers, and minor capital. After FY 2015, expenditures were projected based upon assumed cost escalation factors for individual expense categories (shown on Schedule 1 of Appendix), with the exception of debt service expenses, which reflect the specific repayments schedules for each respective financing.

Capital Projects Funding – The ten-year CIP (as well as actual FY 2014 spending) was provided by City staff from FY 2015 through FY 2024, and includes unspecified future capital projects from FY 2021 thru FY 2024 per estimates provided by and discussed with Utility staff. It is important to note that the CIP reflects the total estimated costs of $16.796 million for all phases of the Project as identified by the City's consulting engineer, Mock Roos & Associates, Inc. A detailed listing of the multi-year CIP by project and fiscal year is presented on Schedule 3 of the Appendix.

SECTION 3. ASSUMPTIONS

Borrowing Assumptions – The only new debt included in the forecast presented herein is anticipated to be the use of the DWSRF loan program to fund each phase of the Project, which is comprised of 6 phases spanning from FY 2015 through FY 2020 that total $16,796,000. Per communications with the DWSRF program staff, the terms of the SRF loan for each phase of the Project were estimated as shown below (further borrowing details are shown on Schedule 10 of the Appendix):

- Term: 30 years
- Interest Rates: 1.25% for funds borrowed in FY 2015, 1.50% in FY 2016, 1.75% in FY 2017, 2.00% in FY 2018 and each year thereafter.
- Loan Service Fee: 2.0% of capital costs
- Debt Repayment: begins after completion of each phase (for conservative purposes, construction is assumed to be complete in one year for each phase)

Debt Service and Coverage – The enterprise fund has a covenant to maintain net revenues (gross revenues minus operating expenses) that are at least 1.20 times greater than the annual debt service expense (i.e. the annual principal and interest payments) for senior lien debt and 1.15 times greater than annual debt service expenses associated with subordinated debt (such as SRF loans).

It is important to note that this coverage amount is a minimum requirement. To the extent the Utility is unable to meet this requirement it could be found in technical default resulting in the Utility having its credit rating downgraded, which would affect the interest rate and terms of future financing initiatives. As a policy decision, utilities often measure revenue sufficiency and set rates based upon a higher coverage level so as to ensure compliance with these covenants in the event future projections of revenue and expenses do not occur as predicted. As such, given current economic conditions and our recent experience with municipal rating agencies, we have used a debt service coverage target of 1.50 on senior lien and subordinated debt service during the projection period to

ensure that the Utility can access credit markets at the most favorable terms in the future. The estimated Utility' debt service coverage throughout the projection period is shown on Schedule 7 of the Appendix.

Growth in Accounts and Consumption – New accounts and water sales growth projections were based upon a review of historical data for residential and commercial accounts from FY 2011 through FY 2014, observance of local economic conditions, and discussions with City Staff regarding upcoming planned developments. As a result, the analysis assumes a slightly higher near-term growth due to identified economic developments, that declines to more modest growth rates in future for conservative purposes. In summary, the assumed growth in the analysis presented herein represents approximately 1.3% in FY 2015 through FY 2018, and declines to approximately 0.25% per year starting in FY 2019 throughout the remainder of the projection period. Account and consumption assumptions are shown in detail on Schedule 1 of the Appendix.

Price Elasticity – This adjustment is incorporated into the Financial Feasibility Analysis to reflect that as rates increase, discretionary water consumption will likely decline. Therefore, in order to generate sufficient revenue, projected rate increases will have to be adjusted to reflect a smaller revenue base to which they will be applied, thus causing the projected rate increases to be larger. The price elasticity adjustment reduces consumption-based revenues by the product of the annual rate increase and the annual assumed elasticity coefficient. In each year of the projection period, the price elasticity coefficient is 0.10, which in effect means that for every 10% increase in price, the Financial Feasibility Analysis reflects a 1% reduction in consumption.

Minimum Revenue/Operating Fund Reserve – The revenue or operating fund is the primary fund for the system and fluctuates based upon monthly cash flow. Utilities typically establish a target reserve balance for this fund in order to provide the ability to withstand cash-flow fluctuations. There can be a significant length of time between when a system provides a service and when a customer may pay for that service. In addition to timing, the volume of cash flow for utilities can be substantially affected by weather and seasonal demand patterns.

The analysis presented herein assumes that the Utility will continue to maintain a minimum fund balance in its operating fund equal to at least four (4) months of annual operations and maintenance expenses (inclusive of transfers to the General Fund). This level of reserve is consistent with 1) our industry experience for similar systems, 2) the findings of reserve studies conducted by the American Water Works Association (AWWA), and 3) a "strong" level of reserves for a municipal utility system per the evaluation criteria published by the municipal utility ratings agency, Standard & Poor's.

Renewal & Replacement Funding – Most water utility systems have a separate fund that is dedicated to renew, repair, or replace system assets that have become worn out or obsolete. The forecast for the Utility presented herein reflects the use of the renewal and replacement fund for the funding of annual capital infrastructure (the source of funds is provided from annual transfers from operations) and maintains an undesignated minimum balance in this fund of at least $1,000,000 through FY 2024 that can be used to address any unplanned capital expenditure requirements as may be necessary.

Casino Beach District Reimbursement – The Financial Feasibility Analysis includes annual reimbursements of $500,000 a year starting in FY 2018 until the $4 million of funds loaned internally within the City for improvements in the Casino District are repaid in full.

SECTION 4. RESULTS

In the preparation of this report, certain considerations and assumptions were made with respect to future conditions. While it is believed that the considerations and assumptions are reasonable for the purpose of this report, they are dependent upon future events and actual conditions which may differ from those assumed. In addition, it is important to note that certain information and assumptions provided or prepared by others have been used and relied upon in preparation of this report. To the extent that actual conditions differ from those assumed herein or from information or assumptions provided or prepared by others, the actual results will vary from those estimated and projected herein.

The foregoing notwithstanding, based upon the principal considerations, data, assumptions, and the results of the analysis as summarized in this report, which should be read in its entirety in conjunction with the following, we are of the opinion that

1. The Utility is financially well managed and the administrative staff is capable of addressing the administrative and financial needs of the Utility.

2. Nothing came to our attention during the course of our analysis, which would adversely affect the continued operating and financial condition of the Utility.

3. Gross revenue under the Utility's existing rates and rate adjustment plan presented herein, are projected to be sufficient to: (i) pay projected operating expenses; (ii) pay the annual debt service requirements of all existing and new debt; (iii) maintain the identified minimum renewal and replacement and operating reserve balance targets; and (v) provide net revenues that exceed one hundred and fifty percent (150%) of the total (senior lien and subordinated) debt service requirements in each respective fiscal year.

4. The existing and projected gross revenues and operating expenses, described herein, are reasonable based upon the Utility's historic data, anticipated changes

in accounts and billed usage, and assumed rate increases (which are less than those currently approved by the City Commission).

5. The revenue for each of the ten fiscal years in the forecast from October 1, 2014 through September 30, 2024 will be sufficient to pay the annual debt service requirements of all debt, including the assumed SRF Loan(s) for the Project.

Appendix

Supporting Schedules

Schedule 1 contains the assumptions of the Financial Feasibility Analysis

Schedule 2 contains the end of FY 2013 fund balances that serve as the FY 2014 beginning balances of the analysis

Schedule 3 provides a listing of the projects in the CIP utilized in the analysis

Schedule 4 contains a detailed list of all projected cash inflows from FY 2014-24

Schedule 5 contains a detailed list of all projected cash outflows from FY 2014-24

Schedule 6 contains the FAMS-XL© Control Panel that presents a summary of the full financial management plan, including annual rate increases, debt service coverage ratios, total CIP spending levels, customer impacts, and fund balances

Schedule 7 presents annual net income, debt service coverage, and cash flow results

Schedule 8 shows the funding sources utilized to pay for the CIP

Schedule 9 presents a fund-level cash flow reconciliation, providing the beginning balance in each year, the amount utilized for project funding or payment of debt service, interest calculations, and the end of year fund balance

Schedule 10 contains the calculation of projected annual long-term borrowing assuming the use of the DWSRF Loan Program

Assumptions

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Annual Growth:											
Water Growth:											
Residential Customers	10,055	10,210	10,369	10,487	10,605	10,629	10,653	10,677	10,701	10,725	10,749
Growth in Accounts		155	159	118	118	24	24	24	24	24	24
Percent increase in Accounts	N/A	1.54%	1.56%	1.14%	1.13%	0.23%	0.23%	0.23%	0.22%	0.22%	0.22%
% Increase in Water Use	N/A	1.54%	1.56%	1.14%	1.13%	0.23%	0.23%	0.23%	0.22%	0.22%	0.22%
Commercial Customers	11,310	11,485	11,664	11,796	11,928	11,954	11,980	12,006	12,032	12,058	12,084
Growth in Accounts		175	179	132	132	26	26	26	26	26	26
Percent increase in Accounts	N/A	1.55%	1.55%	1.13%	1.12%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%
% Increase in Water Use	N/A	1.55%	1.55%	1.13%	1.12%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%
Capital Spending:											
Annual Capital Budget (Current Day $)	$3,755,291	$4,045,900	$8,257,900	$10,262,465	$4,861,000	$5,756,000	$4,296,000	$2,330,000	$2,550,000	$2,500,000	$2,500,000
Annual Percent Executed	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Impact Fees:											
Water	$3,416	$3,416	$3,416	$3,416	$3,416	$3,416	$3,416	$3,416	$3,416	$3,416	$3,416
Average Annual Interest Earnings Rate:											
Water Enterprise Fund:	0.25%	0.50%	0.75%	1.00%	1.25%	1.50%	2.00%	2.00%	2.00%	2.00%	2.00%
Operating Expenses Cost Escalation:											
Life, Health, & Disability	N/A	N/A	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Interfund Admin Services	N/A	N/A	3.21%	3.24%	3.27%	3.30%	3.35%	3.40%	3.45%	3.50%	3.55%
Regular Salaries & Wages	N/A	N/A	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Worker's Compensation	N/A	N/A	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Gas, Lubricant, Oil	N/A	N/A	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Chemicals	N/A	N/A	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Uncollectible Accounts	N/A	N/A	6.76%	5.75%	4.86%	4.38%	3.47%	3.47%	3.47%	3.47%	3.47%
All Other Expenditures	N/A	N/A	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Payment in Lieu of Taxes (% of PY Revenues)	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
Weighted Average Cost Escalation	N/A	N/A	3.21%	3.24%	3.27%	3.30%	3.35%	3.40%	3.45%	3.50%	3.55%
Operating Budget Reserve:											
Target (Number of Months of Reserve)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Operating Budget Execution Percentage:											
Personal Expenses	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Operations and Maintenance	85%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

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Fund Balances as of Sept. 30, 2013

SOURCE: 2013 CAFR Pages 22-23 and additional details provided by City Staff.

FUND BALANCES		Revenue Fund
Water Impact Fees	$	-
Bond Proceeds	$	-
Renewal & Replacement	$	250,000
Capital Improvement Fund	$	-
SRF Projects	$	-
Revenue Fund	$	15,468,692
Restricted Reserves	$	231,627
TOTAL CONSOLIDATED FUND BALANCE	**$**	**15,950,319**

CURRENT UNRESTRICTED ASSETS		Revenue Fund		Restricted Reserves
Cash and Cash Equivalents	$	1,386,058	$	231,627
Investments	$	12,669,549	$	946,828
Accounts Receivable Net	$	1,447,610	$	-
Accrued Interest Receivable	$	47,555	$	-
Due From Other Funds	$	1,376,829	$	-
Due From Other Governments	$	31,639	$	-
Inventories	$	259,633	$	-
Advances to Other Funds (Casino Bldg Fund)	$	-	$	-
TOTAL CURRENT UNRESTRICTED ASSETS	$	17,218,873	$	1,178,455
Less: Accounts & Contracts Payable	$	(113,823)	$	-
Less: Accrued Liabilities	$	(469,752)	$	-
Less: Compensated Absences - Current	$	(21,973)	$	-
Less: Notes Bonds Payable - Current	$	-	$	-
Less: Revenue Bonds Payable - Current	$	(635,001)	$	-
Less: Meter Deposits	$	-	$	(946,828)
Less: Inventories	$	(259,633)	$	-
Less: Accounts & Contracts Payable From Restricted Assets	$	-	$	-
CALCULATED FUND BALANCE (ASSETS - LIABILITIES)	$	15,718,692	$	231,627
Plus/(Less): Separation of R&R Fund Balance	$	(250,000)	$	-
NET UNRESTRICTED FUND BALANCE	**$**	**15,468,692**	**$**	**231,627**

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Capital Improvement Program

Project Description	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Fund 402 - Master Plan - Lake Worth 2020											
K St & M St	$ -	171,000	-	1,544,708	-	-	-	-	-	-	-
N F St	$ -	65,000	-	482,757	-	-	-	-	-	-	-
15, 16, 17, 18 Ave N; Terr Dr	$ -	400,000	-	2,670,000	-	-	-	-	-	-	-
Tropical Dr & Barton Rd	$ -	1,265,000	-	-	-	-	-	-	-	-	-
Snowden & Collier	$ -	158,000	1,052,000	-	-	-	-	-	-	-	-
S. C, D, E, F St	$ -	157,000	1,045,000	-	-	-	-	-	-	-	-
S. B, C, F St 3rd, 4th, 5th Ave	$ -	80,000	533,000	-	-	-	-	-	-	-	-
Park of Commerce	$ -	-	1,231,000	-	-	-	-	-	-	-	-
7th Ave S 8th Ave S, Elm, F St	$ -	-	-	56,000	373,000	-	-	-	-	-	-
15th Ave S & S N St	$ -	-	-	-	76,000	506,000	-	-	-	-	-
Wright, Small, Barber Dr	$ -	-	-	-	88,000	584,000	-	-	-	-	-
S East Coast & S H St	$ -	-	-	-	28,000	184,000	-	-	-	-	-
Fund 402 - Water Distribution	$ -	-	-	-	-	-	-	-	-	-	-
WM Replace Crestwood	$ 346,000	-	-	-	-	-	-	-	-	-	-
WM Replace 14th Ave N	$ 160,000	-	-	-	-	-	-	-	-	-	-
WM Replace 15th Ave N	$ 246,783	-	-	-	-	-	-	-	-	-	-
WM Install 10th Ave S	$ 560,000	-	-	-	-	-	-	-	-	-	-
WM Install I-95 to A st 11th & 12th N	$ -	-	-	-	-	-	-	-	-	-	-
WM Replace13th, 15th N, M to O St	$ -	-	-	-	-	-	-	-	-	-	-
WM Replace Lake & Lucerne J, K, L, G, M	$ -	-	80,000	800,000	-	-	-	-	-	-	-
WM Connect Lake & Lucerne & FEC	$ -	-	-	150,000	-	-	-	-	-	-	-
O st & S Palmway* MP yr 7	$ -	-	50,000	331,000	-	-	-	-	-	-	-
Hillcrest Dr	$ -	-	-	-	-	21,000	-	-	-	-	-
S K, L, M, st & 1st Ave S	$ -	-	-	-	-	60,000	-	-	-	-	-
15th Ave S & S G St	$ -	-	-	-	-	74,000	-	-	-	-	-
11th Ave S & S G St	$ -	-	-	-	-	67,000	-	-	-	-	-
Vassar & Byrn Mawr	$ -	-	-	-	-	65,000	-	-	-	-	-
Duke, Lakeside Dr, Wellesley Dr	$ -	-	-	-	-	55,000	-	-	-	-	-
13th Ave N & 11th Ave N	$ -	-	-	-	-	33,000	-	-	-	-	-
N H St - 2nd to 5th	$ -	-	-	-	-	31,000	-	-	-	-	-
Fund 402 - Water Treatment	$ -	-	-	-	-	-	-	-	-	-	-
4 LOG WTP Improvements	$ 690,008	-	-	-	-	-	-	-	-	-	-
Lime Softening Basin	$ 30,500	-	-	-	-	-	-	-	-	-	-
Well 9R Rehabilitation	$ 200,000	-	-	-	-	-	-	-	-	-	-
Raw WM Install Well # 16, 17, 18	$ 860,000	120,000	120,000	-	-	-	-	-	-	-	-
New Construction Well #16	$ 662,000	-	-	-	-	-	-	-	-	-	-
Reconstruction Well #12	$ -	405,000	-	-	-	-	-	-	-	-	-
New Construction Well #17	$ -	58,900	662,000	-	-	-	-	-	-	-	-
New Construction Well #18	$ -	-	58,900	662,000	-	-	-	-	-	-	-
New Construction Well #F-4	$ -	-	-	-	-	80,000	800,000	-	-	-	-
New Construction Well #F-5	$ -	-	-	-	-	-	-	80,000	800,000	-	-
Replace HS Pumps #3, 4, 5	$ -	350,000	-	300,000	-	-	-	-	-	-	-
Ground Storage Tank Repairs	$ -	-	80,000	-	-	-	-	-	-	-	-
Membrane Replacement	$ -	-	-	-	300,000	300,000	300,000	-	-	-	-
MIT Deep Well	$ -	-	150,000	-	-	-	-	-	-	-	-
WTP Structural Repairs	$ -	-	-	70,000	700,000	-	-	-	-	-	-
Wash Recovery Basin	$ -	-	-	-	-	500,000	-	-	-	-	-
Well 9 Generator	$ -	-	-	-	100,000	-	-	-	-	-	-

Schedule 3 – Capital Improvement Plan

Capital Improvement Program

Project Description		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Unspecified Future Projects - Distribution	$	-	-	-	-	-	-	-	1,750,000	1,750,000	1,750,000	1,750,000
Unspecified Future Projects -Treatment	$	-	-	-	-	-	-	-	500,000	-	750,000	750,000
Unspecified Future Projects -Wells	$	-	-	-	-	-	-	-	-	-	-	-
2" Watermain Replacement - cash funded portion	$	-	816,000	-	-	-	-	-	-	-	-	-
2" Watermain Replacement	$	-	-	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	-	-	-	-
Total CIP Budget (in FY 2014 dollars)	**$**	**3,755,291**	**4,045,900**	**8,257,900**	**10,262,465**	**4,861,000**	**5,756,000**	**4,296,000**	**2,330,000**	**2,550,000**	**2,500,000**	**2,500,000**
Cumulative Projected Cost Escalation		0.0%	0.0%	2.5%	5.1%	7.7%	10.4%	13.1%	16.0%	18.9%	21.8%	24.9%
Resulting CIP Funding Level	**$**	**3,755,291**	**4,045,900**	**8,384,448**	**10,622,855**	**4,989,205**	**6,022,240**	**4,440,100**	**2,702,800**	**3,031,950**	**3,045,000**	**3,122,500**
Annual CIP Execution Percentage		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Final CIP Funding Level	**$**	**3,755,291**	**4,045,900**	**8,384,448**	**10,622,855**	**4,989,205**	**6,022,240**	**4,440,100**	**2,702,800**	**3,031,950**	**3,045,000**	**3,122,500**

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Projection of Cash Inflows

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
1	**Rate Revenue Growth Assumptions**											
2	Growth in Residential Water Customers	N/A	155	159	118	118	24	24	24	24	24	24
3	Use Growth	N/A	1.54%	1.56%	1.14%	1.13%	0.23%	0.23%	0.23%	0.22%	0.22%	0.22%
4	Growth in Commercial Water Customers	N/A	175	179	132	132	26	26	26	26	26	26
5	Use Growth	N/A	1.55%	1.55%	1.13%	1.12%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%
6	**Assumed Rate Revenue Increases**											
7	Assumed Water Rate Increase	**N/A**	**5.0%**	**4.5%**	**4.0%**	**3.5%**	**3.5%**	**3.5%**	**3.5%**	**3.5%**	**3.5%**	**3.5%**
8	**Water Rate Revenue**											
9	Base Facility Charges	$ 4,578,269	4,881,433	5,180,453	5,448,804	5,702,786	5,915,480	6,136,078	6,364,871	6,602,163	6,848,269	7,103,514
10	Usage Charges	$ 7,337,793	7,784,570	8,224,250	8,615,671	8,985,706	9,288,220	9,600,872	9,923,999	10,257,952	10,603,091	10,959,790
11	**Total Water Rate Revenue**	**$11,916,062**	**12,666,003**	**13,404,703**	**14,064,475**	**14,688,492**	**15,203,701**	**15,736,950**	**16,288,871**	**16,860,115**	**17,451,360**	**18,063,304**
12	**Other Operating Revenue**											
13	Service Charge	$ 114,557	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000
14	Tampering Fines	$ -	-	-	-	-	-	-	-	-	-	-
15	Tax Collections	$ 2,505	-	-	-	-	-	-	-	-	-	-
16	Discount	$ (757)	-	-	-	-	-	-	-	-	-	-
17	Miscellaneous	$ -	-	-	-	-	-	-	-	-	-	-
18	FDOT Reimbursement	$ -	-	-	-	-	-	-	-	-	-	-
19	Other	$ -	-	-	-	-	-	-	-	-	-	-
20	**Total Other Operating Revenue**	**$ 116,305**	**180,000**	**180,000**	**180,000**	**180,000**	**180,000**	**180,000**	**180,000**	**180,000**	**180,000**	**180,000**
21	**Impact Fee Revenue**											
22	Water Impact Fees	$ 231,294	1,127,280	1,152,900	854,000	854,000	170,800	170,800	170,800	170,800	170,800	170,800
23	**Total Impact Fee Revenue**	**$ 231,294**	**1,127,280**	**1,152,900**	**854,000**	**854,000**	**170,800**	**170,800**	**170,800**	**170,800**	**170,800**	**170,800**
24	**Non-Operating Revenue**											
25	Disp of Fixed Assets	$ 4	-	-	-	-	-	-	-	-	-	-
26	Realized Gain/(Loss)	$ (3,011)	-	-	-	-	-	-	-	-	-	-
27	**Total Non-Operating Revenue**	**$ (3,007)**	-	-	-	-	-	-	-	-	-	-
28	**Transfers In**											
29	Casino Reimbursement	$ -	-	-	-	500,000	500,000	500,000	500,000	500,000	500,000	500,000
30	**Total Non-Operating Revenue**	**$ -**	**-**	**-**	**-**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**
31	**Interest Earnings**											
32	Interest Earned on Unrestricted Funds	$ 39,581	63,487	73,588	55,494	42,712	60,114	98,672	118,692	123,701	129,524	138,722
33	Interest Earned on Restricted Funds	$ 618	1,158	1,737	2,316	2,895	3,474	4,633	4,633	4,633	4,633	4,633
34	**Total Interest Earnings**	**$ 40,199**	**64,645**	**75,325**	**57,810**	**45,607**	**63,588**	**103,305**	**123,325**	**128,334**	**134,157**	**143,355**
35	**Total Revenue**	**$12,300,853**	**14,037,928**	**14,812,928**	**15,156,286**	**16,268,099**	**16,118,089**	**16,691,055**	**17,262,995**	**17,839,249**	**18,436,316**	**19,057,458**

Burton & Associates

Projection of Cash Outflows

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
	Personal Service Expenses											
	Administration - 7010											
1	402-7010-533.12-10 Regular	$ -	154,607	159,245	164,023	168,943	174,012	179,232	184,609	190,147	195,852	201,727
2	402-7010-533.15-10 Longevity	$ -	338	348	359	369	380	392	404	416	428	441
3	402-7010-533.15-30 Other Pays	$ -	3,150	3,245	3,342	3,442	3,545	3,652	3,761	3,874	3,990	4,110
4	402-7010-533.21-00 FICA Taxes	$ -	12,094	12,457	12,831	13,215	13,612	14,020	14,441	14,874	15,320	15,780
5	402-7010-533.22-10 Defined Benefit Plan	$ -	34,370	37,120	40,089	43,296	46,760	50,501	54,541	58,904	63,616	68,706
6	402-7010-533.22-20 401-a Plan	$ -	5,250	5,408	5,570	5,737	5,909	6,086	6,269	6,457	6,651	6,850
7	402-7010-533.23-00 Life & Health Insurance	$ -	14,346	15,494	16,733	18,072	19,518	21,079	22,765	24,587	26,553	28,678
8	402-7010-533.24-10 Workers' Compensation-R	$ -	2,833	2,975	3,123	3,280	3,444	3,616	3,796	3,986	4,186	4,395
	Treatment - 7022											
9	402-7022-533.12-10 Regular	$ 992,510	1,002,394	1,032,466	1,063,440	1,095,343	1,128,203	1,162,049	1,196,911	1,232,818	1,269,803	1,307,897
10	402-7022-533.14-10 Standard Overtime	$ 83,133	89,107	91,780	94,534	97,370	100,291	103,299	106,398	109,590	112,878	116,264
11	402-7022-533.15-10 Longevity	$ 9,853	10,646	10,965	11,294	11,633	11,982	12,342	12,712	13,093	13,486	13,891
12	402-7022-533.15-30 Other Pays	$ 3,112	-	-	-	-	-	-	-	-	-	-
13	402-7022-533.21-00 FICA Taxes	$ 80,120	80,913	83,340	85,841	88,416	91,068	93,800	96,614	99,513	102,498	105,573
14	402-7022-533.22-10 Defined Benefit Plan	$ 380,788	339,875	367,065	396,430	428,145	462,396	499,388	539,339	582,486	629,085	679,412
15	402-7022-533.22-20 401-a Plan	$ 6,000	-	-	-	-	-	-	-	-	-	-
16	402-7022-533.23-00 Life & Health Insurance	$ 161,419	160,010	172,811	186,636	201,567	217,692	235,107	253,916	274,229	296,167	319,861
17	402-7022-533.24-10 Worker's Compensation- Reg	$ 1,343	48,384	50,803	53,343	56,011	58,811	61,752	64,839	68,081	71,485	75,059
	Transmission & Distribution -7034											
18	402-7034-533.12-10 Regular	$ 456,330	457,080	470,792	484,916	499,464	514,448	529,881	545,777	562,151	579,015	596,386
19	402-7034-533.14-10 Standard Overtime	$ 46,243	43,992	45,312	46,671	48,071	49,513	50,999	52,529	54,105	55,728	57,400
20	402-7034-533.15-10 Longevity	$ 1,649	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534	2,610
21	402-7034-533.15-30 Other Pays	$ 1,827	-	-	-	-	-	-	-	-	-	-
22	402-7034-533.21-00 FICA Taxes	$ 36,462	36,180	37,265	38,383	39,535	40,721	41,943	43,201	44,497	45,832	47,207
23	402-7034-533.22-10 Defined Benefit Plan	$ 162,359	154,022	166,344	179,651	194,023	209,545	226,309	244,414	263,967	285,084	307,891
24	402-7034-533.23-00 Life & Health Insurance	$ 88,948	96,908	104,661	113,033	122,076	131,842	142,390	153,781	166,083	179,370	193,720
25	402-7034-533.24-10 Worker's Compensation- Reg	$ 816	23,133	24,290	25,504	26,779	28,118	29,524	31,000	32,550	34,178	35,887
26	**Personal Services**	**$ 2,512,912**	**2,771,632**	**2,896,245**	**3,027,868**	**3,166,972**	**3,314,061**	**3,469,678**	**3,634,405**	**3,808,868**	**3,993,739**	**4,189,742**
27	**Personal Services Execution Percentage**	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
28	**Total Personal Services Executed**	**$ 2,512,912**	**2,771,632**	**2,896,245**	**3,027,868**	**3,166,972**	**3,314,061**	**3,469,678**	**3,634,405**	**3,808,868**	**3,993,739**	**4,189,742**
	Operations & Maintenance Expenses											
	Administration - 7010											
29	402-9010-533.34-95 Interfund Admins Services	$ 1,468,466	725,475	748,739	772,968	798,270	824,632	852,258	881,222	911,604	943,489	976,970
30	402-7010-533.31-10 Legal	$ -	75,000	76,875	78,797	80,767	82,786	84,856	86,977	89,151	91,380	93,665
31	402-7010-533.31-90 Other	$ -	350,000	358,750	367,719	376,912	386,335	395,993	405,893	416,040	426,441	437,102
32	402-7010-533.32-00 Accounting & Auditing	$ -	30,000	30,750	31,519	32,307	33,114	33,942	34,791	35,661	36,552	37,466
33	402-7010-533.40-10 Training/Registration	$ -	4,000	4,100	4,203	4,308	4,415	4,526	4,639	4,755	4,874	4,995
34	402-7010-533.40-20 Lodging/Transportation	$ -	3,000	3,075	3,152	3,231	3,311	3,394	3,479	3,566	3,655	3,747
35	402-7010-533.46-21 Equipment-General	$ -	2,000	2,050	2,101	2,154	2,208	2,263	2,319	2,377	2,437	2,498
36	402-7010-533.47-00 Printing & Binding	$ -	3,000	3,075	3,152	3,231	3,311	3,394	3,479	3,566	3,655	3,747
37	402-7010-533.48-00 Promotional Activities	$ -	11,000	11,275	11,557	11,846	12,142	12,445	12,757	13,076	13,402	13,737
38	402-7010-533.49-10 Advertising	$ -	2,000	2,050	2,101	2,154	2,208	2,263	2,319	2,377	2,437	2,498
39	402-7010-533.51-10 Office Supplies	$ -	4,500	4,613	4,728	4,846	4,967	5,091	5,219	5,349	5,483	5,620
40	402-7010-533.54-00 Books, Publ, Subsc & Me	$ -	1,500	1,538	1,576	1,615	1,656	1,697	1,740	1,783	1,828	1,873
	Production - 7021											
41	402-7021-533.43-10 Water	$ 827	1,000	1,045	1,087	1,125	1,164	1,205	1,247	1,291	1,336	1,383
42	402-7021-533.43-30 Electricity	$ 125,788	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000
43	402-7021-533.46-10 Buildings	$ -	5,000	5,125	5,253	5,384	5,519	5,657	5,798	5,943	6,092	6,244
44	402-7021-533.46-21 Equipment-General	$ 9,007	22,000	22,550	23,114	23,692	24,284	24,891	25,513	26,151	26,805	27,475
45	402-7021-533.46-22 Equipment-Garage	$ -	7,000	7,175	7,354	7,538	7,727	7,920	8,118	8,321	8,529	8,742
46	402-7021-533.46-26 Heavy Equipment	$ 1,446	10,000	10,250	10,506	10,769	11,038	11,314	11,597	11,887	12,184	12,489
47	402-7021-533.46-46 Wells	$ 202,103	195,000	199,875	204,872	209,994	215,244	220,625	226,140	231,794	237,589	243,528
48	402-7021-533.52-15 Inventory/Over-Short	$ (853)	-	-	-	-	-	-	-	-	-	-

Projection of Cash Outflows

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
	Treatment - 7022											
49	402-7022-533.31-10 Legal	$ 14,373	-	-	-	-	-	-	-	-	-	-
50	402-7022-533.31-50 Internal IT Support	$ 56,335	51,980	53,280	54,611	55,977	57,376	58,811	60,281	61,788	63,333	64,916
51	402-7022-533.31-90 Other	$ 27,505	60,000	61,500	63,038	64,613	66,229	67,884	69,582	71,321	73,104	74,932
52	402-7022-533.32-00 Accounting & Auditing	$ 4,375	-	-	-	-	-	-	-	-	-	-
53	402-7022-533.34-50 Other Contractual Services	$ 201,967	249,400	255,635	262,026	268,577	275,291	282,173	289,228	296,458	303,870	311,466
54	402-7022-533.40-10 Training/ Registration	$ 4,534	6,404	6,564	6,728	6,896	7,069	7,246	7,427	7,612	7,803	7,998
55	402-7022-533.41-30 Postage & Freight	$ 1,077	5,700	5,843	5,989	6,138	6,292	6,449	6,610	6,776	6,945	7,119
56	402-7022-533.43-30 Electricity	$ 462,800	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000	550,000
57	402-7022-533.43-40 Refuse/Waste Disposal	$ 510	-	-	-	-	-	-	-	-	-	-
58	402-7022-533.43-10 Water	$ 194,549	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
59	402-7022-533.44-20 Operating/ Capital Leasing	$ 669	-	-	-	-	-	-	-	-	-	-
60	402-7022-533.45-10 Property/Liability	$ 313,123	313,123	320,951	328,975	337,199	345,629	354,270	363,127	372,205	381,510	391,048
61	402-7022-533.46-21 Equipment-General	$ 76,671	65,000	66,625	68,291	69,998	71,748	73,542	75,380	77,265	79,196	81,176
62	402-7022-533.46-22 Equipment- Garage	$ 19,600	24,500	25,113	25,740	26,384	27,043	27,720	28,412	29,123	29,851	30,597
63	402-7022-533.46-26 Heavy Equipment	$ 148	563	577	592	606	621	637	653	669	686	703
64	402-7022-533.47-00 Printing & Binding	$ 6,586	5,000	5,125	5,253	5,384	5,519	5,657	5,798	5,943	6,092	6,244
65	402-7022-533.49-10 Advertising	$ 2,346	3,000	3,075	3,152	3,231	3,311	3,394	3,479	3,566	3,655	3,747
66	402-7022-533.51-10 Office Supplies	$ 6,322	2,500	2,563	2,627	2,692	2,760	2,829	2,899	2,972	3,046	3,122
67	402-7022-533.52-10 Gas, Lubricant, & Oil	$ 19,206	26,340	27,657	29,040	30,492	32,016	33,617	35,298	37,063	38,916	40,862
68	402-7022-533.52-20 Small Tools & Equipment	$ 10,129	7,500	7,688	7,880	8,077	8,279	8,486	8,698	8,915	9,138	9,366
69	402-7022-533.52-30 Chemicals	$ 364,167	541,990	569,090	597,544	627,421	658,792	691,732	726,318	762,634	800,766	840,804
70	402-7022-533.52-40 Uniforms	$ 3,122	7,161	7,340	7,524	7,712	7,904	8,102	8,305	8,512	8,725	8,943
71	402-7022-533.52-60 Lab	$ 30,293	34,000	34,850	35,721	36,614	37,530	38,468	39,430	40,415	41,426	42,461
72	402-7022-533.52-90 Other	$ 21,074	64,000	65,600	67,240	68,921	70,644	72,410	74,220	76,076	77,978	79,927
73	402-7022-533.54-00 Books, Publ, Subsc, & Memb	$ 1,390	2,296	2,353	2,412	2,473	2,534	2,598	2,663	2,729	2,797	2,867
74	402-7022-533.56-20 Equipment Technology	$ 3,500	-	-	-	-	-	-	-	-	-	-
	Transmission & Distribution -7034											
75	402-7034-533.31-50 Internal IT Support	$ 57,214	60,265	61,772	63,316	64,899	66,521	68,184	69,889	71,636	73,427	75,263
76	402-7034-533.46-90 Other	$ -	32	33	34	34	35	36	37	38	39	40
77	402-7034-533.34-50 Other Contractual Services	$ 69,308	20,300	20,808	21,328	21,861	22,407	22,968	23,542	24,130	24,734	25,352
78	402-7034-533.34-75 Right of Way	$ 5,174	7,900	8,098	8,300	8,507	8,720	8,938	9,162	9,391	9,625	9,866
79	402-7034-533.40-10 Training/ Registration	$ 457	3,355	3,439	3,525	3,613	3,703	3,796	3,891	3,988	4,088	4,190
80	402-7034-533.46-60 Meters/Lines	$ 164,450	209,900	215,148	220,526	226,039	231,690	237,483	243,420	249,505	255,743	262,136
81	402-7034-533.49-10 Advertising	$ 868	1,000	1,025	1,051	1,077	1,104	1,131	1,160	1,189	1,218	1,249
82	402-7034-533.41-20 Mobile Radios	$ 1,160	1,500	1,538	1,576	1,615	1,656	1,697	1,740	1,783	1,828	1,873
83	402-7034-533.41-30 Postage & Freight	$ 309	441	452	463	475	487	499	511	524	537	551
84	402-7034-533.43-10 Water	$ 287	1,200	1,290	1,387	1,491	1,603	1,723	1,852	1,991	2,140	2,301
85	402-7034-533.43-30 Electricity	$ 23,369	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000
86	402-7034-533.43-40 Refuse/Waste Disposal	$ 213	500	505	510	515	520	526	531	536	541	547
87	402-7034-533.47-00 Printing & Binding	$ 751	750	769	788	808	828	849	870	892	914	937
88	402-7034-533.44-20 Operating/ Capital Leasing	$ 3,389	16,000	16,400	16,810	17,230	17,661	18,103	18,555	19,019	19,494	19,982
89	402-7034-533.45-10 Property/Liability	$ 34,137	34,137	34,990	35,865	36,762	37,681	38,623	39,588	40,578	41,593	42,632
90	402-7034-533.51-10 Office Supplies	$ 2,184	3,500	3,588	3,677	3,769	3,863	3,960	4,059	4,160	4,264	4,371
91	402-7034-533.52-10 Gas, Lubricant, & Oil	$ 37,347	38,000	39,900	41,895	43,990	46,189	48,499	50,924	53,470	56,143	58,950
92	402-7034-533.52-20 Small Tools & Equipment	$ 11,804	20,000	20,500	21,013	21,538	22,076	22,628	23,194	23,774	24,368	24,977
93	402-7034-533.52-40 Uniforms	$ 4,473	8,240	8,446	8,657	8,874	9,095	9,323	9,556	9,795	10,040	10,291
94	402-7034-533.46-22 Equipment - Garage	$ 62,100	62,100	63,653	65,244	66,875	68,547	70,260	72,017	73,817	75,663	77,554
95	402-7034-533.54-00 Books, Publ, Subsc, & Memb	$ 464	500	513	525	538	552	566	580	594	609	624
96	402-7034-533.46-21 Equipment - General	$ 2,995	5,000	5,125	5,253	5,384	5,519	5,657	5,798	5,943	6,092	6,244
97	402-7034-533.46-45 Mains	$ 93,464	160,000	164,000	168,100	172,303	176,610	181,025	185,551	190,190	194,944	199,818
98	402-7034-533.46-10 Buildings	$ 854	1,000	1,025	1,051	1,077	1,104	1,131	1,160	1,189	1,218	1,249
99	402-7034-533.46-26 Heavy Equipment	$ 4,755	8,100	8,303	8,510	8,723	8,941	9,164	9,394	9,628	9,869	10,116
100	402-7034-533.46-27 Heavy Equipment-ext Repair	$ 846	5,000	5,125	5,253	5,384	5,519	5,657	5,798	5,943	6,092	6,244
101	402-7034-533.46-47 Hydrants	$ 58,246	50,000	51,250	52,531	53,845	55,191	56,570	57,985	59,434	60,920	62,443
102	402-7034-533.46-99 Internal Service Fund R	$ -	90,000	92,250	94,556	96,920	99,343	101,827	104,372	106,982	109,656	112,398

Projection of Cash Outflows

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
	Customer Service											
103	402-9010-533.49-30 Uncollectible Accounts	$ 120,324	128,460	135,847	142,445	148,685	153,837	159,170	164,689	170,401	176,314	182,433
104	402-9010-519.58-70 Bank Charges and fees	$ 11,063	11,000	11,275	11,557	11,846	12,142	12,445	12,757	13,076	13,402	13,737
	Non-Departmental											
105	402-7090-599.58-30 Client Refund Interest Ex	$ 2,005	6,877	7,049	7,225	7,406	7,591	7,781	7,975	8,175	8,379	8,588
106	402-7090-533.84-88 Ultra Low Flush Toilets	$ 50	-	-	-	-	-	-	-	-	-	-
107	402-7090-533.84-90 Prof & Contract Service	$ 811	-	-	-	-	-	-	-	-	-	-
108	**O&M Expenses**	**$ 4,428,026**	**4,901,989**	**5,023,447**	**5,148,110**	**5,276,628**	**5,408,385**	**5,544,975**	**5,686,608**	**5,833,506**	**5,985,900**	**6,144,035**
109	O&M Execution Percentage	85%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
110	**Total O&M Expenses Executed**	**$ 3,763,822**	**4,901,989**	**5,023,447**	**5,148,110**	**5,276,628**	**5,408,385**	**5,544,975**	**5,686,608**	**5,833,506**	**5,985,900**	**6,144,035**
	Transfers and Other Below the Line Expenses (OBLE)											
111	Payment in Lieu of Taxes (Contrib. to GF)	$ 1,030,564	962,589	1,027,680	1,086,776	1,139,558	1,189,479	1,230,696	1,273,356	1,317,510	1,363,209	1,410,509
112	Transfer to R&R	$ 4,505,291	4,045,900	5,188,448	7,426,855	1,793,205	2,799,315	1,106,100	2,702,800	3,031,950	3,045,000	3,122,500
113	Capital Outlay Contra	$ 6,473	5,000	5,125	5,253	5,384	5,519	5,657	5,798	5,943	6,092	6,244
114	**Total Transfers and OBLE**	**$ 5,542,328**	**5,013,489**	**6,221,253**	**8,518,884**	**2,938,147**	**3,994,313**	**2,342,453**	**3,981,954**	**4,355,403**	**4,414,301**	**4,539,253**
	Debt Service Payments											
115	Bank of America Public Capital Series 2013 Loan	$ 2,289,484	2,292,073	2,290,956	2,293,700	2,295,171	2,295,369	2,299,294	2,301,812	2,300,423	2,302,694	2,305,991
116	SRF Revolving $6.5M Loan	$ 434,483	434,483	434,483	434,483	434,483	434,483	434,483	434,483	434,483	434,483	434,483
117	SRF Revolving $450K Loan & 2.549M Principal Forgiven	$ 30,902	30,902	30,902	30,902	30,902	30,902	30,902	30,902	30,902	30,902	30,902
118	New Debt Service - SRF Borrowing	$ -	-	-	135,740	276,340	421,895	567,450	713,005	713,005	713,005	713,005
119	**Total Debt Service Payments**	**$ 2,754,869**	**2,757,458**	**2,756,341**	**2,894,826**	**3,036,896**	**3,182,649**	**3,332,130**	**3,480,203**	**3,478,814**	**3,481,085**	**3,484,382**
120	**Total Cash Outflows**	**$ 14,573,931**	**15,444,569**	**16,897,285**	**19,589,687**	**14,418,644**	**15,899,410**	**14,689,236**	**16,783,171**	**17,476,590**	**17,875,025**	**18,357,412**

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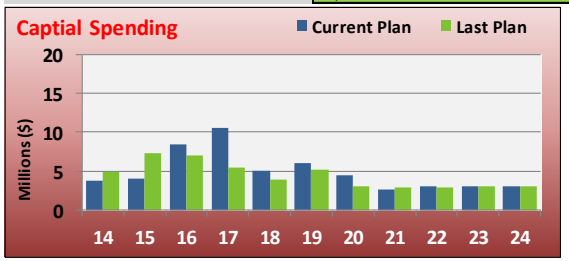
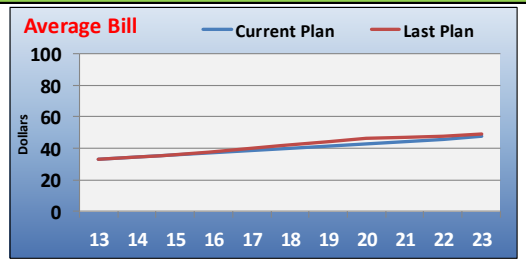
FAMS - Control Panel

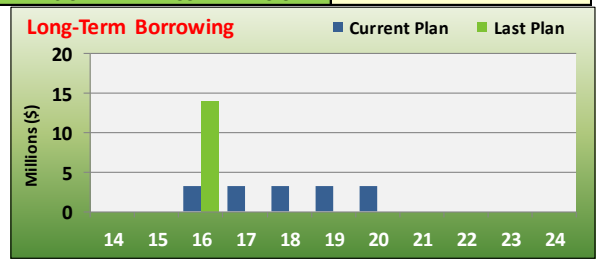
FINANCIAL ANALYSIS AND MANAGEMENT SYSTEM (FAMS) SUMMARY

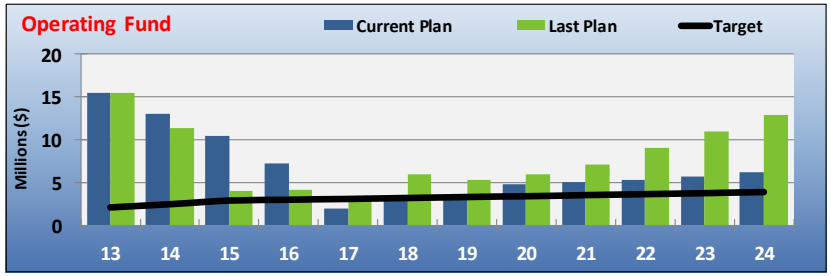
SAVE CALC ROLL	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Cumulative Change FY 2019	Cumulative Change FY 2024
Override ▶		5.00%	4.50%	4.00%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%		
Water Rate Increases	0.00%	5.00%	4.50%	4.00%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	22.11%	45.08%
Last Plan	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	2.00%	2.00%	2.00%	27.66%	49.49%
Rate Covenant	2.53	2.28	2.51	2.67	2.82	2.93	3.05	3.16	3.27	3.38	3.49		
Last Plan		2.36	1.84	2.01	2.20	2.36	2.52	2.68	2.71	2.73	2.75		
SRF Coverage	6.54	5.34	6.43	5.61	5.01	4.47	4.11	3.83	4.04	4.26	4.49		
Last Plan		5.69	4.46	5.67	6.97	8.10	9.16	10.32	10.52	10.68	10.84		
CIP $ Redistribution ▶	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00		
CIP Execution % ▶	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%		
Operating Reserve Mo ▶	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		
Average Bill (5,000 gals.)	$32.65	34.28	35.81	37.24	38.54	39.87	41.27	42.70	44.21	45.75	47.37		
Last Plan	$32.65	34.28	36.01	37.80	39.69	41.68	43.77	45.98	46.91	47.85	48.81		

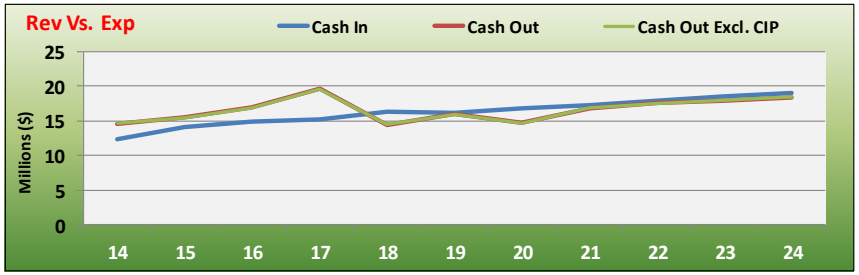
Elasticity	10.0%
PILOT	8.00%
Calc R&R Transfer	Y
Tranfer to R&R	1,000,000
Scenarios	0
2" WaterMain?	Y
Check	$ -











NOTE: "Last Plan" numbers in green reflect the results of the FY 2015 Rate Study.

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Forecast of Net Revenues and Debt Service Coverage

			FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
1	**Water Rate Revenue**												
2	**Revenue Generated From Admin/Customer Charges**												
3	Base Rate Revenue	$	4,578,269	4,578,269	4,881,433	5,180,453	5,448,804	5,702,786	5,915,480	6,136,078	6,364,871	6,602,163	6,848,269
4	Additional Rate Revenue From Partial Py Rate Increase	$	-	-	-	-	-	-	-	-	-	-	-
5	Additional Rate Revenue From Growth	$	-	70,715	75,938	58,782	61,133	12,655	13,097	13,556	14,030	14,521	15,030
6	Other Revenue Adjustments (Casino Beach District)	$	-	-	-	-	-	-	-	-	-	-	-
7	Adjusted Base Revenue	$	4,578,269	4,648,984	4,957,371	5,239,235	5,509,938	5,715,440	5,928,578	6,149,634	6,378,902	6,616,685	6,863,298
8	Proposed Water Rate Increase		0.0%	5.0%	4.5%	4.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
9	Additional Rate Revenue From Rate Increase	$	-	232,449	223,082	209,569	192,848	200,040	207,500	215,237	223,262	231,584	240,215
10	**Total Water Fixed Revenue**	**$**	**4,578,269**	**4,881,433**	**5,180,453**	**5,448,804**	**5,702,786**	**5,915,480**	**6,136,078**	**6,364,871**	**6,602,163**	**6,848,269**	**7,103,514**
11	**Revenue Generated From Usage Rates**												
12	Base Rate Revenue	$	7,337,793	7,337,793	7,784,570	8,224,250	8,615,671	8,985,706	9,288,220	9,600,872	9,923,999	10,257,952	10,603,091
13	Additional Rate Revenue From Partial Py Rate Increase	$	-	-	-	-	-	-	-	-	-	-	-
14	Additional Rate Revenue From Growth	$	-	113,338	121,101	93,320	96,664	19,939	20,565	21,210	21,876	22,562	23,270
15	Other Revenue Adjustments (Casino Beach District)	$	-	-	-	-	-	-	-	-	-	-	-
16	Base Rate Revenue	$	7,337,793	7,451,132	7,905,671	8,317,569	8,712,335	9,005,646	9,308,786	9,622,082	9,945,875	10,280,514	10,626,361
17	Proposed Water Rate Increase		0.0%	5.0%	4.5%	4.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
18	Additional Rate Revenue From Rate Increase	$	-	372,557	355,755	332,703	304,932	315,198	325,807	336,773	348,106	359,818	371,923
19	Price Elasticity Adjustment	$	-	(39,118)	(37,176)	(34,601)	(31,560)	(32,623)	(33,721)	(34,856)	(36,029)	(37,241)	(38,494)
20	**Total Water Usage Rate Revenue**	**$**	**7,337,793**	**7,784,570**	**8,224,250**	**8,615,671**	**8,985,706**	**9,288,220**	**9,600,872**	**9,923,999**	**10,257,952**	**10,603,091**	**10,959,790**
21	**Total Rate Revenue**	**$**	**11,916,062**	**12,666,003**	**13,404,703**	**14,064,475**	**14,688,492**	**15,203,701**	**15,736,950**	**16,288,871**	**16,860,115**	**17,451,360**	**18,063,304**
22	Plus: Other Operating Revenue	$	116,305	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000	180,000
23	**Equals: Total Operating Revenue**	**$**	**12,032,367**	**12,846,003**	**13,584,703**	**14,244,475**	**14,868,492**	**15,383,701**	**15,916,950**	**16,468,871**	**17,040,115**	**17,631,360**	**18,243,304**
24	**Less: Operating Expenses**												
25	Personal Services	$	(2,512,912)	(2,771,632)	(2,896,245)	(3,027,868)	(3,166,972)	(3,314,061)	(3,469,678)	(3,634,405)	(3,808,868)	(3,993,739)	(4,189,742)
26	O&M	$	(3,763,822)	(4,901,989)	(5,023,447)	(5,148,110)	(5,276,628)	(5,408,385)	(5,544,975)	(5,686,608)	(5,833,506)	(5,985,900)	(6,144,035)
27	**Equals: Net Operating Income**	**$**	**5,755,633**	**5,172,382**	**5,665,011**	**6,068,498**	**6,424,892**	**6,661,254**	**6,902,297**	**7,147,857**	**7,397,741**	**7,651,721**	**7,909,526**
28	**Plus: Non-Operating Income/(Expense)**												
29	Non-Operating Revenue	$	(3,007)	-	-	-	-	-	-	-	-	-	-
30	Interest Income	$	40,199	64,645	75,325	57,810	45,607	63,588	103,305	123,325	128,334	134,157	143,355
31	Water Impact Fees	$	231,294	1,127,280	1,152,900	854,000	854,000	170,800	170,800	170,800	170,800	170,800	170,800
32	Transfer to R&R	$	4,505,291	4,045,900	5,188,448	7,426,855	1,793,205	2,799,315	1,106,100	2,702,800	3,031,950	3,045,000	3,122,500
33	Transfers In (Casino Reimbursements)	$	-	-	-	-	500,000	500,000	500,000	500,000	500,000	500,000	500,000
34	**Equals: Net Income**	**$**	**10,529,410**	**10,410,207**	**12,081,684**	**14,407,163**	**9,617,704**	**10,194,958**	**8,782,501**	**10,644,781**	**11,228,825**	**11,501,677**	**11,846,181**
35	**Less: Revenues Excluded From Coverage Test**												
36	Impact Fees	$	(231,294)	(1,127,280)	(1,152,900)	(854,000)	(854,000)	(170,800)	(170,800)	(170,800)	(170,800)	(170,800)	(170,800)
37	Betterment Fees, SRF, Capital Fund Contributions, R&R	$	(4,505,291)	(4,045,900)	(5,188,448)	(7,426,855)	(1,793,205)	(2,799,315)	(1,106,100)	(2,702,800)	(3,031,950)	(3,045,000)	(3,122,500)
38	Transfers In	$	-	-	-	-	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)
39	**Equals: Net Income Available For Debt Service**	**$**	**5,792,825**	**5,237,027**	**5,740,337**	**6,126,308**	**6,470,499**	**6,724,843**	**7,005,601**	**7,271,181**	**7,526,075**	**7,785,877**	**8,052,881**

Forecast of Net Revenues and Debt Service Coverage

			FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
40	**Debt Service Coverage Test**												
41	Existing Debt Service		$ 2,289,484	2,292,073	2,290,956	2,293,700	2,295,171	2,295,369	2,299,294	2,301,812	2,300,423	2,302,694	2,305,991
42	**Total Conventional Debt Service**		**$ 2,289,484**	**2,292,073**	**2,290,956**	**2,293,700**	**2,295,171**	**2,295,369**	**2,299,294**	**2,301,812**	**2,300,423**	**2,302,694**	**2,305,991**
43	Calculated Debt Service Coverage	**Min. Req. 1.2**	2.53	2.28	2.51	2.67	2.82	2.93	3.05	3.16	3.27	3.38	3.49
44	**SRF Debt Service Coverage**												
45	Existing SRF Debt Service		$ 465,385	465,385	465,385	465,385	465,385	465,385	465,385	465,385	465,385	465,385	465,385
46	Existing SRF Debt Service		$ -	-	-	135,740	276,340	421,895	567,450	713,005	713,005	713,005	713,005
47	**Total SRF Debt Service**		**$ 465,385**	**465,385**	**465,385**	**601,126**	**741,725**	**887,280**	**1,032,836**	**1,178,391**	**1,178,391**	**1,178,391**	**1,178,391**
48	Calculated SRF Debt Service Coverage	**Min. Req. 1.15**	6.54	5.34	6.43	5.61	5.01	4.47	4.11	3.83	4.04	4.26	4.49
49	**Cash Flow Test**												
50	Net Income Available For Debt Service		$ 5,792,825	5,237,027	5,740,337	6,126,308	6,470,499	6,724,843	7,005,601	7,271,181	7,526,075	7,785,877	8,052,881
51	Net Interfund Transfers (In - Out)		$ (5,535,855)	(5,008,489)	(6,216,128)	(8,513,631)	(2,432,763)	(3,488,794)	(1,836,796)	(3,476,156)	(3,849,460)	(3,908,209)	(4,033,009)
52	Debt Service Payments		$ (2,754,869)	(2,757,458)	(2,756,341)	(2,894,826)	(3,036,896)	(3,182,649)	(3,332,130)	(3,480,203)	(3,478,814)	(3,481,085)	(3,484,382)
53	Other Below The Line Expenses		$ -	-	-	-	-	-	-	-	-	-	-
54	Minor Capital Outlay		$ (6,473)	(5,000)	(5,125)	(5,253)	(5,384)	(5,519)	(5,657)	(5,798)	(5,943)	(6,092)	(6,244)
55	Renewal & Replacement Transfer		$ -	-	-	-	-	-	-	-	-	-	-
56	**Net Cash Flow**		**$ (2,504,372)**	**(2,533,921)**	**(3,237,257)**	**(5,287,402)**	**995,455**	**47,880**	**1,831,018**	**309,024**	**191,858**	**390,491**	**529,246**
57	**Unrestricted Working Capital Reserve Fund**												
58	Balance At Beginning Of Fiscal Year		$ 15,468,692	12,964,319	10,430,399	7,193,141	1,905,740	2,901,195	2,949,075	4,780,094	5,089,118	5,280,976	5,671,467
59	Cash Flow Surplus/(Deficit)		$ -	-	-	(1,181,845)	995,455	47,880	1,831,018	309,024	191,858	390,491	529,246
60	Reserve Fund Balance Used For Cash Flow Deficit		$ (2,504,372)	(2,533,921)	(3,237,257)	(4,105,557)	-	-	-	-	-	-	-
61	Projects Designated To Be Paid With Cash		$ -	-	-	-	-	-	-	-	-	-	-
62	Projects Paid With Reserve Funds (Non Specified Funds)		$ -	-	-	-	-	-	-	-	-	-	-
63	**Balance At End Of Fiscal Year**		**$ 12,964,319**	**10,430,399**	**7,193,141**	**1,905,740**	**2,901,195**	**2,949,075**	**4,780,094**	**5,089,118**	**5,280,976**	**5,671,467**	**6,200,713**
64	Number of Months of Unrestricted Reserves	**Target: 4.0**	21.29	14.49	9.65	2.47	3.63	3.57	5.60	5.76	5.78	6.00	6.34

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Capital Project Funding Summary

FINAL CAPITAL PROJECTS FUNDING SOURCES	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Water Impact Fees	$ -	-	-	-	26,925	138,000	-	-	-	-	-
Grant Fund	$ -	-	-	-	-	-	-	-	-	-	-
Renewal & Replacement	$ 3,755,291	4,045,900	5,188,448	7,426,855	1,766,280	2,688,240	1,244,100	2,702,800	3,031,950	3,045,000	3,122,500
Capital Improvement Fund	$ -	-	-	-	-	-	-	-	-	-	-
Revenue Fund	$ -	-	-	-	-	-	-	-	-	-	-
SRF Proceeds	$ -	-	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	-	-	-	-
Debt Proceeds	$ -	-	-	-	-	-	-	-	-	-	-
Projects Designated To Be Paid With Cash	$ -	-	-	-	-	-	-	-	-	-	-
TOTAL PROJECTS PAID	**$ 3,755,291**	**4,045,900**	**8,384,448**	**10,622,855**	**4,989,205**	**6,022,240**	**4,440,100**	**2,702,800**	**3,031,950**	**3,045,000**	**3,122,500**
TOTAL CIP INPUT	**$ 3,755,291**	**4,045,900**	**8,384,448**	**10,622,855**	**4,989,205**	**6,022,240**	**4,440,100**	**2,702,800**	**3,031,950**	**3,045,000**	**3,122,500**
VARIANCE	$ -	-	-	-	-	-	-	-	-	-	-

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Funding Summary by Fund

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Water Impact Fees												
Balance At Beginning Of Fiscal Year	$	-	231,583	1,362,839	2,530,284	3,413,857	4,288,774	4,386,152	4,646,383	4,911,818	5,182,563	5,458,722
Additional Annual Revenues	$	231,294	1,127,280	1,152,900	854,000	854,000	170,800	170,800	170,800	170,800	170,800	170,800
Less: Payment Of Debt Service	$	-	-	-	-	-	-	-	-	-	-	-
Subtotal	$	231,294	1,358,863	2,515,739	3,384,284	4,267,857	4,459,574	4,556,952	4,817,183	5,082,618	5,353,363	5,629,522
Less: Restricted Funds	$	-	-	-	-	-	-	-	-	-	-	-
Total Amount Available For Projects	$	231,294	1,358,863	2,515,739	3,384,284	4,267,857	4,459,574	4,556,952	4,817,183	5,082,618	5,353,363	5,629,522
Amount Paid For Projects	$	-	-	-	-	(26,925)	(138,000)	-	-	-	-	-
Subtotal	$	231,294	1,358,863	2,515,739	3,384,284	4,240,932	4,321,574	4,556,952	4,817,183	5,082,618	5,353,363	5,629,522
Add Back: Restricted Funds	$	-	-	-	-	-	-	-	-	-	-	-
Plus: Interest Earnings	$	289	3,976	14,545	29,573	47,842	64,578	89,431	94,636	99,944	105,359	110,882
Less: Interest Allocated To Cash Flow	$	-	-	-	-	-	-	-	-	-	-	-
Balance At End Of Fiscal Year	$	231,583	1,362,839	2,530,284	3,413,857	4,288,774	4,386,152	4,646,383	4,911,818	5,182,563	5,458,722	5,740,405
Renewal & Replacement												
Balance At Beginning Of Fiscal Year	$	250,000	1,000,000	1,000,000	1,000,000	1,000,000	1,026,925	1,138,000	1,000,000	1,000,000	1,000,000	1,000,000
Additional Annual Revenues	$	4,505,291	4,045,900	5,188,448	7,426,855	1,793,205	2,799,315	1,106,100	2,702,800	3,031,950	3,045,000	3,122,500
Less: Payment Of Debt Service	$	-	-	-	-	-	-	-	-	-	-	-
Subtotal	$	4,755,291	5,045,900	6,188,448	8,426,855	2,793,205	3,826,240	2,244,100	3,702,800	4,031,950	4,045,000	4,122,500
Less: Restricted Funds	$	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)
Total Amount Available For Projects	$	3,755,291	4,045,900	5,188,448	7,426,855	1,793,205	2,826,240	1,244,100	2,702,800	3,031,950	3,045,000	3,122,500
Amount Paid For Projects	$	(3,755,291)	(4,045,900)	(5,188,448)	(7,426,855)	(1,766,280)	(2,688,240)	(1,244,100)	(2,702,800)	(3,031,950)	(3,045,000)	(3,122,500)
Subtotal	$	-	-	-	-	26,925	138,000	-	-	-	-	-
Add Back: Restricted Funds	$	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Plus: Interest Earnings	$	1,563	5,000	7,500	10,000	12,668	16,237	21,380	20,000	20,000	20,000	20,000
Less: Interest Allocated To Cash Flow	$	(1,563)	(5,000)	(7,500)	(10,000)	(12,668)	(16,237)	(21,380)	(20,000)	(20,000)	(20,000)	(20,000)
Balance At End Of Fiscal Year	$	1,000,000	1,000,000	1,000,000	1,000,000	1,026,925	1,138,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Revenue Fund												
Balance At Beginning Of Fiscal Year	$	15,468,692	12,964,319	10,430,399	7,193,141	1,905,740	2,901,195	2,949,075	4,780,094	5,089,118	5,280,976	5,671,467
Additional Annual Revenues	$	(2,504,372)	(2,533,921)	(3,237,257)	(5,287,402)	995,455	47,880	1,831,018	309,024	191,858	390,491	529,246
Less: Cash-Funded Capital Projects	$	-	-	-	-	-	-	-	-	-	-	-
Less: Payment Of Debt Service	$	-	-	-	-	-	-	-	-	-	-	-
Subtotal	$	12,964,319	10,430,399	7,193,141	1,905,740	2,901,195	2,949,075	4,780,094	5,089,118	5,280,976	5,671,467	6,200,713
Less: Restricted Funds	$	(2,435,766)	(2,878,737)	(2,982,457)	(1,905,740)	(2,901,195)	(2,949,075)	(3,415,117)	(3,531,457)	(3,653,294)	(3,780,949)	(3,914,762)
Total Amount Available For Projects	$	10,528,554	7,551,662	4,210,684	-	-	-	1,364,977	1,557,661	1,627,682	1,890,518	2,285,951
Amount Paid For Projects	$	-	-	-	-	-	-	-	-	-	-	-
Subtotal	$	10,528,554	7,551,662	4,210,684	-	-	-	1,364,977	1,557,661	1,627,682	1,890,518	2,285,951
Add Back: Restricted Funds	$	2,435,766	2,878,737	2,982,457	1,905,740	2,901,195	2,949,075	3,415,117	3,531,457	3,653,294	3,780,949	3,914,762
Plus: Interest Earnings	$	35,541	58,487	66,088	45,494	30,043	43,877	77,292	98,692	103,701	109,524	118,722
Less: Interest Allocated To Cash Flow	$	(35,541)	(58,487)	(66,088)	(45,494)	(30,043)	(43,877)	(77,292)	(98,692)	(103,701)	(109,524)	(118,722)
Balance At End Of Fiscal Year	$	12,964,319	10,430,399	7,193,141	1,905,740	2,901,195	2,949,075	4,780,094	5,089,118	5,280,976	5,671,467	6,200,713

Funding Summary by Fund

		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Restricted Reserves												
Balance At Beginning Of Fiscal Year	$	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627
Additional Funds:	$	-	-	-	-	-	-	-	-	-	-	-
Debt Service Reserve On New Debt	$	-	-	-	-	-	-	-	-	-	-	-
Other Additional Funds	$	-	-	-	-	-	-	-	-	-	-	-
Subtotal	$	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627
Plus: Interest Earnings	$	579	1,158	1,737	2,316	2,895	3,474	4,633	4,633	4,633	4,633	4,633
Less: Interest Allocated To Cash Flow	$	(579)	(1,158)	(1,737)	(2,316)	(2,895)	(3,474)	(4,633)	(4,633)	(4,633)	(4,633)	(4,633)
Balance At End Of Fiscal Year	$	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627	231,627

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SRF Borrowing Projections

			FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Term (Years)			30	30	30	30	30	30	30	30	30	30	30
Interest Rate			1.00%	1.25%	1.50%	1.75%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Sources of Funds													
Par Amount		$	-	-	3,259,920	3,259,920	3,259,920	3,259,920	3,259,920	-	-	-	-
Interest During Construction		$	-	-	-	-	-	-	-	-	-	-	-
Total Sources		$	-	-	3,259,920	3,259,920	3,259,920	3,259,920	3,259,920	-	-	-	-
Uses of Funds													
Proceeds		$	-	-	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	-	-	-	-
Cost of Issuance	0.00% of Par	$	-	-	-	-	-	-	-	-	-	-	-
Loan Repayment Res.	0.00% of Capital Cost	$	-	-	-	-	-	-	-	-	-	-	-
Loan Service Fee	2.00% of Capital Cost	$	-	-	63,920	63,920	63,920	63,920	63,920	-	-	-	-
Capitalized Interest	0 Years Interest	$	-	-	-	-	-	-	-	-	-	-	-
Debt Service Reserve	0 Years of Debt Service	$	-	-	-	-	-	-	-	-	-	-	-
Other Costs		$	-	-	-	-	-	-	-	-	-	-	-
Total Uses		$	-	-	3,259,920	3,259,920	3,259,920	3,259,920	3,259,920	-	-	-	-
1 Year Interest		$	-	-	48,899	57,049	65,198	65,198	65,198	-	-	-	-
Annual Debt Service		**$**	**-**	**-**	**135,740**	**140,600**	**145,555**	**145,555**	**145,555**	**-**	**-**	**-**	**-**
Total Debt Service		$	-	-	4,072,213	4,217,987	4,366,655	4,366,655	4,366,655	-	-	-	-
Interest During Construction Calculation													
	Beginning Construction Fund Balance	$	-	-	3,259,920	3,259,920	3,259,920	3,259,920	3,259,920	-	-	-	-
	Less: Use of Proceeds	$	-	-	(3,259,920)	(3,259,920)	(3,259,920)	(3,259,920)	(3,259,920)	-	-	-	-
	Ending Fund Balance	$	-	-	-	-	-	-	-	-	-	-	-
	Average Balance	$	-	-	1,629,960	1,629,960	1,629,960	1,629,960	1,629,960	-	-	-	-
Interest Earnings Rate	0.25%												
Term of Average Balance	0 Months	$	-	-	-	-	-	-	-	-	-	-	-
Proceeds from Capital Funding													
Cumulative New Annual Debt Service		**$**	**-**	**-**	**135,740**	**276,340**	**421,895**	**567,450**	**713,005**	**713,005**	**713,005**	**713,005**	**713,005**

Burton & Associates

RESOLUTION NO. 21-2015 OF THE CITY OF LAKE WORTH, FLORIDA, RELATING TO THE STATE REVOLVING FUND (SRF) LOAN PROGRAM; MAKING FINDINGS; AUTHORIZING THE SRF REQUEST FOR INCLUSION, AUTHORIZING THE LOAN APPLICATION; AUTHORIZING EXECUTION OF THE LOAN AGREEMENT; AUTHORIZING STAFF TO PROCEED WITH THE PROJECT; ESTABLISHING PLEDGED REVENUES; DESIGNATING AUTHORIZED REPRESENTATIVES; PROVIDING LEGAL AUTHORITY; PROVIDING FOR CONFLICTS, SEVERABILITY, AND EFFECTIVE DATE.

WHEREAS, Florida Statutes, Chapter 403, provides for the Florida Department of Environmental Protection (FDEP) to make loans to local government agencies to finance the construction of public water systems, including water distribution facilities, of which the planning and design have been reviewed by FDEP; and

WHEREAS, the Florida Administrative Code requires official authorization to apply for loans; to establish pledged revenues; to designate an authorized representative; to provide assurances of compliance with loan program requirements; and, to enter into a loan agreement; and

WHEREAS, the City of Lake Worth has approved a capital project for FY 2015-2019 to replace 2 inch steel water lines throughout the water distribution system within the City over a six year time period (the “Project”); and

WHEREAS, the City of Lake Worth intends to submit a SRF Loan Request for Inclusion; submit a loan application; and, enter into a loan agreement with the FDEP under the State Revolving Fund for financing the Project; and

WHEREAS, the City of Lake Worth has determined submitting a SRF Loan Request for Inclusion; submitting a loan application; and, entering into a loan agreement with FDEP under the State Revolving Fund for financing the Project serves a valid public purpose and is in the best interests of the health, safety and welfare of the City.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF LAKE WORTH, FLORIDA, AS FOLLOWS:

Section 1. The foregoing findings are incorporated herein by reference as true statements and made a part hereof.

Section 2. The City of Lake Worth is authorized to apply for financial assistance to finance the Project.

Section 3. The City of Lake Worth is authorized to submit a SRF loan Request for Inclusion; apply for a SRF loan to finance the Project; approve and execute a loan agreement with the FDEP; and, proceed with the Project.

Section 4. The revenues pledged for the repayment of the loan are *net water utility system revenues* after payment of debt service on the City’s Bank of America Public Capital loan and two existing SRF Loans for the Reverse Osmosis Plant.

Section 5. The City Manager is designated as the authorized representative to provide the assurances and commitments required by the loan application.

Section 6. The Mayor is designated as the authorized representative to execute the loan agreement which will become a binding obligation in accordance with its terms when signed by the Mayor and FDEP. The Mayor is authorized to represent the City in carrying out the City's responsibilities under the loan agreement. The Mayor is authorized to delegate responsibility to appropriate City staff to carry out technical, financial, and administrative activities associated with the loan agreement.

Section 7. The legal authority for borrowing moneys to construct this Project is the Florida Constitution, Part II of Chapter 166, Florida Statutes and other applicable provisions of state and local law.

Section 8. All resolutions or part of resolutions in conflict with any of the provisions of this Resolution are hereby repealed.

Section 9. If any section or portion of a section of this Resolution proves to be invalid, unlawful, or unconstitutional, it shall not be held to invalidate or impair the validity, force, or effect of any other section or part of this Resolution.

Section 10. This Resolution shall become effective immediately upon its passage and adoption.

The passage of this Resolution was moved by Commissioner _____, seconded by Commissioner _____, and upon being put to a vote, the vote was as follows:

Mayor Pam Triolo
Vice Mayor Scott Maxwell
Commissioner Christopher McVoy
Commissioner Andy Amoroso
Commissioner Ryan Maier

The Mayor thereupon declared this Resolution duly passed and adopted on this 5th day of May, 2015.

LAKE WORTH CITY COMMISSION

By:_____
Pam Triolo, Mayor

ATTEST:

_____
Pamela J. Lopez, City Clerk

Capital Improvement Program (CIP)
Project Request Form

(For Projects / Items Costing Over $25,000)

Project Title:	**2 Inch Watermain Replacement**				**Category Criteria**	**Improvement/Replacemen**
Responsible Department:	**Utilities**				**Division:**	**Water Distribution**
Project Manager:	**Larry Johnson**				**Project Location:**	**Alleys, Easements, Roads**
Project Identification Number:	**UT-WT-XXXX**				**Programmed:**	**Yes**
Project Type / Duration:	( ) New	(X) Existing	( ) 1-Year	(x) Multi-Yr	**Project Priority:**	**3 of 5**

BUDGETED EXPENDITURE SCHEDULE

Project Elements:	PYs as of 9/30/2014	FY 2015 Budgeted	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
Pre-Construction (i.e. Survey)								-
Design / Plans / Engineering		373,200	564,560	564,560	564,560	564,560	564,560	3,196,000
Land Acquisition								-
Permits								-
Construction		442,800	2,631,440	2,631,440	2,631,440	2,631,440	2,631,440	13,600,000
Inspection / Testing				-	-	-	-	-
Furniture / Fixtures / Equipment								-
Contingency / Miscellaneous				-	-	-	-	-
Other / Indirect								-
Total Expenditures	$ -	$ 816,000	$ 3,196,000	$ 3,196,000	$ 3,196,000	$ 3,196,000	$ 3,196,000	$ 16,796,000

Project Description:

This project will be contracted out to replace all of the identified 2-inch galvanized water mains primarily located in the easements and alleys behind the homes, in addition to some areas where the 2 inch galvanized steel watermains are in the roadway. The project will be carried out in six years, to be funded by City Funds of $816,000 for design and engineering, and SRF Revolving Loan for the remaining out-years of FY2016-2020. This project will replace the corroded steel lines with 4 inch PVC watermains. The mains located in alleys and roadways will be replaced there, while the mains located in easements will be relocated to the roadway in front of the properties.

Project Need / Justification / Benefits:

The 2013 water distribution study recommended abandoning all 2-inch water mains in the alleys, easements and roadways, and install new 4-inch PVC water mains, improving the water quality and pressure to the properties, as well as reducing the occurrence of watermain breaks, which will decrease the frequency of boil water notices, and reduce maintenance costs.

List of Equipment (to be Purchased) from Furniture / Fixtures / Equipment Above:

	-		-
	-		-
	-		-

Project Title: (Cont'd from page 1)	2 Inch Watermain Replacement

Revenue / Funding Schedule

#1) City Funding:	PYs as of 9/30/2014	FY 2015 Budgeted	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
General Fund - 001								-
Capital Improvement Fund - 301								-
Electric Fund - 401								-
Water Fund - 402	-	816,000	-	-	-	-	-	816,000
Local Sewer Fund - 403								-
Golf Course Fund - 404								-
Regional Sewer Fund - 405								-
Stormwater Fund - 408								-
Refuse Fund - 410								-
Information Tech. Fund - 510								-
Garage Fund - 530								-
Total City Funding:	-	816,000	-	-	-	-	-	$ 816,000

#2) Grant Funding:	PYs as of 9/30/2014	FY 2015 Budgeted	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
Federal Grants								-
State Grants								-
County Grants								-
Total Grant Funding:	-	-	-	-	-	-	-	$ -

#3) Other Outside Funding:	PYs as of 9/30/2014	FY 2015 Budgeted	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
SRF Revolving Loan / Debt			3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	15,980,000
Available Debt Proceeds			-	-	-	-	-	-
Financing Options								-
Total Other Outside Funding:	-	-	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	$ 15,980,000

#4) Revenue Enhancements:	PYs as of 9/30/2014	FY 2015 Budgeted	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
								-
								-
Total Revenue Enhancements:	-	-	-	-	-	-	-	$ -

Revenue Funding Summary:	PYs as of 9/30/2014	FY 2015 Budgeted	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY2016 - FY2020 Estimated Total
City Funding	-	816,000	-	-	-	-	-	816,000
Grant Funding	-	-	-	-	-	-	-	-
Other Outside Funding	-	-	3,196,000	3,196,000	3,196,000	3,196,000	3,196,000	15,980,000
Revenue Enhancements	-	-	-	-	-	-	-	-
Total Revenue Funding:	$ -	$ 816,000	$ 3,196,000	$ 3,196,000	$ 3,196,000	$ 3,196,000	$ 3,196,000	$ 16,796,000

This section must be completed for all projects. **Please list future revenues and expenses of each project per year once fully operational.**

Net Operational Impact:

A. Revenues Generated:		B. Expenses Incurred:				Net Impact
A.1- Revenue #1	-	B.1- Personnel:	-	B.5- Utilities:	-	
A.2- Revenue #2	-	B.2- Debt Service Costs:	-	B.6- Materials/Supplies:	-	
A.3- Revenue #3	-	B.3- Contract Services:	-	B.7- Equipment:	-	
A.4- Revenue #4	-	B.4- Fixed Costs:	-	B.8- Miscellaneous:	-	
Revenue Totals (A.1 -to- A.4)	-	**Expense Totals (B.1 -to- B.8)**			-	$ -

Water Utilities 2-Inch Watermain Replacement Facilities Plan

City of Lake Worth
Water Utilities

April 2015

Prepared By:

MOCK • ROOS
CONSULTING ENGINEERS

PA# B4030.50

Table of Contents

Engineer's Statement ..... **i**
I. Introduction **1**
A. Purpose and Scope 1
II. Service Area **2**
III. Population Projections and Water Demand **6**
A. Population Projections 6
B. Water Demand 7
IV. Condition of the System **8**
A. Water Use Permit 8
B. Review of Water Use Permit Allocation Limits and Existing Usage 8
C. Water Distribution System 9
1. Watermains 10
2. Hydraulic Flow Analysis 10
3. Level of Service Concerns 11
4. Phasing 12
5. Managerial and Technical Capacity of the System Administration 12
6. Operation and Maintenance Program 13
7. Alternatives Considered 14
8. Cost Analysis 15
V. Funding **19**
A. Funding Sources 19
1. Capital Improvement Fund 19
2. Connection Charge 19
3. Capital Reserve Account 19
4. Bond Funds 19
5. Operating Account and Cash Reserves 20
6. Grant Funds 20
7. Interfund Loans 20
B. Project Funding 20
C. Financial Feasibility Study 20

List of Figures

Figure 1 Lake Worth Utilities Water Service Area 3
Figure 2 2-Inch Watermain Location Map 4
Figure 3 Lake Worth Utilities 2-Inch Watermain Breaks..... 5
Figure 4 Historical and Projected Average Day Water Demand..... 7
Figure 5 2-Inch Diameter Watermain Replacement Phasing Plan 18

List of Tables

Table 1 Conceptual Engineer's Opinion of Probable Construction Cost for 4-Inch Watermain Replacement in Alley ……..……16
Table 2 Conceptual Engineer's Opinion of Probable Construction Cost for 4-Inch Watermain Replacement in Sidewalk……..……17
Table 3 2-Inch Watermain Replacement – All Phases Cost Opinion……22
Table 4 2-Inch Watermain Replacement – All Phases – Summary of Project Costs and Financial… 24

Appendices

Appendix A Lake Worth Utilities Water Distribution System Modeling Update – April 2013
Appendix B Lake Worth Utilities Water Distribution System Modeling – December 2005
Appendix C Financial Feasibility Analysis – February 2015

Engineer's Statement

I hereby state, as a Professional Engineer in the State of Florida, that the information in this *Water Utility Facilities Plan* was assembled under my direct responsible charge. Much of the information presented herein was furnished by others, including many of the recommended improvements and their associated costs. While the Engineer has made every reasonable attempt to determine that this information is accurate, there is no assurance made herein as to the information provided by others.

This Report is for the City of Lake Worth only and is not intended or represented to be suitable for any other use by others without specific verification or adaptation by the City of Lake Worth or Mock, Roos & Associates, Inc. Any use of the information provided in this Report will be at the user's sole risk and without liability or legal exposure to the City of Lake Worth or Mock, Roos & Associates, Inc.

Thomas A. Biggs, P.E.
Executive Vice President
Mock, Roos & Associates, Inc.

_____
(Engineer's Signature)

_____
(Date and Engineer's Seal)

(Reproductions are not valid unless signed, dated, and embossed with an Engineer's seal.)

I. Introduction

The City Utilities Department authorized Mock•Roos to prepare this Facilities Plan detailing the City's 2-inch Watermain Replacement Program to be utilized to assist the City in applying for a State Revolving Fund Loan as administered by the Florida Department of Environmental Protection Agency.

A. Purpose and Scope

This Facilities Plan addresses: (1) the condition of the water system (including recommendations for improvements and repairs); and, (2) the adequacy of the Capital Improvement Program. This is an engineering report and, as such, addresses these items from an engineering perspective.

The City's Water System ("System") includes: the raw water supply, the water treatment plant ("WTP"), water storage facilities, and the water distribution system.

The Water Distribution System consists of 157 miles of watermains ranging in size from 36-inch to 2-inch diameter. There are approximately 23 miles of 2-inch watermain. The 2-inch watermains are generally constructed of galvanized steel with internal and external corrosion resulting in poor water quality and reliability issues.

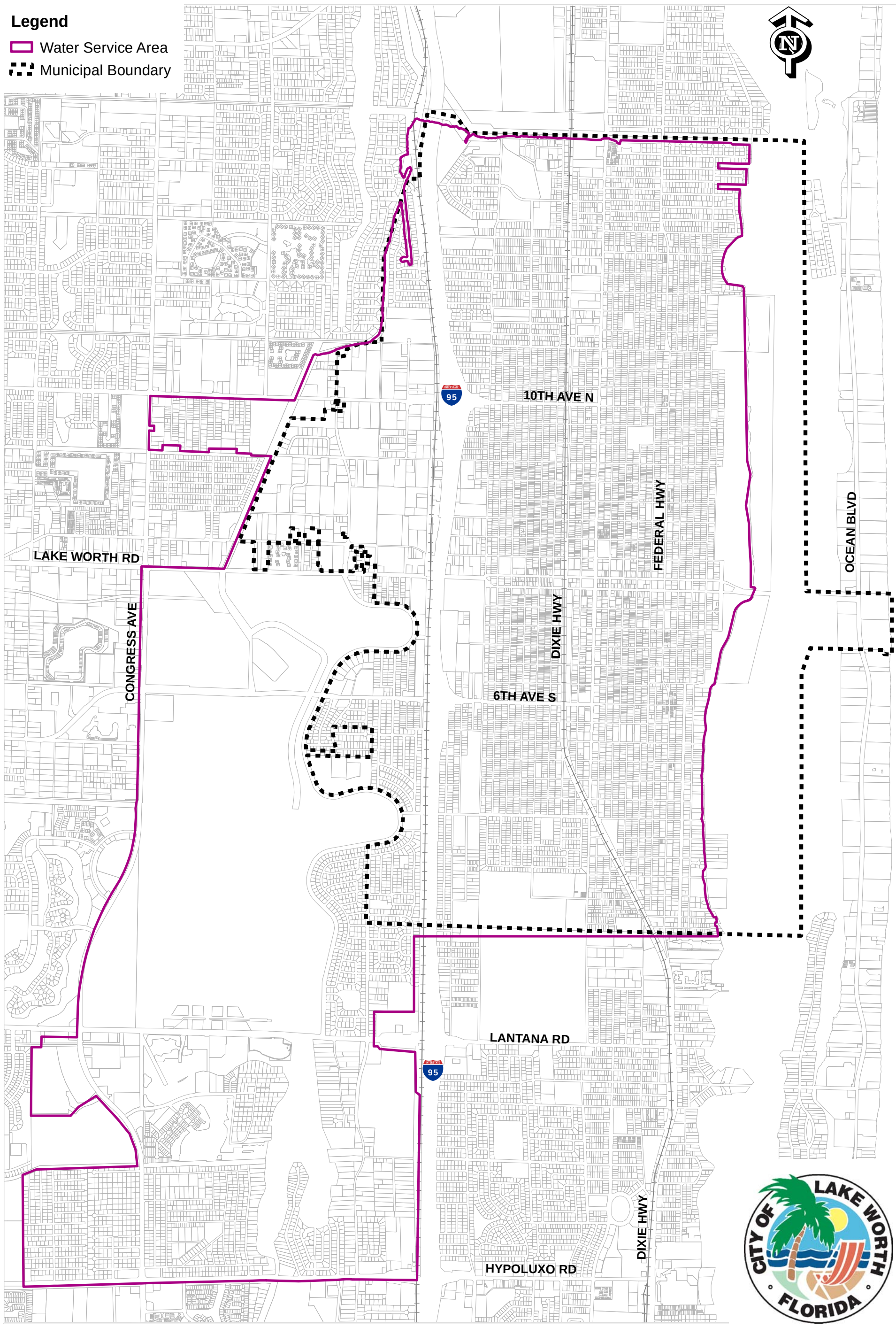
The City intends to replace the 2-inch watermains in a systematic manner to improve the level of service to its customers.

II. Service Area

Figure 1 is a map of the City's service area which confirms with Agreements with the neighboring municipal service area.

Figure 2 is a map depicting the locations of the 2-inch watermains within the City's service area. Note all of the 2-inch watermains exist within the municipal boundaries as well as the service area boundaries.

Figure 3 is a map depicting the number and approximate location of reported 2-inch watermain breaks occurring since 2011. Note that every year the reported number of breaks is increasing.



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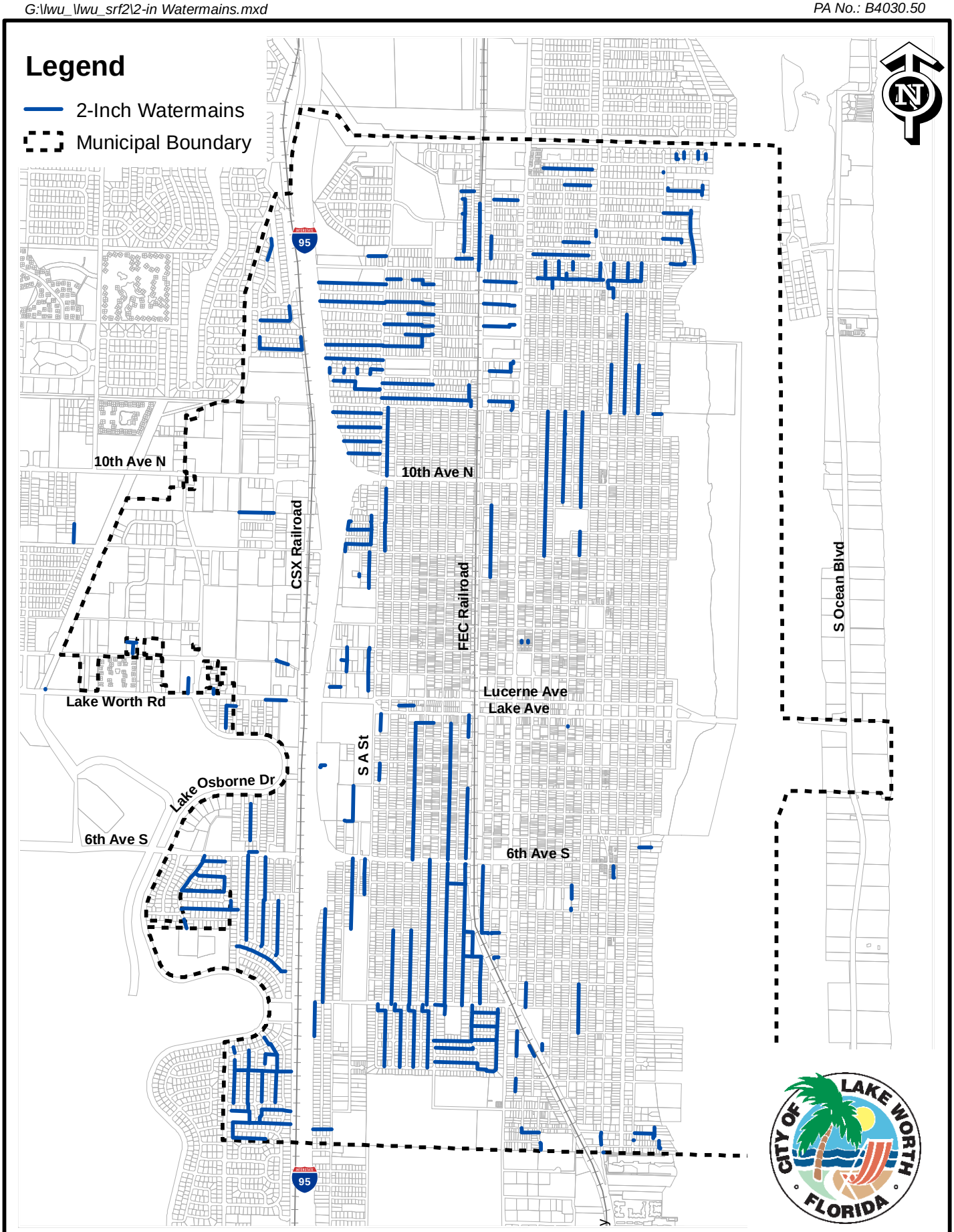
Lake Worth Utilities
Water Service Area

Figure 1



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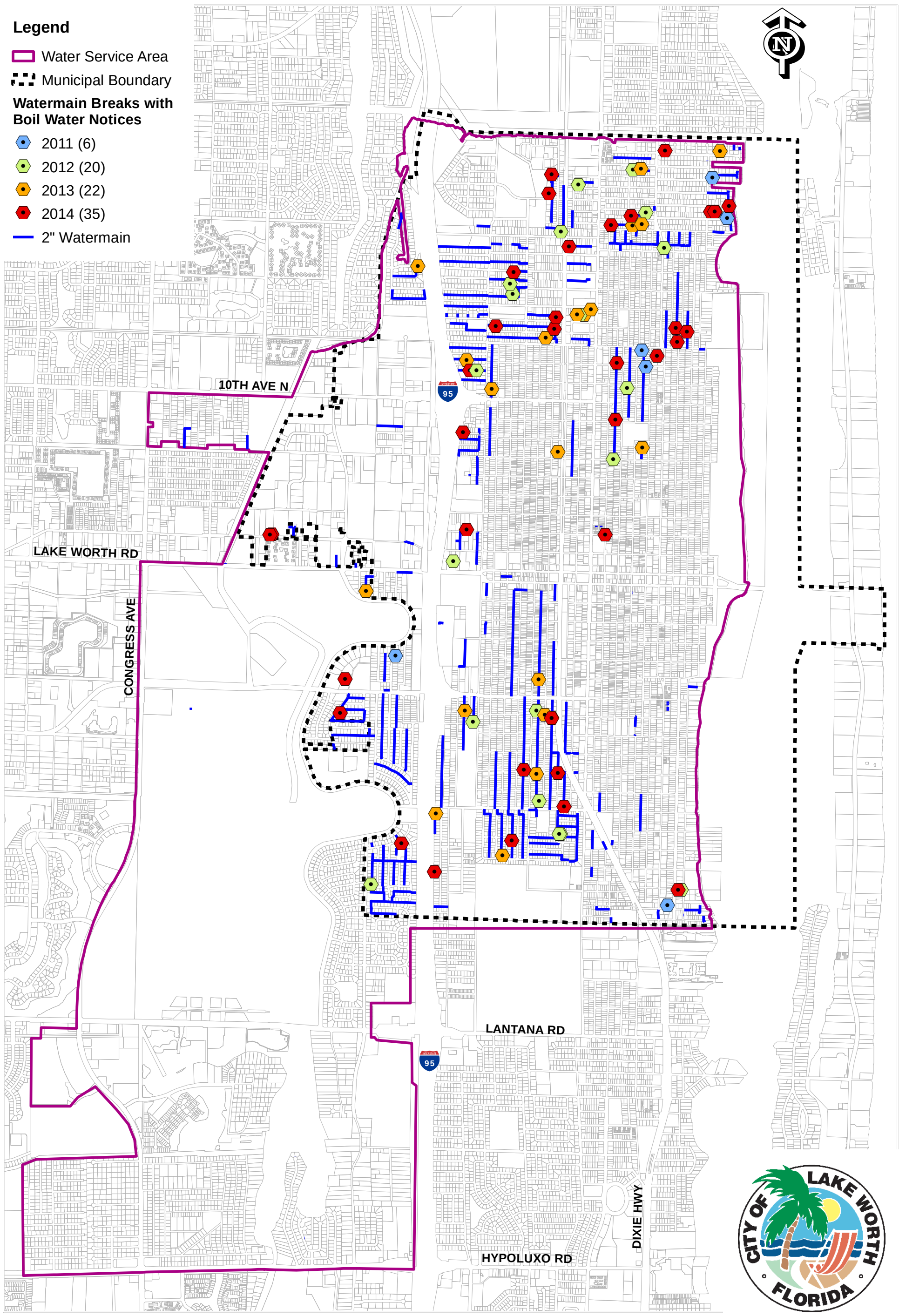
2-Inch Watermain Location Map

Figure 2



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Last Updated: November 2014

Lake Worth Utilities
2-Inch Watermain Breaks

Figure 3

III. Population Projections and Water Demand

A. Population Projections

The City of Lake Worth's 10 Year Water Supply Plan (2014) prepared by Mathews Consulting updated the population projection based on the most recent population projection data available from the Bureau of Economic and Business Research (BEBR) at the University of Florida. Each year, BEBR prepares the official population projections, in five-year intervals, for each Florida County. Since BEBR issues only a single countywide figure for each county, the Planning Division of the Palm Beach County (PBC) Planning Department annually allocates these figures to smaller geographies (TAZs) for localized planning efforts in the Population Allocation Model.

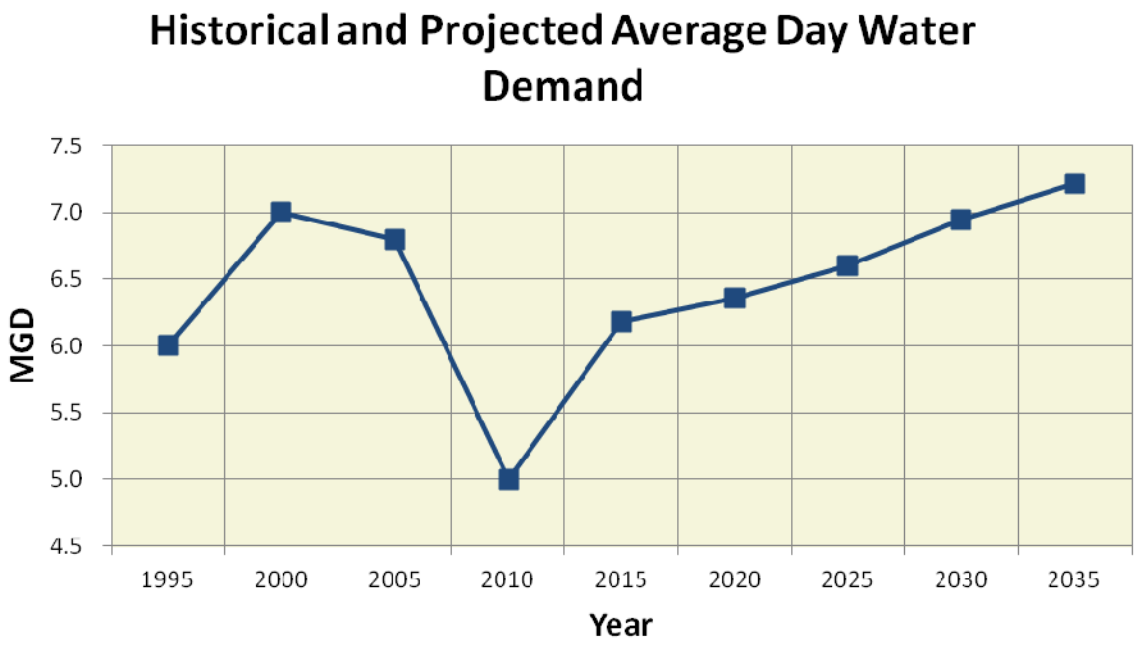
The population projections developed for the City of Lake Worth are based on the PBC Planning Departments' 2013 Population Allocation Model. The projected population for the City of Lake Worth water service area was estimated by overlaying a map of Lake Worth's service area onto PBC's GIS base map containing population segregated into TAZs. Population projections for the City were developed by assessing a percentage of service area located within each TAZ and summing the population projections of the individual TAZs within the overall service area. A summary of the final population projections are included in the table below.

Lake Worth Service Area Population Projections through 2035	
Year	Total
2012	46,812
2013	47,760
2015	48,303
2020	49,685
2025	51,568
2030	54,243
2035	56,399

B. Water Demand

Daily water demand is continuously monitored and recorded at the water treatment plant. Figure 4 is a chart of the past 20-year average day water demand and a projection of the next 20-years water demand. The year 2010 data point is skewed much lower than other historical data points due to the severe water restrictions that were placed on Lake Worth during the drought time frame. South Florida Water Management District imposed these water restrictions on Lake Worth from 2007 through 2012. The projected average day water demand is anticipated to gradually increase over the next 20-year period in line with the increase in population as shown below. The average day water demand for 2035 is projected to be 7.2 MGD. The existing water treatment plant has the capacity to meet the projected increased demand requirements through the 20-year planning period.

FIGURE 4



IV. Condition of the System

A. Water Use Permit

The City received a renewed SFWMD Water Use Permit ("WUP") for water withdrawals in November 2012. The permit was issued as a 20-year permit and expires October 29, 2032. The permit includes withdrawals from both the Floridan and Surficial Aquifers. The Floridan Aquifer source is being used to reduce withdrawal from the Surficial Aquifer, thus prolonging the potential life of the Surficial Aquifer, and reducing the potential for salt water intrusion. The goal of the two aquifer approach is to sustainably utilize the less expensive and renewable surficial aquifer when supply is plentiful and utilize the more expensive and non-renewable Floridan Aquifer to supplement the surficial aquifer when needed. In addition, the permit established a westerly surfical aquifer wellfield expansion schedule coupled with an easterly well retirement plan. The goal of this program is to reduce the potential for salt water intrusion.

B. Review of Water Use Permit Allocation Limits and Existing Usage

The water use permit limits the allocation from both the Floridan and surfical aquifers as follows:

- The total annual allocation shall not exceed 4,106 MG
- The maximum monthly allocation shall not exceed 356.5 MG

The permit further limits the withdrawals from each aquifer as follow:

Surfical Aquifer:

- Annual allocation = 1,916 MG
- Maximum month withdrawals = 180.0 MG
- Maximum month for dry season (December through May) = 152 MG
- Maximum month for wet season (June through November) = 168 MG
- Maximum month for dry season for wells 1 through 15 = 101 MG
- Maximum month for wet season for wells 1 through 15 = 112 MG

Floridan Aquifer:

- Annual allocation = 2,190 MG
- Maximum month withdrawals = 206.0 MG

The following is a comparison of the surfical aquifer pumpage to the withdrawal allocations for the surfical aquifer:

Surfical Aquifer Withdrawals for 2013

Description	Permit Limit (MG)	2013 Withdrawals (MG)
Annual Allocation	1,916	958
Maximum Month Dry Season - Wells 1-15	101	96.5
Maximum Month Wet Season - Wells 1-15	112	101.5

The following is a comparison of the 2012 and 2013 Floridan well pumpage to the withdrawal allocations for the Floridan aquifer:

Floridan Aquifer Withdrawals for 2012 and 2013

Description	Permit Limit (MG)	2012 Withdrawals (MG)	2013 Withdrawals (MG)
Annual Allocation	2,190	806.2	860.6
Maximum Month	206.0	80.0	85.4

While the withdrawals increased between 2012 and 2013, there is still plenty of allocation capacity remaining to increase production significantly through the 20-year permit period.

C. Water Distribution System

The City's water distribution system consists of water pipes of various sizes, ages, and conditions.

1. Watermains

The City has been in the process of replacing old galvanized watermains with new facilities, sized to meet updated system standards and requirements that improve the flow and pressure conditions of the system. The watermain improvement program includes efforts to parallel and/or loop all major mains.

The City has replaced approximately 10 miles of old and undersized (primarily 2-inch galvanized) pipe with 6-inch or larger C-900 PVC or ductile iron pipe, since the mid 1980s. However, over 23 miles of 2-inch pipe remains in the distribution system, located primarily in the areas indicated on the map shown as **Figure 2**. These remaining undersized watermains result in areas within the distribution system that experience periodic pressure and water quality difficulties. The City has developed a phased plan to replace the 2-inch watermains. Phase I of these improvements is schedule for FY 2015. The phasing program is discussed in more detail in the Phasing Program section below.

2. Hydraulic Flow Analysis

An updated model of the distribution system was completed in 2005 and the associated report (**See Appendix B**) identified a number of improvements and extensions to the system based on existing and future demands. The report and associated modeling found that while some areas of the City have ample flows for water use and fire protection, other areas were lacking. The report recommendations focused on two distinct areas of improvements: 1) looping 8-inch and larger watermains to provide an improved main backbone for the water distribution system, and 2) replacing undersized 2-inch and 4-inch watermains with larger watermains to improve flow, pressure, and fire protection in local neighborhood areas. A looped main backbone watermain system is critically important since it will provide more reliable water service, and it will provide higher fire flows during an emergency. Replacement of undersized watermains in the local neighborhood areas is also a much-needed improvement. Many pockets within the City do not meet the residential fire flow demand goal of 1000 gpm. The neighborhood improvements will improve fire flows and coverage by installing more fire hydrants as the larger watermain projects are constructed. The hydraulic model was updated in 2013 to add improvements constructed since the 2005 Report and evaluate priority areas for future improvements. The City is utilizing this information to formulate a comprehensive City infrastructure improvement master plan. See **Appendix A.**

3. Level of Service Concerns

The Water Department's goal is to supply a high quality water under adequate pressures to all of its customers. This goal is met with treated waters leaving the water treatment plant through the combined product waters of the lime softening process and the reverse osmosis process. The combined product waters represent one of the highest quality potable waters in the area. The product waters always maintain an adequate disinfection residual to protect the customers from potential health hazards. As the waters travel through the distribution system, the disinfection residual may gradually decline. This is particularly true for the older, smaller waterlines in the distribution system. Water Utility staff tries to maintain the disinfection residuals at adequate levels by flushing the problem watermains frequently to bring freshly treated water into these older watermains. Some of the 2-inch watermains need to be flushed twice a week to accomplish this goal. With the large extent of the 2-inch watermains remaining in the service area, this can amount to a significant staff effort. This flushing not only wastes water, but requires significant staff time to accomplish and often results in overtime charges to complete the desired flushing in a particular area.

The majority of the 2-inch watermains were installed 50 to 60 to 70 years ago and were typically constructed with galvanized iron pipe. This pipe material is subject to rust and deterioration due to the nature of the pipe material. As the deterioration continues through the years, the result is water leaks and watermain breaks. The frequency and number of breaks has been increasing in recent years due to the age of these pipelines and their continuing deterioration. Based on this, the conclusion may be drawn that the 2-inch watermains have reached or even exceeded their useful life.

Many of the 2-inch watermains that have been repaired or replaced had a reduced diameter due to calcium tuberculation. The observation is that the reduced diameter is often less than one inch. This deteriorated condition results in reduced pressures at the customer's homes to the extent that marginal shower pressure is available when several customers are using water from the same restricted watermain.

The many 2-inch watermain breaks experienced in recent years result in customers being out of water until the break is repaired. A watermain break also requires boil water notices be distributed to the affected customers and include the requirement to boil drinking water for two days or until the water is tested safe again. This is a significant inconvenience to customers and often interrupts their ongoing routines during the out of service duration.

In summation, many of the 2-inch watermains do not meet the level of service goal established by the Water Department. As such, the City has embarked on an aggressive and extensive 2-inch watermain replacement program.

4. Phasing

The 2-inch watermain replacement program has been divided into six phases with the goal of starting one phase in each of the next six fiscal years. The phases are generally described below and are shown on the color coded Figure 5.

- Phase 1 – Includes replacing the 2-inch watermains in the southeast quadrant of the water service area. Start date: Fiscal Year 2015.

- Phase 2 – Includes replacing the 2-inch watermains in the northeast quadrant of the water service area. Start date: Fiscal Year 2016.

- Phase 3 – Includes replacing the 2-inch watermains in the northwest quadrant of the water service area east of the I-95 corridor. Start date: Fiscal Year 2017.

- Phase 4 – Includes replacing the 2-inch watermains in the mid-southwest quadrant of the water service area east of the I-95 corridor. Start date: Fiscal Year 2018.

- Phase 5 – Includes replacing the 2-inch watermains in the extreme southwest quadrant of the water service area east of the I-95 corridor. Start date: Fiscal Year 2019.

- Phase 6 – Includes replacing the 2-inch watermains west of the I-95 corridor in the water service area. Start date: Fiscal Year 2020.

5. Managerial and Technical Capacity of the System Administration

The City of Lake Worth City Manager separated the Electric Utility Department and Water Utility Department in August 2013, to allow more management attention to be provided for each of the departments. The Water Utility Department Management and Technical staff currently comprises a Director, Utility Engineer, Water Treatment Plant Supervisor, Chief Operator and Water Distribution/Sewer Collection Supervisor. In addition, the Administration Division

includes an administrative assistant and new positions for a Capital Project Manager and accounting analyst.

The Water Utility Director and the Utility Engineer are both licensed professional engineers, with combined experience of over 20 years in Water Utilities.

The Water Treatment Plant Supervisor and Chief Operator are both Licensed A Plant Operators, with combined operations experience exceeding 40 years.

The Water Utility Department is supported by the City Administration, including City Manager, Finance Director, contracted City Attorney, City Clerk, and their respective support staff.

The Water Utility Department has always taken significant pride in maintaining well trained and highly motivated staff and operators that strive to provide a high quality water to their customers. The plant has been awarded the best operated plant in its size category for a number of past years and this emphasizes the employees' dedication to this task.

6. Operation and Maintenance Program

The Water Distribution/Sewer Collection crews are responsible for operation and maintenance (O&M) of the water distribution system. Due to the deteriorating condition of the 2-inch watermains as discussed previously, the crews spend a significant amount of time addressing problems with the existing 2-inch watermains. A review of the FY 2014 expenses related to the 2-inch galvanized steel watermain problems are as follows:

• 72 – 2-inch water line breaks, at approx. $3300 per break =	$237,600
• Increased overtime for field personnel to flush water lines	$25,000
• Water losses due to leaks =	$30,000
• Water losses due to flushing =	$30,000
Total O&M Expense	**$322,000**

Future O&M costs will be much lower once new watermains replace the deficient 2-inch piping. This will reduce leaks by at least 70% (likely more) and reduce flushing by at least 50-percent if not more. The flushing envisioned after the project will be only routine periodic flushing that will

be scheduled during the normal work day (will not require overtime). Projected O&M costs per year related to the replacement watermains for the 2-inch piping are shown below:

• 22 water line breaks @$3300	$72,600
(Considered to be other water distribution system piping that is not being replaced under this project.)	
• Increased overtime for field personnel to flush water lines	$0
• Water losses due to leaks	$9,000
• Water losses due to flushing	$15,000
Future O&M Expense	**$96,600**
Estimated Annual Savings	**$225,400**

The replacement of the deficient 2-inch watermains will not only enhance the level of service and water quality to the affected customers, but it will result in significant annual savings to the department O&M budget.

7. Alternatives Considered

The following alternatives were considered:

1. Do Nothing.

2. Replace the 2-inch watermains in their existing easement or alley location.

3. Replace the 2-inch watermains in the adjacent street location instead of their existing easement or alley location.

The following discussion is given for the alternatives:

1. **Do Nothing** – Based on past experience, the alternative will result in more watermain breaks, more lost water due to unknown leaks, a continually degrading water quality, and more flushing to maintain chlorine residuals. The level of service to these water customers will continue to decline including loss of pressure due to continuing tuberculation buildup in the pipelines and a continually degrading water quality as noted above. At some point the conditions may worsen to the point where chlorine residuals cannot be maintained at acceptable levels even

with frequent flushing. This condition would represent a potential health hazard to these water customers and as such, all measures must be taken to eliminate this potential health hazard. Based on this assessment, the "Do Nothing" alternative is not an acceptable alternative.

2. **Replace the 2-inch watermains in their existing easement or alley location**. This alternative has been used in a number of easement and alleys in the past. It has the disadvantage that most alleys in the service area are only 10-feet wide and some are restricted further making installation more difficult. Access to some easement locations is restricted due to existing fences or structures. This makes maintenance of the watermain and services more difficult.

3. R**eplace the 2-inch watermains in the adjacent street location instead of their existing easement or alley location**. This alternative has also been used in a number of past watermain replacement projects. It offers the advantage of easier access to the watermains and service locations. But it also had the disadvantage of increased costs. Such a project will likely require pavement replacement and or sidewalk replacement as well as the costs to relocate the customer's water service from the rear of the property to the front of the property. See cost comparison below.

8. Cost Analysis

A cost analysis was conducted to compare alternatives 2 and 3. These two alternatives were compared on a block by block basis. Costs are presented in the table below for the two alternatives.

Construction Cost Comparison for Watermain Construction in the Alleyways vs. Sidewalks

Alternative	Description	Cost per Block
2	Watermain Construction Alleyways	$61,000
3	Watermain Construction Under Sidewalks	$123,000

As can be seen from the above costs, locating the replacement watermain in the street or sidewalk location is twice as expensive as reconstruction the watermain in the existing easement or alley locations on a block by block comparison basis. The costs presented above are documented by the Conceptual Engineer's Opinion of Probable Construction Cost in Tables 1 and 2 that follows.

These costs were expanded to include the costs for the entire project as shown later in this report in the Funding Section.

Table 1
Conceptual Engineer's Opinion of Probable Construction Cost
for
4-Inch Watermain Replacement in Alley

	Description	Quantity	Unit	Unit Cost	Price
A. General					
1.	Mobilization, Demobilization & General Conditions @8%	1	LS		$ 5,000
2.	Bonds and Insurance @2%	1	LS		$ 1,100
3.	Maintenance of Traffic	1	LS		$ 1,500
4.	Video Taping of Existing Conditions	1	LS		$ 800
5.	Record Drawings	1	LS		$ 2,500
	Subtotal A				**$ 10,900**
B. Site Work and Utilities					
1.	4" PVC Watermain	440	LF	$ 25	$ 11,000
2.	4" Gate Valve	2	EA	$ 750	$ 1,500
3.	Connect to Existing Watermain	2	EA	$ 1,000	$ 2,000
4.	Disinfection & Sample Point Testing	2	EA	$ 1,000	$ 2,000
5.	Reconnect Water Service to Existing Meter Box	20	EA	$ 500	$ 10,000
6.	Abandon 2" Watermain (cap and grout in place)	1	LS		$ 1,500
7.	Asphalt Trench Patch - Roadway (2@15'x15')	50	SY	$ 50	$ 2,500
8.	6" Concrete Driveway Replacement (2@5'x20')	22	SY	$ 50	$ 1,100
9.	Gravel for Alley	1	LS		$ 5,000
10.	Conflict Allowance for Sanitary Sewer Laterals	1	LS		$ 2,500
11.	Conflict Allowance for Gas Main & Other Utilities	1	LS		$ 2,500
	Subtotal B				**$ 41,600**
	Total (A+B)				**$ 52,500**
	Contingency (15%)				$ 7,875
	Total Construction				$ 60,375
	Rounded Total Construction Cost Opinion				**$ 61,000**

Assumptions:

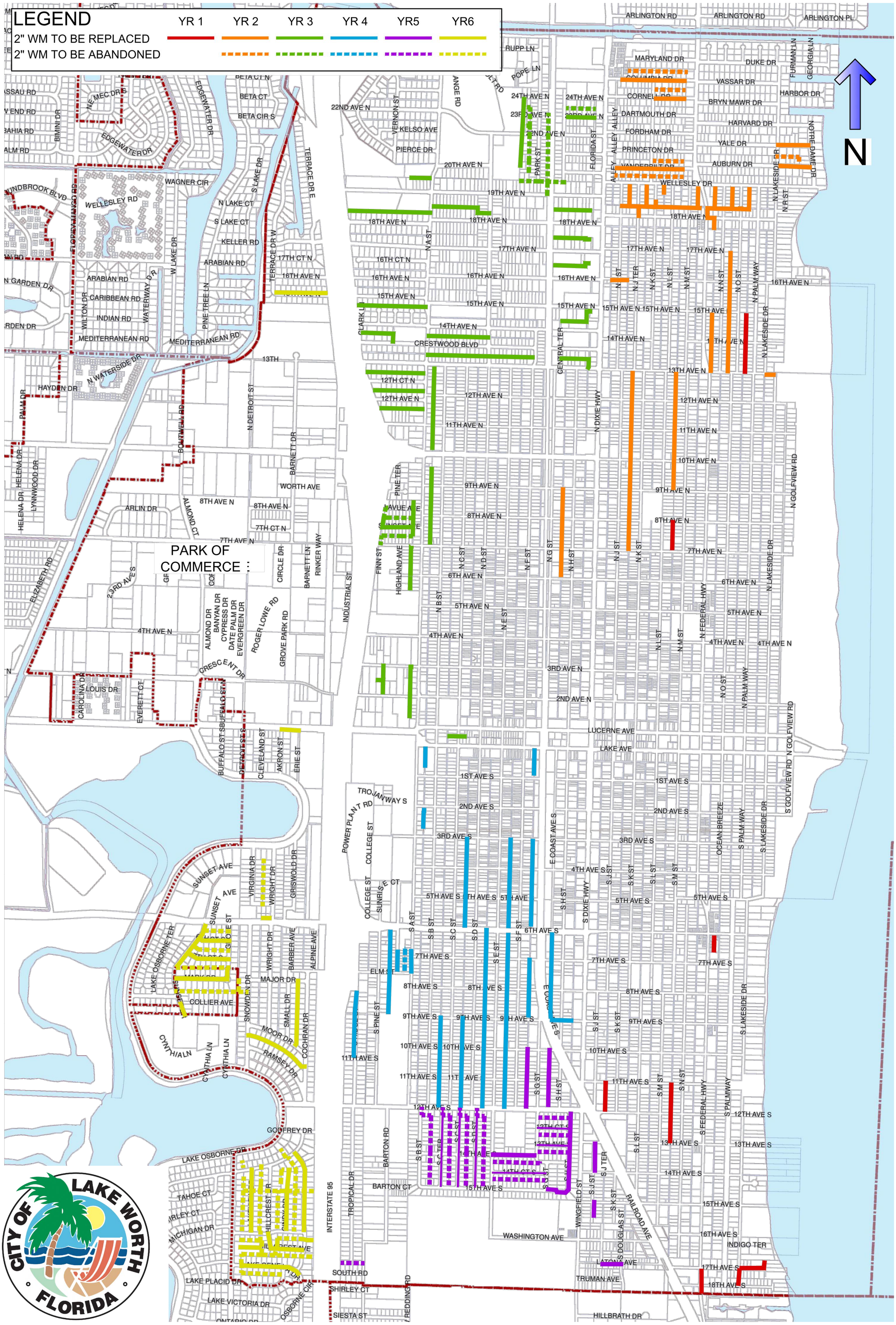
1. Consider one block of alley at 400-feet long and 10-feet wide.
2. Other Utilities exist in alley, sanitary sewer, gas, electric, telephone, etc.
3. Extensive utility conflicts will likely increase cost.
4. Connection to existing watermain in center of adjoining street.
5. Concrete driveway approach at each end of alley.
6. Alley is not paved. (Add $10,000 for asphalt paving.)
7. 10 water services on either side of alley for 20 total.
8. Utilize existing meter box and house service line.
9. Constructing multiple alleys in the same project would result in some savings.
10. Engineering Services are not included in the above cost opinion.

Table 2
Conceptual Engineer's Opinion of Probable Construction Cost
for
4-Inch Watermain Replacement in Sidewalk

Description		Quantity	Unit	Unit Cost		Price
A. General						
1.	Mobilization, Demobilization & General Conditions @8%	1	LS		$	9,000
2.	Bonds and Insurance @2%	1	LS		$	2,100
3.	Maintenance of Traffic	1	LS		$	2,500
4.	Video Taping of Existing Conditions	1	LS		$	800
5.	Record Drawings	1	LS		$	2,500
	Subtotal A				**$**	**16,900**
B. Site Work and Utilities						
1.	4" PVC Watermain	440	LF	$ 24	$	10,560
2.	4" Gate Valve	2	EA	$ 750	$	1,500
3.	Connect to Existing Watermain	2	EA	$ 1,000	$	2,000
4.	Disinfection & Sample Point Testing	2	EA	$ 1,000	$	2,000
5.	Reconnect Water Service to New Meter Box	10	EA	$ 500	$	5,000
6.	Reconnect Water Service with Bore under Street	10	EA	$ 1,500	$	15,000
7.	Relocate Water Service from Rear to Front of House	20	EA	$ 1,500	$	30,000
8.	Abandon 2" Watermain (cap and grout in place)	1	LS		$	1,500
9.	Asphalt Trench Patch - Roadway (2@15'x15')	50	SY	$ 50	$	2,500
10.	6" Concrete Driveway Replacement (10@5'x15')	84	SY	$ 50	$	4,200
11.	4" Concrete Sidewalk Replacement	140	SY	$ 40	$	5,600
12.	Landscape Restoration	1	LS		$	5,000
13.	Conflict Allowance for Sanitary Sewer Laterals	1	LS		$	2,500
14.	Conflict Allowance for Gas Main & Other Utilities	1	LS		$	2,500
	Subtotal B				**$**	**89,860**
	Total (A+B)				**$**	**106,760**
	Contingency (15%)				$	16,014
	Total Construction				$	122,774
	Rounded Total Construction Cost Opinion				**$**	**123,000**

Assumptions:

1. Consider one block at 400-feet long.
2. Other Utilities may exist in vicinity.
3. Extensive utility conflicts will likely increase cost.
4. Connection to existing watermain in center of adjoining street.
5. Concrete driveway approach at each house.
6. No curb or pavement in adjacent street is damaged.
7. 10 water services on either side of street for 20 total.
8. Relocate house service line from rear to front of house.
9. Engineering Services are not included in the above cost opinion.



MOCK • ROOS
ENGINEERS • SURVEYORS • PLANNERS

Lake Worth Utilities
2-Inch Diameter Watermain Replacement
Phasing Plan

Figure 5

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V. Funding

A. Funding Sources

As noted previously, Burton & Associates performed a Water & Sewer Revenue Sufficiency Analysis Update for FY 2013. Since this analysis included a detailed review of charges, revenues, and fund balances, this section of the report provides an overview only.

1. Capital Improvement Fund

The Renewal and Replacement Fund (R&R Fund), created by Resolution U-10-78, as amended, was established to set aside funds to upgrade and/or replace components of the System as needed. Contributions to the R&R Fund come from water utility revenues. The R&R Fund was transferred into the capital improvement fund under the 2004 Bond issue.

2. Connection Charge

The City collects a reserve capacity charge (Impact Fee) for each new connection to the water system. This fee is assessed to defray the capital cost of the increased wellfield, WTP and distribution system capacity used by each connection. The City last adjusted this charge in 2009.

3. Capital Reserve Account

A resolution, adopted in September 2002, established a Capital Reserve Account to provide capital reserves for the proposed ROWTP Project. This account was used to fund preliminary costs related to the ROWTP Project before the bonds were sold. The balance in the Capital Reserve Account was transferred into the Capital Improvement Fund established under the 2004 Bond issue.

4. Bond Funds

The City issued combined Water and Electric System Revenue Bonds in the amount of $69,925,000 in November 2004. The bond principal and interest payments are due over a 30-year term. The City adopted a water rate increase to fund the bond payments at the time the bonds were issued. The rate increase was implemented in increments over a period of years.

5. Operating Account and Cash Reserves

The operating account is the primary fund for accepting system revenues and paying expenses due for the water utilities. The Burton Report recommends that a minimum fund balance be maintained of at least four months of annual operating expenses plus annual transfers to the General Fund. This minimum balance recommendation is consistent with national industry standards. Per the Burton Report the water operating account meets this criteria. In addition the operating account includes accumulated retained earnings from previous fiscal years. These funds are available for water system improvements and are listed as transfer (to) from reserves in the Annual Budget.

6. Grant Funds

The City has received grant funds under several programs over a period of years since 2004. All grant funding has been for improvements related to the ROWTP and WTP Improvement Project.

7. Interfund Loans

In Fiscal Year 2013 the City has authorized an interfund loan from the Water Fund to the Beach and Casino Redevelopment Project. This loan is for $4,000,000 with annual repayment of $500,000 starting in FY 2018. While the Water Fund has sufficient reserves to fund Capital Improvements for several years, these funds will be needed in future years to fund the magnitude of projects in the 5 year CIP.

B. Project Funding

The improvements recommended in this report for the 2-Inch Watermain Replacement Program have been reviewed with the City Utilities' Staff to develop priorities. The projects, along with an Engineer's Preliminary Opinion of Probable Project Cost, are summarized in **Table 3**. In addition **Table 3** presents a Six-Year Phasing Plan. The costs are presented to establish a budget range for each phase. The budget cost indicated was furnished by the City. Table 4 is a summary of project costs including financial costs.

C. Financial Feasibility Analysis

A Financial Feasibility Analysis was completed by Burton & Associates. The analysis reviewed the capital financing plan proposed for the project. The review considered the rates, charges, and fees needed to generate sufficient revenues to repay the loan. The analysis found that the Lake Water System can support the rates, charges, and fees as proposed. Furthermore, the projected

revenues are sufficient to repay the loan including the coverage factor. See Financial Feasibility Analysis attached as Appendix C for details of the analysis.

Table 3
2" Watermain Replacement - All Phases
Engineer's Preliminary Opinion of Probable Project Costs

	Description	*Quantity*	*Unit*	*Unit Cost*	*Price*
A. General					
1	Mobilization, Demobilization & General Conditions (8%)	1	LS		$ 737,131
2	Bonds and Insurance (2%)	1	LS		$ 184,283
3	Maintenance of Traffic (3%)	1	LS		$ 143,398
4	Maintenance of Traffic Alleys (1.5%)	1	LS		$ 66,513
5	Video Taping of Existing Conditions	183	EA	$ 800	$ 146,400
6	Record Drawings	183	EA	$ 2,000	$ 366,000
	Subtotal A				**$ 1,643,724**
B. Site Work & Utilities - Easements					
	# of Blocks	48	EA		
	# of Connect to Exist WM	88	EA		
	# of Services	693	EA		
	Total Length of New 4" WM to Replace 2" WM	30,497	LF	5.8	Mi
	2" WM to be Abandoned	27,912	LF		
1	4" PVC Watermain	30,497	LF	$ 24	$ 731,928
2	4" Gate Valve	152	EA	$ 750	$ 114,364
3	Connect to Existing Watermain	88	EA	$ 1,000	$ 88,000
4	Disinfection & Sample Point Testing	88	EA	$ 1,000	$ 88,000
5	Water Service (Including Meter Box - Hand Dig)	693	EA	$ 500	$ 346,500
6	Reconnect Water Service	693	EA	$ 1,500	$ 1,039,500
7	Abandon 2" Watermain (Cap in place)	27,912	LF	$ 6	$ 167,472
8	Conflict Allowance for Sanitary Sewer Laterals	48	LS/ Block	$ 2,500	$ 120,000
9	Conflict Allowance for Gas & other Utilities	48	LS/ Block	$ 2,500	$ 120,000
10	Conflict Allowance for Tree Removal/ Relocation	48	LS/ Block	$ 500	$ 24,000
11	Asphalt Trench Patch	48	LS/ Block	$ 2,500	$ 120,000
12	Driveway Restoration	693	EA	$ 550	$ 381,150
13	4" Concrete Sidewalk Replacement	26,977	LF	$ 14	$ 377,678
	Subtotal B				**$ 3,718,592**
C. Site Work & Utilities - Alleyways					
	# of Blocks	114	EA		
	# of Connect to Exist WM	121	EA		
	# of Services	1374	EA		
	Total Length of New 4" WM to Replace 2" WM	54,580	LF	10.3	Mi
1	4" PVC Watermain (Open Cut)	54,580	LF	$ 25	$ 1,364,500
2	4" Gate Valve	273	EA	$ 750	$ 204,675
3	Connect to Existing Watermain	121	EA	$ 1,000	$ 121,000
4	Disinfection & Sample Point Testing	121	EA	$ 1,000	$ 121,000
5	Water Service (Excluding Meter Box - Hand Dig)	1374	EA	$ 500	$ 687,000
6	Abandon 2" Watermain (Cap in place)	54,580	LF	$ 6	$ 327,480
7	Conflict Allowance for Sanitary Sewer Laterals	114	LS/ Block	$ 2,500	$ 285,000
8	Conflict Allowance for Gas & other Utilities	114	LS/ Block	$ 2,500	$ 285,000
9	Conflict Allowance for Tree Removal/ Relocation	114	LS/ Block	$ 500	$ 57,000
10	Gravel/ Regrade Alley	114	LS/ Block	$ 5,000	$ 570,000
11	Asphalt Trench Patch	114	LS/ Block	$ 2,500	$ 285,000

Table 3
2" Watermain Replacement - All Phases
Engineer's Preliminary Opinion of Probable Project Costs

Description		*Quantity*	*Unit*	*Unit Cost*	*Price*
12	6" Conc Driveway Replace	114	LS/ Block	$ 1,110	$ 126,540
	Subtotal C				**$ 4,434,195**
D. Site Work & Utilities - Roadway					
	# of Blocks	21	EA		
	# of Connect to Exist WM	31	EA		
	# of Services	110	EA		
	Total Length of New 4" WM to Replace 2" WM	8,220	LF	1.6	Mi
1	4" PVC Watermain (Open Trench)	8,220	LF	$ 25	$ 205,500
2	4" Gate Valve	41	EA	$ 750	$ 30,825
3	Connect to Existing Watermain	31	EA	$ 1,000	$ 31,000
4	Disinfection & Sample Point Testing	31	EA	$ 1,000	$ 31,000
5	Water Service (Excluding Meter Box - Hand Dig)	110	EA	$ 500	$ 55,000
6	Abandon 2" Watermain (Cap in place)	8,220	LF	$ 6	$ 49,320
7	Conflict Allowance for Sanitary Sewer Laterals	21	LS/ Block	$ 2,500	$ 52,500
8	Conflict Allowance for Gas & other Utilities	21	LS/ Block	$ 2,500	$ 52,500
9	Pavement Restoration & Striping	8,220	LF	$ 60	$ 493,200
10	Driveway Restoration	110	EA	$ 550	$ 60,500
	Subtotal D				**$ 1,061,345**
	Total (A+B+C+D)				**$ 10,857,856**
	Contingency (25%)				$ 2,714,464
	Total Construction				$ 13,572,320
	Rounded Total Opinion of Probable Construction Cost:				**$ 13,600,000**
	Survey & Utility Locates (6%)				$ 820,000
	Engineering Design & Construction Phase Services (12%)				$ 1,640,000
	Grand Total: Design & Construction				$ 16,060,000

PHASE 1	$ 540,000
PHASE 2	$ 3,090,000
PHASE 3	$ 3,100,000
PHASE 4	$ 3,000,000
PHASE 5	$ 3,000,000
PHASE 6	$ 3,330,000
TOTAL (CHECK)	$ 16,060,000

Table 4
2-Inch Watermain Replacement – All Phases
Summary of Project Costs and Financing

Description	***Amount***
Engineer's Preliminary Opinion of Probable Project Cost	$ 16,060,000
Loan Repayment Reserve	$ 432,000
Loan Service Fee	$ 314,000
Total Costs Including Financing	$ 16,806,000
Loan Amount Requested	$ 15,978,000
Balance to be Funded by City	$ 828,000

Appendix A

Lake Worth Utilities
Water Distribution System Modeling Update
April 2013

Appendix B

Lake Worth Utilities
Water Distribution System Modeling
December 2005

Appendix C

Lake Worth Utilities
Financial Feasibility Analysis
February 2015

Water Utilities
2-Inch Watermain Replacement Facilities Plan

City of Lake Worth Utilities
April 2015

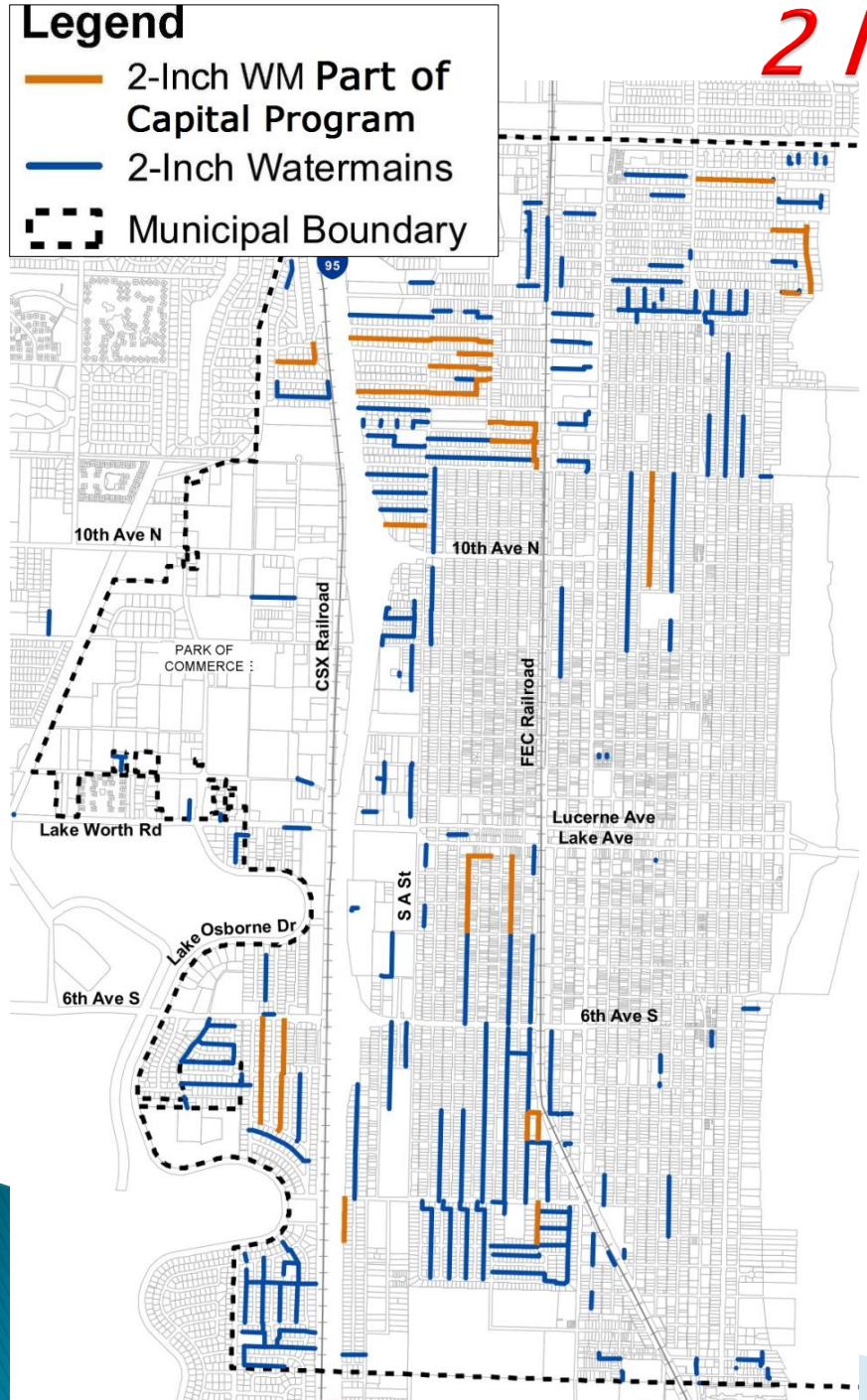
Prepared By:

MOCK • ROOS
CONSULTING ENGINEERS

CITY OF LAKE WORTH

FLORIDA

2 INCH STEEL WATER PIPE



This program replaces **17 Miles** of 2in steel water pipes in 6 years

ALLEY WATER PIPING

- 2” = 10.3 MILES

EASEMENT WATER PIPING

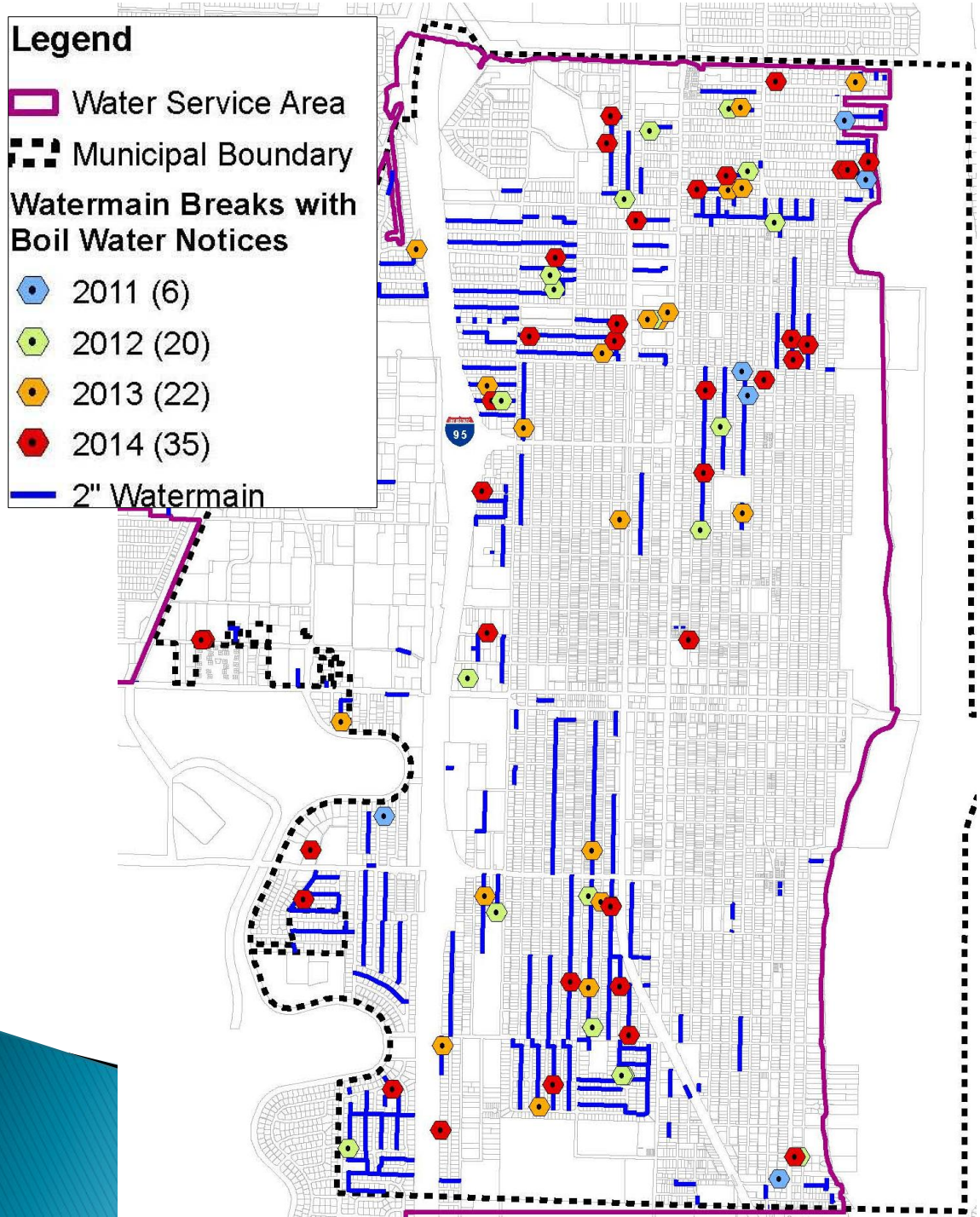
- 2”= 5.3 MILES

ROAD WATER PIPING

- 2”= 1.6 MILES

2" STEEL WATER PIPES

BREAKS THROUGHOUT CITY

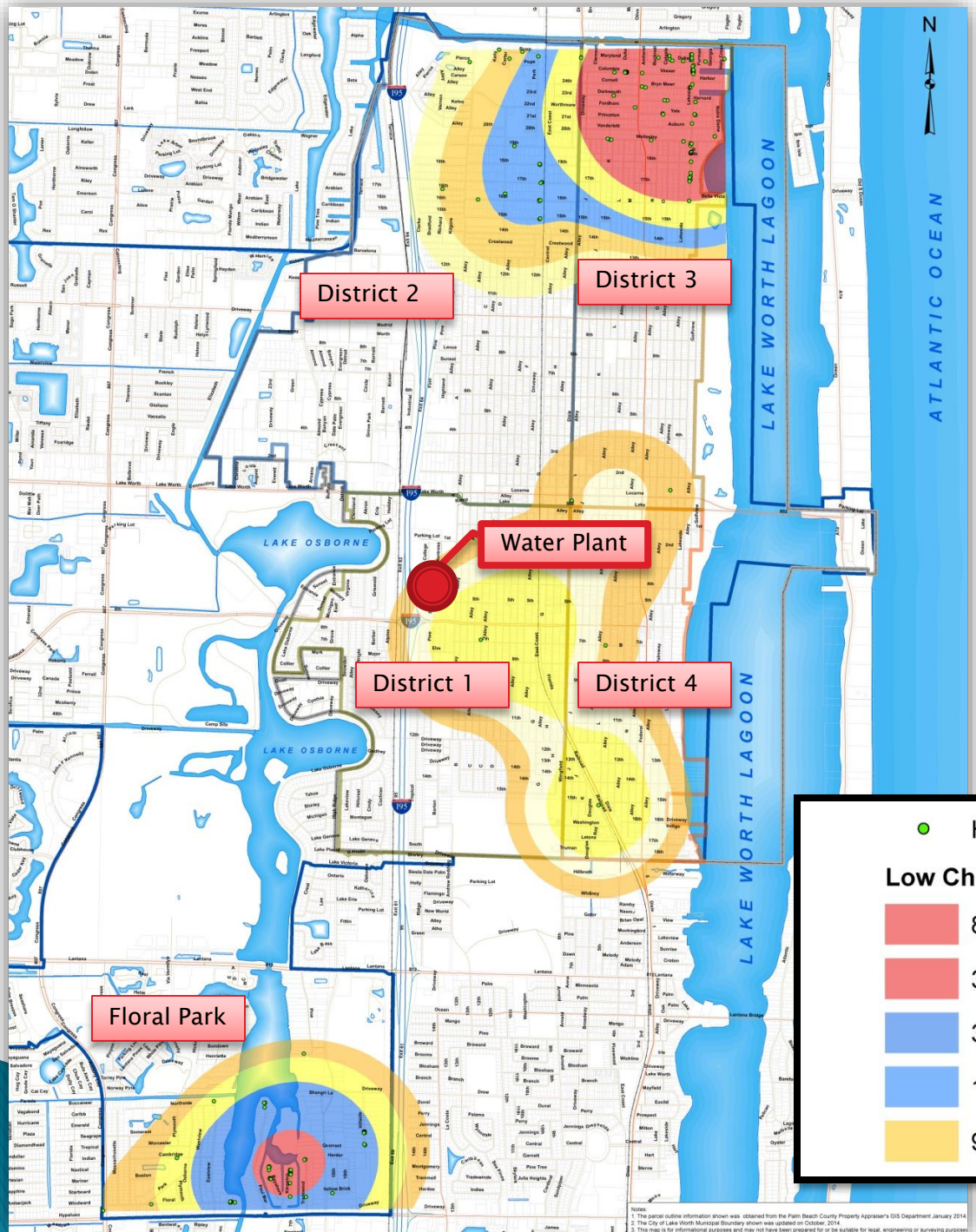


70% of watermain breaks in 2013 were 2" steel lines.

2 INCH STEEL WATER PIPE

LOW CHLORINE RESIDUALS SINCE 2014

Hydrants have been flushed over 230 times since 2014



Hydrants, Low Chlorine Residuals Total 238

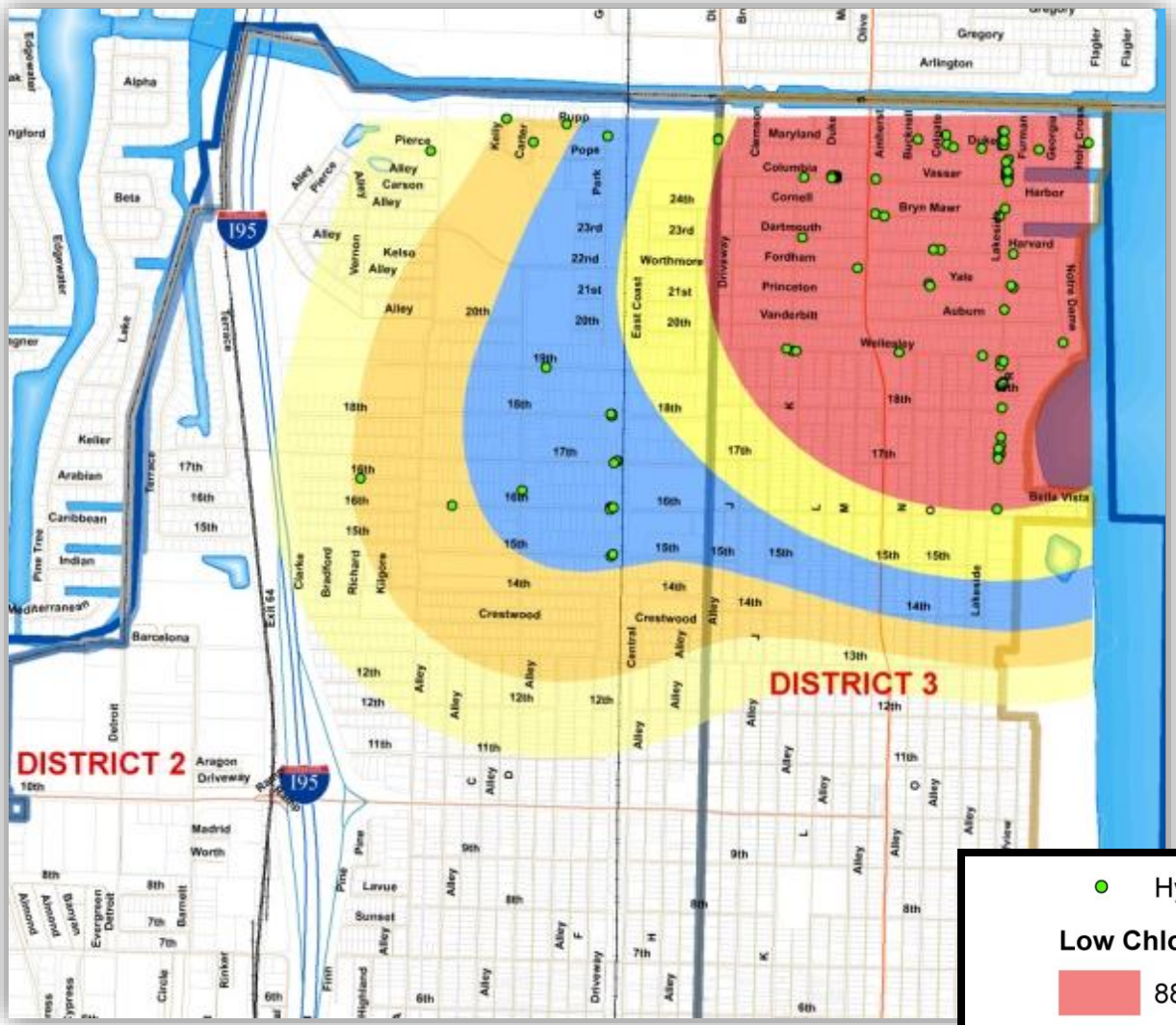
Low Chlorine Residual Density Frequency Times

- 88 Times
- 38 Times
- 30 Times
- 16 Times
- 9 Times
- 3 Times
- 2 Times
- 1 Times
- 0 Times

2 INCH STEEL WATER PIPE

LOW CHLORINE RESIDUALS SINCE 2014

Flushing is most frequent at system extremities



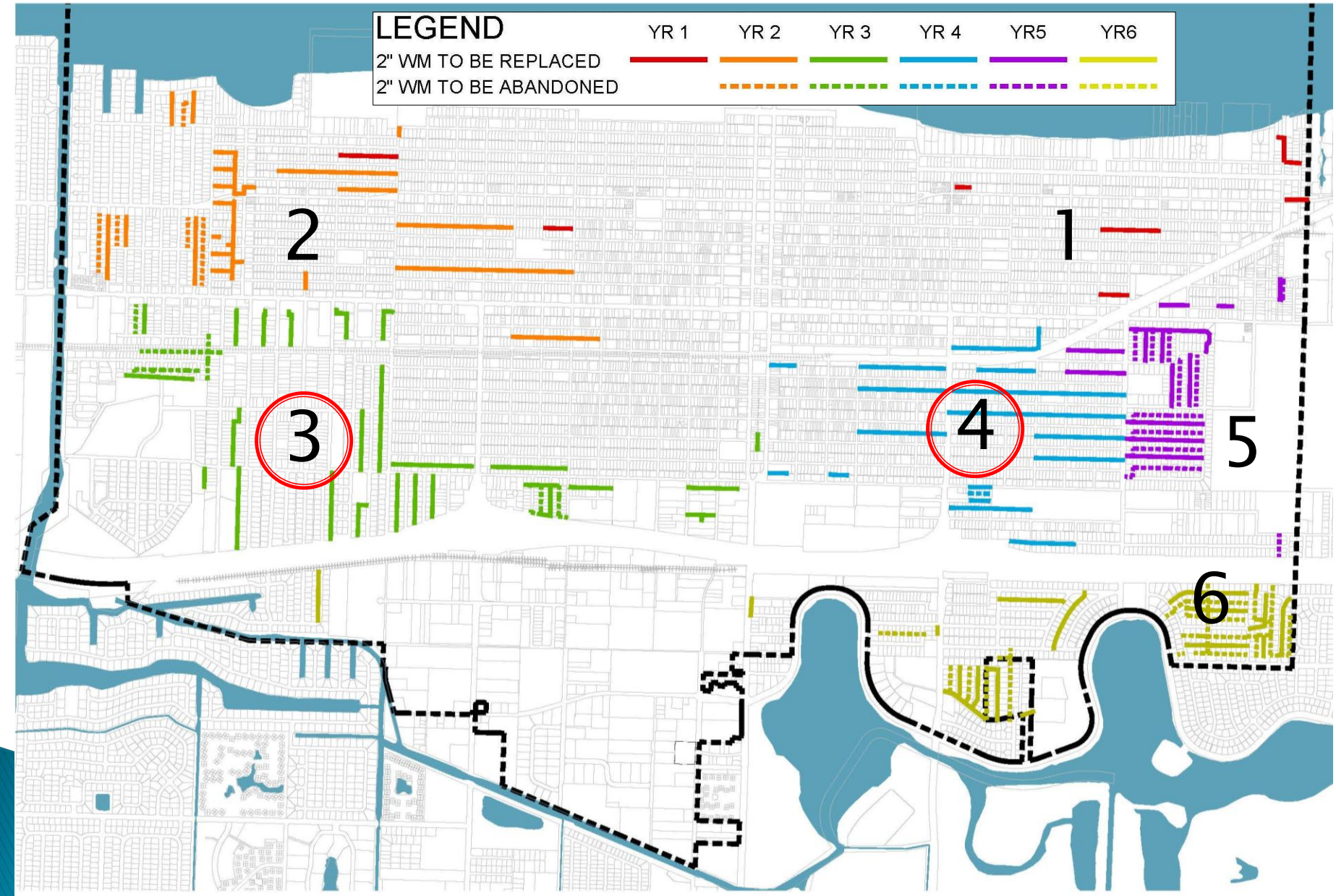
Hydrants, Low Chlorine Residuals Total 238

Low Chlorine Residual Density Frequency Times

- 88 Times
- 38 Times
- 30 Times
- 16 Times
- 9 Times
- 3 Times
- 2 Times
- 1 Times
- 0 Times

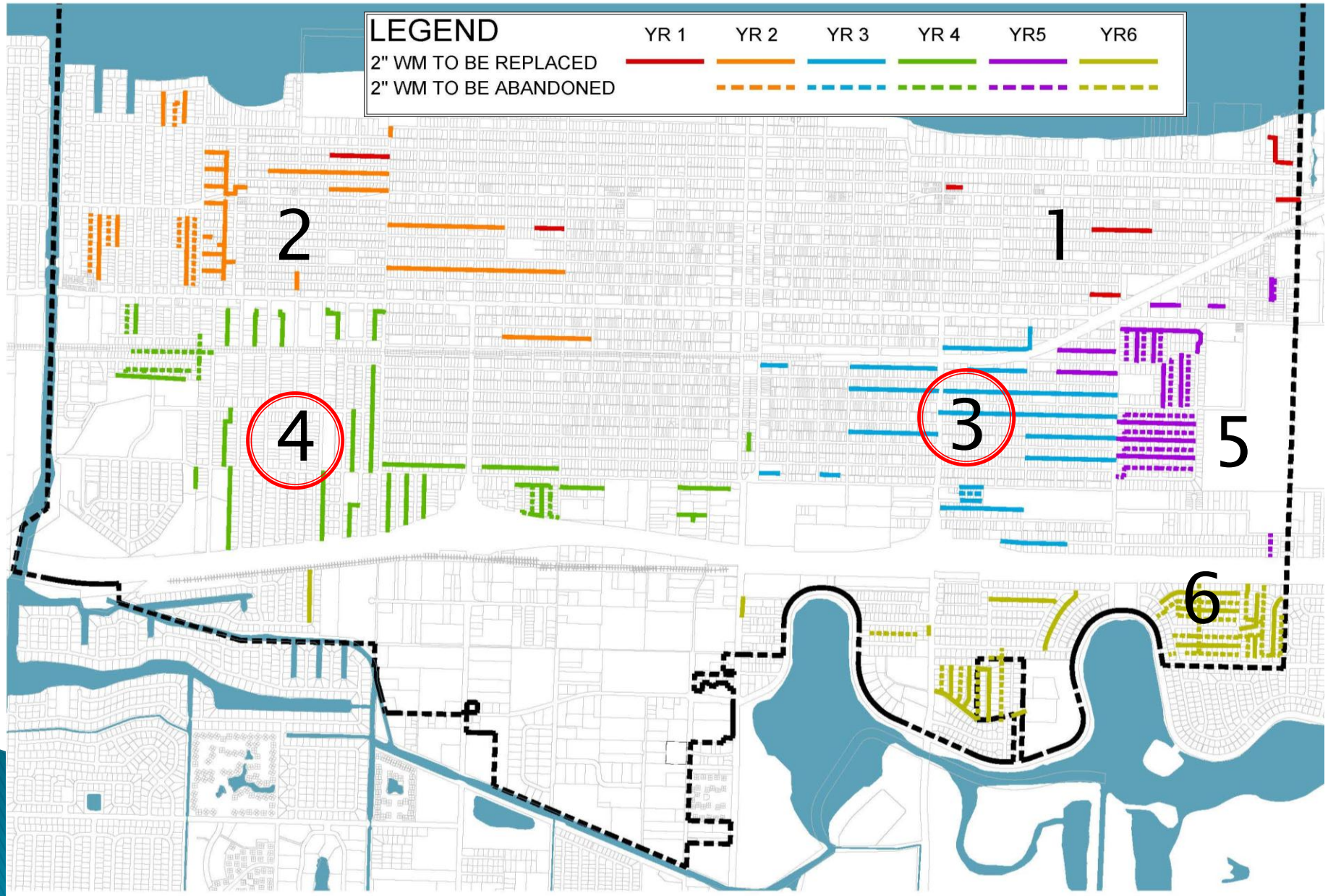
2 INCH STEEL WATER PIPE

REPLACEMENT PHASING PLAN–OPTION 1



2 INCH STEEL WATER PIPE

REPLACEMENT PHASING PLAN–OPTION 2



CITY OF LAKE WORTH
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DRAFT
AGENDA
CITY OF LAKE WORTH
CITY COMMISSION MEETING
CITY HALL COMMISSION CHAMBER
TUESDAY, MAY 19, 2015 - 6:00 PM

1. **ROLL CALL:**

2. **INVOCATION:** **Reverend Kris Vos, Lake Worth Christian Reformed Church**

3. **PLEDGE OF ALLEGIANCE:** Led by Vice Mayor Scott Maxwell

4. **AGENDA - Additions/Deletions/Reordering:**

5. **PRESENTATIONS:** (there is no public comment on Presentation items)

   A. Legislative update from Representative Lori Berman

   B. Florida Public Utilities update

6. **COMMISSION LIAISON REPORTS AND COMMENTS:**

7. **PUBLIC PARTICIPATION OF NON-AGENDAED ITEMS AND CONSENT AGENDA:**

8. **APPROVAL OF MINUTES:**

9. **CONSENT AGENDA:** (public comment allowed during Public Participation of Non-Agendaed items)

10. **PUBLIC HEARINGS:**

11. **UNFINISHED BUSINESS:**

12. **NEW BUSINESS:**

13. **LAKE WORTH ELECTRIC UTILITY:**

    A. CONSENT AGENDA: (public comment allowed during Public Participation of Non-Agendaed items)

    B. PUBLIC HEARING:

C. NEW BUSINESS:

14. CITY ATTORNEY'S REPORT:

15. CITY MANAGER'S REPORT:

16. ADJOURNMENT:

If a person decides to appeal any decision made by the board, agency or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. (F.S. 286.0105)

NOTE: ONE OR MORE MEMBERS OF ANY BOARD, AUTHORITY OR COMMISSION MAY ATTEND AND SPEAK AT ANY MEETING OF ANOTHER CITY BOARD, AUTHORITY OR COMMISSION.