



CITY OF TAMARAC
REGULAR CITY COMMISSION MEETING
City Hall - Commission Chambers
September 28, 2016

CALL TO ORDER:

9:00 A.M.

ROLL CALL:

PLEDGE OF ALLEGIANCE:

Commissioner Michelle J. Gomez

INTRODUCTION

1. PROCLAMATIONS AND PRESENTATIONS:

a. Willie Span Day Proclamation

Presentation of a proclamation by Mayor Dressler proclaiming October 2, 2016 as "Willie Span Day". (Requested by Commissioner Pamela Bushnell)

b. Customer Service Week Proclamation

Presentation of a proclamation by Mayor Harry Dressler proclaiming the week of October 2, 2016 as "Customer Service Week". (Requested by Tamarac's Customer Focus Employee Team)

2. CITY COMMISSION REPORTS

a. Commissioner Bushnell

b. Commissioner Gomez

c. Vice Mayor Glasser

d. Commissioner Placko

e. Mayor Dressler

3. CITY ATTORNEY REPORT

4. CITY MANAGER REPORT

a. June Investment Reports

5. PUBLIC PARTICIPATION

Any member of the public may speak to any issue that is not agendaized for public hearing at this meeting. Speakers will be limited to three minutes during this item and at public hearings. There will be a thirty (30) minute aggregate time limit for this item, and speakers are encouraged to sign up in advance with the City Clerk prior to their participation.

When an issue has been designated as quasi-judicial, public remarks shall only be heard during a quasi-judicial hearing that has been properly noticed for that matter.

ANNOUNCEMENT OF TIME ALLOCATIONS-MOTIONS TO TABLE

The Chair at this time will announce those items that have been given a specific time to be heard, and will entertain motions from the Commission members to table those items that require research. The Commission may agendaize by majority consent matters of an urgent nature which have come to the Commission's attention after publication.

6. CONSENT AGENDA

Items listed under Consent Agenda are viewed to be routine and the recommendation will be enacted by ONE MOTION in the form listed below. If discussion is desired, then, in accordance with Resolution 2003-15, Sec. 4.5, the item(s) will be removed from the Consent Agenda and will be considered separately.

a. Approval of the September 12, 2016 Special Commission Meeting Minutes

Approval of the September 12, 2016 Special Commission Meeting Minutes

b. Approval of the September 14, 2016 Regular Commission Meeting Minutes

Approval of the September 14, 2016 Regular Commission Meeting Minutes

c. TR12815 - Tamarac Village Land Trust

A Resolution of the City Commission of the City of Tamarac, Florida, authorizing and directing, Alan J. Polin, P.A. as co-trustee or Howard Steinholt as co-trustee under the Tamarac Land Trust Agreement dated July 10, 2013 to authorize and proceed as a plaintiff along with JKM Tamarac Village, LLC, in a quiet title action to be filed in Broward County Circuit Court regarding real property owned by the land trust located in Lyons Industrial Park; providing for conflicts; providing for severability; and providing for an effective date.

Commission District(s): Citywide

d. TR12820 - BSO Permit for Special Details - FY17

A Resolution of the City Commission of the City of Tamarac, Florida, authorizing the appropriate City Officials to execute a Broward Sheriff's Office Permit Application for Special Details for police services to be used by the Parks and Recreation Department in an amount not to exceed \$90,350 in FY17, October 1, 2016-September 30, 2017; approving funding from the appropriate Parks and Recreation accounts; providing for conflicts; providing for severability; and providing for an effective date.

e. TR12838 - Adoption of Affordable Housing Incentive Strategies Report

A Resolution of the City Commission of the City of Tamarac, Florida, adopting the Affordable Housing Incentive Strategies recommendations of the Affordable Housing Advisory Committee and authorizing the transmittal of the recommendations in a triennial report attached hereto as Exhibit "A"

to the Florida Housing Finance Corporation in accordance with Section 492.9076 (4) Florida Statutes; providing for conflicts; providing for severability; and providing for an effective date.

Commission District(s): Citywide

f. TR12811 - Approving Community Rating System Program for Public Information

A Resolution of the City Commission of the City of Tamarac, Florida approving the Program for Public Information which is part of the National Flood Insurance Program Community Rating System; providing for conflicts; providing for severability and providing for an effective date.

Commission District(s): Citywide

g. TR12840 - 3 Year Renewal Option and Execution of Agreement for Office Supplies with Office Depot, INC.

A Resolution of the City Commission of the City of Tamarac, Florida, authorizing the appropriate City Officials to exercise a three (3) year renewal option and to execute Agreement Amendment #1 for office supply needs with Office Depot, Inc. on behalf of the Southeast Florida Governmental Purchasing Cooperative, for the period of October 18, 2016 through October 17, 2019; and authorizing the appropriate City Officials to execute a Principal Procurement Agency Certificate and negotiate and execute a Rebate Agreement with the National Intergovernmental Purchasing Alliance Consortium (National IPA) in the event that Office Depot, Inc. and the City mutually determine to utilize the City of Tamarac Agreement as the primary agreement for office supplies provided by National IPA to its members in the United States and other countries; providing for conflicts; providing for severability; and providing for an effective date.

Commission District(s): Citywide

h. TR12852 - Colony West - Fourth Amendment to Purchase and Sale Agreement

A Resolution of the City Commission of the City of Tamarac, Florida, authorizing and directing the appropriate City officials to execute that certain Fourth Amendment to contract for Sale and Purchase, attached hereto as Exhibit "1", by and between the City of Tamarac, a municipal corporation and AD1 Tamarac Hotels, LLC, a Florida Limited Liability Company for the sale of a 2.24 (+/-) acre parcel of real property located on the east side of Pine Island Road, south of West McNab Road, known as a portion of Tract A, Colony West Clubhouse Plat, according to the Plat thereof, as recorded in Plat book 71, Page 18 of the public records of Broward County, Florida, being more particularly described in Exhibit "A", attached hereto and incorporated herein; providing for conflicts; providing for severability; and providing an effective date.

Commission District(s): District 2

7. REGULAR AGENDA

8. ORDINANCE(S) - FIRST READING

a. TO2349 - Water Supply Plan Comp Plan GOP Amendments

An Ordinance of the City of Tamarac, Florida, amending, the Future Land Use Element, Infrastructure Element, Conservation Element, Intergovernmental Coordination Element, and Capital Improvements Element of the City of Tamarac's Comprehensive Plan consistent with the South Florida Water Management District Water Supply Facilities work plan for the City of Tamarac; authorizing transmittal of the 2016 Ten Year Water Supply Facilities work plan and Comprehensive Plan Amendments to the Department of Economic Opportunity and other agencies as required by Florida Statutes 163.3184(3) providing for inclusion in the Comprehensive Plan; providing for conflict; providing for severability; and, providing for an effective date.

Commission District(s): Citywide

9. PUBLIC HEARING(S)

10. ORDINANCE(S) - SECOND READING

11. QUASI-JUDICIAL HEARING(S)

a. TBO 10 - Hidden Trails/Mainlands - Sign Variance

Sign Variance from Section 18-51(19)a, Code of Ordinances to permit a maximum height of eight feet (8') in lieu of the maximum height of six feet (6') permitted for residential monument signs and from Section 18-64(1), Code of Ordinances to allow informational language on the monument sign in addition to the permitted community identification language and to allow the monument sign to be located within the public right-of way.

Commission District(s): District 1

12. OTHER

The City Commission may consider and act upon such other business as may come before it. In the event this agenda must be revised, such revised copies will be available to the public at the City Commission meeting.

Pursuant to Chapter 286.0105, Florida Statutes, if a person decides to appeal any decision made by the City Commission with respect to any matter considered at such meeting or hearing, he 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 based.

The City of Tamarac complies with the provisions of the Americans with Disabilities Act. If you are a disabled person requiring any accommodations or assistance, please notify the City Clerk's Office at (954) 597-3505 of such need at least 48 hours (2 days) in advance. Additionally, if you are hearing or speech impaired and need assistance, you may contact the Florida Relay Service at either of the following numbers: 1-800-955-8770 or 1-800-955-8771.



Patricia Teufel, CMC
City Clerk



Title - 9:00 A.M.

9:00 A.M.



Title - Commissioner Michelle J. Gomez

Commissioner Michelle J. Gomez



Title - Willie Span Day Proclamation

Presentation of a proclamation by Mayor Dressler proclaiming October 2, 2016 as "Willie Span Day". (Requested by Commissioner Pamela Bushnell)

ATTACHMENTS:

| Description | Upload Date | Type |
|--------------------------------|--------------------|--------------|
| ❏ Willie Span Day Proclamation | 9/21/2016 | Proclamation |



Requested by Commissioner Pamela Bushnell

WHEREAS, Willie James Span enlisted in the Army in 1963 and served as a Private First Class until 1969; and

WHEREAS, on October 2, 2014 Willie Span was hit by a car and killed while trying to cross West Commercial Boulevard in an attempt to reach the William "Bill" King VA Clinic in Sunrise; and

WHEREAS, since that time numerous attempts have been made to get Broward County to install an "on-demand" signalized crosswalk in the 9800 Block of West Commercial Boulevard; and

WHEREAS, Willie Span's wife Doris will be holding a Memorial Service on Saturday, October 1, 2016 at 3:00 p.m. at Day Break Assembly in Tamarac; and

WHEREAS, on Sunday, October 2, 2016 starting at 6:00 a.m. Doris Span will be holding an all-day vigil at the accident scene on West Commercial Boulevard, west of 94th street; and

NOW, THEREFORE, I, Harry Dressler, Mayor of the City of Tamarac, Broward County, Florida, hereby proclaim October 2, 2016 as

"WILLIE SPAN DAY"

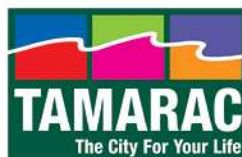
in the City of Tamarac, and hope his death will be recognized and honored by the placement of an "on-demand" signalized crosswalk on West Commercial Boulevard, west of 94th Street.



IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the City of Tamarac to be affixed this 28th day of September 2016.

Harry Dressler

Harry Dressler, MAYOR





Title - Customer Service Week Proclamation

Presentation of a proclamation by Mayor Harry Dressler proclaiming the week of October 2, 2016 as "Customer Service Week". (Requested by Tamarac's Customer Focus Employee Team)

ATTACHMENTS:

| Description | Upload Date | Type |
|--------------------------------------|--------------------|--------------|
| ❏ Customer Service Week Proclamation | 9/14/2016 | Proclamation |



Requested by Tamarac's Customer Focus Employee Team

WHEREAS, some 400 City of Tamarac employees contribute their expertise to various City departments and dedicate their efforts daily to provide quality public service; and

WHEREAS, the City of Tamarac is a High Performance Organization that prides itself on leading the nation in exceptional customer service; and

WHEREAS, Tamarac employees are dedicated to providing "Customer Service...Second to None"; and

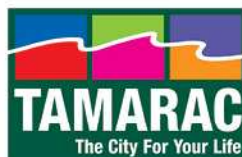
WHEREAS, employees Play their PART every day by ensuring **P**rofessionalism, **A**ccuracy, **R**esponsiveness and **T**imeliness in their interactions with residents and businesses and fulfilling the commitment to keep the City of Tamarac a "Community of Choice".

NOW, THEREFORE, I, Harry Dressler, Mayor of the City of Tamarac, Broward County, Florida, hereby proclaim the week of October 2, 2016 as

"CUSTOMER SERVICE WEEK"

in the City of Tamarac, recognizing that our employees exemplify our mission to be "Committed to Excellence...Always".

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the City of Tamarac to be affixed this 28th day of September 2016.



Harry Dressler

Harry Dressler, MAYOR



Title - June Investment Reports

June Investment Reports

ATTACHMENTS:

| Description | Upload Date | Type |
|---------------------------|-------------|------------|
| ▣ June Investment Reports | 8/11/2016 | Cover Memo |

CITY OF TAMARAC
INTEROFFICE MEMORANDUM
FINANCIAL SERVICES
ADMINISTRATION DIVISION

TO: Michael C. Cernech
City Manager

DATE: July 26, 2016

FROM: Mark Mason 
Financial Services Director

RE: Investment Report:
June 2016

Recommendation:

The following report outlines the results of the City's investment activities for the Month of June 2016.

Issue:

This report provides an update of the City's investment activity through the month of June 2016. Tamarac's Code, Section 6-29 "Investment Reports", provides that: "The Finance Director shall prepare a written report of the City's investments at least on a monthly basis. The report shall be presented and explained to the City Commission at a regular or special meeting."

Background:

The Financial Services staff reviews the City's cash positions on a daily basis and invests funds as cash flow, investment needs, and interest rates dictate. Operating funds are invested according to cash flow needs with surplus funds invested in securities of varying maturities. No single investment is invested longer than a maturity of sixty (60) months, and the average duration of Tamarac's investment portfolio is targeted to be less than thirty-six (36) months.

Investment Portfolio Weighted Yield:

The total Operations & Reserve investment portfolio weighted average yield for the month of June was 0.47%. The managed portion of the portfolio had a weighted average yield of 0.92%, while the cash portion of the portfolio had a weighted average yield of .38%.

The Series 2005 Capital Improvement Revenue Bond proceeds portfolio weighted average yield for the month was 0.40%.

The combined weighted average yield of *all* portfolios for the month of September was 0.47%.

Investment Strategy:

The City's interest-bearing checking account at TD Bank holds funds needed to pay its weekly obligations. Funds held for short-term liquidity needs are invested in the TD Bank, the AIM Treasury money market fund, Wells Fargo and the FLSAFE Local

Government Investment Pool. Based on the cash flow model and short-term investment strategy, the target amount for liquidity purposes is at least \$15 million. Funds not needed for liquidity purposes are used to purchase longer-term securities. Total liquidity in the Operations and Reserve Portfolio held in the SBA, FLSAFE, FLSAFE Term, Wells Fargo, AIM account and at TD Bank on June 30, 2016 was \$113,680,222.64 of which a nominal \$3,238.61 was retained in the SBA. The Series 2005 Capital Improvement Revenue Bond proceeds portfolio had \$3,158,084.12 in FLSAFE.

Investment Activity – June 2016

Investment Maturities/Calls/Sold:

There were no maturities, calls or sold securities during the month.

Investment Purchases:

There were no security purchases during the month.

Investment News (Source: Neil Waud, CFA, Managing Director, Senior Portfolio Manager, Public Trust Advisors, Chris Toney, Managing Director, Head of Credit Research, Public Trust Advisors, John F. Grady, Managing Director, Public Trust Advisors).

Words Into Action

Recent economic data has painted a picture of stability in the U.S. economy. Although underlying growth has been less than spectacular, enough progress has occurred for the Federal Reserve (Fed) to consider increasing to its target rate in the next few months. Perhaps tiring of the Fed's inability to move, the market had been placing a very low probability on a rate hike anytime soon. However, the release of the Fed's April meeting minutes crystalized its view, causing short-term interest rates to move significantly higher in the wake of this new revelation.

Recalibrating the higher probability of a rate hike this summer may help alleviate volatility as the Fed contemplates its next move. Furthermore, the recent stability of the dollar and firming oil prices should also provide some degree of comfort. A stronger dollar has been placing pressure on the earnings of multi-national U.S. corporations in addition to collapsing oil prices destabilized many facets of the market. All else being equal, it would now appear that the Fed is looking for a reason not to raise rates in the near future.

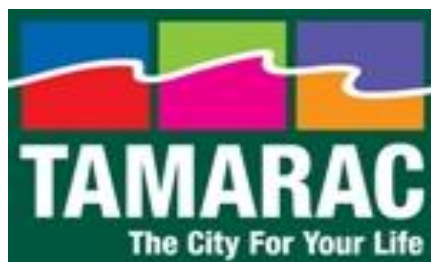
If true, this represents a paradigm shift in the Fed's perceived strategy. The market can read a bit too much into the typical cacophony of Fedpeak, but lately the hawks and doves have been singing the same tune. Although global and domestic headwinds have kept monetary policy moving forward at a cautious pace, the Fed has stated its willingness to move in the coming months. Time will tell if the progress in manufacturing, consumer spending and the housing market this spring are enough for the Fed to turn its strong words in action.

Short-Term Recommendation: Short-term interest rates shifted higher at the end of 2015 with the Fed's first rate increase in over nine years. We will continue to look for

prudent opportunities to take advantage of the higher rates available, while maintaining flexibility. Currently futures suggest only one additional increase in the Federal Funds rate in by the end of 2016, although even a single move is highly debatable given recent commentary.

Medium-Term Recommendation: The decision by 52.9 percent of Britons to leave the European Union was the driving force behind the market gyrations over the past few weeks. The volatility centers more on speculation than certain economic impacts, as the entire process for the United Kingdom to sever ties with the Union will take at a minimum two years to play out. The sentiment behind the “leave” campaign focused on immigration issues and general displeasure with the current political environment. The market reaction was one of entering “safe haven” trades in US Treasury securities, causing yields to grind lower. Longer-term Interest rates plummeted in June, primarily as a result of the poor May non-farm payroll figure of 35,000 jobs created, and the unexpected Brexit vote. As a result, the two year U.S. Treasury note dropped as much as 30 basis points during that last week of June following the Brexit vote. . The curve remains flat, especially compared to the 4th quarter of 2015. While the unemployment rate hovers near 5% and is considered a positive indicator for the economy, the May non-farm payroll report of +38k impacted the markets in early June and effectively eliminated the chance of a Federal Funds rate increase during the June meeting. While interest rates began to increase from post Brexit lows and overall market conditions appear to be stabilizing, these events continue to highlight the uncertainty of whether the U.S. economy can continue a moderate growth pace in the second half of 2016. As such, we would recommend tactically extending the duration of the portfolio as market opportunities present themselves over the coming months while monitoring the yield spreads between sectors to manage relative value and market volatility within the portfolio.

Monthly Investment Report for Period Ended June 30, 2016



City of Tamarac Aggregate Portfolio
525 NW 88th Ave.
Tamarac, FL 33321

Public Trust Advisors LLC
201 E. Pine Street, Suite 450
Orlando, Florida 32801

City of Tamarac Aggregate Portfolio Summary

Investment Management Portfolio Review

| | |
|--|---|
| Investment Portfolio Summary Comparison | 3 |
| Investment Portfolio Maturity Distribution | 4 |
| Investment Portfolio Rating Distribution | 5 |
| Investment Portfolio Security Distribution - Market Value | 6 |
| Investment Portfolio Security Distribution - Historical Cost | 7 |

Additional Disclosure

Portfolio Holding Details

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City of Tamarac Aggregate Portfolio Summary Comparison for the period June 1, 2016 to June 30, 2016

| City of Tamarac Aggregate Portfolio | June 1, 2016 Beginning Balance | June 30, 2016 Ending Balance | Portfolio Characteristic | June 1, 2016 Beginning Balance | June 30, 2016 Ending Balance |
|--|-----------------------------------|---------------------------------|------------------------------------|-----------------------------------|---------------------------------|
| Historical Cost | \$ 136,882,659.44 | \$ 134,512,278.71 | Book Yield Gross | 0.46% | 0.47% |
| Book Value | \$ 136,764,494.18 | \$ 134,389,276.23 | Market Yield Gross | 0.44% | 0.43% |
| Accrued Interest | 106,531.66 | 124,828.42 | Duration | 0.25 Years | 0.25 Years |
| Book Value Plus Accrued | \$ 136,871,025.84 | \$ 134,514,104.65 | Weighted Effective Maturity | 0.25 Years | 0.25 Years |
| Net Unrealized Gain/Loss | 21,331.69 | 67,445.91 | Weighted Final Maturity | 0.25 Years | 0.25 Years |
| Market Value Plus Accrued⁽²⁾ | \$ 136,892,357.53 | \$ 134,581,550.56 | | | |
| Net Pending Transactions | 506.70 | 339.83 | | | |
| Market Value Plus Accrued Net⁽²⁾ | \$ 136,892,864.23 | \$ 134,581,890.39 | | | |

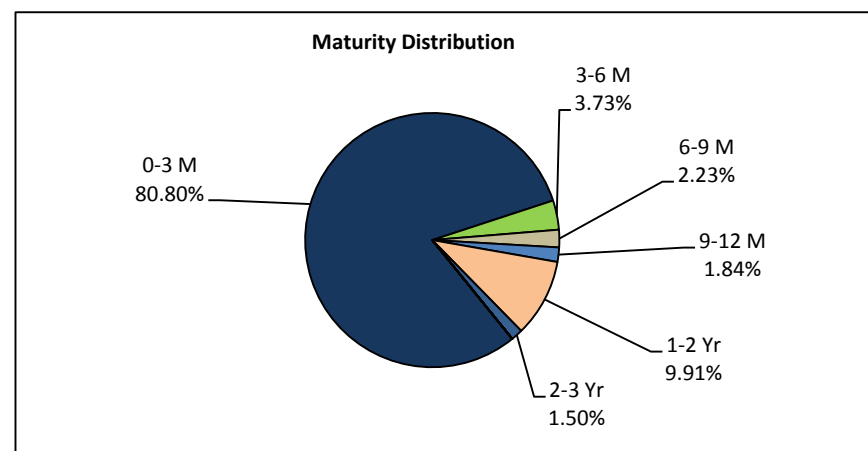
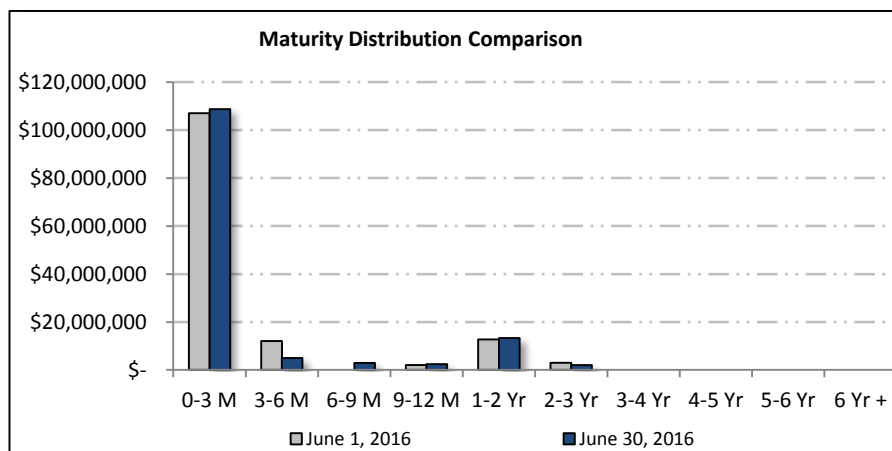
| City of Tamarac Aggregate Portfolio | June 2016 Net Income |
|-------------------------------------|-------------------------|
| Interest Income | \$ 39,118.47 |
| Net Amortization/Accretion | (4,837.22) |
| Net Realized Gain/Loss | 0.00 |
| Net Income | \$ 34,281.25 |

(1) Payables represent amounts due to settle security transactions that have been executed but have not settled as of period end. The funds used to settle these trades may come from a variety of sources including cash within the portfolio, proceeds from future security transactions including maturities and sales, or other sources including money market funds. For reporting purposes, a payable is created for over-period settlements which are reflected in the detailed holdings.

(2) Market Value Plus Accrued Net represents the market value of the portfolio net payables and receivables from transactions that settle in the following reporting period.

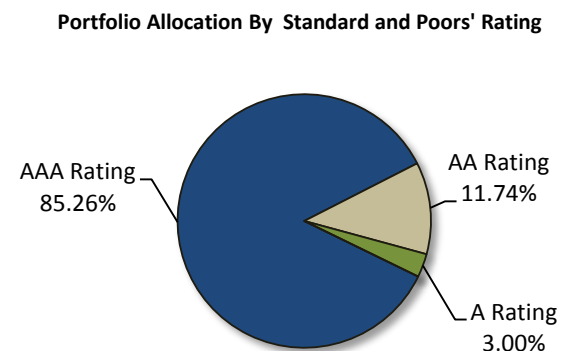
City of Tamarac Aggregate Portfolio Maturity Distribution Market Value Basis June 1, 2016 to June 30, 2016

| Maturity Distribution | June 1, 2016 Beginning Balance | June 30, 2016 Ending Balance | Portfolio Allocation | Distribution Change |
|------------------------|-----------------------------------|---------------------------------|----------------------|---------------------|
| 0-3 Months | \$ 107,063,958.93 | \$ 108,735,477.54 | 80.80% | 2.58% |
| 3-6 Months | 12,058,796.82 | 5,024,574.04 | 3.73% | -5.08% |
| 6-9 Months | - | 3,000,172.60 | 2.23% | 2.23% |
| 9-12 Months | 2,015,955.00 | 2,470,614.50 | 1.84% | 0.36% |
| 1-2 Years | 12,725,416.72 | 13,334,015.98 | 9.91% | 0.61% |
| 2-3 Years | 3,028,230.06 | 2,016,695.89 | 1.50% | -0.71% |
| 3-4 Years | - | - | 0.00% | 0.00% |
| 4-5 Years | - | - | 0.00% | 0.00% |
| 5-6 Years | - | - | 0.00% | 0.00% |
| 6 Years + | - | - | 0.00% | 0.00% |
| Total Portfolio | \$ 136,892,357.53 | \$ 134,581,550.56 | 100.00% | |

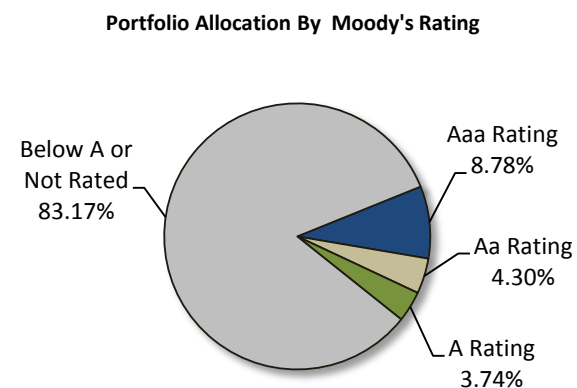


City of Tamarac Aggregate Portfolio Rating Distribution Market Value Basis June 1, 2016 to June 30, 2016

| S&P Rating Distribution | June 30, 2016 Ending Balance | Portfolio Allocation |
|---------------------------------------|---------------------------------|----------------------|
| Short Term Rating Distribution | | |
| A-1+ | \$ - | 0.00% |
| A-1 | - | 0.00% |
| Total Short Term Ratings | \$ - | 0.00% |
| Long Term Rating Distribution | | |
| AAA Rating | \$ 114,750,452.21 | 85.26% |
| AA Rating | 15,796,729.46 | 11.74% |
| A Rating | 4,034,368.89 | 3.00% |
| Below A or Not Rated | - | 0.00% |
| Total Long Term Rating | \$ 134,581,550.56 | 100.00% |
| Total Portfolio | \$ 134,581,550.56 | 100.00% |

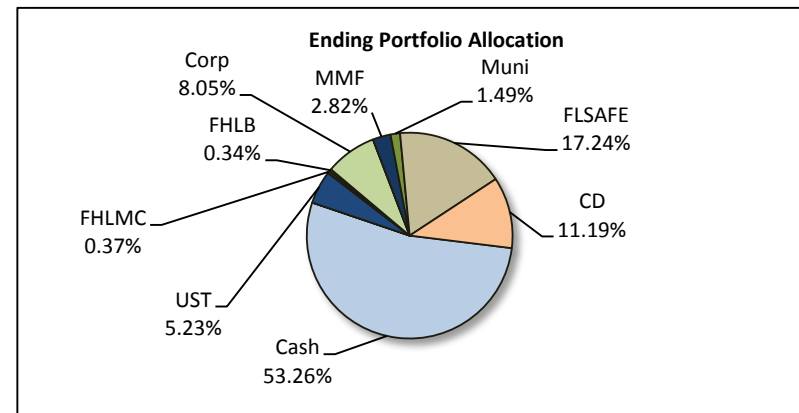
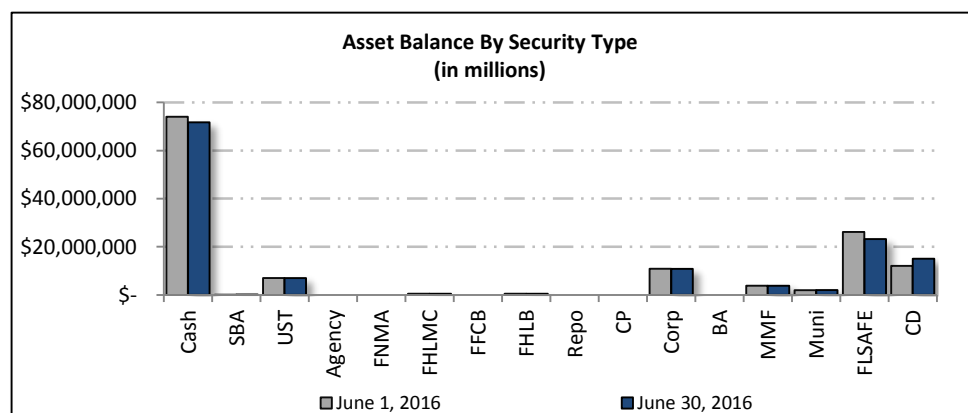


| Moody's Rating Distribution | June 30, 2016 Ending Balance | Portfolio Allocation |
|---------------------------------------|---------------------------------|----------------------|
| Short Term Rating Distribution | | |
| P-1 | \$ - | 0.00% |
| P-2 | - | 0.00% |
| Total Short Term Ratings | \$ - | 0.00% |
| Long Term Rating Distribution | | |
| Aaa Rating | \$ 11,820,127.15 | 8.78% |
| Aa Rating | 5,791,297.94 | 4.30% |
| A Rating | 5,039,712.78 | 3.74% |
| Below A or Not Rated | 111,930,412.68 | 83.17% |
| Total Long Term Rating | \$ 134,581,550.56 | 100.00% |
| Total Portfolio | \$ 134,581,550.56 | 100.00% |



City of Tamarac Aggregate Portfolio Market Value Basis Security Distribution June 1, 2016 to June 30, 2016

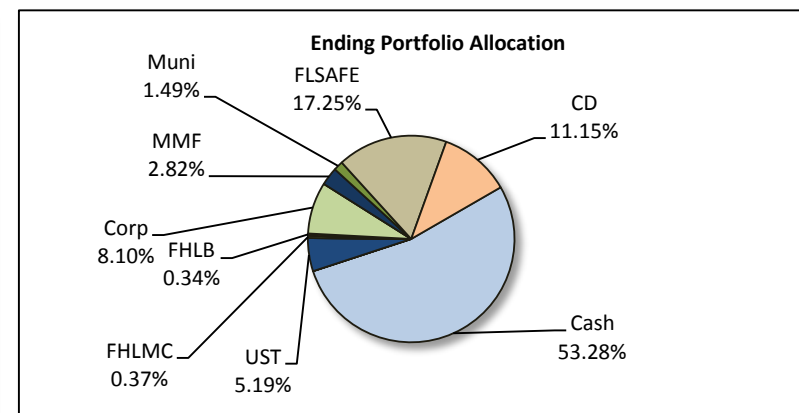
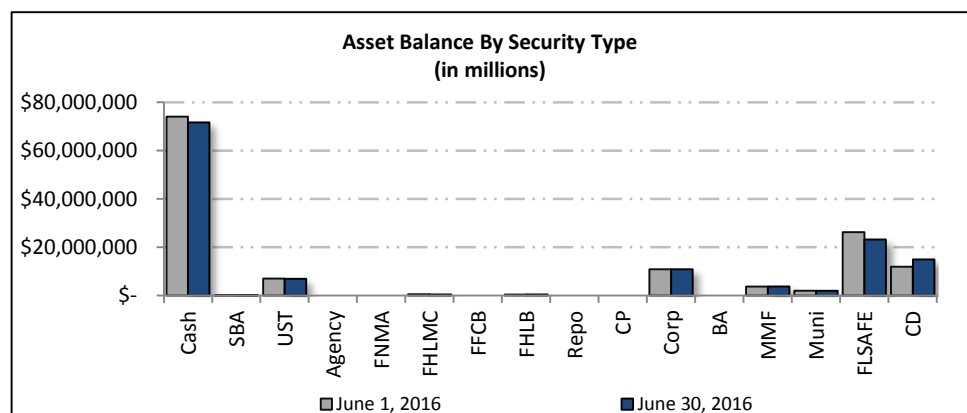
| Security Distribution | June 1, 2016 Beginning Balance | Portfolio Allocation | June 30, 2016 Ending Balance | Book Yield | Portfolio Allocation | Change in Allocation |
|-------------------------------------|-----------------------------------|-------------------------|---------------------------------|--------------|-------------------------|-------------------------|
| Cash | \$ 74,069,054.31 | 54.11% | \$ 71,674,007.88 | 0.30% | 53.26% | -0.85% |
| SBA | 3,236.83 | 0.00% | 3,238.61 | 0.35% | 0.00% | 0.00% |
| U.S. Treasury Notes | 7,001,519.35 | 5.11% | 7,033,468.96 | 0.88% | 5.23% | 0.11% |
| U.S. Agency Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FNMA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLMC | 500,457.92 | 0.37% | 502,615.42 | 0.95% | 0.37% | 0.01% |
| FFCB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLB | 453,005.00 | 0.33% | 452,034.50 | 0.82% | 0.34% | 0.00% |
| Fed Instrumentality Subtotal | \$ 953,462.92 | 0.70% | \$ 954,649.92 | 0.89% | 0.71% | 0.01% |
| Repurchase Agreement | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Commercial Paper | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Corporate Notes | 10,820,196.14 | 7.90% | 10,838,957.81 | 1.08% | 8.05% | 0.15% |
| Bankers Acceptances | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Money Market Funds | 3,781,939.28 | 2.76% | 3,796,991.92 | 0.13% | 2.82% | 0.06% |
| Municipal Bonds | 2,008,110.00 | 1.47% | 2,008,380.00 | 0.81% | 1.49% | 0.03% |
| FLSAFE | 26,196,372.95 | 19.14% | 23,205,984.23 | 0.44% | 17.24% | -1.89% |
| Certificates of Deposit | 12,058,465.75 | 8.81% | 15,065,871.23 | 0.73% | 11.19% | 2.39% |
| Total Portfolio Market Value | \$ 136,892,357.53 | 100.00% | \$ 134,581,550.56 | 0.47% | 100.00% | |



*Permitted allocation based on aggregate assets as defined within the investment policy.

City of Tamarac Aggregate Portfolio Historical Cost Basis Security Distribution June 1, 2016 to June 30, 2016

| Security Distribution | June 1, 2016 Beginning Balance | Portfolio Allocation | June 30, 2016 Ending Balance | Book Yield | Portfolio Allocation | Change in Allocation |
|--|-----------------------------------|-------------------------|---------------------------------|--------------|-------------------------|-------------------------|
| Cash | \$ 74,069,054.31 | 54.11% | \$ 71,674,007.88 | 0.30% | 53.28% | -0.83% |
| SBA | 3,236.83 | 0.00% | 3,238.61 | 0.35% | 0.00% | 0.00% |
| U.S. Treasury Notes | 6,982,226.57 | 5.10% | 6,982,226.57 | 0.88% | 5.19% | 0.09% |
| U.S. Agency Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FNMA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLMC | 497,380.00 | 0.36% | 497,380.00 | 0.95% | 0.37% | 0.01% |
| FFCB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLB | 451,611.00 | 0.33% | 451,611.00 | 0.82% | 0.34% | 0.01% |
| Fed Instrumentality Subtotal | \$ 948,991.00 | 0.69% | \$ 948,991.00 | 0.89% | 0.71% | 0.01% |
| Repurchase Agreement | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Commercial Paper | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Corporate Notes | 10,895,638.50 | 7.96% | 10,895,638.50 | 1.08% | 8.10% | 0.14% |
| Bankers Acceptances | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Money Market Funds | 3,781,939.28 | 2.76% | 3,796,991.92 | 0.13% | 2.82% | 0.06% |
| Municipal Bonds | 2,005,200.00 | 1.46% | 2,005,200.00 | 0.81% | 1.49% | 0.03% |
| FLSAFE | 26,196,372.95 | 19.14% | 23,205,984.23 | 0.44% | 17.25% | -1.89% |
| Certificates of Deposit | 12,000,000.00 | 8.77% | 15,000,000.00 | 0.73% | 11.15% | 2.38% |
| Total Portfolio Historical Cost | \$ 136,882,659.44 | 100.00% | \$ 134,512,278.71 | 0.47% | 100.00% | |



*Permitted allocation based on aggregate assets as defined within the investment policy.

Additional Disclosure

This statement is for general information purposes only and is not intended to provide specific advice or recommendations. Please review the contents of this statement carefully. Should you have any questions regarding the information presented, calculation methodology, investment portfolio or security detail, or any other facet of your statement, please feel free to contact us.

Public Trust Advisor's monthly statement is intended to detail our investment advisory activity as well as the activity of any accounts held by clients in pools that are managed by Public Trust Advisors. The custodian bank maintains the control of assets and executes and settles all investments transactions. The custodian statement is the official record of security and cash holdings transactions. Public Trust Advisors recognizes that clients may use these reports to facilitate record keeping; therefore the custodian bank statement and the Public Trust Advisors statement should be reconciled and differences resolved. Many custodians use a settlement date basis which may result in the need to reconcile due to a timing difference. Please contact your relationship manager or our toll free number 855-395-3954 with questions regarding your account.

Public Trust Advisors does not have the authority to withdraw funds from or deposit funds to the custodian. Our clients retain responsibility for their internal accounting policies; implementing and enforcing internal controls and generating ledger entries or otherwise recording transactions.

Pricing sources from our reporting platform are provided by Clearwater reporting platform and are established by Clearwater's internal pricing procedures. Clearwater utilizes a hierarchical pricing model which starts with one of the industry's pricing sources, S&P Capital IQ. Securities with short maturities and infrequent secondary market trades are typically priced via mathematical calculations. The Securities in this investment portfolio, including shares of mutual funds, are not guaranteed or otherwise protected by Public trust Advisors, the FDIC (except for certain non-negotiable certificates of deposit) or any government agency, unless otherwise specifically stated. Investment in fixed income securities involves risks, including the possible loss of the amount invested.

Past performance is not an indication of future performance.

Beginning and Ending Balances based on Market Value plus Accrued Interest on a Trade Date basis.

Public Trust Advisors is an investment advisor registered with the Securities and Exchange Commission, and is required to maintain a written disclosure statement of our background and business experience. If you would like to receive a copy of our current disclosure statement, privacy policy, or code of ethics please contact Service Operations at the address below.

Public Trust Advisors
717 17th Street, Suite 1850
Denver, CO 80202

City of Tamarac Aggregate Portfolio Detail

Portfolio Holdings

Portfolio Income

Portfolio Transactions

Issuer Concentration

Security Concentration



Month End Report Trade Date

Tamarac, City of Agg (43815)

Month End (M6 Y2016)

06/01/2016 - 06/30/2016

Dated: 07/18/2016

Locked Down

Holdings Report Trade Date

As of 06/30/2016

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Tamarac, City of Agg (43815)

Dated: 07/18/2016

| Description, Identifier, Security Type, Coupon | Effective Maturity, Final Maturity, Callable, Next Call Date | Original Cost, Current Units, Market Price | Trade Date, Settle Date | Moodys Rating, S&P Rating, Fitch Rating | Book Value, Book Value + Accrued | Accrued Balance, Net Unrealized Gain/Loss | Market Value, Market Value + Accrued |
|---|---|--|----------------------------|--|-------------------------------------|--|---|
| FEDERAL HOME LOAN BANKS 313379FW4 AGCY BOND 1.00 --- | 06/09/2017 06/09/2017 N --- | 451,611.00 450,000.00 100.391 | 06/09/2015 06/10/2015 | Aaa AA+ --- | 450,761.34 451,036.34 | 275.00 998.16 | 451,759.50 452,034.50 |
| FREDDIE MAC 3137EADN6 AGCY BOND 0.75 --- | 01/12/2018 01/12/2018 N --- | 497,380.00 500,000.00 100.171 | 05/12/2015 05/13/2015 | Aaa AA+ --- | 498,487.55 500,247.96 | 1,760.42 2,367.45 | 500,855.00 502,615.42 |
| FLSAFE Term 7 FLST7 CD 0.70 --- | 03/27/2017 03/27/2017 N --- | 3,000,000.00 3,000,000.00 100.00 | 06/30/2016 06/30/2016 | NA NA --- | 3,000,000.00 3,000,172.60 | 172.60 0.00 | 3,000,000.00 3,000,172.60 |
| FLSAFE Term 6 FLST6 CD 0.60 --- | 11/22/2016 11/22/2016 N --- | 2,000,000.00 2,000,000.00 100.00 | 11/30/2015 11/30/2015 | NA NA --- | 2,000,000.00 2,008,021.92 | 8,021.92 0.00 | 2,000,000.00 2,008,021.92 |
| FLSAFE Term 4 FLST4 CD 1.10 --- | 09/28/2018 09/28/2018 N --- | 2,000,000.00 2,000,000.00 100.00 | 09/28/2015 09/28/2015 | NA NA --- | 2,000,000.00 2,016,695.89 | 16,695.89 0.00 | 2,000,000.00 2,016,695.89 |
| FLSAFE Term 3 FLST3 CD 0.80 --- | 09/28/2017 09/28/2017 N --- | 3,000,000.00 3,000,000.00 100.00 | 09/28/2015 09/28/2015 | NA NA --- | 3,000,000.00 3,018,213.70 | 18,213.70 0.00 | 3,000,000.00 3,018,213.70 |
| FLSAFE Term 2 FLST2 CD 0.60 --- | 09/28/2016 09/28/2016 N --- | 5,000,000.00 5,000,000.00 100.00 | 09/28/2015 09/28/2015 | NA NA --- | 5,000,000.00 5,022,767.12 | 22,767.12 0.00 | 5,000,000.00 5,022,767.12 |
| US BANCORP 91159HHD5 CORP 1.65 04/15/2017 | 04/15/2017 05/15/2017 Y 04/15/2017 | 1,014,440.00 1,000,000.00 100.479 | 02/19/2015 02/24/2015 | A1 A+ --- | 1,005,355.76 1,007,464.09 | 2,108.33 -565.76 | 1,004,790.00 1,006,898.33 |
| TOYOTA MOTOR CREDIT CORPORATION 89233P5E2 CORP 2.00 --- | 09/15/2016 09/15/2016 N --- | 1,014,340.00 1,000,000.00 100.243 | 07/10/2015 07/15/2015 | Aa3 AA- --- | 1,002,545.64 1,008,434.53 | 5,888.89 -115.64 | 1,002,430.00 1,008,318.89 |
| CHEVRON CORP 166764AE0 CORP 1.718 05/24/2018 | 05/24/2018 06/24/2018 Y 05/24/2018 | 1,011,540.00 1,000,000.00 101.168 | 01/21/2015 01/26/2015 | Aa2 AA- --- | 1,006,648.02 1,006,982.07 | 334.06 5,031.98 | 1,011,680.00 1,012,014.06 |
| PNC FUNDING CORP 693476BM4 CORP 2.70 08/19/2016 | 08/19/2016 09/19/2016 Y 08/19/2016 | 1,041,210.00 1,000,000.00 100.23 | 09/27/2013 10/02/2013 | A3 A- --- | 1,001,939.10 1,009,589.10 | 7,650.00 360.90 | 1,002,300.00 1,009,950.00 |
| 3M CO 88579YAD3 CORP 1.375 --- | 09/29/2016 09/29/2016 N --- | 1,024,050.00 1,000,000.00 100.183 | 03/12/2013 03/15/2013 | A1 AA- --- | 1,001,679.45 1,005,193.34 | 3,513.89 150.55 | 1,001,830.00 1,005,343.89 |
| COLGATE-PALMOLIVE CO 19416QEB2 CORP 0.90 --- | 05/01/2018 05/01/2018 N --- | 990,840.00 1,000,000.00 100.296 | 01/21/2015 01/26/2015 | Aa3 AA- --- | 994,811.56 996,311.56 | 1,500.00 8,148.44 | 1,002,960.00 1,004,460.00 |
| APPLE INC 037833AJ9 CORP 1.00 --- | 05/03/2018 05/03/2018 N --- | 741,622.50 750,000.00 100.246 | 06/09/2015 06/12/2015 | Aa1 AA+ --- | 744,633.85 745,842.18 | 1,208.33 7,211.15 | 751,845.00 753,053.33 |
| WELLS FARGO & CO 94974BFD7 CORP 2.10 --- | 05/08/2017 05/08/2017 N --- | 1,017,460.00 1,000,000.00 100.859 | 12/18/2014 12/23/2014 | A2 A --- | 1,006,336.96 1,009,428.63 | 3,091.67 2,253.04 | 1,008,590.00 1,011,681.67 |
| TORONTO DOMINION BANK 89114QAE8 CORP 2.375 --- | 10/19/2016 10/19/2016 N --- | 1,031,110.00 1,000,000.00 100.468 | 10/30/2014 11/04/2014 | Aa1 AA- --- | 1,004,801.57 1,009,551.57 | 4,750.00 -121.57 | 1,004,680.00 1,009,430.00 |

Holdings Report Trade Date

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Tamarac, City of Agg (43815)

Dated: 07/18/2016

| Description, Identifier, Security Type, Coupon | Effective Maturity, Final Maturity, Callable, Next Call Date | Original Cost, Current Units, Market Price | Trade Date, Settle Date | Moodys Rating, S&P Rating, Fitch Rating | Book Value, Book Value + Accrued | Accrued Balance, Net Unrealized Gain/Loss | Market Value, Market Value + Accrued |
|--|---|--|----------------------------|--|-------------------------------------|--|---|
| AMERICAN EXPRESS CREDIT CORP 0258MODG1 CORP 1.30 | 07/29/2016 07/29/2016 N --- | 1,008,146.00 1,000,000.00 100.035 | 01/08/2014 01/13/2014 | A2 A- --- | 1,000,248.76 1,005,737.65 | 5,488.89 101.24 | 1,000,350.00 1,005,838.89 |
| EXXON MOBIL CORP 30231GAL6 CORP 1.305 | 03/06/2018 03/06/2018 N --- | 1,000,880.00 1,000,000.00 100.78 | 03/04/2015 03/09/2015 | Aaa AA+ --- | 1,000,498.98 1,004,667.73 | 4,168.75 7,301.02 | 1,007,800.00 1,011,968.75 |
| FLSAFE (allocation from 05 Bond Proceeds) FLSAFE3 MMFUND 0.10 | 06/30/2016 06/30/2016 N --- | 1,891,411.57 1,891,411.57 1.00 | --- | NA NA --- | 1,891,411.57 | 0.00 0.00 | 1,891,411.57 1,891,411.57 |
| FLSAFE FLSAFE MMFUND 0.10 | 06/30/2016 06/30/2016 N --- | 20,047,900.11 20,047,900.11 1.00 | --- | NA NA --- | 20,047,900.11 20,047,900.11 | 0.00 -0.00 | 20,047,900.11 20,047,900.11 |
| Wells Fargo WF ACT MMFUND 0.02 | 06/30/2016 06/30/2016 N --- | 1,981,310.73 1,981,411.57 1.00 | --- | NA NA --- | 1,981,310.73 1,981,310.73 | 0.00 0.00 | 1,981,310.73 1,981,310.73 |
| TD BANK TDBK CONS ACT MMFUND 0.30 | 06/30/2016 06/30/2016 N --- | 71,674,007.88 71,674,007.88 1.00 | --- | NA NA --- | 71,674,007.88 71,674,007.88 | 0.00 0.00 | 71,674,007.88 71,674,007.88 |
| FLSAFE (allocation from 05 Bond Proceeds) FLSAFE3 MMFUND 0.10 | 06/30/2016 06/30/2016 N --- | 1,266,672.55 1,266,672.55 1.00 | --- | NA NA --- | 1,266,672.55 1,266,672.55 | 0.00 -0.00 | 1,266,672.55 1,266,672.55 |
| SBA FL SBA MMFUND 0.16 | 06/30/2016 06/30/2016 N --- | 3,238.61 3,238.61 1.00 | --- | NA NA --- | 3,238.61 3,238.61 | 0.00 0.00 | 3,238.61 3,238.61 |
| Invesco Treasury Inst 825252406 MMFUND 0.25 | 06/30/2016 06/30/2016 N --- | 1,815,681.19 1,815,681.19 1.00 | --- | Aaa AAAm --- | 1,815,681.19 1,815,681.19 | 0.00 0.00 | 1,815,681.19 1,815,681.19 |
| MARYLAND ST 574193HL5 MUNI 0.95 | 08/01/2016 08/01/2016 N --- | 1,004,700.00 1,000,000.00 100.04 | 07/26/2013 08/06/2013 | Aaa AAA --- | 1,000,135.36 1,004,093.69 | 3,958.33 264.64 | 1,000,400.00 1,004,358.33 |
| WASHINGTON ST 93974DAL2 MUNI 0.85 | 08/01/2016 08/01/2016 N --- | 1,000,500.00 1,000,000.00 100.048 | 08/08/2013 08/21/2013 | Aa1 AA+ --- | 1,000,014.58 1,003,556.25 | 3,541.67 465.42 | 1,000,480.00 1,004,021.67 |
| UNITED STATES TREASURY 912828UR9 US GOV 0.75 | 02/28/2018 02/28/2018 N --- | 995,781.25 1,000,000.00 100.273 | 03/16/2016 03/16/2016 | Aaa AA+ --- | 996,404.02 998,910.81 | 2,506.79 6,325.98 | 1,002,730.00 1,005,236.79 |
| UNITED STATES TREASURY 912828VE7 US GOV 1.00 | 05/31/2018 05/31/2018 N --- | 2,003,359.38 2,000,000.00 100.773 | 05/25/2016 05/26/2016 | Aaa AA+ --- | 2,003,197.03 2,004,891.02 | 1,693.99 12,262.97 | 2,015,460.00 2,017,153.99 |
| UNITED STATES TREASURY 912828TS9 US GOV 0.625 | 09/30/2017 09/30/2017 N --- | 1,992,968.75 2,000,000.00 100.094 | 11/05/2015 11/05/2015 | Aaa AA+ --- | 1,995,373.27 1,998,515.34 | 3,142.08 6,506.73 | 2,001,880.00 2,005,022.08 |
| UNITED STATES TREASURY 912828K25 US GOV 0.75 | 04/15/2018 04/15/2018 N --- | 992,695.31 1,000,000.00 100.27 | 05/07/2015 05/08/2015 | Aaa AA+ --- | 995,525.10 997,102.97 | 1,577.87 7,174.90 | 1,002,700.00 1,004,277.87 |
| UNITED STATES TREASURY 912828WF3 US GOV 0.625 | 11/15/2016 11/15/2016 N --- | 997,421.88 1,000,000.00 100.098 | 01/21/2014 01/23/2014 | Aaa AA+ --- | 999,655.71 1,000,453.94 | 798.23 1,324.29 | 1,000,980.00 1,001,778.23 |

Holdings Report Trade Date

Tamarac, City of Agg (43815)

As of 06/30/2016

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Dated: 07/18/2016

| <i>Description, Identifier, Security Type, Coupon</i> | <i>Effective Maturity, Final Maturity, Callable, Next Call Date</i> | <i>Original Cost, Current Units, Market Price</i> | <i>Trade Date, Settle Date</i> | <i>Moody's Rating, S&P Rating, Fitch Rating</i> | <i>Book Value, Book Value + Accrued</i> | <i>Accrued Balance, Net Unrealized Gain/Loss</i> | <i>Market Value, Market Value + Accrued</i> |
|---|---|---|------------------------------------|---|---|--|---|
| --- | 09/29/2016 | 134,512,278.71 | --- | Aa3 | 134,389,276.23 | 124,828.42 | 134,456,722.14 |
| --- | 09/30/2016 | 134,380,222.64 | --- | AA- | 134,514,104.64 | 67,445.91 | 134,581,550.56 |
| --- | --- | --- | --- | --- | --- | --- | --- |

* Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Income Detail Report Trade Date

Tamarac, City of Agg (43815)

06/01/2016 - 06/30/2016

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Dated: 07/18/2016

| Identifier, Description | Final Maturity | Current Units | Earned Interest Income | Realized Gain, Realized Loss | Accretion Income | Amortization Expense | Misc Income | Net Earned Income | Interest Payment Received, Ending Interest Due |
|--|----------------|---------------|---------------------------|---------------------------------|------------------|----------------------|-------------|-------------------|--|
| FLST4 FLSAFE Term 4 | 09/28/2018 | 2,000,000.00 | 1,808.22 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 1,808.22 | 0.00 0.00 |
| 166764AE0 CHEVRON CORP | 06/24/2018 | 1,000,000.00 | 1,431.67 | 0.00 0.00 | 0.00 | -282.74 | 0.00 | 1,148.93 | 8,590.00 0.00 |
| 912828VE7 UNITED STATES TREASURY | 05/31/2018 | 2,000,000.00 | 1,639.34 | 0.00 0.00 | 0.00 | -135.84 | 0.00 | 1,503.50 | 0.00 0.00 |
| 037833AJ9 APPLE INC | 05/03/2018 | 750,000.00 | 625.00 | 0.00 0.00 | 235.10 | 0.00 | 0.00 | 860.10 | 0.00 0.00 |
| 19416QEB2 COLGATE-PALMOLIVE CO | 05/01/2018 | 1,000,000.00 | 750.00 | 0.00 0.00 | 228.37 | 0.00 | 0.00 | 978.37 | 0.00 0.00 |
| 912828K25 UNITED STATES TREASURY | 04/15/2018 | 1,000,000.00 | 614.75 | 0.00 0.00 | 203.24 | 0.00 | 0.00 | 818.00 | 0.00 0.00 |
| 30231GAL6 EXXON MOBIL CORP | 03/06/2018 | 1,000,000.00 | 1,087.50 | 0.00 0.00 | 0.00 | -23.91 | 0.00 | 1,063.59 | 0.00 0.00 |
| 912828UR9 UNITED STATES TREASURY | 02/28/2018 | 1,000,000.00 | 611.41 | 0.00 0.00 | 174.61 | 0.00 | 0.00 | 786.02 | 0.00 0.00 |
| 3137EADN6 FREDDIE MAC | 01/12/2018 | 500,000.00 | 312.50 | 0.00 0.00 | 80.71 | 0.00 | 0.00 | 393.21 | 0.00 0.00 |
| 912828TS9 UNITED STATES TREASURY | 09/30/2017 | 2,000,000.00 | 1,024.59 | 0.00 0.00 | 302.25 | 0.00 | 0.00 | 1,326.84 | 0.00 0.00 |
| FLST3 FLSAFE Term 3 | 09/28/2017 | 3,000,000.00 | 1,972.60 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 1,972.60 | 0.00 0.00 |
| 313379FW4 FEDERAL HOME LOAN BANKS | 06/09/2017 | 450,000.00 | 375.00 | 0.00 0.00 | 0.00 | -66.18 | 0.00 | 308.82 | 2,250.00 0.00 |
| 91159HHD5 US BANCORP | 05/15/2017 | 1,000,000.00 | 1,375.00 | 0.00 0.00 | 0.00 | -552.14 | 0.00 | 822.86 | 0.00 0.00 |
| 94974BFD7 WELLS FARGO & CO | 05/08/2017 | 1,000,000.00 | 1,750.00 | 0.00 0.00 | 0.00 | -603.06 | 0.00 | 1,146.94 | 0.00 0.00 |
| FLST7 FLSAFE Term 7 | 03/27/2017 | 3,000,000.00 | 172.60 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 172.60 | 0.00 0.00 |
| FLST6 FLSAFE Term 6 | 11/22/2016 | 2,000,000.00 | 986.30 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 986.30 | 0.00 0.00 |
| 912828WF3 UNITED STATES TREASURY | 11/15/2016 | 1,000,000.00 | 509.51 | 0.00 0.00 | 75.39 | 0.00 | 0.00 | 584.90 | 0.00 0.00 |
| 89114QAE8 TORONTO DOMINION BANK | 10/19/2016 | 1,000,000.00 | 1,979.17 | 0.00 0.00 | 0.00 | -1,309.52 | 0.00 | 669.65 | 0.00 0.00 |
| 88579YAD3 3M CO | 09/29/2016 | 1,000,000.00 | 1,145.83 | 0.00 0.00 | 0.00 | -559.82 | 0.00 | 586.02 | 0.00 0.00 |
| FLST2 FLSAFE Term 2 | 09/28/2016 | 5,000,000.00 | 2,465.75 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 2,465.75 | 0.00 0.00 |
| 693476BM4 PNC FUNDING CORP | 09/19/2016 | 1,000,000.00 | 2,250.00 | 0.00 0.00 | 0.00 | -1,187.21 | 0.00 | 1,062.79 | 0.00 0.00 |
| 89233P5E2 TOYOTA MOTOR CREDIT CORPORATION | 09/15/2016 | 1,000,000.00 | 1,666.67 | 0.00 0.00 | 0.00 | -1,004.86 | 0.00 | 661.81 | 0.00 0.00 |
| 574193HL5 MARYLAND ST | 08/01/2016 | 1,000,000.00 | 791.67 | 0.00 0.00 | 0.00 | -130.99 | 0.00 | 660.68 | 0.00 0.00 |
| 93974DAL2 WASHINGTON ST | 08/01/2016 | 1,000,000.00 | 708.33 | 0.00 0.00 | 0.00 | -14.11 | 0.00 | 694.22 | 0.00 0.00 |
| 0258M0DG1 AMERICAN EXPRESS CREDIT CORP | 07/29/2016 | 1,000,000.00 | 1,083.33 | 0.00 0.00 | 0.00 | -266.53 | 0.00 | 816.80 | 0.00 0.00 |
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) | 06/30/2016 | 1,891,411.57 | 0.00 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 |
| FLSAFE FLSAFE | 06/30/2016 | 20,047,900.11 | 8,439.23 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 8,439.23 | 8,439.23 0.00 |
| WF ACT Wells Fargo | 06/30/2016 | 1,981,310.73 | 29.19 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 29.19 | 29.19 0.00 |
| TDBK CONS ACT TD BANK | 06/30/2016 | 71,674,007.88 | 0.00 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 |
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) | 06/30/2016 | 1,266,672.55 | 1,172.05 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 1,172.05 | 1,172.05 0.00 |

Income Detail Report Trade Date

Tamarac, City of Agg (43815)

06/01/2016 - 06/30/2016

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Dated: 07/18/2016

| Identifier, Description | Final Maturity | Current Units | Earned Interest Income | Realized Gain, Realized Loss | Accretion Income | Amortization Expense | Misc Income | Net Earned Income | Interest Payment Received, Ending Interest Due |
|------------------------------------|-------------------|-----------------------|---------------------------|---------------------------------|------------------|----------------------|--------------|-------------------|--|
| FL SBA SBA | 06/30/2016 | 3,238.61 | 1.78 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 1.78 | 1.78 0.00 |
| 825252406 Invesco Treasury:Inst | 06/30/2016 | 1,815,681.19 | 339.46 | 0.00 -0.00 | 0.00 | 0.00 | 0.00 | 339.46 | 506.33 339.83 |
| CCYUSD Cash | 06/30/2016 | 0.00 | 0.00 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 0.00 |
| CCYUSD Cash | 06/30/2016 | 0.00 | 0.00 | 0.00 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 0.00 |
| --- | 09/30/2016 | 134,380,222.64 | 39,118.47 | 0.00 -0.00 | 1,299.68 | -6,136.90 | -0.00 | 34,281.25 | 20,988.58 339.83 |

* Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Transactions Realized Gain Loss Report

06/01/2016 - 06/30/2016

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Tamarac, City of Agg (43815)

Dated: 07/18/2016

* Does not Lock Down.

| Identifier | Description | Current Units | Type | Settle Date | Price | Principal | Realized Gain/Loss | Amount |
|---------------|---|---------------|--------------------|-------------|--------|---------------|--------------------|---------------|
| 825252406 | Invesco Treasury:Inst | 0.00 | Money Market Funds | 05/31/2016 | --- | 0.00 | 0.00 | 506.33 |
| 825252406 | Invesco Treasury:Inst | 506.33 | Buy | 06/02/2016 | 1.00 | 506.33 | 0.00 | -506.33 |
| 313379FW4 | FEDERAL HOME LOAN BANKS | 0.00 | Coupon | 06/09/2016 | --- | 0.00 | 0.00 | 2,250.00 |
| 825252406 | Invesco Treasury:Inst | 2,250.00 | Buy | 06/09/2016 | 1.00 | 2,250.00 | 0.00 | -2,250.00 |
| 166764AE0 | CHEVRON CORP | 0.00 | Coupon | 06/24/2016 | --- | 0.00 | 0.00 | 8,590.00 |
| 825252406 | Invesco Treasury:Inst | 8,590.00 | Buy | 06/24/2016 | 1.00 | 8,590.00 | 0.00 | -8,590.00 |
| WF ACT | Wells Fargo | 0.00 | Money Market Funds | 06/30/2016 | --- | 0.00 | 0.00 | 29.19 |
| WF ACT | Wells Fargo | 29.19 | Buy | 06/30/2016 | 1.00 | 29.19 | 0.00 | -29.19 |
| WF ACT | Wells Fargo | 5,229.73 | Buy | 06/30/2016 | 1.00 | 5,229.73 | 0.00 | -5,229.73 |
| WF ACT | Wells Fargo | -1,552.61 | Sell | 06/30/2016 | 1.00 | -1,552.61 | 0.00 | 1,552.61 |
| FLSAFE | FLSAFE | 0.00 | Money Market Funds | 06/30/2016 | --- | 0.00 | 0.00 | 8,439.23 |
| FLSAFE | FLSAFE | 8,439.23 | Buy | 06/30/2016 | 1.00 | 8,439.23 | 0.00 | -8,439.23 |
| FLSAFE | FLSAFE | -3,000,000.00 | Sell | 06/30/2016 | 1.00 | -3,000,000.00 | 0.00 | 3,000,000.00 |
| FL SBA | SBA | 0.00 | Money Market Funds | 06/30/2016 | --- | 0.00 | 0.00 | 1.78 |
| FL SBA | SBA | 1.78 | Buy | 06/30/2016 | 1.00 | 1.78 | 0.00 | -1.78 |
| FLST7 | FLSAFE Term 7 | 3,000,000.00 | Buy | 06/30/2016 | 100.00 | 3,000,000.00 | 0.00 | -3,000,000.00 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | -3,000,000.00 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | 5,839,948.19 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | -8,234,994.62 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | 5,229.73 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | -1,552.61 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | 3,000,000.00 |
| TDBK CONS ACT | TD BANK | 5,839,948.19 | Buy | 06/30/2016 | 1.00 | 5,839,948.19 | 0.00 | -5,839,948.19 |
| TDBK CONS ACT | TD BANK | -8,234,994.62 | Sell | 06/30/2016 | 1.00 | -8,234,994.62 | 0.00 | 8,234,994.62 |
| 825252406 | Invesco Treasury:Inst | 0.00 | Money Market Funds | 06/30/2016 | --- | 0.00 | 0.00 | 339.69 |
| FLSAFE3 | FLSAFE (allocation from 05 Bond Proceeds) | 1,172.05 | Buy | 06/30/2016 | 1.00 | 1,172.05 | 0.00 | -1,172.05 |
| FLSAFE3 | FLSAFE (allocation from 05 Bond Proceeds) | 0.00 | Money Market Funds | 06/30/2016 | --- | 0.00 | 0.00 | 1,172.05 |
| --- | --- | -2,370,380.73 | --- | --- | --- | -2,370,380.73 | 0.00 | 339.69 |

* Filtered By: Type = Buy or Type = Sell or Type = Call Redemption or Type = Put Redemption or Type = Corporate Action Sell or Type = Cash Transfer or Type = Maturity or Type = Coupon or Type = Principal Paydown or Type = Money Market Funds. * MMF transactions are expanded.

* The Transaction Detail/Trading Activity reports provide our most up-to-date transactional details. As such, these reports are subject to change even after the other reports on the website have been locked down. While these reports can be useful tools in understanding recent activity, due to their dynamic nature we do not recommend using them for booking journal entries or reconciliation.

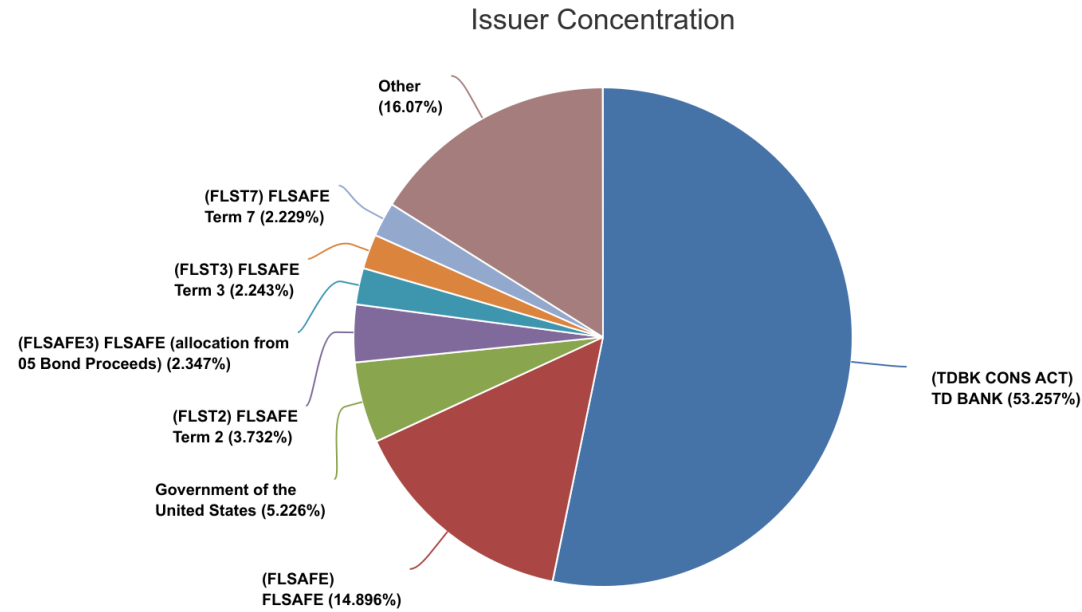
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(FL SBA) SBA

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|---------------|---------------|-----------------------------------|-----------------|--------------|-----------|-------------|-------------|-------------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| FL SBA | MMFUND | SBA (FL SBA) SBA | 3,238.61 | Fixed | N | 0.00 | 0.35 | 0.35 | 06/30/2016 06/30/2016 | 0.00 | 3,238.61 3,238.61 | 3,238.61 3,238.61 |
| FL SBA | MMFUND | SBA (FL SBA) SBA | 3,238.61 | Fixed | N | 0.00 | 0.35 | 0.35 | 06/30/2016 06/30/2016 | 0.00 | 3,238.61 3,238.61 | 3,238.61 3,238.61 |

(FLSAFE) FLSAFE

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|---------------|---------------|-----------------------------------|----------------------|--------------|-----------|-------------|-------------|-------------|------------------------------------|-----------------|--|--|
| FLSAFE | MMFUND | FLSAFE (FLSAFE) FLSAFE | 20,047,900.11 | Fixed | N | 0.00 | 0.45 | 0.45 | 06/30/2016 06/30/2016 | 0.00 | 20,047,900.11 20,047,900.11 | 20,047,900.11 20,047,900.11 |
| FLSAFE | MMFUND | FLSAFE (FLSAFE) FLSAFE | 20,047,900.11 | Fixed | N | 0.00 | 0.45 | 0.45 | 06/30/2016 06/30/2016 | 0.00 | 20,047,900.11 20,047,900.11 | 20,047,900.11 20,047,900.11 |

(FLSAFE3) FLSAFE (allocation from 05 Bond Proceeds)

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|---|---------------|-------------|-----------|----------|------------|-------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| FLSAFE3 | MMFUND | FLSAFE (allocation from 05 Bond Proceeds) (FLSAFE3) FLSAFE (allocation from 05 Bond Proceeds) | 1,891,411.57 | Fixed | N | 0.00 | 0.40 | 0.40 | 06/30/2016 06/30/2016 | 0.00 | 1,891,411.57 1,891,411.57 | 1,891,411.57 1,891,411.57 |

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| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|----------------|---------------|--|---------------------|--------------|--------------|-------------|---------------|-------------|--|-----------------|--------------------------------------|---|
| FLSAFE3 | MMFUND | FLSAFE (allocation from 05 Bond Proceeds) (FLSAFE3) FLSAFE (allocation from 05 Bond Proceeds) | 1,266,672.55 | Fixed | N | 0.00 | 0.40 | 0.40 | 06/30/2016 06/30/2016 | 0.00 | 1,266,672.55 1,266,672.55 | 1,266,672.55 1,266,672.55 |
| FLSAFE3 | MMFUND | FLSAFE (allocation from 05 Bond Proceeds) (FLSAFE3) FLSAFE (allocation from 05 Bond Proceeds) | 3,158,084.12 | Fixed | N | 0.00 | 0.40 | 0.40 | 06/30/2016 06/30/2016 | 0.00 | 3,158,084.12 3,158,084.12 | 3,158,084.12 3,158,084.12 |

(FLST2) FLSAFE Term 2

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--------------|---------------|--|---------------------|--------------|--------------|--------------|---------------|--------------|--|------------------|--------------------------------------|---|
| FLST2 | CD | FLSAFE Term 2 (FLST2) FLSAFE Term 2 | 5,000,000.00 | Fixed | N | 0.243 | 0.60 | 0.597 | 09/28/2016 09/28/2016 | 22,767.12 | 5,000,000.00 5,022,767.12 | 5,000,000.00 5,022,767.12 |
| FLST2 | CD | FLSAFE Term 2 (FLST2) FLSAFE Term 2 | 5,000,000.00 | Fixed | N | 0.243 | 0.60 | 0.597 | 09/28/2016 09/28/2016 | 22,767.12 | 5,000,000.00 5,022,767.12 | 5,000,000.00 5,022,767.12 |

(FLST3) FLSAFE Term 3

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--------------|---------------|--|---------------------|--------------|--------------|--------------|---------------|--------------|--|------------------|--------------------------------------|---|
| FLST3 | CD | FLSAFE Term 3 (FLST3) FLSAFE Term 3 | 3,000,000.00 | Fixed | N | 1.232 | 0.80 | 0.795 | 09/28/2017 09/28/2017 | 18,213.70 | 3,000,000.00 3,018,213.70 | 3,000,000.00 3,018,213.70 |
| FLST3 | CD | FLSAFE Term 3 (FLST3) FLSAFE Term 3 | 3,000,000.00 | Fixed | N | 1.232 | 0.80 | 0.795 | 09/28/2017 09/28/2017 | 18,213.70 | 3,000,000.00 3,018,213.70 | 3,000,000.00 3,018,213.70 |

(FLST4) FLSAFE Term 4

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--------------|---------------|--|---------------------|--------------|--------------|-------------|---------------|--------------|--|------------------|--------------------------------------|---|
| FLST4 | CD | FLSAFE Term 4 (FLST4) FLSAFE Term 4 | 2,000,000.00 | Fixed | N | 2.19 | 1.10 | 1.091 | 09/28/2018 09/28/2018 | 16,695.89 | 2,000,000.00 2,016,695.89 | 2,000,000.00 2,016,695.89 |
| FLST4 | CD | FLSAFE Term 4 (FLST4) FLSAFE Term 4 | 2,000,000.00 | Fixed | N | 2.19 | 1.10 | 1.091 | 09/28/2018 09/28/2018 | 16,695.89 | 2,000,000.00 2,016,695.89 | 2,000,000.00 2,016,695.89 |

(FLST6) FLSAFE Term 6

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--------------|---------------|--|---------------------|--------------|--------------|--------------|---------------|--------------|--|-----------------|--------------------------------------|---|
| FLST6 | CD | FLSAFE Term 6 (FLST6) FLSAFE Term 6 | 2,000,000.00 | Fixed | N | 0.394 | 0.60 | 0.598 | 11/22/2016 11/22/2016 | 8,021.92 | 2,000,000.00 2,008,021.92 | 2,000,000.00 2,008,021.92 |
| FLST6 | CD | FLSAFE Term 6 (FLST6) FLSAFE Term 6 | 2,000,000.00 | Fixed | N | 0.394 | 0.60 | 0.598 | 11/22/2016 11/22/2016 | 8,021.92 | 2,000,000.00 2,008,021.92 | 2,000,000.00 2,008,021.92 |

(FLST7) FLSAFE Term 7

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--------------|---------------|--|---------------------|--------------|--------------|--------------|---------------|-------------|--|-----------------|--------------------------------------|---|
| FLST7 | CD | FLSAFE Term 7 (FLST7) FLSAFE Term 7 | 3,000,000.00 | Fixed | N | 0.733 | 0.70 | 0.70 | 03/27/2017 03/27/2017 | 172.60 | 3,000,000.00 3,000,172.60 | 3,000,000.00 3,000,172.60 |
| FLST7 | CD | FLSAFE Term 7 (FLST7) FLSAFE Term 7 | 3,000,000.00 | Fixed | N | 0.733 | 0.70 | 0.70 | 03/27/2017 03/27/2017 | 172.60 | 3,000,000.00 3,000,172.60 | 3,000,000.00 3,000,172.60 |

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(TDBK CONS ACT) TD BANK

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|----------------------|---------------|--|----------------------|--------------|-----------|-------------|-------------|-------------|------------------------------------|-----------------|--|--|
| TDBK CONS ACT | MMFUND | TD BANK (TDBK CONS ACT) TD BANK | 71,674,007.88 | Fixed | N | 0.00 | 0.30 | 0.30 | 06/30/2016 06/30/2016 | 0.00 | 71,674,007.88 71,674,007.88 | 71,674,007.88 71,674,007.88 |
| TDBK CONS ACT | MMFUND | TD BANK (TDBK CONS ACT) TD BANK | 71,674,007.88 | Fixed | N | 0.00 | 0.30 | 0.30 | 06/30/2016 06/30/2016 | 0.00 | 71,674,007.88 71,674,007.88 | 71,674,007.88 71,674,007.88 |

(WF ACT) Wells Fargo

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|---------------|---------------|---|---------------------|--------------|-----------|-------------|-------------|-------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| WF ACT | MMFUND | Wells Fargo (WF ACT) Wells Fargo | 1,981,310.73 | Fixed | N | 0.00 | 0.02 | 0.02 | 06/30/2016 06/30/2016 | 0.00 | 1,981,310.73 1,981,310.73 | 1,981,310.73 1,981,310.73 |
| WF ACT | MMFUND | Wells Fargo (WF ACT) Wells Fargo | 1,981,310.73 | Fixed | N | 0.00 | 0.02 | 0.02 | 06/30/2016 06/30/2016 | 0.00 | 1,981,310.73 1,981,310.73 | 1,981,310.73 1,981,310.73 |

3M Company

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|-----------------------------------|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 88579YAD3 | CORP | 3M CO 3M Company | 1,000,000.00 | Fixed | N | 0.247 | 0.686 | 0.631 | 09/29/2016 09/29/2016 | 3,513.89 | 1,001,679.45 1,005,193.34 | 1,001,830.00 1,005,343.89 |
| 88579YAD3 | CORP | 3M CO 3M Company | 1,000,000.00 | Fixed | N | 0.247 | 0.686 | 0.631 | 09/29/2016 09/29/2016 | 3,513.89 | 1,001,679.45 1,005,193.34 | 1,001,830.00 1,005,343.89 |

American Express Company

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|--|---------------------|--------------|-----------|-------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 0258M0DG1 | CORP | AMERICAN EXPRESS CREDIT CORP American Express Company | 1,000,000.00 | Fixed | N | 0.08 | 0.975 | 0.861 | 07/29/2016 07/29/2016 | 5,488.89 | 1,000,248.76 1,005,737.65 | 1,000,350.00 1,005,838.89 |
| 0258M0DG1 | CORP | AMERICAN EXPRESS CREDIT CORP American Express Company | 1,000,000.00 | Fixed | N | 0.08 | 0.975 | 0.861 | 07/29/2016 07/29/2016 | 5,488.89 | 1,000,248.76 1,005,737.65 | 1,000,350.00 1,005,838.89 |

Apple Inc.

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|-----------------------------------|-------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| 037833AJ9 | CORP | APPLE INC Apple Inc. | 750,000.00 | Fixed | N | 1.819 | 1.395 | 0.865 | 05/03/2018 05/03/2018 | 1,208.33 | 744,633.85 745,842.18 | 751,845.00 753,053.33 |
| 037833AJ9 | CORP | APPLE INC Apple Inc. | 750,000.00 | Fixed | N | 1.819 | 1.395 | 0.865 | 05/03/2018 05/03/2018 | 1,208.33 | 744,633.85 745,842.18 | 751,845.00 753,053.33 |

Chevron Corporation

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 166764AE0 | CORP | CHEVRON CORP Chevron Corporation | 1,000,000.00 | Fixed | Y | 1.862 | 1.362 | 1.095 | 05/24/2018 06/24/2018 | 334.06 | 1,006,648.02 1,006,982.07 | 1,011,680.00 1,012,014.06 |
| 166764AE0 | CORP | CHEVRON CORP Chevron Corporation | 1,000,000.00 | Fixed | Y | 1.862 | 1.362 | 1.095 | 05/24/2018 06/24/2018 | 334.06 | 1,006,648.02 1,006,982.07 | 1,011,680.00 1,012,014.06 |

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Colgate-Palmolive Company

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| 19416QEB2 | CORP | COLGATE-PALMOLIVE CO Colgate-Palmolive Company | 1,000,000.00 | Fixed | N | 1.816 | 1.187 | 0.737 | 05/01/2018 05/01/2018 | 1,500.00 | 994,811.56 996,311.56 | 1,002,960.00 1,004,460.00 |
| 19416QEB2 | CORP | COLGATE-PALMOLIVE CO Colgate-Palmolive Company | 1,000,000.00 | Fixed | N | 1.816 | 1.187 | 0.737 | 05/01/2018 05/01/2018 | 1,500.00 | 994,811.56 996,311.56 | 1,002,960.00 1,004,460.00 |

Exxon Mobil Corporation

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 30231GAL6 | CORP | EXXON MOBIL CORP Exxon Mobil Corporation | 1,000,000.00 | Fixed | N | 1.657 | 1.275 | 0.837 | 03/06/2018 03/06/2018 | 4,168.75 | 1,000,498.98 1,004,667.73 | 1,007,800.00 1,011,968.75 |
| 30231GAL6 | CORP | EXXON MOBIL CORP Exxon Mobil Corporation | 1,000,000.00 | Fixed | N | 1.657 | 1.275 | 0.837 | 03/06/2018 03/06/2018 | 4,168.75 | 1,000,498.98 1,004,667.73 | 1,007,800.00 1,011,968.75 |

Federal Home Loan Mortgage Corporation

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|------------------|---|-------------------|--------------|-----------|--------------|-------------|--------------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| 3137EADN6 | AGCY BOND | FREDDIE MAC Federal Home Loan Mortgage Corporation | 500,000.00 | Fixed | N | 1.517 | 0.95 | 0.638 | 01/12/2018 01/12/2018 | 1,760.42 | 498,487.55 500,247.96 | 500,855.00 502,615.42 |
| 3137EADN6 | AGCY BOND | FREDDIE MAC Federal Home Loan Mortgage Corporation | 500,000.00 | Fixed | N | 1.517 | 0.95 | 0.638 | 01/12/2018 01/12/2018 | 1,760.42 | 498,487.55 500,247.96 | 500,855.00 502,615.42 |

FHLBanks Office of Finance

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|------------------|---|-------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| 313379FW4 | AGCY BOND | FEDERAL HOME LOAN BANKS FHLBanks Office of Finance | 450,000.00 | Fixed | N | 0.936 | 0.819 | 0.583 | 06/09/2017 06/09/2017 | 275.00 | 450,761.34 451,036.34 | 451,759.50 452,034.50 |
| 313379FW4 | AGCY BOND | FEDERAL HOME LOAN BANKS FHLBanks Office of Finance | 450,000.00 | Fixed | N | 0.936 | 0.819 | 0.583 | 06/09/2017 06/09/2017 | 275.00 | 450,761.34 451,036.34 | 451,759.50 452,034.50 |

Government of the United States

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|---|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 912828UR9 | US GOV | UNITED STATES TREASURY Government of the United States | 1,000,000.00 | Fixed | N | 1.652 | 0.968 | 0.585 | 02/28/2018 02/28/2018 | 2,506.79 | 996,404.02 998,910.81 | 1,002,730.00 1,005,236.79 |
| 912828VE7 | US GOV | UNITED STATES TREASURY Government of the United States | 2,000,000.00 | Fixed | N | 1.898 | 0.916 | 0.594 | 05/31/2018 05/31/2018 | 1,693.99 | 2,003,197.03 2,004,891.02 | 2,015,460.00 2,017,153.99 |
| 912828TS9 | US GOV | UNITED STATES TREASURY Government of the United States | 2,000,000.00 | Fixed | N | 1.243 | 0.812 | 0.549 | 09/30/2017 09/30/2017 | 3,142.08 | 1,995,373.27 1,998,515.34 | 2,001,880.00 2,005,022.08 |
| 912828K25 | US GOV | UNITED STATES TREASURY Government of the United States | 1,000,000.00 | Fixed | N | 1.776 | 1.003 | 0.598 | 04/15/2018 04/15/2018 | 1,577.87 | 995,525.10 997,102.97 | 1,002,700.00 1,004,277.87 |
| 912828WF3 | US GOV | UNITED STATES TREASURY Government of the United States | 1,000,000.00 | Fixed | N | 0.374 | 0.718 | 0.363 | 11/15/2016 11/15/2016 | 798.23 | 999,655.71 1,000,453.94 | 1,000,980.00 1,001,778.23 |
| --- | US GOV | UNITED STATES TREASURY Government of the United States | 7,000,000.00 | Fixed | N | 1.442 | 0.878 | 0.548 | 12/13/2017 12/13/2017 | 9,718.96 | 6,990,155.13 6,999,874.09 | 7,023,750.00 7,033,468.96 |

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Maryland, State of

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---------------------------------------|---------------------|--------------|-----------|--------------|-------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 574193HL5 | MUNI | MARYLAND ST Maryland, State of | 1,000,000.00 | Fixed | N | 0.086 | 0.79 | 0.483 | 08/01/2016 08/01/2016 | 3,958.33 | 1,000,135.36 1,004,093.69 | 1,000,400.00 1,004,358.33 |
| 574193HL5 | MUNI | MARYLAND ST Maryland, State of | 1,000,000.00 | Fixed | N | 0.086 | 0.79 | 0.483 | 08/01/2016 08/01/2016 | 3,958.33 | 1,000,135.36 1,004,093.69 | 1,000,400.00 1,004,358.33 |

Short-Term Investments Trust

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|-------------|-------------|-------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 825252406 | MMFUND | Invesco Treasury;Inst Short-Term Investments Trust | 1,815,681.19 | Fixed | N | 0.00 | 0.25 | 0.25 | 06/30/2016 06/30/2016 | 0.00 | 1,815,681.19 1,815,681.19 | 1,815,681.19 1,815,681.19 |
| 825252406 | MMFUND | Invesco Treasury;Inst Short-Term Investments Trust | 1,815,681.19 | Fixed | N | 0.00 | 0.25 | 0.25 | 06/30/2016 06/30/2016 | 0.00 | 1,815,681.19 1,815,681.19 | 1,815,681.19 1,815,681.19 |

The PNC Financial Services Group, Inc.

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|--|---------------------|--------------|-----------|--------------|--------------|-------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 693476BM4 | CORP | PNC FUNDING CORP The PNC Financial Services Group, Inc. | 1,000,000.00 | Fixed | Y | 0.097 | 1.239 | 1.00 | 08/19/2016 09/19/2016 | 7,650.00 | 1,001,939.10 1,009,589.10 | 1,002,300.00 1,009,950.00 |
| 693476BM4 | CORP | PNC FUNDING CORP The PNC Financial Services Group, Inc. | 1,000,000.00 | Fixed | Y | 0.097 | 1.239 | 1.00 | 08/19/2016 09/19/2016 | 7,650.00 | 1,001,939.10 1,009,589.10 | 1,002,300.00 1,009,950.00 |

The Toronto-Dominion Bank

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|--|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 89114QAE8 | CORP | TORONTO DOMINION BANK The Toronto-Dominion Bank | 1,000,000.00 | Fixed | N | 0.302 | 0.771 | 0.822 | 10/19/2016 10/19/2016 | 4,750.00 | 1,004,801.57 1,009,551.57 | 1,004,680.00 1,009,430.00 |
| 89114QAE8 | CORP | TORONTO DOMINION BANK The Toronto-Dominion Bank | 1,000,000.00 | Fixed | N | 0.302 | 0.771 | 0.822 | 10/19/2016 10/19/2016 | 4,750.00 | 1,004,801.57 1,009,551.57 | 1,004,680.00 1,009,430.00 |

Toyota Motor Corporation

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 89233P5E2 | CORP | TOYOTA MOTOR CREDIT CORPORATION Toyota Motor Corporation | 1,000,000.00 | Fixed | N | 0.208 | 0.763 | 0.827 | 09/15/2016 09/15/2016 | 5,888.89 | 1,002,545.64 1,008,434.53 | 1,002,430.00 1,008,318.89 |
| 89233P5E2 | CORP | TOYOTA MOTOR CREDIT CORPORATION Toyota Motor Corporation | 1,000,000.00 | Fixed | N | 0.208 | 0.763 | 0.827 | 09/15/2016 09/15/2016 | 5,888.89 | 1,002,545.64 1,008,434.53 | 1,002,430.00 1,008,318.89 |

U.S. Bancorp

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|-----------------------------------|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 91159HHD5 | CORP | US BANCORP U.S. Bancorp | 1,000,000.00 | Fixed | Y | 0.676 | 0.967 | 1.041 | 04/15/2017 05/15/2017 | 2,108.33 | 1,005,355.76 1,007,464.09 | 1,004,790.00 1,006,898.33 |
| 91159HHD5 | CORP | US BANCORP U.S. Bancorp | 1,000,000.00 | Fixed | Y | 0.676 | 0.967 | 1.041 | 04/15/2017 05/15/2017 | 2,108.33 | 1,005,355.76 1,007,464.09 | 1,004,790.00 1,006,898.33 |

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Washington, State of

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|--------------|--------------|---------------|--------------|--|-----------------|--------------------------------------|---|
| 93974DAL2 | MUNI | WASHINGTON ST Washington, State of | 1,000,000.00 | Fixed | N | 0.086 | 0.833 | 0.291 | 08/01/2016 08/01/2016 | 3,541.67 | 1,000,014.58 1,003,556.25 | 1,000,480.00 1,004,021.67 |
| 93974DAL2 | MUNI | WASHINGTON ST Washington, State of | 1,000,000.00 | Fixed | N | 0.086 | 0.833 | 0.291 | 08/01/2016 08/01/2016 | 3,541.67 | 1,000,014.58 1,003,556.25 | 1,000,480.00 1,004,021.67 |

Wells Fargo & Company

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|--------------|--------------|---------------|--------------|--|-----------------|--------------------------------------|---|
| 94974BFD7 | CORP | WELLS FARGO & CO Wells Fargo & Company | 1,000,000.00 | Fixed | N | 0.846 | 1.35 | 1.088 | 05/08/2017 05/08/2017 | 3,091.67 | 1,006,336.96 1,009,428.63 | 1,008,590.00 1,011,681.67 |
| 94974BFD7 | CORP | WELLS FARGO & CO Wells Fargo & Company | 1,000,000.00 | Fixed | N | 0.846 | 1.35 | 1.088 | 05/08/2017 05/08/2017 | 3,091.67 | 1,006,336.96 1,009,428.63 | 1,008,590.00 1,011,681.67 |

Summary

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|--------------------------------------|----------------|-------------|--------------|----------|---------------|-------|--|-----------------|-------------------------------------|---|
| --- | --- | --- | 134,380,222.64 | Fixed | --- | 0.246 | 0.473 | 0.431 | 09/29/2016 09/30/2016 | 124,828.42 | 134,389,276.23 134,514,104.64 | 134,456,722.14 134,581,550.56 |

* Grouped By: Issuer Concentration. * Groups Sorted By: Issuer Concentration. * Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

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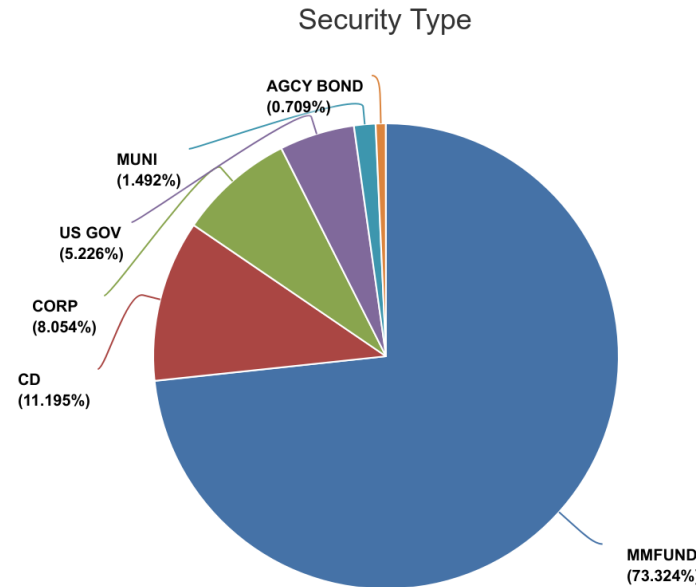


Chart calculated by: Market Value + Accrued

AGCY BOND

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|---|-------------|----------|----------|----------------------------|---------------|------------------------------------|-------------------|-----------------|----------------------------------|--------------------------------------|
| 313379FW4 FEDERAL HOME LOAN BANKS AGCY BOND | Fixed | N | 0.936 | AA+ Aaa | 450,000.00 | 06/09/2017 06/09/2017 | 0.819 0.583 | 275.00 | 450,761.34 451,036.34 | 451,759.50 452,034.50 |
| 3137EADN6 FREDDIE MAC AGCY BOND | Fixed | N | 1.517 | AA+ Aaa | 500,000.00 | 01/12/2018 01/12/2018 | 0.95 0.638 | 1,760.42 | 498,487.55 500,247.96 | 500,855.00 502,615.42 |
| --- AGCY BOND | Fixed | N | 1.242 | AA+ Aaa | 950,000.00 | 10/01/2017 10/01/2017 | 0.888 0.612 | 2,035.42 | 949,248.88 951,284.30 | 952,614.50 954,649.92 |

CD

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|----------------------------|---------------|------------------------------------|-------------------|-----------------|----------------------------------|--------------------------------------|
| FLST7 FLSAFE Term 7 CD | Fixed | N | 0.733 | NA NA | 3,000,000.00 | 03/27/2017 03/27/2017 | 0.70 0.70 | 172.60 | 3,000,000.00 3,000,172.60 | 3,000,000.00 3,000,172.60 |
| FLST6 FLSAFE Term 6 CD | Fixed | N | 0.394 | NA NA | 2,000,000.00 | 11/22/2016 11/22/2016 | 0.60 0.598 | 8,021.92 | 2,000,000.00 2,008,021.92 | 2,000,000.00 2,008,021.92 |
| FLST4 FLSAFE Term 4 CD | Fixed | N | 2.19 | NA NA | 2,000,000.00 | 09/28/2018 09/28/2018 | 1.10 1.091 | 16,695.89 | 2,000,000.00 2,016,695.89 | 2,000,000.00 2,016,695.89 |

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| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|----------------------------|---------------|------------------------------------|-------------------|-----------------|----------------------------------|--------------------------------------|
| FLST3 FLSAFE Term 3 CD | Fixed | N | 1.232 | NA NA | 3,000,000.00 | 09/28/2017 09/28/2017 | 0.80 0.795 | 18,213.70 | 3,000,000.00 3,018,213.70 | 3,000,000.00 3,018,213.70 |
| FLST2 FLSAFE Term 2 CD | Fixed | N | 0.243 | NA NA | 5,000,000.00 | 09/28/2016 09/28/2016 | 0.60 0.597 | 22,767.12 | 5,000,000.00 5,022,767.12 | 5,000,000.00 5,022,767.12 |
| --- --- CD | Fixed | N | 0.82 | NA NA | 15,000,000.00 | 04/30/2017 04/30/2017 | 0.727 0.723 | 65,871.23 | 15,000,000.00 15,065,871.23 | 15,000,000.00 15,065,871.23 |

CORP

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|----------------------------|---------------|------------------------------------|-------------------|-----------------|----------------------------------|--------------------------------------|
| 30231GAL6 EXXON MOBIL CORP CORP | Fixed | N | 1.657 | AA+ Aaa | 1,000,000.00 | 03/06/2018 03/06/2018 | 1.275 0.837 | 4,168.75 | 1,000,498.98 1,004,667.73 | 1,007,800.00 1,011,968.75 |
| 037833AJ9 APPLE INC CORP | Fixed | N | 1.819 | AA+ Aa1 | 750,000.00 | 05/03/2018 05/03/2018 | 1.395 0.865 | 1,208.33 | 744,633.85 745,842.18 | 751,845.00 753,053.33 |
| 89114QAE8 TORONTO DOMINION BANK CORP | Fixed | N | 0.302 | AA- Aa1 | 1,000,000.00 | 10/19/2016 10/19/2016 | 0.771 0.822 | 4,750.00 | 1,004,801.57 1,009,551.57 | 1,004,680.00 1,009,430.00 |
| 166764AE0 CHEVRON CORP CORP | Fixed | Y | 1.862 | AA- Aa2 | 1,000,000.00 | 05/24/2018 06/24/2018 | 1.362 1.095 | 334.06 | 1,006,648.02 1,006,982.07 | 1,011,680.00 1,012,014.06 |
| 89233P5E2 TOYOTA MOTOR CREDIT CORPORATION CORP | Fixed | N | 0.208 | AA- Aa3 | 1,000,000.00 | 09/15/2016 09/15/2016 | 0.763 0.827 | 5,888.89 | 1,002,545.64 1,008,434.53 | 1,002,430.00 1,008,318.89 |
| 19416QEB2 COLGATE-PALMOLIVE CO CORP | Fixed | N | 1.816 | AA- Aa3 | 1,000,000.00 | 05/01/2018 05/01/2018 | 1.187 0.737 | 1,500.00 | 994,811.56 996,311.56 | 1,002,960.00 1,004,460.00 |
| 91159HHD5 US BANCORP CORP | Fixed | Y | 0.676 | A+ A1 | 1,000,000.00 | 04/15/2017 05/15/2017 | 0.967 1.041 | 2,108.33 | 1,005,355.76 1,007,464.09 | 1,004,790.00 1,006,898.33 |
| 88579YAD3 3M CO CORP | Fixed | N | 0.247 | AA- A1 | 1,000,000.00 | 09/29/2016 09/29/2016 | 0.686 0.631 | 3,513.89 | 1,001,679.45 1,005,193.34 | 1,001,830.00 1,005,343.89 |
| 94974BFD7 WELLS FARGO & CO CORP | Fixed | N | 0.846 | A A2 | 1,000,000.00 | 05/08/2017 05/08/2017 | 1.35 1.088 | 3,091.67 | 1,006,336.96 1,009,428.63 | 1,008,590.00 1,011,681.67 |
| 0258M0DG1 AMERICAN EXPRESS CREDIT CORP CORP | Fixed | N | 0.08 | A- A2 | 1,000,000.00 | 07/29/2016 07/29/2016 | 0.975 0.861 | 5,488.89 | 1,000,248.76 1,005,737.65 | 1,000,350.00 1,005,838.89 |
| 693476BM4 PNC FUNDING CORP CORP | Fixed | Y | 0.097 | A- A3 | 1,000,000.00 | 08/19/2016 09/19/2016 | 1.239 1.00 | 7,650.00 | 1,001,939.10 1,009,589.10 | 1,002,300.00 1,009,950.00 |
| --- --- CORP | Fixed | --- | 0.852 | A+ A1 | 10,750,000.00 | 05/16/2017 05/25/2017 | 1.081 0.892 | 39,702.81 | 10,769,499.64 10,809,202.45 | 10,799,255.00 10,838,957.81 |

MMFUND

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|----------------------------|---------------|------------------------------------|-------------------|-----------------|----------------------------------|--------------------------------------|
| 825252406 Invesco Treasury:Inst MMFUND | Fixed | N | 0.00 | AAAm Aaa | 1,815,681.19 | 06/30/2016 06/30/2016 | 0.25 0.25 | 0.00 | 1,815,681.19 1,815,681.19 | 1,815,681.19 1,815,681.19 |

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| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|-------------------------------------|---------------|--|----------------------|-----------------|-------------------------------------|---|
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) MMFUND | Fixed | N | 0.00 | NA NA | 1,891,411.57 | 06/30/2016 06/30/2016 | 0.40 0.40 | 0.00 | 1,891,411.57 1,891,411.57 | 1,891,411.57 1,891,411.57 |
| FLSAFE FLSAFE MMFUND | Fixed | N | 0.00 | NA NA | 20,047,900.11 | 06/30/2016 06/30/2016 | 0.45 0.45 | 0.00 | 20,047,900.11 20,047,900.11 | 20,047,900.11 20,047,900.11 |
| WF ACT Wells Fargo MMFUND | Fixed | N | 0.00 | NA NA | 1,981,310.73 | 06/30/2016 06/30/2016 | 0.02 0.02 | 0.00 | 1,981,310.73 1,981,310.73 | 1,981,310.73 1,981,310.73 |
| TDBK CONS ACT TD BANK MMFUND | Fixed | N | 0.00 | NA NA | 71,674,007.88 | 06/30/2016 06/30/2016 | 0.30 0.30 | 0.00 | 71,674,007.88 71,674,007.88 | 71,674,007.88 71,674,007.88 |
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) MMFUND | Fixed | N | 0.00 | NA NA | 1,266,672.55 | 06/30/2016 06/30/2016 | 0.40 0.40 | 0.00 | 1,266,672.55 1,266,672.55 | 1,266,672.55 1,266,672.55 |
| FL SBA SBA MMFUND | Fixed | N | 0.00 | NA NA | 3,238.61 | 06/30/2016 06/30/2016 | 0.35 0.35 | 0.00 | 3,238.61 3,238.61 | 3,238.61 3,238.61 |
| --- MMFUND | Fixed | N | 0.00 | AAA Aaa | 98,680,222.64 | 06/30/2016 06/30/2016 | 0.327 0.327 | 0.00 | 98,680,222.64 98,680,222.64 | 98,680,222.64 98,680,222.64 |

MUNI

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|-------------------------------------|---------------|--|----------------------|-----------------|-------------------------------------|---|
| 574193HL5 MARYLAND ST MUNI | Fixed | N | 0.086 | AAA Aaa | 1,000,000.00 | 08/01/2016 08/01/2016 | 0.79 0.483 | 3,958.33 | 1,000,135.36 1,004,093.69 | 1,000,400.00 1,004,358.33 |
| 93974DAL2 WASHINGTON ST MUNI | Fixed | N | 0.086 | AA+ Aa1 | 1,000,000.00 | 08/01/2016 08/01/2016 | 0.833 0.291 | 3,541.67 | 1,000,014.58 1,003,556.25 | 1,000,480.00 1,004,021.67 |
| --- MUNI | Fixed | N | 0.086 | AAA Aaa | 2,000,000.00 | 08/01/2016 08/01/2016 | 0.812 0.387 | 7,500.00 | 2,000,149.94 2,007,649.94 | 2,000,880.00 2,008,380.00 |

US GOV

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|---|-------------|----------|----------|-------------------------------------|---------------|--|----------------------|-----------------|-------------------------------------|---|
| 912828UR9 UNITED STATES TREASURY US GOV | Fixed | N | 1.652 | AA+ Aaa | 1,000,000.00 | 02/28/2018 02/28/2018 | 0.968 0.585 | 2,506.79 | 996,404.02 998,910.81 | 1,002,730.00 1,005,236.79 |
| 912828VE7 UNITED STATES TREASURY US GOV | Fixed | N | 1.898 | AA+ Aaa | 2,000,000.00 | 05/31/2018 05/31/2018 | 0.916 0.594 | 1,693.99 | 2,003,197.03 2,004,891.02 | 2,015,460.00 2,017,153.99 |
| 912828TS9 UNITED STATES TREASURY US GOV | Fixed | N | 1.243 | AA+ Aaa | 2,000,000.00 | 09/30/2017 09/30/2017 | 0.812 0.549 | 3,142.08 | 1,995,373.27 1,998,515.34 | 2,001,880.00 2,005,022.08 |
| 912828K25 UNITED STATES TREASURY US GOV | Fixed | N | 1.776 | AA+ Aaa | 1,000,000.00 | 04/15/2018 04/15/2018 | 1.003 0.598 | 1,577.87 | 995,525.10 997,102.97 | 1,002,700.00 1,004,277.87 |
| 912828WF3 UNITED STATES TREASURY US GOV | Fixed | N | 0.374 | AA+ Aaa | 1,000,000.00 | 11/15/2016 11/15/2016 | 0.718 0.363 | 798.23 | 999,655.71 1,000,453.94 | 1,000,980.00 1,001,778.23 |
| --- UNITED STATES TREASURY US GOV | Fixed | N | 1.442 | AA+ Aaa | 7,000,000.00 | 12/13/2017 12/13/2017 | 0.878 0.548 | 9,718.96 | 6,990,155.13 6,999,874.09 | 7,023,750.00 7,033,468.96 |

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Summary

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|-------------------------------------|----------------|--|----------------------|-----------------|-------------------------------------|---|
| --- | Fixed | --- | 0.246 | AA- Aa3 | 134,380,222.64 | 09/29/2016 09/30/2016 | 0.473 0.431 | 124,828.42 | 134,389,276.23 134,514,104.64 | 134,456,722.14 134,581,550.56 |

* Grouped By: Security Type. * Groups Sorted By: Security Type. * Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Portfolio Activity Summary

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| Identifier, Description, Security Type | Interest/Dividend Received | Transfers In/Out | Purchases | Purchased Accrued Income | Sales | Disposed Accrued | Maturities and Redemptions | Paydowns | Net Realized Gain/Loss | Beginning Original Cost, Ending Original Cost | Beginning Market Value, Ending Market Value |
|---|----------------------------|------------------|-----------|--------------------------|-------|------------------|----------------------------|----------|------------------------|---|---|
| 825252406 Invesco Treasury Inst MMFUND | 506.33 | 0.00 | 11,346.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 1,804,334.86 1,815,681.19 | 1,804,334.86 1,815,681.19 |
| CCYUSD Receivable CASH | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 506.70 339.83 | 506.70 339.83 |
| 91159HHD5 US BANCORP CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,014,440.00 1,014,440.00 | 1,005,220.00 1,004,790.00 |
| 574193HL5 MARYLAND ST MUNI | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,004,700.00 1,004,700.00 | 1,001,140.00 1,000,400.00 |
| 0258M0DG1 AMERICAN EXPRESS CREDIT CORP CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,008,146.00 1,008,146.00 | 1,000,840.00 1,000,350.00 |
| 93974DAL2 WASHINGTON ST MUNI | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,000,500.00 1,000,500.00 | 1,000,970.00 1,000,480.00 |
| 912828WF3 UNITED STATES TREASURY US GOV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 997,421.88 997,421.88 | 1,000,340.00 1,000,980.00 |
| 693476BM4 PNC FUNDING CORP CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,041,210.00 1,041,210.00 | 1,003,980.00 1,002,300.00 |
| 88579YAD3 3M CO CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,024,050.00 1,024,050.00 | 1,002,090.00 1,001,830.00 |
| 912828VE7 UNITED STATES TREASURY US GOV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,003,359.38 2,003,359.38 | 2,004,460.00 2,015,460.00 |
| 94974BFD7 WELLS FARGO & CO CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,017,460.00 1,017,460.00 | 1,008,660.00 1,008,590.00 |
| 89114QAE8 TORONTO DOMINION BANK CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,031,110.00 1,031,110.00 | 1,005,960.00 1,004,680.00 |
| 912828TS9 UNITED STATES TREASURY US GOV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,992,968.75 1,992,968.75 | 1,995,540.00 2,001,880.00 |
| 037833AJ9 APPLE INC CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 741,622.50 741,622.50 | 749,017.50 751,845.00 |
| 313379FW4 FEDERAL HOME LOAN BANKS AGCY BOND | 2,250.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 451,611.00 451,611.00 | 450,855.00 451,759.50 |
| 89233P5E2 TOYOTA MOTOR CREDIT CORPORATION CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,014,340.00 1,014,340.00 | 1,004,040.00 1,002,430.00 |
| 912828K25 UNITED STATES TREASURY US GOV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 992,695.31 992,695.31 | 997,700.00 1,002,700.00 |
| 30231GAL6 EXXON MOBIL CORP CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,000,880.00 1,000,880.00 | 1,003,130.00 1,007,800.00 |
| 19416QEB2 COLGATE-PALMOLIVE CO CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 990,840.00 990,840.00 | 998,260.00 1,002,960.00 |
| 166764AE0 CHEVRON CORP CORP | 8,590.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,011,540.00 1,011,540.00 | 1,005,850.00 1,011,680.00 |
| 912828UR9 UNITED STATES TREASURY US GOV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 995,781.25 995,781.25 | 998,160.00 1,002,730.00 |

Portfolio Activity Summary

Tamarac, City of Agg (43815)

06/01/2016 - 06/30/2016

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Dated: 07/18/2016

| Identifier, Description, Security Type | Interest/ Dividend Received | Transfers In/Out | Purchases | Purchased Accrued Income | Sales | Disposed Accrued | Maturities and Redemptions | Paydowns | Net Realized Gain/Loss | Beginning Original Cost, Ending Original Cost | Beginning Market Value, Ending Market Value |
|---|-----------------------------------|----------------------|---------------------|--------------------------------|-----------------------|------------------|-------------------------------|-------------|---------------------------|---|---|
| 3137EADN6 FREDDIE MAC AGCY BOND | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 497,380.00 497,380.00 | 499,010.00 500,855.00 |
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) MMFUND | 1,172.05 | 0.00 | 1,172.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,265,500.50 1,266,672.55 | 1,265,500.50 1,266,672.55 |
| WF ACT Wells Fargo MMFUND | 29.19 | 0.00 | 5,258.92 | 0.00 | -1,552.61 | 0.00 | 0.00 | 0.00 | 0.00 | 1,977,604.42 1,981,310.73 | 1,977,604.42 1,981,310.73 |
| FLSAFE FLSAFE MMFUND | 8,439.23 | 0.00 | 8,439.23 | 0.00 | -3,000,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23,039,460.88 20,047,900.11 | 23,039,460.88 20,047,900.11 |
| FL SBA SBA MMFUND | 1.78 | 0.00 | 1.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,236.83 3,238.61 | 3,236.83 3,238.61 |
| TDBK CONS ACT TD BANK MMFUND | 0.00 | 0.00 | 5,839,948.19 | 0.00 | -8,234,994.62 | 0.00 | 0.00 | 0.00 | 0.00 | 74,069,054.31 71,674,007.88 | 74,069,054.31 71,674,007.88 |
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) MMFUND | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,891,411.57 1,891,411.57 | 1,891,411.57 1,891,411.57 |
| CCYUSD Cash CASH | 0.00 | -2,391,369.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | 0.00 0.00 |
| FLST7 FLSAFE Term 7 CD | 0.00 | 0.00 | 3,000,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 3,000,000.00 | 0.00 3,000,000.00 |
| FLST4 FLSAFE Term 4 CD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,000,000.00 2,000,000.00 | 2,000,000.00 2,000,000.00 |
| FLST3 FLSAFE Term 3 CD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,000,000.00 3,000,000.00 | 3,000,000.00 3,000,000.00 |
| FLST2 FLSAFE Term 2 CD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5,000,000.00 5,000,000.00 | 5,000,000.00 5,000,000.00 |
| FLST6 FLSAFE Term 6 CD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,000,000.00 2,000,000.00 | 2,000,000.00 2,000,000.00 |
| ---- | 20,988.58 | -2,391,369.31 | 8,866,166.50 | 0.00 | -11,236,547.23 | 0.00 | 0.00 | 0.00 | -0.00 | 136,883,166.14 134,512,618.54 | 136,786,332.57 134,457,061.97 |
| ---- | | | | | | | | | | | |
| ---- | | | | | | | | | | | |

* Weighted By: Ending Market Value + Accrued.

Disclaimer

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Dated: 07/18/2016

Additional Disclosure:

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Pricing sources from our reporting platform are provided by Clearwater Analytics®. Clearwater utilizes a hierarchical pricing model with multiple options for pricing sources. These options include custodial pricing, S&P Capital IQ and other sources. Since multiple pricing hierarchies are offered through Clearwater Analytics, and client preferences regarding pricing sources may differ, it is important to verify the specific pricing hierarchy for each portfolio. Securities with short maturities and infrequent secondary market trades are typically priced via mathematical calculations. The securities in this investment portfolio, including shares of mutual funds, are not guaranteed or otherwise protected by Public Trust, the FDIC (except for certain non-negotiable certificates of deposit) or any government agency, unless otherwise specifically stated. Investing involves risk, including the possible loss of principal.

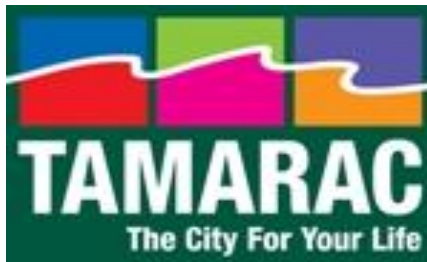
Past performance is not an indicator of future performance or results.

Public Trust statements present beginning and ending balances and are based on Market Value plus accrued interest on a Trade Date basis. Customized reports made available to the end user either from Public Trust or through the online reporting platform may present information and portfolio analytics using various optional methods including, but not limited to, historical cost, amortized cost, and market value. Custom reports may also differ from the information received from the custodian as a result of additional formulas and filters created based on end user preferences.

The investment advisor providing these services is Public Trust Advisors, LLC, an investment adviser registered with the U.S. Securities and Exchange Commission (SEC) under the Investment Advisers Act of 1940, as amended. Registration with the SEC does not imply a certain level of skill or training. Public Trust is required to maintain a written disclosure brochure of our background and business experience. If you would like to receive a copy of our current disclosure brochure, privacy policy, or code of ethics please contact us at the address below.

Public Trust Advisors
717 17th St. Suite 1850
Denver, CO 80202

Monthly Investment Report for Period Ended June 30, 2016



City of Tamarac Series 2005 Bond Project Fund
525 NW 88th Ave.
Tamarac, FL 33321

Public Trust Advisors LLC
201 E. Pine Street, Suite 450
Orlando, Florida 32801

City of Tamarac Series 2005 Bond Project Fund Summary

Investment Management Portfolio Review

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|--|---|
| Investment Portfolio Summary Comparison | 3 |
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City of Tamarac Series 2005 Bond Project Fund Summary Comparison for the period June 1, 2016 to June 30, 2016

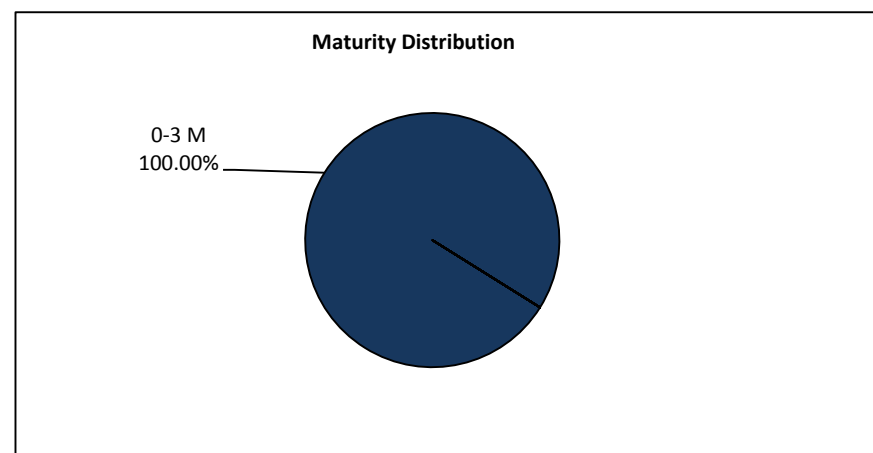
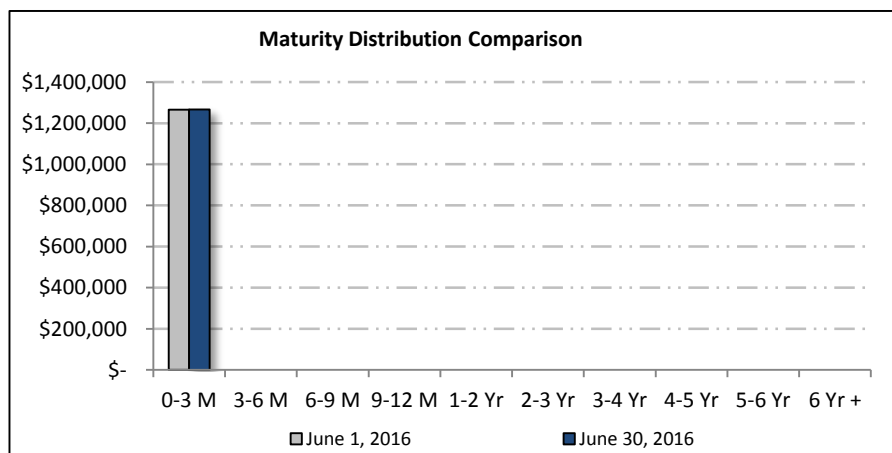
| City of Tamarac Series 2005 Bond Project Fund | June 1, 2016 Beginning Balance | June 30, 2016 Ending Balance | Portfolio Characteristic | June 1, 2016 Beginning Balance | June 30, 2016 Ending Balance |
|--|-----------------------------------|---------------------------------|------------------------------------|-----------------------------------|---------------------------------|
| Historical Cost | \$ 1,265,500.50 | \$ 1,266,672.55 | Book Yield Gross | 0.40% | 0.40% |
| Book Value | \$ 1,265,500.50 | \$ 1,266,672.55 | Market Yield Gross | 0.40% | 0.40% |
| Accrued Interest | 0.00 | 0.00 | Duration | 0.00 Years | 0.00 Years |
| Book Value Plus Accrued | \$ 1,265,500.50 | \$ 1,266,672.55 | Weighted Effective Maturity | 0.00 Years | 0.00 Years |
| Net Unrealized Gain/Loss | 0.00 | 0.00 | Weighted Final Maturity | 0.00 Years | 0.00 Years |
| Market Value Plus Accrued⁽²⁾ | \$ 1,265,500.50 | \$ 1,266,672.55 | | | |
| Net Pending Transactions | 0.00 | 0.00 | | | |
| Market Value Plus Accrued Net⁽²⁾ | \$ 1,265,500.50 | \$ 1,266,672.55 | | | |
| City of Tamarac Series 2005 Bond Project Fund | | | June 2016 Net Income | | |
| Interest Income | | \$ 1,172.05 | | | |
| Net Amortization/Accretion | | 0.00 | | | |
| Net Realized Gain/Loss | | 0.00 | | | |
| Net Income | | \$ 1,172.05 | | | |

(1) Payables represent amounts due to settle security transactions that have been executed but have not settled as of period end. The funds used to settle these trades may come from a variety of sources including cash within the portfolio, proceeds from future security transactions including maturities and sales, or other sources including money market funds. For reporting purposes, a payable is created for over-period settlements which are reflected in the detailed holdings.

(2) Market Value Plus Accrued Net represents the market value of the portfolio net payables and receivables from transactions that settle in the following reporting period.

City of Tamarac Series 2005 Bond Project Fund Maturity Distribution Market Value Basis June 1, 2016 to June 30, 2016

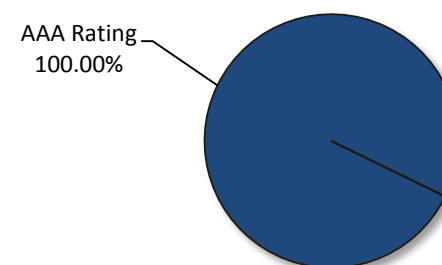
| <u>Maturity Distribution</u> | <u>June 1, 2016 Beginning Balance</u> | <u>June 30, 2016 Ending Balance</u> | <u>Portfolio Allocation</u> | <u>Distribution Change</u> |
|------------------------------|---|---|-----------------------------|----------------------------|
| 0-3 Months | \$ 1,265,500.50 | \$ 1,266,672.55 | 100.00% | 0.00% |
| 3-6 Months | - | - | 0.00% | 0.00% |
| 6-9 Months | - | - | 0.00% | 0.00% |
| 9-12 Months | - | - | 0.00% | 0.00% |
| 1-2 Years | - | - | 0.00% | 0.00% |
| 2-3 Years | - | - | 0.00% | 0.00% |
| 3-4 Years | - | - | 0.00% | 0.00% |
| 4-5 Years | - | - | 0.00% | 0.00% |
| 5-6 Years | - | - | 0.00% | 0.00% |
| 6 Years + | - | - | 0.00% | 0.00% |
| Total Portfolio | \$ 1,265,500.50 | \$ 1,266,672.55 | 100.00% | |



City of Tamarac Series 2005 Bond Project Fund Rating Distribution Market Value Basis June 1, 2016 to June 30, 2016

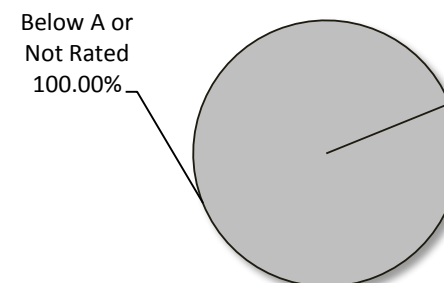
| S&P Rating Distribution | June 30, 2016 Ending Balance | Portfolio Allocation |
|---------------------------------------|---------------------------------|----------------------|
| Short Term Rating Distribution | | |
| A-1+ | \$ - | 0.00% |
| A-1 | - | 0.00% |
| Total Short Term Ratings | \$ - | 0.00% |
| Long Term Rating Distribution | | |
| AAA Rating | \$ 1,266,672.55 | 100.00% |
| AA Rating | - | 0.00% |
| A Rating | - | 0.00% |
| Below A or Not Rated | - | 0.00% |
| Total Long Term Rating | \$ 1,266,672.55 | 100.00% |
| Total Portfolio | \$ 1,266,672.55 | 100.00% |

Portfolio Allocation By Standard and Poors' Rating



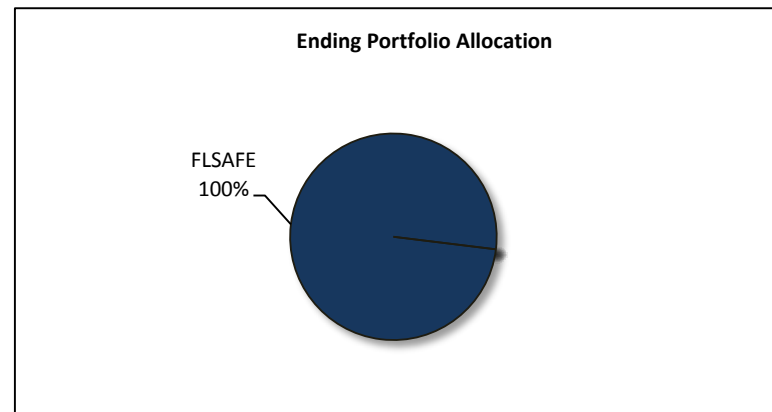
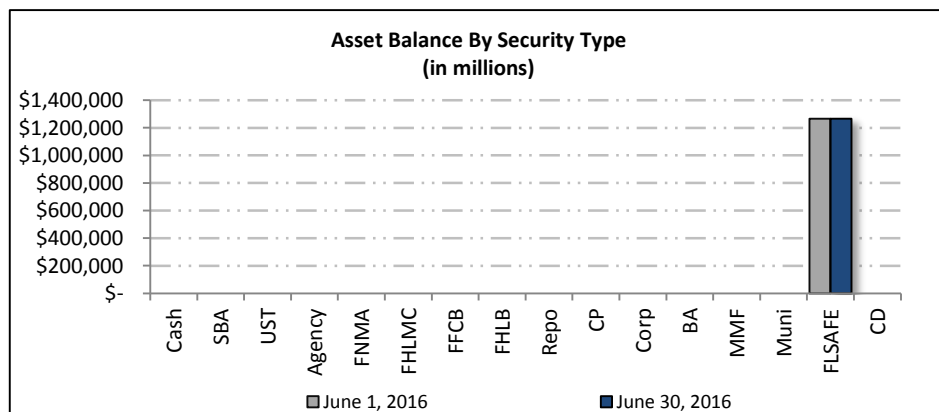
| Moody's Rating Distribution | June 30, 2016 Ending Balance | Portfolio Allocation |
|---------------------------------------|---------------------------------|----------------------|
| Short Term Rating Distribution | | |
| P-1 | \$ - | 0.00% |
| P-2 | - | 0.00% |
| Total Short Term Ratings | \$ - | 0.00% |
| Long Term Rating Distribution | | |
| Aaa Rating | \$ - | 0.00% |
| Aa Rating | - | 0.00% |
| A Rating | - | 0.00% |
| Below A or Not Rated | 1,266,672.55 | 100.00% |
| Total Long Term Rating | \$ 1,266,672.55 | 100.00% |
| Total Portfolio | \$ 1,266,672.55 | 100.00% |

Portfolio Allocation By Moody's Rating



City of Tamarac Series 2005 Bond Project Fund Market Value Basis Security Distribution June 1, 2016 to June 30, 2016

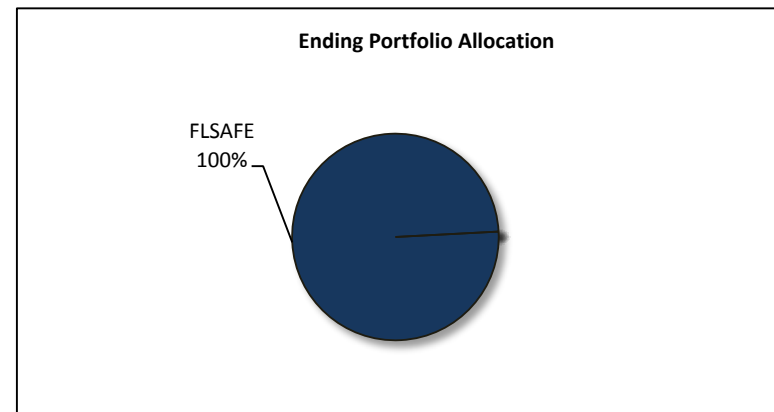
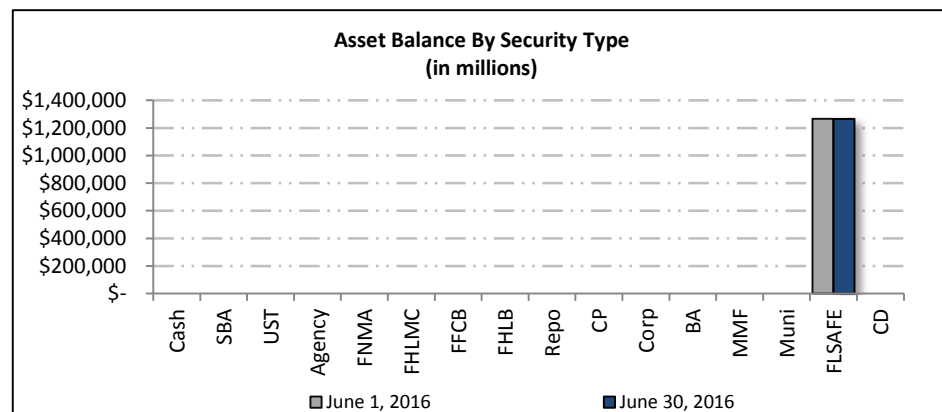
| Security Distribution | June 1, 2016 Beginning Balance | Portfolio Allocation | June 30, 2016 Ending Balance | Book Yield | Portfolio Allocation | Change in Allocation |
|-------------------------------------|-----------------------------------|-------------------------|---------------------------------|--------------|-------------------------|-------------------------|
| Cash | \$ - | 0.00% | \$ - | 0.00% | 0.00% | 0.00% |
| SBA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| U.S. Treasury Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| U.S. Agency Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FNMA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLMC | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FFCB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Fed Instrumentality Subtotal | \$ - | 0.00% | \$ - | | 0.00% | 0.00% |
| Repurchase Agreement | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Commercial Paper | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Corporate Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Bankers Acceptances | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Money Market Funds | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Municipal Bonds | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FLSAFE | 1,265,500.50 | 100.00% | 1,266,672.55 | 0.40% | 100.00% | 0.00% |
| Certificates of Deposit | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Total Portfolio Market Value | \$ 1,265,500.50 | 100.00% | \$ 1,266,672.55 | 0.40% | 100.00% | |



*Permitted allocation based on aggregate assets as defined within the investment policy.

City of Tamarac Series 2005 Bond Project Fund Historical Cost Basis Security Distribution June 1, 2016 to June 30, 2016

| Security Distribution | June 1, 2016 Beginning Balance | Portfolio Allocation | June 30, 2016 Ending Balance | Book Yield | Portfolio Allocation | Change in Allocation |
|--|-----------------------------------|-------------------------|---------------------------------|--------------|-------------------------|-------------------------|
| Cash | \$ - | 0.00% | \$ - | 0.00% | 0.00% | 0.00% |
| SBA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| U.S. Treasury Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| U.S. Agency Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FNMA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLMC | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FFCB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Fed Instrumentality Subtotal | \$ - | 0.00% | \$ - | | 0.00% | 0.00% |
| Repurchase Agreement | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Commercial Paper | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Corporate Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Bankers Acceptances | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Money Market Funds | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Municipal Bonds | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FLSAFE | 1,265,500.50 | 100.00% | 1,266,672.55 | 0.40% | 100.00% | 0.00% |
| Certificates of Deposit | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Total Portfolio Historical Cost | \$ 1,265,500.50 | 100.00% | \$ 1,266,672.55 | 0.40% | 100.00% | |



*Permitted allocation based on aggregate assets as defined within the investment policy.

Additional Disclosure

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Public Trust Advisor's monthly statement is intended to detail our investment advisory activity as well as the activity of any accounts held by clients in pools that are managed by Public Trust Advisors. The custodian bank maintains the control of assets and executes and settles all investments transactions. The custodian statement is the official record of security and cash holdings transactions. Public Trust Advisors recognizes that clients may use these reports to facilitate record keeping; therefore the custodian bank statement and the Public Trust Advisors statement should be reconciled and differences resolved. Many custodians use a settlement date basis which may result in the need to reconcile due to a timing difference. Please contact your relationship manager or our toll free number 855-395-3954 with questions regarding your account.

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Past performance is not an indication of future performance.

Beginning and Ending Balances based on Market Value plus Accrued Interest on a Trade Date basis.

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Public Trust Advisors
717 17th Street, Suite 1850
Denver, CO 80202



Month End Report Trade Date

Tamarac, City of 2005 Bond (43817)

Month End (M6 Y2016)

06/01/2016 - 06/30/2016

Dated: 07/18/2016

Locked Down

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Dated: 07/18/2016

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| <u>Transactions Realized Gain Loss Report (Tamarac, City of 2005 Bond (43817))</u> | 3 |
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| <u>Security Type GASB 40 Trade Date (Tamarac, City of 2005 Bond (43817))</u> | 5 |
| <u>Portfolio Activity Summary (Tamarac, City of 2005 Bond (43817))</u> | 6 |

Holdings Report Trade Date

Tamarac, City of 2005 Bond (43817)

As of 06/30/2016

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Dated: 07/18/2016

| Description, Identifier, Security Type, Coupon | Effective Maturity, Final Maturity, Callable, Next Call Date | Original Cost, Current Units, Market Price | Trade Date, Settle Date | Moodys Rating, S&P Rating, Fitch Rating | Book Value, Book Value + Accrued | Accrued Balance, Net Unrealized Gain/Loss | Market Value, Market Value + Accrued |
|---|---|--|----------------------------|--|-------------------------------------|--|---|
| FLSAFE (allocation from 05 Bond Proceeds) | 06/30/2016 | 1,266,672.55 | --- | NA | 1,266,672.55 | 0.00 | 1,266,672.55 |
| FLSAFE3 | 06/30/2016 | 1,266,672.55 | --- | NA | 1,266,672.55 | -0.00 | 1,266,672.55 |
| MMFUND | N | 1.00 | | --- | | | |
| 0.10 | --- | | | | | | |
| FLSAFE (allocation from 05 Bond Proceeds) | 06/30/2016 | 1,266,672.55 | --- | NA | 1,266,672.55 | 0.00 | 1,266,672.55 |
| FLSAFE3 | 06/30/2016 | 1,266,672.55 | --- | NA | 1,266,672.55 | -0.00 | 1,266,672.55 |
| MMFUND | N | 1.00 | | --- | | | |
| 0.10 | --- | | | | | | |

* Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Income Detail Report Trade Date

Tamarac, City of 2005 Bond (43817)

06/01/2016 - 06/30/2016

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Dated: 07/18/2016

| Identifier, Description | Final Maturity | Current Units | Earned Interest Income | Realized Gain, Realized Loss | Accretion Income | Amortization Expense | Misc Income | Net Earned Income | Interest Payment Received, Ending Interest Due |
|--|-------------------|---------------------|---------------------------|---------------------------------|------------------|----------------------|-------------|-------------------|--|
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) | 06/30/2016 | 1,266,672.55 | 1,172.05 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 1,172.05 | 1,172.05 0.00 |
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) | 06/30/2016 | 1,266,672.55 | 1,172.05 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 1,172.05 | 1,172.05 0.00 |

* Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Transactions Realized Gain Loss Report

Tamarac, City of 2005 Bond (43817)

06/01/2016 - 06/30/2016

[Return to Table of Contents](#)

Dated: 07/18/2016

* Does not Lock Down.

| Identifier | Description | Current Units | Type | Settle Date | Price | Principal | Realized Gain/Loss | Amount |
|----------------|--|-----------------|--------------------|-------------------|------------|-----------------|--------------------|-------------|
| FLSAFE3 | FLSAFE (allocation from 05 Bond Proceeds) | 1,172.05 | Buy | 06/30/2016 | 1.00 | 1,172.05 | 0.00 | -1,172.05 |
| FLSAFE3 | FLSAFE (allocation from 05 Bond Proceeds) | 0.00 | Money Market Funds | 06/30/2016 | --- | 0.00 | 0.00 | 1,172.05 |
| FLSAFE3 | FLSAFE (allocation from 05 Bond Proceeds) | 1,172.05 | --- | 06/30/2016 | --- | 1,172.05 | 0.00 | 0.00 |

* Filtered By: Type = Buy or Type = Sell or Type = Call Redemption or Type = Put Redemption or Type = Corporate Action Sell or Type = Cash Transfer or Type = Maturity or Type = Coupon or Type = Principal Paydown or Type = Money Market Funds. * MMF transactions are expanded.

* The Transaction Detail/Trading Activity reports provide our most up-to-date transactional details. As such, these reports are subject to change even after the other reports on the website have been locked down. While these reports can be useful tools in understanding recent activity, due to their dynamic nature we do not recommend using them for booking journal entries or reconciliation.

Issuer Concentration with Yield GASB 40 Trade Date

Tamarac, City of 2005 Bond (43817)

As of 06/30/2016

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Dated: 07/18/2016

Issuer Concentration

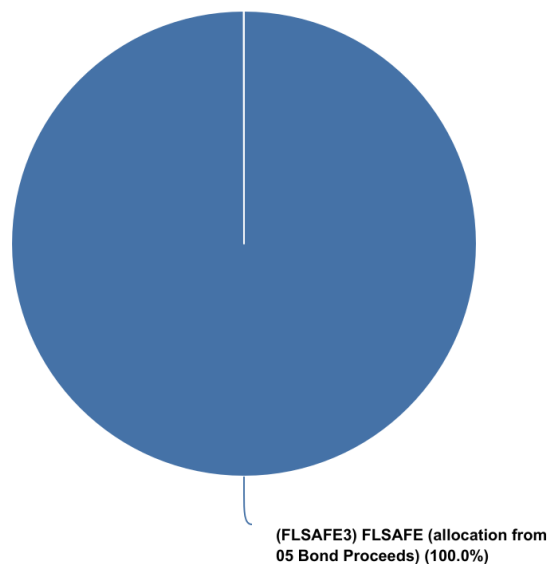


Chart calculated by: Market Value + Accrued

(FLSAFE3) FLSAFE (allocation from 05 Bond Proceeds)

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|----------------|---------------|--|---------------------|--------------|-----------|-------------|-------------|-------------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| FLSAFE3 | MMFUND | FLSAFE (allocation from 05 Bond Proceeds) (FLSAFE3) FLSAFE (allocation from 05 Bond Proceeds) | 1,266,672.55 | Fixed | N | 0.00 | 0.40 | 0.40 | 06/30/2016 06/30/2016 | 0.00 | 1,266,672.55 1,266,672.55 | 1,266,672.55 1,266,672.55 |
| FLSAFE3 | MMFUND | FLSAFE (allocation from 05 Bond Proceeds) (FLSAFE3) FLSAFE (allocation from 05 Bond Proceeds) | 1,266,672.55 | Fixed | N | 0.00 | 0.40 | 0.40 | 06/30/2016 06/30/2016 | 0.00 | 1,266,672.55 1,266,672.55 | 1,266,672.55 1,266,672.55 |

* Grouped By: Issuer Concentration. * Groups Sorted By: Issuer Concentration. * Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Security Type GASB 40 Trade Date

As of 06/30/2016

Tamarac, City of 2005 Bond (43817)

Dated: 07/18/2016

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Security Type

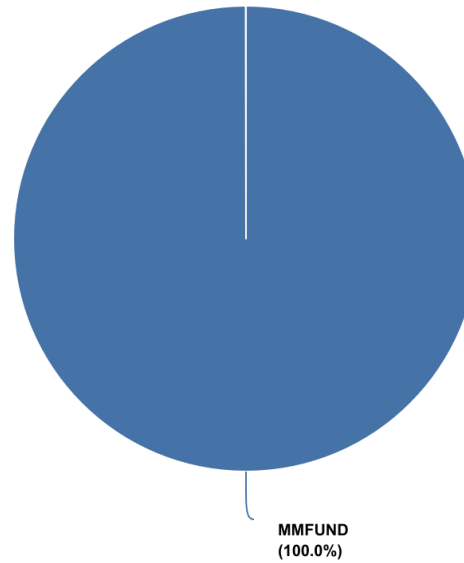


Chart calculated by: Market Value + Accrued

MMFUND

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|---|--------------|----------|-------------|-------------------------------------|---------------------|--|----------------------|-----------------|--------------------------------------|---|
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) MMFUND | Fixed | N | 0.00 | NA NA | 1,266,672.55 | 06/30/2016 06/30/2016 | 0.40 0.40 | 0.00 | 1,266,672.55 1,266,672.55 | 1,266,672.55 1,266,672.55 |
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) MMFUND | Fixed | N | 0.00 | NA NA | 1,266,672.55 | 06/30/2016 06/30/2016 | 0.40 0.40 | 0.00 | 1,266,672.55 1,266,672.55 | 1,266,672.55 1,266,672.55 |

* Grouped By: Security Type. * Groups Sorted By: Security Type. * Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Portfolio Activity Summary

Tamarac, City of 2005 Bond (43817)

06/01/2016 - 06/30/2016

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Dated: 07/18/2016

| Identifier, Description, Security Type | Interest/ Dividend Received | Transfers In/Out | Purchases | Purchased Accrued Income | Sales | Disposed | Accrued | Maturities and Redemptions | Paydowns | Net Realized Gain/Loss | Beginning Original Cost, Ending Original Cost | Beginning Market Value, Ending Market Value |
|---|-----------------------------------|------------------|-----------------|--------------------------------|-------------|----------|-------------|-------------------------------|-------------|---------------------------|---|---|
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) MMFUND | 1,172.05 | 0.00 | 1,172.05 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 1,265,500.50 1,266,672.55 | 1,265,500.50 1,266,672.55 |
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) MMFUND | 1,172.05 | 0.00 | 1,172.05 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 1,265,500.50 1,266,672.55 | 1,265,500.50 1,266,672.55 |

* Weighted By: Ending Market Value + Accrued.

Disclaimer

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Dated: 07/18/2016

Additional Disclosure:

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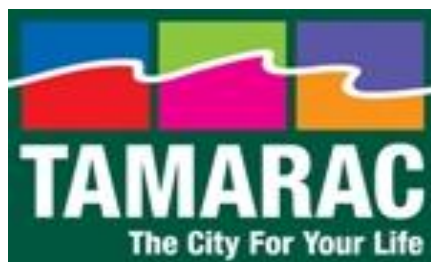
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Public Trust statements present beginning and ending balances and are based on Market Value plus accrued interest on a Trade Date basis. Customized reports made available to the end user either from Public Trust or through the online reporting platform may present information and portfolio analytics using various optional methods including, but not limited to, historical cost, amortized cost, and market value. Custom reports may also differ from the information received from the custodian as a result of additional formulas and filters created based on end user preferences.

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Public Trust Advisors
717 17th St. Suite 1850
Denver, CO 80202

Monthly Investment Report for Period Ended June 30, 2016



City of Tamarac Cash Portfolio
525 NW 88th Ave.
Tamarac, FL 33321

Public Trust Advisors LLC
201 E. Pine Street, Suite 450
Orlando, Florida 32801

City of Tamarac Cash Portfolio Summary

Investment Management Portfolio Review

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Additional Disclosure

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City of Tamarac Cash Portfolio Summary Comparison for the period June 1, 2016 to June 30, 2016

| City of Tamarac Cash Portfolio | June 1, 2016 Beginning Balance | June 30, 2016 Ending Balance | Portfolio Characteristic | June 1, 2016 Beginning Balance | June 30, 2016 Ending Balance |
|--|-----------------------------------|---------------------------------|------------------------------------|-----------------------------------|---------------------------------|
| Historical Cost | \$ 112,980,768.01 | \$ 110,597,868.90 | Book Yield Gross | 0.37% | 0.38% |
| Book Value | \$ 112,980,768.01 | \$ 110,597,868.90 | Market Yield Gross | 0.37% | 0.38% |
| Accrued Interest | 58,465.75 | 65,871.23 | Duration | 0.10 Years | 0.11 Years |
| Book Value Plus Accrued | \$ 113,039,233.76 | \$ 110,663,740.13 | Weighted Effective Maturity | 0.10 Years | 0.11 Years |
| Net Unrealized Gain/Loss | 0.00 | 0.00 | Weighted Final Maturity | 0.10 Years | 0.11 Years |
| Market Value Plus Accrued⁽²⁾ | \$ 113,039,233.76 | \$ 110,663,740.13 | | | |
| Net Pending Transactions | 0.00 | 0.00 | | | |
| Market Value Plus Accrued Net⁽²⁾ | \$ 113,039,233.76 | \$ 110,663,740.13 | | | |

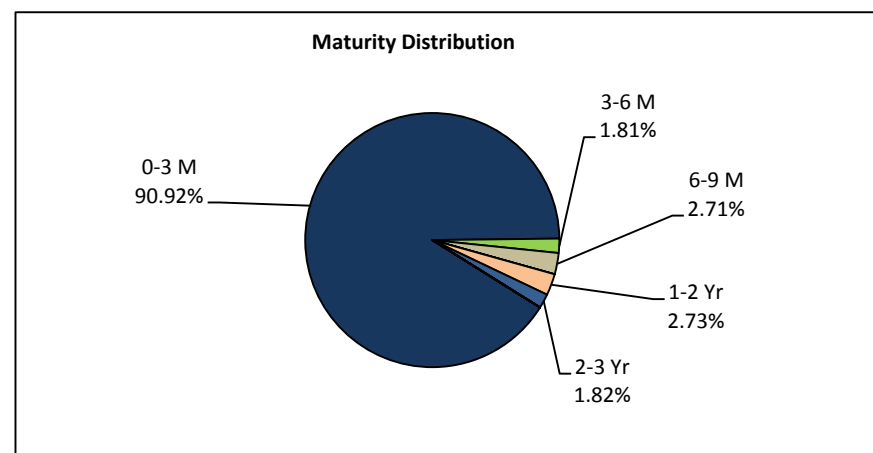
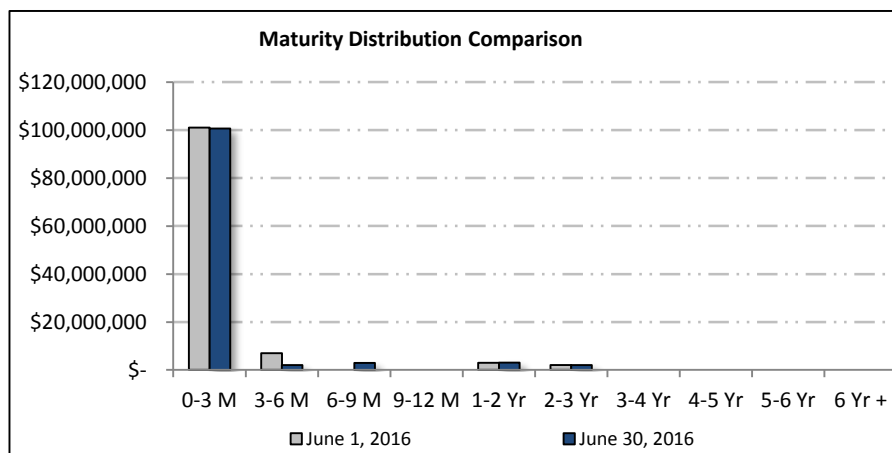
| City of Tamarac Cash Portfolio | June 2016 Net Income |
|--------------------------------|-------------------------|
| Interest Income | \$ 15,875.68 |
| Net Amortization/Accretion | 0.00 |
| Net Realized Gain/Loss | 0.00 |
| Net Income | \$ 15,875.68 |

(1) Payables represent amounts due to settle security transactions that have been executed but have not settled as of period end. The funds used to settle these trades may come from a variety of sources including cash within the portfolio, proceeds from future security transactions including maturities and sales, or other sources including money market funds. For reporting purposes, a payable is created for over-period settlements which are reflected in the detailed holdings.

(2) Market Value Plus Accrued Net represents the market value of the portfolio net payables and receivables from transactions that settle in the following reporting period.

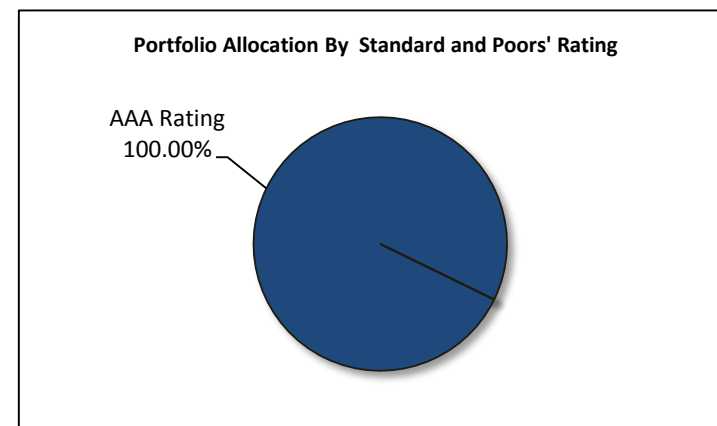
City of Tamarac Cash Portfolio Maturity Distribution Market Value Basis June 1, 2016 to June 30, 2016

| <u>Maturity Distribution</u> | <u>June 1, 2016 Beginning Balance</u> | <u>June 30, 2016 Ending Balance</u> | <u>Portfolio Allocation</u> | <u>Distribution Change</u> |
|------------------------------|---|---|-----------------------------|----------------------------|
| 0-3 Months | \$ 100,980,768.01 | \$ 100,620,636.02 | 90.92% | 1.59% |
| 3-6 Months | 7,027,336.99 | 2,008,021.92 | 1.81% | -4.40% |
| 6-9 Months | - | 3,000,172.60 | 2.71% | 2.71% |
| 9-12 Months | - | - | 0.00% | 0.00% |
| 1-2 Years | 3,016,241.10 | 3,018,213.70 | 2.73% | 0.06% |
| 2-3 Years | 2,014,887.67 | 2,016,695.89 | 1.82% | 0.04% |
| 3-4 Years | - | - | 0.00% | 0.00% |
| 4-5 Years | - | - | 0.00% | 0.00% |
| 5-6 Years | - | - | 0.00% | 0.00% |
| 6 Years + | - | - | 0.00% | 0.00% |
| Total Portfolio | \$ 113,039,233.76 | \$ 110,663,740.13 | 100.00% | |

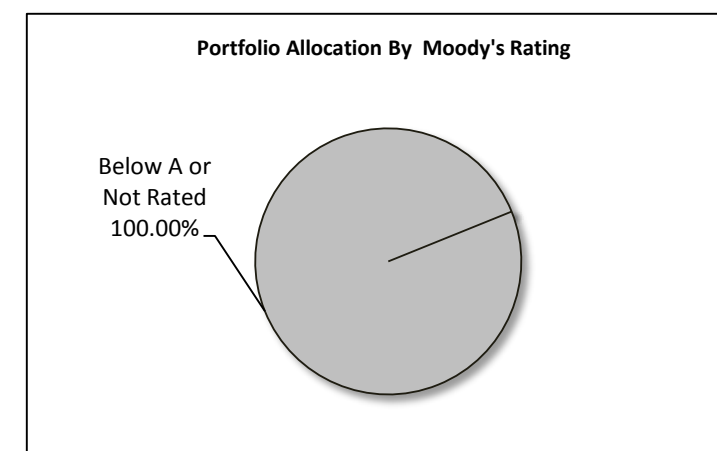


City of Tamarac Cash Portfolio Rating Distribution Market Value Basis June 1, 2016 to June 30, 2016

| S&P Rating Distribution | June 30, 2016 Ending Balance | Portfolio Allocation |
|---------------------------------------|---|-----------------------------|
| Short Term Rating Distribution | | |
| A-1+ | \$ - | 0.00% |
| A-1 | - | 0.00% |
| Total Short Term Ratings | \$ - | 0.00% |
| Long Term Rating Distribution | | |
| AAA Rating | \$ 110,663,740.13 | 100.00% |
| AA Rating | - | 0.00% |
| A Rating | - | 0.00% |
| Below A or Not Rated | - | 0.00% |
| Total Long Term Rating | \$ 110,663,740.13 | 100.00% |
| Total Portfolio | \$ 110,663,740.13 | 100.00% |

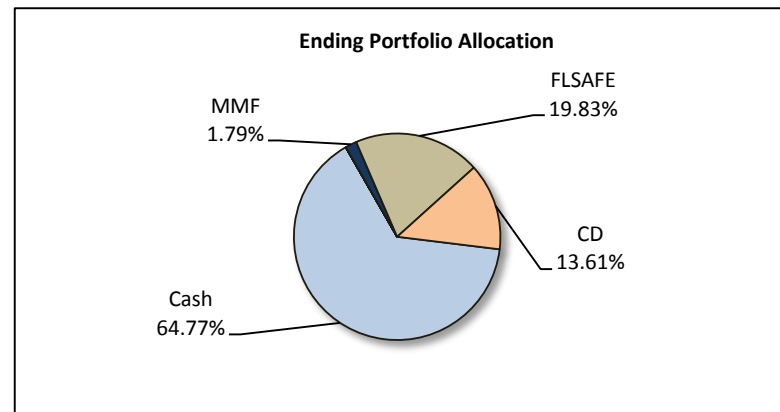
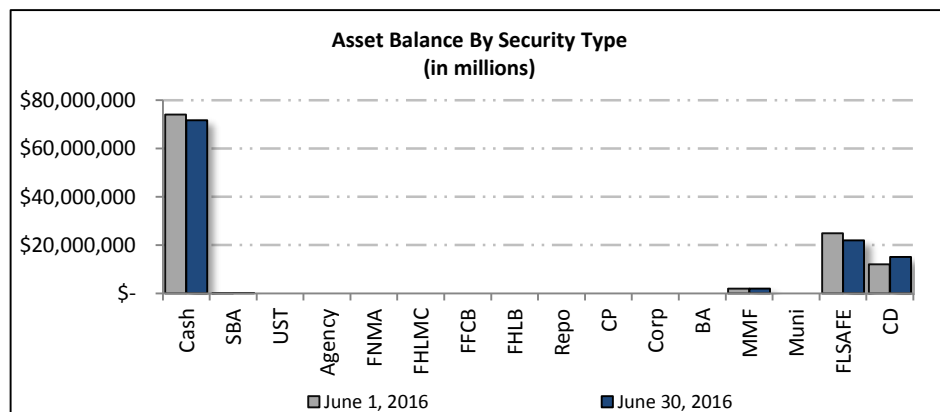


| Moody's Rating Distribution | June 30, 2016 Ending Balance | Portfolio Allocation |
|---------------------------------------|---|-----------------------------|
| Short Term Rating Distribution | | |
| P-1 | \$ - | 0.00% |
| P-2 | - | 0.00% |
| Total Short Term Ratings | \$ - | 0.00% |
| Long Term Rating Distribution | | |
| Aaa Rating | \$ - | 0.00% |
| Aa Rating | - | 0.00% |
| A Rating | - | 0.00% |
| Below A or Not Rated | 110,663,740.13 | 100.00% |
| Total Long Term Rating | \$ 110,663,740.13 | 100.00% |
| Total Portfolio | \$ 110,663,740.13 | 100.00% |



City of Tamarac Cash Portfolio Market Value Basis Security Distribution June 1, 2016 to June 30, 2016

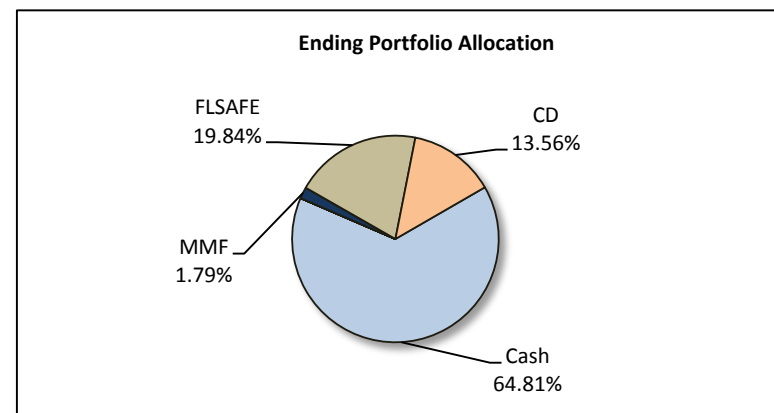
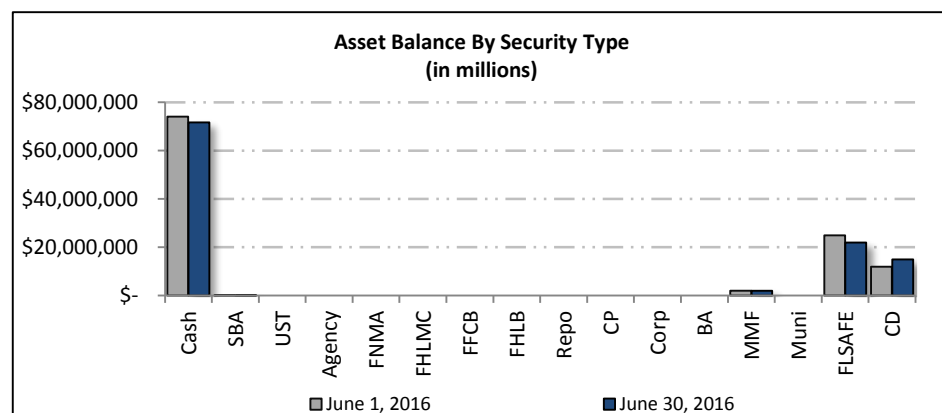
| Security Distribution | June 1, 2016 Beginning Balance | Portfolio Allocation | June 30, 2016 Ending Balance | Book Yield | Portfolio Allocation | Change in Allocation |
|-------------------------------------|-----------------------------------|-------------------------|---------------------------------|--------------|-------------------------|-------------------------|
| Cash | \$ 74,069,054.31 | 65.53% | \$ 71,674,007.88 | 0.30% | 64.77% | -0.76% |
| SBA | 3,236.83 | 0.00% | 3,238.61 | 0.35% | 0.00% | 0.00% |
| U.S. Treasury Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| U.S. Agency Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FNMA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLMC | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FFCB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Fed Instrumentality Subtotal | \$ - | 0.00% | \$ - | 0.00% | 0.00% | 0.00% |
| Repurchase Agreement | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Commercial Paper | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Corporate Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Bankers Acceptances | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Money Market Funds | 1,977,604.42 | 1.75% | 1,981,310.73 | 0.02% | 1.79% | 0.04% |
| Municipal Bonds | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FLSAFE | 24,930,872.45 | 22.06% | 21,939,311.68 | 0.45% | 19.83% | -2.23% |
| Certificates of Deposit | 12,058,465.75 | 10.67% | 15,065,871.23 | 0.73% | 13.61% | 2.95% |
| Total Portfolio Market Value | \$ 113,039,233.76 | 100.00% | \$ 110,663,740.13 | 0.38% | 100.00% | |



*Permitted allocation based on aggregate assets as defined within the investment policy.

City of Tamarac Cash Portfolio Historical Cost Basis Security Distribution June 1, 2016 to June 30, 2016

| Security Distribution | June 1, 2016 Beginning Balance | Portfolio Allocation | June 30, 2016 Ending Balance | Book Yield | Portfolio Allocation | Change in Allocation |
|--|-----------------------------------|-------------------------|---------------------------------|--------------|-------------------------|-------------------------|
| Cash | \$ 74,069,054.31 | 65.56% | \$ 71,674,007.88 | 0.30% | 64.81% | -0.75% |
| SBA | 3,236.83 | 0.00% | 3,238.61 | 0.35% | 0.00% | 0.00% |
| U.S. Treasury Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| U.S. Agency Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FNMA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLMC | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FFCB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Fed Instrumentality Subtotal | \$ - | 0.00% | \$ - | | 0.00% | 0.00% |
| Repurchase Agreement | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Commercial Paper | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Corporate Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Bankers Acceptances | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Money Market Funds | 1,977,604.42 | 1.75% | 1,981,310.73 | 0.02% | 1.79% | 0.04% |
| Municipal Bonds | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FLSAFE | 24,930,872.45 | 22.07% | 21,939,311.68 | 0.45% | 19.84% | -2.23% |
| Certificates of Deposit | 12,000,000.00 | 10.62% | 15,000,000.00 | 0.73% | 13.56% | 2.94% |
| Total Portfolio Historical Cost | \$ 112,980,768.01 | 100.00% | \$ 110,597,868.90 | 0.38% | 100.00% | |



*Permitted allocation based on aggregate assets as defined within the investment policy.

Additional Disclosure

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Past performance is not an indication of future performance.

Beginning and Ending Balances based on Market Value plus Accrued Interest on a Trade Date basis.

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Public Trust Advisors
717 17th Street, Suite 1850
Denver, CO 80202



Month End Report Trade Date

Tamarac, City of Cash (43804)

Month End (M6 Y2016)

06/01/2016 - 06/30/2016

Dated: 07/18/2016

Locked Down

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Dated: 07/18/2016

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Holdings Report Trade Date

Tamarac, City of Cash (43804)

As of 06/30/2016

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Dated: 07/18/2016

| Description, Identifier, Security Type, Coupon | Effective Maturity, Final Maturity, Callable, Next Call Date | Original Cost, Current Units, Market Price | Trade Date, Settle Date | Moodys Rating, S&P Rating, Fitch Rating | Book Value, Book Value + Accrued | Accrued Balance, Net Unrealized Gain/Loss | Market Value, Market Value + Accrued |
|--|--|--|--------------------------|---|----------------------------------|---|--------------------------------------|
| FLSAFE Term 7 FLST7 CD 0.70 | 03/27/2017 03/27/2017 N --- | 3,000,000.00 3,000,000.00 100.00 | 06/30/2016 06/30/2016 | NA NA --- | 3,000,000.00 3,000,172.60 | 172.60 0.00 | 3,000,000.00 3,000,172.60 |
| FLSAFE Term 6 FLST6 CD 0.60 | 11/22/2016 11/22/2016 N --- | 2,000,000.00 2,000,000.00 100.00 | 11/30/2015 11/30/2015 | NA NA --- | 2,000,000.00 2,008,021.92 | 8,021.92 0.00 | 2,000,000.00 2,008,021.92 |
| FLSAFE Term 4 FLST4 CD 1.10 | 09/28/2018 09/28/2018 N --- | 2,000,000.00 2,000,000.00 100.00 | 09/28/2015 09/28/2015 | NA NA --- | 2,000,000.00 2,016,695.89 | 16,695.89 0.00 | 2,000,000.00 2,016,695.89 |
| FLSAFE Term 3 FLST3 CD 0.80 | 09/28/2017 09/28/2017 N --- | 3,000,000.00 3,000,000.00 100.00 | 09/28/2015 09/28/2015 | NA NA --- | 3,000,000.00 3,018,213.70 | 18,213.70 0.00 | 3,000,000.00 3,018,213.70 |
| FLSAFE Term 2 FLST2 CD 0.60 | 09/28/2016 09/28/2016 N --- | 5,000,000.00 5,000,000.00 100.00 | 09/28/2015 09/28/2015 | NA NA --- | 5,000,000.00 5,022,767.12 | 22,767.12 0.00 | 5,000,000.00 5,022,767.12 |
| FLSAFE (allocation from 05 Bond Proceeds) | 06/30/2016 | 1,891,411.57 | --- | NA | 1,891,411.57 | 0.00 | 1,891,411.57 |
| FLSAFE3 | 06/30/2016 | 1,891,411.57 | --- | NA | 1,891,411.57 | 0.00 | 1,891,411.57 |
| MMFUND | N | 1.00 | --- | --- | | | |
| FLSAFE | 06/30/2016 | 20,047,900.11 | --- | NA | 20,047,900.11 | 0.00 | 20,047,900.11 |
| FLSAFE | 06/30/2016 | 20,047,900.11 | --- | NA | 20,047,900.11 | -0.00 | 20,047,900.11 |
| MMFUND | N | 1.00 | --- | --- | | | |
| Wells Fargo | 06/30/2016 | 1,981,310.73 | --- | NA | 1,981,310.73 | 0.00 | 1,981,310.73 |
| WF ACT | 06/30/2016 | 1,981,310.73 | --- | NA | 1,981,310.73 | 0.00 | 1,981,310.73 |
| MMFUND | N | 1.00 | --- | --- | | | |
| TD BANK | 06/30/2016 | 71,674,007.88 | --- | NA | 71,674,007.88 | 0.00 | 71,674,007.88 |
| TDBK CONS ACT | 06/30/2016 | 71,674,007.88 | --- | NA | 71,674,007.88 | 0.00 | 71,674,007.88 |
| MMFUND | N | 1.00 | --- | --- | | | |
| SBA | 06/30/2016 | 3,238.61 | --- | NA | 3,238.61 | 0.00 | 3,238.61 |
| FL SBA | 06/30/2016 | 3,238.61 | --- | NA | 3,238.61 | 0.00 | 3,238.61 |
| MMFUND | N | 1.00 | --- | --- | | | |
| --- | 08/10/2016 | 110,597,868.90 | --- | NA | 110,597,868.90 | 65,871.23 | 110,597,868.90 |
| --- | 08/10/2016 | 110,597,868.90 | --- | NA | 110,663,740.13 | 0.00 | 110,663,740.13 |
| --- | N | --- | --- | --- | | | |
| --- | --- | | | | | | |

* Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Income Detail Report Trade Date

Tamarac, City of Cash (43804)

06/01/2016 - 06/30/2016

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Dated: 07/18/2016

| Identifier, Description | Final Maturity | Current Units | Earned Interest Income | Realized Gain, Realized Loss | Accretion Income | Amortization Expense | Misc Income | Net Earned Income | Interest Payment Received, Ending Interest Due |
|--|-------------------|-----------------------|---------------------------|---------------------------------|------------------|----------------------|-------------|-------------------|--|
| FLST4 FLSAFE Term 4 | 09/28/2018 | 2,000,000.00 | 1,808.22 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 1,808.22 | 0.00 0.00 |
| FLST3 FLSAFE Term 3 | 09/28/2017 | 3,000,000.00 | 1,972.60 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 1,972.60 | 0.00 0.00 |
| FLST7 FLSAFE Term 7 | 03/27/2017 | 3,000,000.00 | 172.60 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 172.60 | 0.00 0.00 |
| FLST6 FLSAFE Term 6 | 11/22/2016 | 2,000,000.00 | 986.30 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 986.30 | 0.00 0.00 |
| FLST2 FLSAFE Term 2 | 09/28/2016 | 5,000,000.00 | 2,465.75 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 2,465.75 | 0.00 0.00 |
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) | 06/30/2016 | 1,891,411.57 | 0.00 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 |
| FLSAFE FLSAFE | 06/30/2016 | 20,047,900.11 | 8,439.23 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 8,439.23 | 8,439.23 0.00 |
| WF ACT Wells Fargo | 06/30/2016 | 1,981,310.73 | 29.19 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 29.19 | 29.19 0.00 |
| TDBK CONS ACT TD BANK | 06/30/2016 | 71,674,007.88 | 0.00 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 |
| FL SBA SBA | 06/30/2016 | 3,238.61 | 1.78 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 1.78 | 1.78 0.00 |
| CCYUSD Cash | 06/30/2016 | 0.00 | 0.00 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 0.00 0.00 |
| --- --- | 08/10/2016 | 110,597,868.90 | 15,875.68 | 0.00 0.00 | 0.00 | 0.00 | 0.00 | 15,875.68 | 8,470.20 0.00 |

* Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Transactions Realized Gain Loss Report

Tamarac, City of Cash (43804)

06/01/2016 - 06/30/2016

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Dated: 07/18/2016

* Does not Lock Down.

| Identifier | Description | Current Units | Type | Settle Date | Price | Principal | Realized Gain/Loss | Amount |
|---------------|---------------|---------------|--------------------|-------------|--------|---------------|--------------------|---------------|
| WF ACT | Wells Fargo | 5,229.73 | Buy | 06/30/2016 | 1.00 | 5,229.73 | 0.00 | -5,229.73 |
| WF ACT | Wells Fargo | 29.19 | Buy | 06/30/2016 | 1.00 | 29.19 | 0.00 | -29.19 |
| WF ACT | Wells Fargo | -1,552.61 | Sell | 06/30/2016 | 1.00 | -1,552.61 | 0.00 | 1,552.61 |
| WF ACT | Wells Fargo | 0.00 | Money Market Funds | 06/30/2016 | --- | 0.00 | 0.00 | 29.19 |
| TDBK CONS ACT | TD BANK | -8,234,994.62 | Sell | 06/30/2016 | 1.00 | -8,234,994.62 | 0.00 | 8,234,994.62 |
| TDBK CONS ACT | TD BANK | 5,839,948.19 | Buy | 06/30/2016 | 1.00 | 5,839,948.19 | 0.00 | -5,839,948.19 |
| FLSAFE | FLSAFE | 8,439.23 | Buy | 06/30/2016 | 1.00 | 8,439.23 | 0.00 | -8,439.23 |
| FLSAFE | FLSAFE | -3,000,000.00 | Sell | 06/30/2016 | 1.00 | -3,000,000.00 | 0.00 | 3,000,000.00 |
| FLSAFE | FLSAFE | 0.00 | Money Market Funds | 06/30/2016 | --- | 0.00 | 0.00 | 8,439.23 |
| FL SBA | SBA | 1.78 | Buy | 06/30/2016 | 1.00 | 1.78 | 0.00 | -1.78 |
| FL SBA | SBA | 0.00 | Money Market Funds | 06/30/2016 | --- | 0.00 | 0.00 | 1.78 |
| FLST7 | FLSAFE Term 7 | 3,000,000.00 | Buy | 06/30/2016 | 100.00 | 3,000,000.00 | 0.00 | -3,000,000.00 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | -1,552.61 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | 3,000,000.00 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | -3,000,000.00 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | -8,234,994.62 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | 5,839,948.19 |
| CCYUSD | US Dollar | 0.00 | Cash Transfer | 06/30/2016 | --- | 0.00 | 0.00 | 5,229.73 |
| --- | --- | -2,382,899.11 | --- | 06/30/2016 | --- | -2,382,899.11 | 0.00 | 0.00 |

* Filtered By: Type = Buy or Type = Sell or Type = Call Redemption or Type = Put Redemption or Type = Corporate Action Sell or Type = Cash Transfer or Type = Maturity or Type = Coupon or Type = Principal Paydown or Type = Money Market Funds. * MMF transactions are expanded.

* The Transaction Detail/Trading Activity reports provide our most up-to-date transactional details. As such, these reports are subject to change even after the other reports on the website have been locked down. While these reports can be useful tools in understanding recent activity, due to their dynamic nature we do not recommend using them for booking journal entries or reconciliation.

Issuer Concentration with Yield GASB 40 Trade Date

Tamarac, City of Cash (43804)

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Dated: 07/18/2016

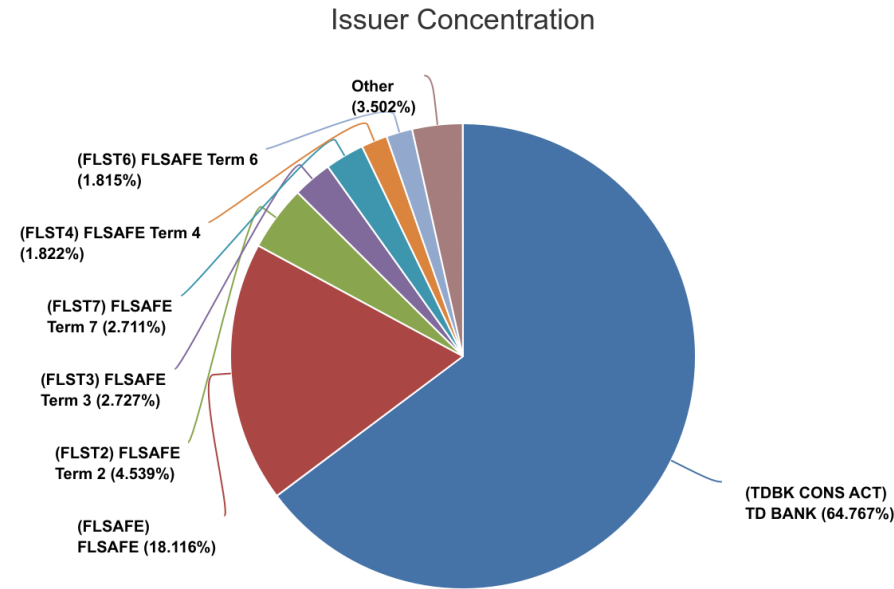


Chart calculated by: Market Value + Accrued

(FL SBA) SBA

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|---------------|---------------|-----------------------------------|-----------------|--------------|-----------|-------------|-------------|-------------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| FL SBA | MMFUND | SBA (FL SBA) SBA | 3,238.61 | Fixed | N | 0.00 | 0.35 | 0.35 | 06/30/2016 06/30/2016 | 0.00 | 3,238.61 3,238.61 | 3,238.61 3,238.61 |
| FL SBA | MMFUND | SBA (FL SBA) SBA | 3,238.61 | Fixed | N | 0.00 | 0.35 | 0.35 | 06/30/2016 06/30/2016 | 0.00 | 3,238.61 3,238.61 | 3,238.61 3,238.61 |

(FLSAFE) FLSAFE

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|---------------|---------------|-----------------------------------|----------------------|--------------|-----------|-------------|-------------|-------------|------------------------------------|-----------------|--|--|
| FLSAFE | MMFUND | FLSAFE (FLSAFE) FLSAFE | 20,047,900.11 | Fixed | N | 0.00 | 0.45 | 0.45 | 06/30/2016 06/30/2016 | 0.00 | 20,047,900.11 20,047,900.11 | 20,047,900.11 20,047,900.11 |
| FLSAFE | MMFUND | FLSAFE (FLSAFE) FLSAFE | 20,047,900.11 | Fixed | N | 0.00 | 0.45 | 0.45 | 06/30/2016 06/30/2016 | 0.00 | 20,047,900.11 20,047,900.11 | 20,047,900.11 20,047,900.11 |

(FLSAFE3) FLSAFE (allocation from 05 Bond Proceeds)

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|---|---------------|-------------|-----------|----------|------------|-------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| FLSAFE3 | MMFUND | FLSAFE (allocation from 05 Bond Proceeds) (FLSAFE3) FLSAFE (allocation from 05 Bond Proceeds) | 1,891,411.57 | Fixed | N | 0.00 | 0.40 | 0.40 | 06/30/2016 06/30/2016 | 0.00 | 1,891,411.57 1,891,411.57 | 1,891,411.57 1,891,411.57 |

Issuer Concentration with Yield GASB 40 Trade Date

Tamarac, City of Cash (43804)

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| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|--|---------------|-------------|--------------|----------|---------------|-------|--|-----------------|-------------------------------------|---|
| FLSAFE3 | MMFUND | FLSAFE (allocation from 05 Bond Proceeds) (FLSAFE3) FLSAFE (allocation from 05 Bond Proceeds) | 1,891,411.57 | Fixed | N | 0.00 | 0.40 | 0.40 | 06/30/2016 06/30/2016 | 0.00 | 1,891,411.57 1,891,411.57 | 1,891,411.57 1,891,411.57 |

(FLST2) FLSAFE Term 2

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|--|---------------|-------------|--------------|----------|---------------|-------|--|-----------------|-------------------------------------|---|
| FLST2 | CD | FLSAFE Term 2 (FLST2) FLSAFE Term 2 | 5,000,000.00 | Fixed | N | 0.243 | 0.60 | 0.597 | 09/28/2016 09/28/2016 | 22,767.12 | 5,000,000.00 5,022,767.12 | 5,000,000.00 5,022,767.12 |
| FLST2 | CD | FLSAFE Term 2 (FLST2) FLSAFE Term 2 | 5,000,000.00 | Fixed | N | 0.243 | 0.60 | 0.597 | 09/28/2016 09/28/2016 | 22,767.12 | 5,000,000.00 5,022,767.12 | 5,000,000.00 5,022,767.12 |

(FLST3) FLSAFE Term 3

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|--|---------------|-------------|--------------|----------|---------------|-------|--|-----------------|-------------------------------------|---|
| FLST3 | CD | FLSAFE Term 3 (FLST3) FLSAFE Term 3 | 3,000,000.00 | Fixed | N | 1.232 | 0.80 | 0.795 | 09/28/2017 09/28/2017 | 18,213.70 | 3,000,000.00 3,018,213.70 | 3,000,000.00 3,018,213.70 |
| FLST3 | CD | FLSAFE Term 3 (FLST3) FLSAFE Term 3 | 3,000,000.00 | Fixed | N | 1.232 | 0.80 | 0.795 | 09/28/2017 09/28/2017 | 18,213.70 | 3,000,000.00 3,018,213.70 | 3,000,000.00 3,018,213.70 |

(FLST4) FLSAFE Term 4

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|--|---------------|-------------|--------------|----------|---------------|-------|--|-----------------|-------------------------------------|---|
| FLST4 | CD | FLSAFE Term 4 (FLST4) FLSAFE Term 4 | 2,000,000.00 | Fixed | N | 2.19 | 1.10 | 1.091 | 09/28/2018 09/28/2018 | 16,695.89 | 2,000,000.00 2,016,695.89 | 2,000,000.00 2,016,695.89 |
| FLST4 | CD | FLSAFE Term 4 (FLST4) FLSAFE Term 4 | 2,000,000.00 | Fixed | N | 2.19 | 1.10 | 1.091 | 09/28/2018 09/28/2018 | 16,695.89 | 2,000,000.00 2,016,695.89 | 2,000,000.00 2,016,695.89 |

(FLST6) FLSAFE Term 6

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|--|---------------|-------------|--------------|----------|---------------|-------|--|-----------------|-------------------------------------|---|
| FLST6 | CD | FLSAFE Term 6 (FLST6) FLSAFE Term 6 | 2,000,000.00 | Fixed | N | 0.394 | 0.60 | 0.598 | 11/22/2016 11/22/2016 | 8,021.92 | 2,000,000.00 2,008,021.92 | 2,000,000.00 2,008,021.92 |
| FLST6 | CD | FLSAFE Term 6 (FLST6) FLSAFE Term 6 | 2,000,000.00 | Fixed | N | 0.394 | 0.60 | 0.598 | 11/22/2016 11/22/2016 | 8,021.92 | 2,000,000.00 2,008,021.92 | 2,000,000.00 2,008,021.92 |

(FLST7) FLSAFE Term 7

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|--|---------------|-------------|--------------|----------|---------------|-------|--|-----------------|-------------------------------------|---|
| FLST7 | CD | FLSAFE Term 7 (FLST7) FLSAFE Term 7 | 3,000,000.00 | Fixed | N | 0.733 | 0.70 | 0.70 | 03/27/2017 03/27/2017 | 172.60 | 3,000,000.00 3,000,172.60 | 3,000,000.00 3,000,172.60 |
| FLST7 | CD | FLSAFE Term 7 (FLST7) FLSAFE Term 7 | 3,000,000.00 | Fixed | N | 0.733 | 0.70 | 0.70 | 03/27/2017 03/27/2017 | 172.60 | 3,000,000.00 3,000,172.60 | 3,000,000.00 3,000,172.60 |

(TDBK CONS ACT) TD BANK

Issuer Concentration with Yield GASB 40 Trade Date

Tamarac, City of Cash (43804)

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| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|----------------------|---------------|--|----------------------|--------------|--------------|-------------|---------------|-------------|--|-----------------|--|---|
| TDBK CONS ACT | MMFUND | TD BANK (TDBK CONS ACT) TD BANK | 71,674,007.88 | Fixed | N | 0.00 | 0.30 | 0.30 | 06/30/2016 06/30/2016 | 0.00 | 71,674,007.88 71,674,007.88 | 71,674,007.88 71,674,007.88 |
| TDBK CONS ACT | MMFUND | TD BANK (TDBK CONS ACT) TD BANK | 71,674,007.88 | Fixed | N | 0.00 | 0.30 | 0.30 | 06/30/2016 06/30/2016 | 0.00 | 71,674,007.88 71,674,007.88 | 71,674,007.88 71,674,007.88 |

(WF ACT) Wells Fargo

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|---------------|---------------|---|---------------------|--------------|--------------|-------------|---------------|-------------|--|-----------------|--------------------------------------|---|
| WF ACT | MMFUND | Wells Fargo (WF ACT) Wells Fargo | 1,981,310.73 | Fixed | N | 0.00 | 0.02 | 0.02 | 06/30/2016 06/30/2016 | 0.00 | 1,981,310.73 1,981,310.73 | 1,981,310.73 1,981,310.73 |
| WF ACT | MMFUND | Wells Fargo (WF ACT) Wells Fargo | 1,981,310.73 | Fixed | N | 0.00 | 0.02 | 0.02 | 06/30/2016 06/30/2016 | 0.00 | 1,981,310.73 1,981,310.73 | 1,981,310.73 1,981,310.73 |

Summary

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|--------------------------------------|----------------|-------------|--------------|----------|---------------|-------|--|-----------------|-------------------------------------|---|
| --- | --- | --- | 110,597,868.90 | Fixed | N | 0.112 | 0.382 | 0.382 | 08/10/2016 08/10/2016 | 65,871.23 | 110,597,868.90 110,663,740.13 | 110,597,868.90 110,663,740.13 |

* Grouped By: Issuer Concentration. * Groups Sorted By: Issuer Concentration. * Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Security Type GASB 40 Trade Date

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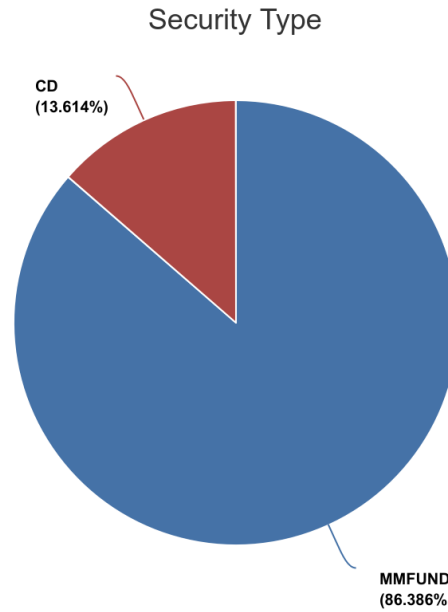


Chart calculated by: Market Value + Accrued

CD

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|--------------|----------|-------------|-------------------------------------|----------------------|--|------------------------|------------------|--|---|
| FLST7 FLSAFE Term 7 CD | Fixed | N | 0.733 | NA NA | 3,000,000.00 | 03/27/2017 03/27/2017 | 0.70 0.70 | 172.60 | 3,000,000.00 3,000,172.60 | 3,000,000.00 3,000,172.60 |
| FLST6 FLSAFE Term 6 CD | Fixed | N | 0.394 | NA NA | 2,000,000.00 | 11/22/2016 11/22/2016 | 0.60 0.598 | 8,021.92 | 2,000,000.00 2,008,021.92 | 2,000,000.00 2,008,021.92 |
| FLST4 FLSAFE Term 4 CD | Fixed | N | 2.19 | NA NA | 2,000,000.00 | 09/28/2018 09/28/2018 | 1.10 1.091 | 16,695.89 | 2,000,000.00 2,016,695.89 | 2,000,000.00 2,016,695.89 |
| FLST3 FLSAFE Term 3 CD | Fixed | N | 1.232 | NA NA | 3,000,000.00 | 09/28/2017 09/28/2017 | 0.80 0.795 | 18,213.70 | 3,000,000.00 3,018,213.70 | 3,000,000.00 3,018,213.70 |
| FLST2 FLSAFE Term 2 CD | Fixed | N | 0.243 | NA NA | 5,000,000.00 | 09/28/2016 09/28/2016 | 0.60 0.597 | 22,767.12 | 5,000,000.00 5,022,767.12 | 5,000,000.00 5,022,767.12 |
| --- CD | Fixed | N | 0.82 | NA NA | 15,000,000.00 | 04/30/2017 04/30/2017 | 0.727 0.723 | 65,871.23 | 15,000,000.00 15,065,871.23 | 15,000,000.00 15,065,871.23 |

MMFUND

Security Type GASB 40 Trade Date

Tamarac, City of Cash (43804)

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Dated: 07/18/2016

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|--------------|----------|-------------|-------------------------------------|----------------------|--|------------------------|-----------------|--|---|
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) MMFUND | Fixed | N | 0.00 | NA NA | 1,891,411.57 | 06/30/2016 06/30/2016 | 0.40 0.40 | 0.00 | 1,891,411.57 1,891,411.57 | 1,891,411.57 1,891,411.57 |
| FLSAFE FLSAFE MMFUND | Fixed | N | 0.00 | NA NA | 20,047,900.11 | 06/30/2016 06/30/2016 | 0.45 0.45 | 0.00 | 20,047,900.11 20,047,900.11 | 20,047,900.11 20,047,900.11 |
| WF ACT Wells Fargo MMFUND | Fixed | N | 0.00 | NA NA | 1,981,310.73 | 06/30/2016 06/30/2016 | 0.02 0.02 | 0.00 | 1,981,310.73 1,981,310.73 | 1,981,310.73 1,981,310.73 |
| TDBK CONS ACT TD BANK MMFUND | Fixed | N | 0.00 | NA NA | 71,674,007.88 | 06/30/2016 06/30/2016 | 0.30 0.30 | 0.00 | 71,674,007.88 71,674,007.88 | 71,674,007.88 71,674,007.88 |
| FL SBA SBA MMFUND | Fixed | N | 0.00 | NA NA | 3,238.61 | 06/30/2016 06/30/2016 | 0.35 0.35 | 0.00 | 3,238.61 3,238.61 | 3,238.61 3,238.61 |
| --- --- MMFUND | Fixed | N | 0.00 | NA NA | 95,597,868.90 | 06/30/2016 06/30/2016 | 0.328 0.328 | 0.00 | 95,597,868.90 95,597,868.90 | 95,597,868.90 95,597,868.90 |

Summary

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|--------------|----------|--------------|-------------------------------------|-----------------------|--|------------------------|------------------|--|--|
| --- --- --- | Fixed | N | 0.112 | NA NA | 110,597,868.90 | 08/10/2016 08/10/2016 | 0.382 0.382 | 65,871.23 | 110,597,868.90 110,663,740.13 | 110,597,868.90 110,663,740.13 |

* Grouped By: Security Type. * Groups Sorted By: Security Type. * Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Portfolio Activity Summary

Tamarac, City of Cash (43804)

06/01/2016 - 06/30/2016

[Return to Table of Contents](#)

Dated: 07/18/2016

| Identifier, Description, Security Type | Interest/ Dividend Received | Transfers In/Out | Purchases | Purchased Accrued Income | Sales | Disposed Accrued | Maturities and Redemptions | Paydowns | Net Realized Gain/Loss | Beginning Original Cost, Ending Original Cost | Beginning Market Value, Ending Market Value |
|---|-----------------------------------|------------------|--------------|--------------------------------|----------------|------------------|-------------------------------|----------|---------------------------|---|---|
| WF ACT Wells Fargo MMFUND | 29.19 | 0.00 | 5,258.92 | 0.00 | -1,552.61 | 0.00 | 0.00 | 0.00 | 0.00 | 1,977,604.42 1,981,310.73 | 1,977,604.42 1,981,310.73 |
| TDBK CONS ACT TD BANK MMFUND | 0.00 | 0.00 | 5,839,948.19 | 0.00 | -8,234,994.62 | 0.00 | 0.00 | 0.00 | 0.00 | 74,069,054.31 71,674,007.88 | 74,069,054.31 71,674,007.88 |
| FLSAFE FLSAFE MMFUND | 8,439.23 | 0.00 | 8,439.23 | 0.00 | -3,000,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 23,039,460.88 20,047,900.11 | 23,039,460.88 20,047,900.11 |
| FL SBA SBA MMFUND | 1.78 | 0.00 | 1.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,236.83 3,238.61 | 3,236.83 3,238.61 |
| FLSAFE3 FLSAFE (allocation from 05 Bond Proceeds) MMFUND | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,891,411.57 1,891,411.57 | 1,891,411.57 1,891,411.57 |
| CCYUSD Cash CASH | 0.00 | -2,391,369.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 0.00 | 0.00 0.00 |
| FLST7 FLSAFE Term 7 CD | 0.00 | 0.00 | 3,000,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 3,000,000.00 | 0.00 3,000,000.00 |
| FLST4 FLSAFE Term 4 CD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,000,000.00 2,000,000.00 | 2,000,000.00 2,000,000.00 |
| FLST3 FLSAFE Term 3 CD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3,000,000.00 3,000,000.00 | 3,000,000.00 3,000,000.00 |
| FLST2 FLSAFE Term 2 CD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5,000,000.00 5,000,000.00 | 5,000,000.00 5,000,000.00 |
| FLST6 FLSAFE Term 6 CD | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,000,000.00 2,000,000.00 | 2,000,000.00 2,000,000.00 |
| --- | 8,470.20 | -2,391,369.31 | 8,853,648.12 | 0.00 | -11,236,547.23 | 0.00 | 0.00 | 0.00 | 0.00 | 112,980,768.01 110,597,868.90 | 112,980,768.01 110,597,868.90 |
| --- | | | | | | | | | | | |
| --- | | | | | | | | | | | |

* Weighted By: Ending Market Value + Accrued.

Disclaimer

[Return to Table of Contents](#)

Dated: 07/18/2016

Additional Disclosure:

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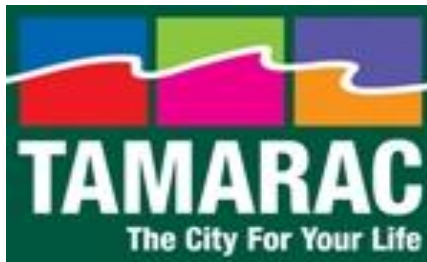
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Public Trust statements present beginning and ending balances and are based on Market Value plus accrued interest on a Trade Date basis. Customized reports made available to the end user either from Public Trust or through the online reporting platform may present information and portfolio analytics using various optional methods including, but not limited to, historical cost, amortized cost, and market value. Custom reports may also differ from the information received from the custodian as a result of additional formulas and filters created based on end user preferences.

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Public Trust Advisors
717 17th St. Suite 1850
Denver, CO 80202

Monthly Investment Report for Period Ended June 30, 2016



City of Tamarac Managed Portfolio
525 NW 88th Ave.
Tamarac, FL 33321

Public Trust Advisors LLC
201 E. Pine Street, Suite 450
Orlando, Florida 32801

City of Tamarac Managed Portfolio Summary

Investment Management Portfolio Review

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City of Tamarac Managed Portfolio Summary Comparison for the period June 1, 2016 to June 30, 2016

| City of Tamarac Managed Portfolio | June 1, 2016 Beginning Balance | June 30, 2016 Ending Balance | Portfolio Characteristic | June 1, 2016 Beginning Balance | June 30, 2016 Ending Balance |
|--|-----------------------------------|---------------------------------|------------------------------------|-----------------------------------|---------------------------------|
| Historical Cost | \$ 22,636,390.93 | \$ 22,647,737.26 | Book Yield Gross | 0.92% | 0.92% |
| Book Value | \$ 22,518,225.67 | \$ 22,524,734.78 | Market Yield Gross | 0.79% | 0.68% |
| Accrued Interest | 48,065.90 | 58,957.18 | Weighted Average Coupon | 1.19% | 1.18% |
| Book Value Plus Accrued | \$ 22,566,291.58 | \$ 22,583,691.96 | Duration | 0.99 Years | 0.92 Years |
| Net Unrealized Gain/Loss | 21,331.69 | 67,445.91 | Weighted Effective Maturity | 1.01 Years | 0.93 Years |
| Market Value Plus Accrued⁽²⁾ | \$ 22,587,623.27 | \$ 22,651,137.87 | Weighted Final Maturity | 1.02 Years | 0.94 Years |
| Net Pending Transactions | 506.70 | 339.83 | | | |
| Market Value Plus Accrued Net⁽²⁾ | \$ 22,588,129.97 | \$ 22,651,477.70 | | | |

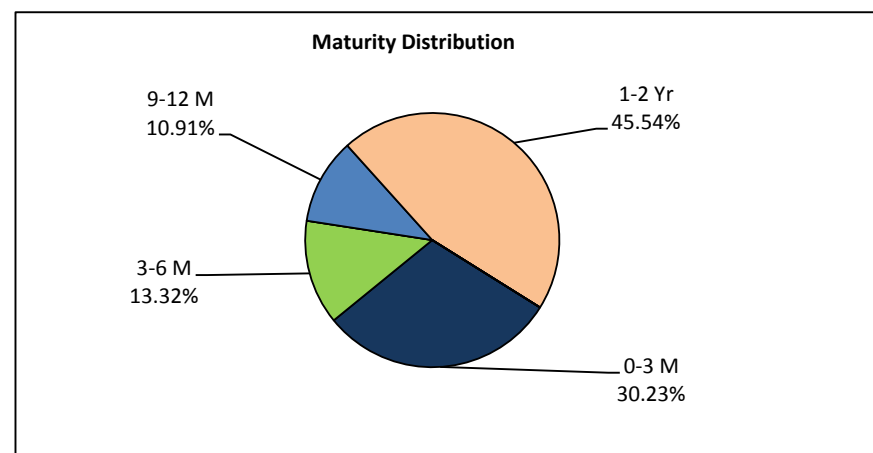
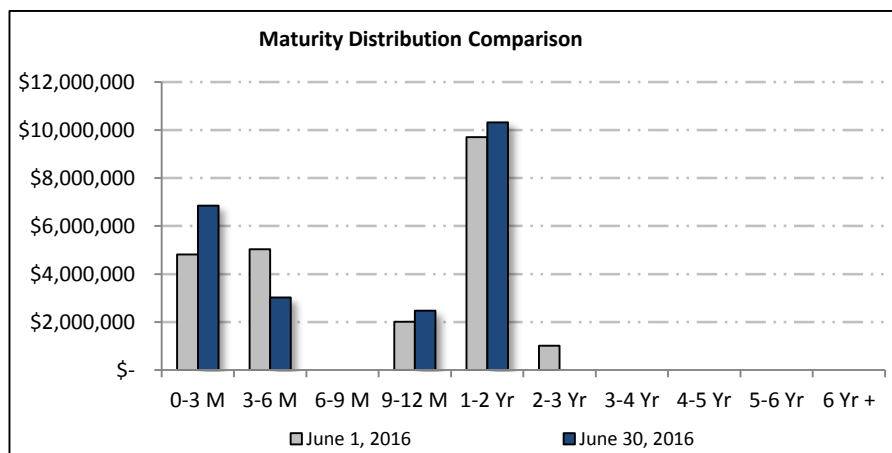
| City of Tamarac Managed Portfolio | June 2016 Net Income |
|-----------------------------------|-------------------------|
| Interest Income | \$ 22,070.74 |
| Net Amortization/Accretion | (4,837.22) |
| Net Realized Gain/Loss | 0.00 |
| Net Income | \$ 17,233.52 |

(1) Payables represent amounts due to settle security transactions that have been executed but have not settled as of period end. The funds used to settle these trades may come from a variety of sources including cash within the portfolio, proceeds from future security transactions including maturities and sales, or other sources including money market funds. For reporting purposes, a payable is created for over-period settlements which are reflected in the detailed holdings.

(2) Market Value Plus Accrued Net represents the market value of the portfolio net payables and receivables from transactions that settle in the following reporting period.

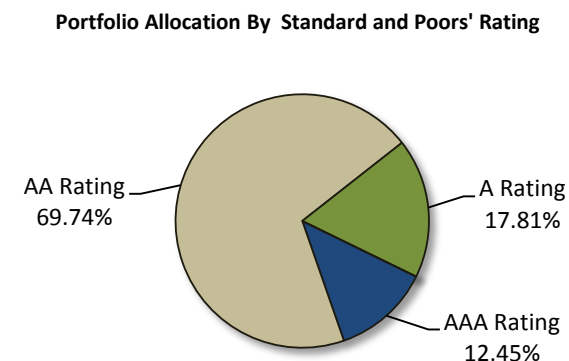
City of Tamarac Managed Portfolio Maturity Distribution Market Value Basis June 1, 2016 to June 30, 2016

| <u>Maturity Distribution</u> | <u>June 1, 2016 Beginning Balance</u> | <u>June 30, 2016 Ending Balance</u> | <u>Portfolio Allocation</u> | <u>Distribution Change</u> |
|------------------------------|---|---|-----------------------------|----------------------------|
| 0-3 Months | \$ 4,817,690.42 | \$ 6,848,168.97 | 30.23% | 8.90% |
| 3-6 Months | 5,031,459.83 | 3,016,552.12 | 13.32% | -8.96% |
| 6-9 Months | - | - | 0.00% | 0.00% |
| 9-12 Months | 2,015,955.00 | 2,470,614.50 | 10.91% | 1.98% |
| 1-2 Years | 9,709,175.63 | 10,315,802.28 | 45.54% | 2.56% |
| 2-3 Years | 1,013,342.39 | - | 0.00% | -4.49% |
| 3-4 Years | - | - | 0.00% | 0.00% |
| 4-5 Years | - | - | 0.00% | 0.00% |
| 5-6 Years | - | - | 0.00% | 0.00% |
| 6 Years + | - | - | 0.00% | 0.00% |
| Total Portfolio | \$ 22,587,623.27 | \$ 22,651,137.87 | 100.00% | |

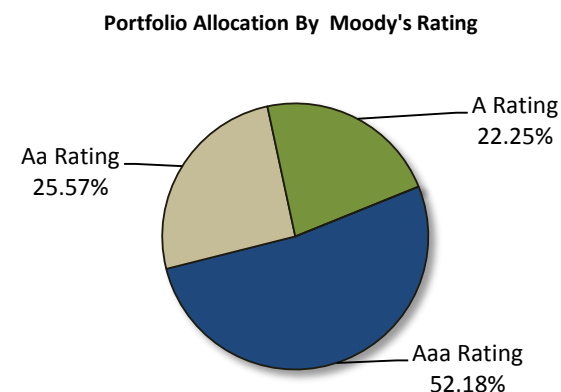


City of Tamarac Managed Portfolio Rating Distribution Market Value Basis June 1, 2016 to June 30, 2016

| S&P Rating Distribution | June 30, 2016 Ending Balance | Portfolio Allocation |
|---------------------------------------|---------------------------------|----------------------|
| Short Term Rating Distribution | | |
| A-1+ | \$ - | 0.00% |
| A-1 | - | 0.00% |
| Total Short Term Ratings | \$ - | 0.00% |
| Long Term Rating Distribution | | |
| AAA Rating | \$ 2,820,039.52 | 12.45% |
| AA Rating | 15,796,729.46 | 69.74% |
| A Rating | 4,034,368.89 | 17.81% |
| Below A or Not Rated | - | 0.00% |
| Total Long Term Rating | \$ 22,651,137.87 | 100.00% |
| Total Portfolio | \$ 22,651,137.87 | 100.00% |

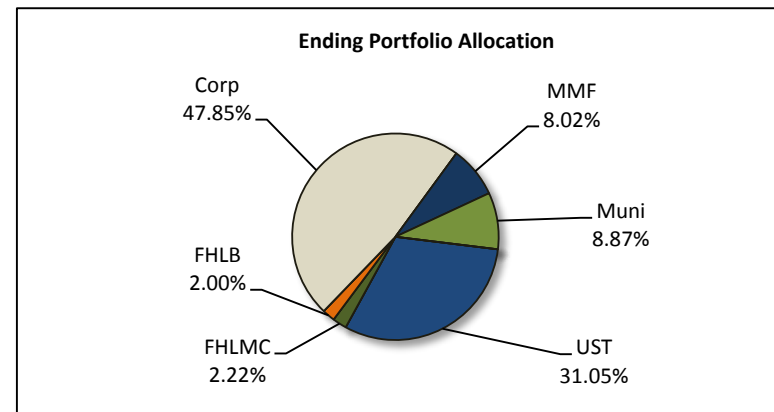
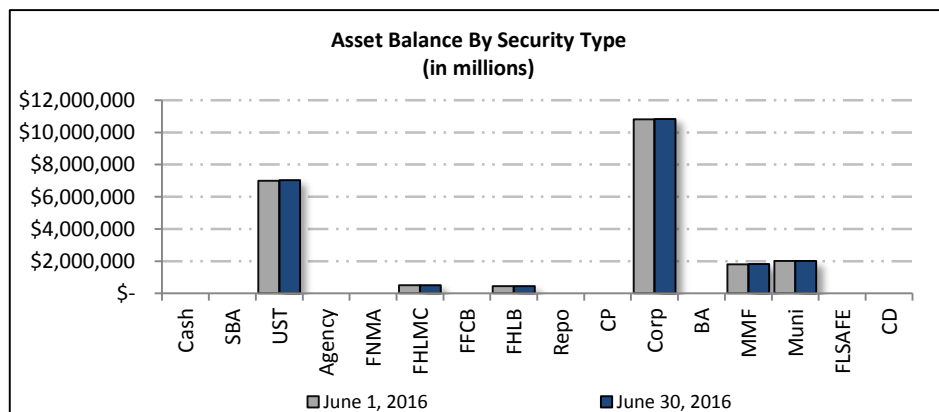


| Moody's Rating Distribution | June 30, 2016 Ending Balance | Portfolio Allocation |
|---------------------------------------|---------------------------------|----------------------|
| Short Term Rating Distribution | | |
| P-1 | \$ - | 0.00% |
| P-2 | - | 0.00% |
| Total Short Term Ratings | \$ - | 0.00% |
| Long Term Rating Distribution | | |
| Aaa Rating | \$ 11,820,127.15 | 52.18% |
| Aa Rating | 5,791,297.94 | 25.57% |
| A Rating | 5,039,712.78 | 22.25% |
| Below A or Not Rated | - | 0.00% |
| Total Long Term Rating | \$ 22,651,137.87 | 100.00% |
| Total Portfolio | \$ 22,651,137.87 | 100.00% |



City of Tamarac Managed Portfolio Market Value Basis Security Distribution June 1, 2016 to June 30, 2016

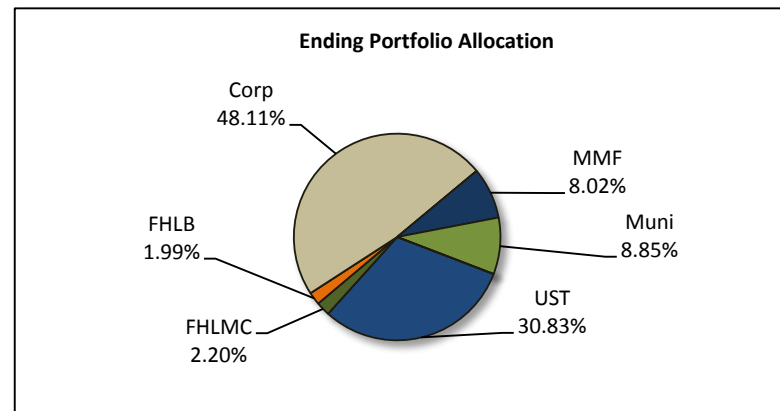
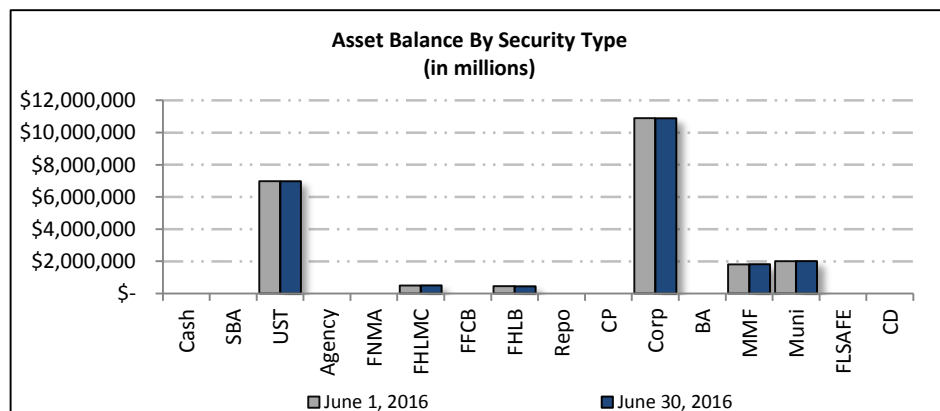
| Security Distribution | June 1, 2016 Beginning Balance | Portfolio Allocation | June 30, 2016 Ending Balance | Book Yield | Portfolio Allocation | Change in Allocation |
|-------------------------------------|-----------------------------------|-------------------------|---------------------------------|--------------|-------------------------|-------------------------|
| Cash | \$ - | 0.00% | \$ - | 0.00% | 0.00% | 0.00% |
| SBA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| U.S. Treasury Notes | 7,001,519.35 | 31.00% | 7,033,468.96 | 0.88% | 31.05% | 0.05% |
| U.S. Agency Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FNMA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLMC | 500,457.92 | 2.22% | 502,615.42 | 0.95% | 2.22% | 0.00% |
| FFCB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLB | 453,005.00 | 2.01% | 452,034.50 | 0.82% | 2.00% | -0.01% |
| Fed Instrumentality Subtotal | \$ 953,462.92 | 4.22% | \$ 954,649.92 | 0.89% | 4.21% | -0.01% |
| Repurchase Agreement | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Commercial Paper | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Corporate Notes | 10,820,196.14 | 47.90% | 10,838,957.81 | 1.08% | 47.85% | -0.05% |
| Bankers Acceptances | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Money Market Funds | 1,804,334.86 | 7.99% | 1,815,681.19 | 0.25% | 8.02% | 0.03% |
| Municipal Bonds | 2,008,110.00 | 8.89% | 2,008,380.00 | 0.81% | 8.87% | -0.02% |
| FLSAFE | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Certificates of Deposit | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Total Portfolio Market Value | \$ 22,587,623.27 | 100.00% | \$ 22,651,137.87 | 0.92% | 100.00% | |



*Permitted allocation based on aggregate assets as defined within the investment policy.

City of Tamarac Managed Portfolio Historical Cost Basis Security Distribution June 1, 2016 to June 30, 2016

| Security Distribution | June 1, 2016 Beginning Balance | Portfolio Allocation | June 30, 2016 Ending Balance | Book Yield | Portfolio Allocation | Change in Allocation |
|--|-----------------------------------|-------------------------|---------------------------------|--------------|-------------------------|-------------------------|
| Cash | \$ - | 0.00% | \$ - | 0.00% | 0.00% | 0.00% |
| SBA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| U.S. Treasury Notes | 6,982,226.57 | 30.85% | 6,982,226.57 | 0.88% | 30.83% | -0.02% |
| U.S. Agency Notes | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FNMA | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLMC | 497,380.00 | 2.20% | 497,380.00 | 0.95% | 2.20% | 0.00% |
| FFCB | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| FHLB | 451,611.00 | 2.00% | 451,611.00 | 0.82% | 1.99% | 0.00% |
| Fed Instrumentality Subtotal | \$ 948,991.00 | 4.19% | \$ 948,991.00 | 0.89% | 4.19% | 0.00% |
| Repurchase Agreement | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Commercial Paper | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Corporate Notes | 10,895,638.50 | 48.13% | 10,895,638.50 | 1.08% | 48.11% | -0.02% |
| Bankers Acceptances | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Money Market Funds | 1,804,334.86 | 7.97% | 1,815,681.19 | 0.25% | 8.02% | 0.05% |
| Municipal Bonds | 2,005,200.00 | 8.86% | 2,005,200.00 | 0.81% | 8.85% | 0.00% |
| FLSAFE | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Certificates of Deposit | - | 0.00% | - | 0.00% | 0.00% | 0.00% |
| Total Portfolio Historical Cost | \$ 22,636,390.93 | 100.00% | \$ 22,647,737.26 | 0.92% | 100.00% | |



*Permitted allocation based on aggregate assets as defined within the investment policy.

Additional Disclosure

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Past performance is not an indication of future performance.

Beginning and Ending Balances based on Market Value plus Accrued Interest on a Trade Date basis.

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Public Trust Advisors
717 17th Street, Suite 1850
Denver, CO 80202

City of Tamarac Managed Portfolio Detail

Portfolio Holdings

Portfolio Income

Portfolio Transactions

Issuer Concentration

Security Concentration

Portfolio Activity Summary



Month End Report Trade Date

Tamarac, City of (43270)

Month End (M6 Y2016)

06/01/2016 - 06/30/2016

Dated: 07/18/2016

Locked Down

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Dated: 07/18/2016

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Holdings Report Trade Date

Tamarac, City of (43270)

As of 06/30/2016

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Dated: 07/18/2016

| Description, Identifier, Security Type, Coupon | Effective Maturity, Final Maturity, Callable, Next Call Date | Original Cost, Current Units, Market Price | Trade Date, Settle Date | Moodys Rating, S&P Rating, Fitch Rating | Book Value, Book Value + Accrued | Accrued Balance, Net Unrealized Gain/Loss | Market Value, Market Value + Accrued |
|---|---|--|----------------------------|--|-------------------------------------|--|---|
| FEDERAL HOME LOAN BANKS 313379FW4 AGCY BOND 1.00 --- | 06/09/2017 06/09/2017 N --- | 451,611.00 450,000.00 100.391 | 06/09/2015 06/10/2015 | Aaa AA+ --- | 450,761.34 451,036.34 | 275.00 998.16 | 451,759.50 452,034.50 |
| FREDDIE MAC 3137EADN6 AGCY BOND 0.75 --- | 01/12/2018 01/12/2018 N --- | 497,380.00 500,000.00 100.171 | 05/12/2015 05/13/2015 | Aaa AA+ --- | 498,487.55 500,247.96 | 1,760.42 2,367.45 | 500,855.00 502,615.42 |
| 3M CO 88579YAD3 CORP 1.375 --- | 09/29/2016 09/29/2016 N --- | 1,024,050.00 1,000,000.00 100.183 | 03/12/2013 03/15/2013 | A1 AA- --- | 1,001,679.45 1,005,193.34 | 3,513.89 150.55 | 1,001,830.00 1,005,343.89 |
| US BANCORP 91159HHD5 CORP 1.65 --- | 04/15/2017 05/15/2017 Y 04/15/2017 | 1,014,440.00 1,000,000.00 100.479 | 02/19/2015 02/24/2015 | A1 A+ --- | 1,005,355.76 1,007,464.09 | 2,108.33 -565.76 | 1,004,790.00 1,006,898.33 |
| TORONTO DOMINION BANK 89114QAE8 CORP 2.375 --- | 10/19/2016 10/19/2016 N --- | 1,031,110.00 1,000,000.00 100.468 | 10/30/2014 11/04/2014 | Aa1 AA- --- | 1,004,801.57 1,009,551.57 | 4,750.00 -121.57 | 1,004,680.00 1,009,430.00 |
| COLGATE-PALMOLIVE CO 19416QEB2 CORP 0.90 --- | 05/01/2018 05/01/2018 N --- | 990,840.00 1,000,000.00 100.296 | 01/21/2015 01/26/2015 | Aa3 AA- --- | 994,811.56 996,311.56 | 1,500.00 8,148.44 | 1,002,960.00 1,004,460.00 |
| CHEVRON CORP 166764AE0 CORP 1.718 05/24/2018 | 05/24/2018 06/24/2018 Y 05/24/2018 | 1,011,540.00 1,000,000.00 101.168 | 01/21/2015 01/26/2015 | Aa2 AA- --- | 1,006,648.02 1,006,982.07 | 334.06 5,031.98 | 1,011,680.00 1,012,014.06 |
| AMERICAN EXPRESS CREDIT CORP 0258M0DG1 CORP 1.30 --- | 07/29/2016 07/29/2016 N --- | 1,008,146.00 1,000,000.00 100.035 | 01/08/2014 01/13/2014 | A2 A- --- | 1,000,248.76 1,005,737.65 | 5,488.89 101.24 | 1,000,350.00 1,005,838.89 |
| TOYOTA MOTOR CREDIT CORPORATION 89233P5E2 CORP 2.00 --- | 09/15/2016 09/15/2016 N --- | 1,014,340.00 1,000,000.00 100.243 | 07/10/2015 07/15/2015 | Aa3 AA- --- | 1,002,545.64 1,008,434.53 | 5,888.89 -115.64 | 1,002,430.00 1,008,318.89 |
| APPLE INC 037833AJ9 CORP 1.00 --- | 05/03/2018 05/03/2018 N --- | 741,622.50 750,000.00 100.246 | 06/09/2015 06/12/2015 | Aa1 AA+ --- | 744,633.85 745,842.18 | 1,208.33 7,211.15 | 751,845.00 753,053.33 |
| EXXON MOBIL CORP 30231GAL6 CORP 1.305 --- | 03/06/2018 03/06/2018 N --- | 1,000,880.00 1,000,000.00 100.78 | 03/04/2015 03/09/2015 | Aaa AA+ --- | 1,000,498.98 1,004,667.73 | 4,168.75 7,301.02 | 1,007,800.00 1,011,968.75 |
| PNC FUNDING CORP 693476BM4 CORP 2.70 08/19/2016 | 08/19/2016 09/19/2016 Y 08/19/2016 | 1,041,210.00 1,000,000.00 100.23 | 09/27/2013 10/02/2013 | A3 A- --- | 1,001,939.10 1,009,589.10 | 7,650.00 360.90 | 1,002,300.00 1,009,950.00 |
| WELLS FARGO & CO 94974BFD7 CORP 2.10 --- | 05/08/2017 05/08/2017 N --- | 1,017,460.00 1,000,000.00 100.859 | 12/18/2014 12/23/2014 | A2 A --- | 1,006,336.96 1,009,428.63 | 3,091.67 2,253.04 | 1,008,590.00 1,011,681.67 |
| Invesco Treasury Inst 825252406 MMFUND 0.25 --- | 06/30/2016 06/30/2016 N --- | 1,815,681.19 1,815,681.19 1.00 | --- | Aaa AAAm --- | 1,815,681.19 1,815,681.19 | 0.00 0.00 | 1,815,681.19 1,815,681.19 |
| MARYLAND ST 574193HL5 MUNI 0.95 --- | 08/01/2016 08/01/2016 N --- | 1,004,700.00 1,000,000.00 100.04 | 07/26/2013 08/06/2013 | Aaa AAA --- | 1,000,135.36 1,004,093.69 | 3,958.33 264.64 | 1,000,400.00 1,004,358.33 |
| WASHINGTON ST 93974DAL2 MUNI 0.85 --- | 08/01/2016 08/01/2016 N --- | 1,000,500.00 1,000,000.00 100.048 | 08/08/2013 08/21/2013 | Aa1 AA+ --- | 1,000,014.58 1,003,556.25 | 3,541.67 465.42 | 1,000,480.00 1,004,021.67 |

Holdings Report Trade Date

Tamarac, City of (43270)

As of 06/30/2016

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Dated: 07/18/2016

| Description, Identifier, Security Type, Coupon | Effective Maturity, Final Maturity, Callable, Next Call Date | Original Cost, Current Units, Market Price | Trade Date, Settle Date | Moodys Rating, S&P Rating, Fitch Rating | Book Value, Book Value + Accrued | Accrued Balance, Net Unrealized Gain/Loss | Market Value, Market Value + Accrued |
|---|---|--|----------------------------|--|-------------------------------------|--|---|
| UNITED STATES TREASURY 912828UR9 US GOV 0.75 | 02/28/2018 02/28/2018 N --- | 995,781.25 1,000,000.00 100.273 | 03/16/2016 03/16/2016 | Aaa AA+ --- | 996,404.02 998,910.81 | 2,506.79 6,325.98 | 1,002,730.00 1,005,236.79 |
| UNITED STATES TREASURY 912828WF3 US GOV 0.625 | 11/15/2016 11/15/2016 N --- | 997,421.88 1,000,000.00 100.098 | 01/21/2014 01/23/2014 | Aaa AA+ --- | 999,655.71 1,000,453.94 | 798.23 1,324.29 | 1,000,980.00 1,001,778.23 |
| UNITED STATES TREASURY 912828VE7 US GOV 1.00 | 05/31/2018 05/31/2018 N --- | 2,003,359.38 2,000,000.00 100.773 | 05/25/2016 05/26/2016 | Aaa AA+ --- | 2,003,197.03 2,004,891.02 | 1,693.99 12,262.97 | 2,015,460.00 2,017,153.99 |
| UNITED STATES TREASURY 912828TS9 US GOV 0.625 | 09/30/2017 09/30/2017 N --- | 1,992,968.75 2,000,000.00 100.094 | 11/05/2015 11/05/2015 | Aaa AA+ --- | 1,995,373.27 1,998,515.34 | 3,142.08 6,506.73 | 2,001,880.00 2,005,022.08 |
| UNITED STATES TREASURY 912828K25 US GOV 0.75 | 04/15/2018 04/15/2018 N --- | 992,695.31 1,000,000.00 100.27 | 05/07/2015 05/08/2015 | Aaa AA+ --- | 995,525.10 997,102.97 | 1,577.87 7,174.90 | 1,002,700.00 1,004,277.87 |
| --- | 06/05/2017 | 22,647,737.26 | --- | Aa3 | 22,524,734.78 | 58,957.18 | 22,592,180.69 |
| --- | 06/09/2017 | 22,515,681.19 | --- | AA- | 22,583,691.96 | 67,445.91 | 22,651,137.87 |
| --- | --- | --- | --- | --- | --- | --- | --- |

* Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Income Detail Report Trade Date

Tamarac, City of (43270)

06/01/2016 - 06/30/2016

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Dated: 07/18/2016

| Identifier, Description | Final Maturity | Current Units | Earned Interest Income | Realized Gain, Realized Loss | Accretion Income | Amortization Expense | Misc Income | Net Earned Income | Interest Payment Received, Ending Interest Due |
|--|----------------|---------------|---------------------------|---------------------------------|------------------|----------------------|-------------|-------------------|--|
| 166764AE0 CHEVRON CORP | 06/24/2018 | 1,000,000.00 | 1,431.67 | 0.00 0.00 | 0.00 | -282.74 | 0.00 | 1,148.93 | 8,590.00 0.00 |
| 912828VE7 UNITED STATES TREASURY | 05/31/2018 | 2,000,000.00 | 1,639.34 | 0.00 0.00 | 0.00 | -135.84 | 0.00 | 1,503.50 | 0.00 0.00 |
| 037833AJ9 APPLE INC | 05/03/2018 | 750,000.00 | 625.00 | 0.00 0.00 | 235.10 | 0.00 | 0.00 | 860.10 | 0.00 0.00 |
| 19416QEB2 COLGATE-PALMOLIVE CO | 05/01/2018 | 1,000,000.00 | 750.00 | 0.00 0.00 | 228.37 | 0.00 | 0.00 | 978.37 | 0.00 0.00 |
| 912828K25 UNITED STATES TREASURY | 04/15/2018 | 1,000,000.00 | 614.75 | 0.00 0.00 | 203.24 | 0.00 | 0.00 | 818.00 | 0.00 0.00 |
| 30231GAL6 EXXON MOBIL CORP | 03/06/2018 | 1,000,000.00 | 1,087.50 | 0.00 0.00 | 0.00 | -23.91 | 0.00 | 1,063.59 | 0.00 0.00 |
| 912828UR9 UNITED STATES TREASURY | 02/28/2018 | 1,000,000.00 | 611.41 | 0.00 0.00 | 174.61 | 0.00 | 0.00 | 786.02 | 0.00 0.00 |
| 3137EADN6 FREDDIE MAC | 01/12/2018 | 500,000.00 | 312.50 | 0.00 0.00 | 80.71 | 0.00 | 0.00 | 393.21 | 0.00 0.00 |
| 912828TS9 UNITED STATES TREASURY | 09/30/2017 | 2,000,000.00 | 1,024.59 | 0.00 0.00 | 302.25 | 0.00 | 0.00 | 1,326.84 | 0.00 0.00 |
| 313379FW4 FEDERAL HOME LOAN BANKS | 06/09/2017 | 450,000.00 | 375.00 | 0.00 0.00 | 0.00 | -66.18 | 0.00 | 308.82 | 2,250.00 0.00 |
| 91159HHD5 US BANCORP | 05/15/2017 | 1,000,000.00 | 1,375.00 | 0.00 0.00 | 0.00 | -552.14 | 0.00 | 822.86 | 0.00 0.00 |
| 94974BFD7 WELLS FARGO & CO | 05/08/2017 | 1,000,000.00 | 1,750.00 | 0.00 0.00 | 0.00 | -603.06 | 0.00 | 1,146.94 | 0.00 0.00 |
| 912828WF3 UNITED STATES TREASURY | 11/15/2016 | 1,000,000.00 | 509.51 | 0.00 0.00 | 75.39 | 0.00 | 0.00 | 584.90 | 0.00 0.00 |
| 89114QAE8 TORONTO DOMINION BANK | 10/19/2016 | 1,000,000.00 | 1,979.17 | 0.00 0.00 | 0.00 | -1,309.52 | 0.00 | 669.65 | 0.00 0.00 |
| 88579YAD3 3M CO | 09/29/2016 | 1,000,000.00 | 1,145.83 | 0.00 0.00 | 0.00 | -559.82 | 0.00 | 586.02 | 0.00 0.00 |
| 693476BM4 PNC FUNDING CORP | 09/19/2016 | 1,000,000.00 | 2,250.00 | 0.00 0.00 | 0.00 | -1,187.21 | 0.00 | 1,062.79 | 0.00 0.00 |
| 89233P5E2 TOYOTA MOTOR CREDIT CORPORATION | 09/15/2016 | 1,000,000.00 | 1,666.67 | 0.00 0.00 | 0.00 | -1,004.86 | 0.00 | 661.81 | 0.00 0.00 |
| 574193HL5 MARYLAND ST | 08/01/2016 | 1,000,000.00 | 791.67 | 0.00 0.00 | 0.00 | -130.99 | 0.00 | 660.68 | 0.00 0.00 |
| 93974DAL2 WASHINGTON ST | 08/01/2016 | 1,000,000.00 | 708.33 | 0.00 0.00 | 0.00 | -14.11 | 0.00 | 694.22 | 0.00 0.00 |
| 0258M0DG1 AMERICAN EXPRESS CREDIT CORP | 07/29/2016 | 1,000,000.00 | 1,083.33 | 0.00 0.00 | 0.00 | -266.53 | 0.00 | 816.80 | 0.00 0.00 |
| 825252406 Invesco Treasury:Inst | 06/30/2016 | 1,815,681.19 | 339.46 | 0.00 -0.00 | 0.00 | 0.00 | 0.00 | 339.46 | 506.33 339.83 |
| CCYUSD Cash | 06/30/2016 | 0.00 | 0.00 | 0.00 0.00 | 0.00 | 0.00 | -0.00 | 0.00 | 0.00 0.00 |
| --- | 06/09/2017 | 22,515,681.19 | 22,070.74 | 0.00 -0.00 | 1,299.68 | -6,136.90 | -0.00 | 17,233.52 | 11,346.33 339.83 |

* Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Transactions Realized Gain Loss Report

Tamarac, City of (43270)

06/01/2016 - 06/30/2016

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Dated: 07/18/2016

* Does not Lock Down.

| Identifier | Description | Current Units | Type | Settle Date | Price | Principal | Realized Gain/Loss | Amount |
|------------|-------------------------|------------------|--------------------|-------------|-------|------------------|--------------------|---------------|
| 825252406 | Invesco Treasury:Inst | 0.00 | Money Market Funds | 05/31/2016 | --- | 0.00 | 0.00 | 506.33 |
| 825252406 | Invesco Treasury:Inst | 506.33 | Buy | 06/02/2016 | 1.00 | 506.33 | 0.00 | -506.33 |
| 313379FW4 | FEDERAL HOME LOAN BANKS | 0.00 | Coupon | 06/09/2016 | --- | 0.00 | 0.00 | 2,250.00 |
| 825252406 | Invesco Treasury:Inst | 2,250.00 | Buy | 06/09/2016 | 1.00 | 2,250.00 | 0.00 | -2,250.00 |
| 166764AE0 | CHEVRON CORP | 0.00 | Coupon | 06/24/2016 | --- | 0.00 | 0.00 | 8,590.00 |
| 825252406 | Invesco Treasury:Inst | 8,590.00 | Buy | 06/24/2016 | 1.00 | 8,590.00 | 0.00 | -8,590.00 |
| 825252406 | Invesco Treasury:Inst | 0.00 | Money Market Funds | 06/30/2016 | --- | 0.00 | 0.00 | 339.69 |
| --- | --- | 11,346.33 | --- | --- | --- | 11,346.33 | 0.00 | 339.69 |

* Filtered By: Type = Buy or Type = Sell or Type = Call Redemption or Type = Put Redemption or Type = Corporate Action Sell or Type = Cash Transfer or Type = Maturity or Type = Coupon or Type = Principal Paydown or Type = Money Market Funds. * MMF transactions are expanded.

* The Transaction Detail/Trading Activity reports provide our most up-to-date transactional details. As such, these reports are subject to change even after the other reports on the website have been locked down. While these reports can be useful tools in understanding recent activity, due to their dynamic nature we do not recommend using them for booking journal entries or reconciliation.

Issuer Concentration with Yield GASB 40 Trade Date

Tamarac, City of (43270)

As of 06/30/2016

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Dated: 07/18/2016

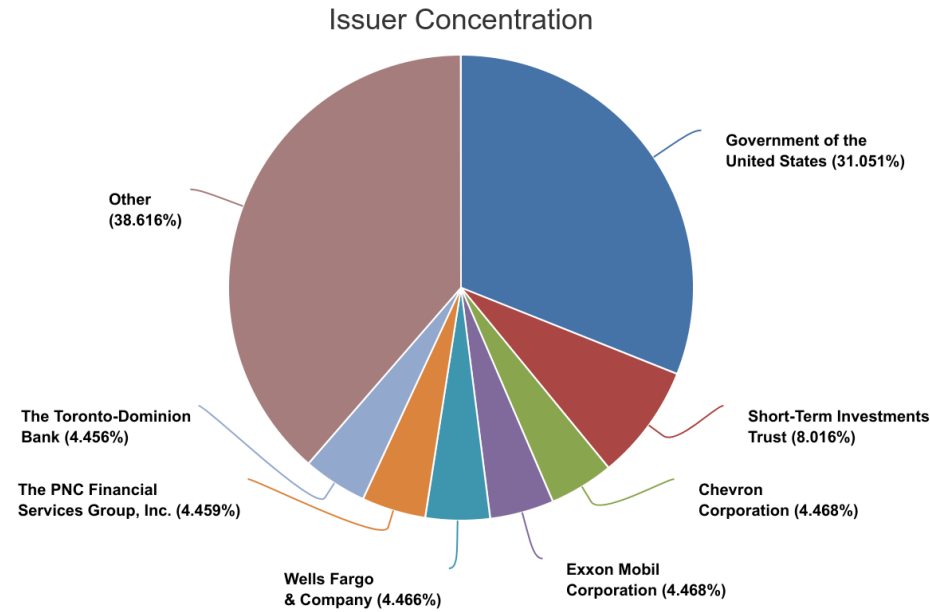


Chart calculated by: Market Value + Accrued

3M Company

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|-----------------------------------|---------------|-------------|-----------|----------|------------|-------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| 88579YAD3 | CORP | 3M CO 3M Company | 1,000,000.00 | Fixed | N | 0.247 | 0.686 | 0.631 | 09/29/2016 09/29/2016 | 3,513.89 | 1,001,679.45 1,005,193.34 | 1,001,830.00 1,005,343.89 |
| 88579YAD3 | CORP | 3M CO 3M Company | 1,000,000.00 | Fixed | N | 0.247 | 0.686 | 0.631 | 09/29/2016 09/29/2016 | 3,513.89 | 1,001,679.45 1,005,193.34 | 1,001,830.00 1,005,343.89 |

American Express Company

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|--|---------------|-------------|-----------|----------|------------|-------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| 0258M0DG1 | CORP | AMERICAN EXPRESS CREDIT CORP American Express Company | 1,000,000.00 | Fixed | N | 0.08 | 0.975 | 0.861 | 07/29/2016 07/29/2016 | 5,488.89 | 1,000,248.76 1,005,737.65 | 1,000,350.00 1,005,838.89 |
| 0258M0DG1 | CORP | AMERICAN EXPRESS CREDIT CORP American Express Company | 1,000,000.00 | Fixed | N | 0.08 | 0.975 | 0.861 | 07/29/2016 07/29/2016 | 5,488.89 | 1,000,248.76 1,005,737.65 | 1,000,350.00 1,005,838.89 |

Apple Inc.

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|-----------------------------------|---------------|-------------|-----------|----------|------------|-------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| 037833AJ9 | CORP | APPLE INC Apple Inc. | 750,000.00 | Fixed | N | 1.819 | 1.395 | 0.865 | 05/03/2018 05/03/2018 | 1,208.33 | 744,633.85 745,842.18 | 751,845.00 753,053.33 |
| 037833AJ9 | CORP | APPLE INC Apple Inc. | 750,000.00 | Fixed | N | 1.819 | 1.395 | 0.865 | 05/03/2018 05/03/2018 | 1,208.33 | 744,633.85 745,842.18 | 751,845.00 753,053.33 |

Issuer Concentration with Yield GASB 40 Trade Date

Tamarac, City of (43270)

As of 06/30/2016

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Dated: 07/18/2016

Chevron Corporation

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 166764AE0 | CORP | CHEVRON CORP Chevron Corporation | 1,000,000.00 | Fixed | Y | 1.862 | 1.362 | 1.095 | 05/24/2018 06/24/2018 | 334.06 | 1,006,648.02 1,006,982.07 | 1,011,680.00 1,012,014.06 |
| 166764AE0 | CORP | CHEVRON CORP Chevron Corporation | 1,000,000.00 | Fixed | Y | 1.862 | 1.362 | 1.095 | 05/24/2018 06/24/2018 | 334.06 | 1,006,648.02 1,006,982.07 | 1,011,680.00 1,012,014.06 |

Colgate-Palmolive Company

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| 19416QEB2 | CORP | COLGATE-PALMOLIVE CO Colgate-Palmolive Company | 1,000,000.00 | Fixed | N | 1.816 | 1.187 | 0.737 | 05/01/2018 05/01/2018 | 1,500.00 | 994,811.56 996,311.56 | 1,002,960.00 1,004,460.00 |
| 19416QEB2 | CORP | COLGATE-PALMOLIVE CO Colgate-Palmolive Company | 1,000,000.00 | Fixed | N | 1.816 | 1.187 | 0.737 | 05/01/2018 05/01/2018 | 1,500.00 | 994,811.56 996,311.56 | 1,002,960.00 1,004,460.00 |

Exxon Mobil Corporation

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 30231GAL6 | CORP | EXXON MOBIL CORP Exxon Mobil Corporation | 1,000,000.00 | Fixed | N | 1.657 | 1.275 | 0.837 | 03/06/2018 03/06/2018 | 4,168.75 | 1,000,498.98 1,004,667.73 | 1,007,800.00 1,011,968.75 |
| 30231GAL6 | CORP | EXXON MOBIL CORP Exxon Mobil Corporation | 1,000,000.00 | Fixed | N | 1.657 | 1.275 | 0.837 | 03/06/2018 03/06/2018 | 4,168.75 | 1,000,498.98 1,004,667.73 | 1,007,800.00 1,011,968.75 |

Federal Home Loan Mortgage Corporation

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|------------------|---|-------------------|--------------|-----------|--------------|-------------|--------------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| 3137EADN6 | AGCY BOND | FREDDIE MAC Federal Home Loan Mortgage Corporation | 500,000.00 | Fixed | N | 1.517 | 0.95 | 0.638 | 01/12/2018 01/12/2018 | 1,760.42 | 498,487.55 500,247.96 | 500,855.00 502,615.42 |
| 3137EADN6 | AGCY BOND | FREDDIE MAC Federal Home Loan Mortgage Corporation | 500,000.00 | Fixed | N | 1.517 | 0.95 | 0.638 | 01/12/2018 01/12/2018 | 1,760.42 | 498,487.55 500,247.96 | 500,855.00 502,615.42 |

FHLBanks Office of Finance

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|------------------|---|-------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| 313379FW4 | AGCY BOND | FEDERAL HOME LOAN BANKS FHLBanks Office of Finance | 450,000.00 | Fixed | N | 0.936 | 0.819 | 0.583 | 06/09/2017 06/09/2017 | 275.00 | 450,761.34 451,036.34 | 451,759.50 452,034.50 |
| 313379FW4 | AGCY BOND | FEDERAL HOME LOAN BANKS FHLBanks Office of Finance | 450,000.00 | Fixed | N | 0.936 | 0.819 | 0.583 | 06/09/2017 06/09/2017 | 275.00 | 450,761.34 451,036.34 | 451,759.50 452,034.50 |

Government of the United States

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|---|---------------|-------------|-----------|----------|------------|-------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| 912828UR9 | US GOV | UNITED STATES TREASURY Government of the United States | 1,000,000.00 | Fixed | N | 1.652 | 0.968 | 0.585 | 02/28/2018 02/28/2018 | 2,506.79 | 996,404.02 998,910.81 | 1,002,730.00 1,005,236.79 |
| 912828WF3 | US GOV | UNITED STATES TREASURY Government of the United States | 1,000,000.00 | Fixed | N | 0.374 | 0.718 | 0.363 | 11/15/2016 11/15/2016 | 798.23 | 999,655.71 1,000,453.94 | 1,000,980.00 1,001,778.23 |
| 912828VE7 | US GOV | UNITED STATES TREASURY Government of the United States | 2,000,000.00 | Fixed | N | 1.898 | 0.916 | 0.594 | 05/31/2018 05/31/2018 | 1,693.99 | 2,003,197.03 2,004,891.02 | 2,015,460.00 2,017,153.99 |

Issuer Concentration with Yield GASB 40 Trade Date

Tamarac, City of (43270)

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Dated: 07/18/2016

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|---|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 912828TS9 | US GOV | UNITED STATES TREASURY Government of the United States | 2,000,000.00 | Fixed | N | 1.243 | 0.812 | 0.549 | 09/30/2017 09/30/2017 | 3,142.08 | 1,995,373.27 1,998,515.34 | 2,001,880.00 2,005,022.08 |
| 912828K25 | US GOV | UNITED STATES TREASURY Government of the United States | 1,000,000.00 | Fixed | N | 1.776 | 1.003 | 0.598 | 04/15/2018 04/15/2018 | 1,577.87 | 995,525.10 997,102.97 | 1,002,700.00 1,004,277.87 |
| --- | US GOV | UNITED STATES TREASURY Government of the United States | 7,000,000.00 | Fixed | N | 1.442 | 0.878 | 0.548 | 12/13/2017 12/13/2017 | 9,718.96 | 6,990,155.13 6,999,874.09 | 7,023,750.00 7,033,468.96 |

Maryland, State of

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---------------------------------------|---------------------|--------------|-----------|--------------|-------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 574193HL5 | MUNI | MARYLAND ST Maryland, State of | 1,000,000.00 | Fixed | N | 0.086 | 0.79 | 0.483 | 08/01/2016 08/01/2016 | 3,958.33 | 1,000,135.36 1,004,093.69 | 1,000,400.00 1,004,358.33 |
| 574193HL5 | MUNI | MARYLAND ST Maryland, State of | 1,000,000.00 | Fixed | N | 0.086 | 0.79 | 0.483 | 08/01/2016 08/01/2016 | 3,958.33 | 1,000,135.36 1,004,093.69 | 1,000,400.00 1,004,358.33 |

Short-Term Investments Trust

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|-------------|-------------|-------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 825252406 | MMFUND | Invesco Treasury;Inst Short-Term Investments Trust | 1,815,681.19 | Fixed | N | 0.00 | 0.25 | 0.25 | 06/30/2016 06/30/2016 | 0.00 | 1,815,681.19 1,815,681.19 | 1,815,681.19 1,815,681.19 |
| 825252406 | MMFUND | Invesco Treasury;Inst Short-Term Investments Trust | 1,815,681.19 | Fixed | N | 0.00 | 0.25 | 0.25 | 06/30/2016 06/30/2016 | 0.00 | 1,815,681.19 1,815,681.19 | 1,815,681.19 1,815,681.19 |

The PNC Financial Services Group, Inc.

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|--|---------------------|--------------|-----------|--------------|--------------|-------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 693476BM4 | CORP | PNC FUNDING CORP The PNC Financial Services Group, Inc. | 1,000,000.00 | Fixed | Y | 0.097 | 1.239 | 1.00 | 08/19/2016 09/19/2016 | 7,650.00 | 1,001,939.10 1,009,589.10 | 1,002,300.00 1,009,950.00 |
| 693476BM4 | CORP | PNC FUNDING CORP The PNC Financial Services Group, Inc. | 1,000,000.00 | Fixed | Y | 0.097 | 1.239 | 1.00 | 08/19/2016 09/19/2016 | 7,650.00 | 1,001,939.10 1,009,589.10 | 1,002,300.00 1,009,950.00 |

The Toronto-Dominion Bank

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|--|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 89114QAE8 | CORP | TORONTO DOMINION BANK The Toronto-Dominion Bank | 1,000,000.00 | Fixed | N | 0.302 | 0.771 | 0.822 | 10/19/2016 10/19/2016 | 4,750.00 | 1,004,801.57 1,009,551.57 | 1,004,680.00 1,009,430.00 |
| 89114QAE8 | CORP | TORONTO DOMINION BANK The Toronto-Dominion Bank | 1,000,000.00 | Fixed | N | 0.302 | 0.771 | 0.822 | 10/19/2016 10/19/2016 | 4,750.00 | 1,004,801.57 1,009,551.57 | 1,004,680.00 1,009,430.00 |

Toyota Motor Corporation

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 89233P5E2 | CORP | TOYOTA MOTOR CREDIT CORPORATION Toyota Motor Corporation | 1,000,000.00 | Fixed | N | 0.208 | 0.763 | 0.827 | 09/15/2016 09/15/2016 | 5,888.89 | 1,002,545.64 1,008,434.53 | 1,002,430.00 1,008,318.89 |
| 89233P5E2 | CORP | TOYOTA MOTOR CREDIT CORPORATION Toyota Motor Corporation | 1,000,000.00 | Fixed | N | 0.208 | 0.763 | 0.827 | 09/15/2016 09/15/2016 | 5,888.89 | 1,002,545.64 1,008,434.53 | 1,002,430.00 1,008,318.89 |

Issuer Concentration with Yield GASB 40 Trade Date

Tamarac, City of (43270)

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U.S. Bancorp

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|-----------------------------------|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 91159HHD5 | CORP | US BANCORP U.S. Bancorp | 1,000,000.00 | Fixed | Y | 0.676 | 0.967 | 1.041 | 04/15/2017 05/15/2017 | 2,108.33 | 1,005,355.76 1,007,464.09 | 1,004,790.00 1,006,898.33 |
| 91159HHD5 | CORP | US BANCORP U.S. Bancorp | 1,000,000.00 | Fixed | Y | 0.676 | 0.967 | 1.041 | 04/15/2017 05/15/2017 | 2,108.33 | 1,005,355.76 1,007,464.09 | 1,004,790.00 1,006,898.33 |

Washington, State of

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|--------------|--------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 93974DAL2 | MUNI | WASHINGTON ST Washington, State of | 1,000,000.00 | Fixed | N | 0.086 | 0.833 | 0.291 | 08/01/2016 08/01/2016 | 3,541.67 | 1,000,014.58 1,003,556.25 | 1,000,480.00 1,004,021.67 |
| 93974DAL2 | MUNI | WASHINGTON ST Washington, State of | 1,000,000.00 | Fixed | N | 0.086 | 0.833 | 0.291 | 08/01/2016 08/01/2016 | 3,541.67 | 1,000,014.58 1,003,556.25 | 1,000,480.00 1,004,021.67 |

Wells Fargo & Company

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------------|---------------|---|---------------------|--------------|-----------|--------------|-------------|--------------|------------------------------------|-----------------|--------------------------------------|--------------------------------------|
| 94974BFD7 | CORP | WELLS FARGO & CO Wells Fargo & Company | 1,000,000.00 | Fixed | N | 0.846 | 1.35 | 1.088 | 05/08/2017 05/08/2017 | 3,091.67 | 1,006,336.96 1,009,428.63 | 1,008,590.00 1,011,681.67 |
| 94974BFD7 | CORP | WELLS FARGO & CO Wells Fargo & Company | 1,000,000.00 | Fixed | N | 0.846 | 1.35 | 1.088 | 05/08/2017 05/08/2017 | 3,091.67 | 1,006,336.96 1,009,428.63 | 1,008,590.00 1,011,681.67 |

Summary

| Identifier | Security Type | Description, Issuer Concentration | Current Units | Coupon Type | Callab le | Duration | Book Yield | Yield | Effective Maturity, Final Maturity | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|------------|---------------|-----------------------------------|---------------|-------------|-----------|----------|------------|-------|------------------------------------|-----------------|----------------------------------|--------------------------------------|
| --- | --- | --- | 22,515,681.19 | Fixed | --- | 0.915 | 0.919 | 0.677 | 06/05/2017 06/09/2017 | 58,957.18 | 22,524,734.78 22,583,691.96 | 22,592,180.69 22,651,137.87 |

* Grouped By: Issuer Concentration. * Groups Sorted By: Issuer Concentration. * Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Security Type GASB 40 Trade Date

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Tamarac, City of (43270)

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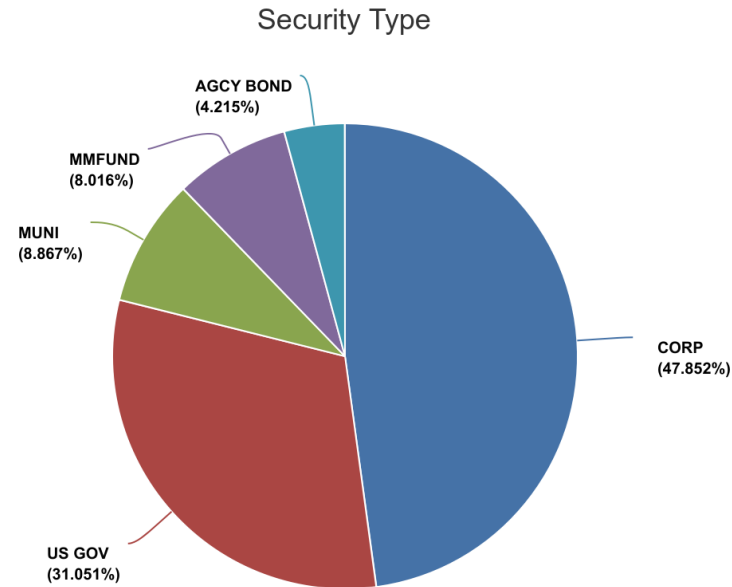


Chart calculated by: Market Value + Accrued

AGCY BOND

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|---|-------------|----------|----------|----------------------------|---------------|------------------------------------|-------------------|-----------------|----------------------------------|--------------------------------------|
| 313379FW4 FEDERAL HOME LOAN BANKS AGCY BOND | Fixed | N | 0.936 | AA+ Aaa | 450,000.00 | 06/09/2017 06/09/2017 | 0.819 0.583 | 275.00 | 450,761.34 451,036.34 | 451,759.50 452,034.50 |
| 3137EADN6 FREDDIE MAC AGCY BOND | Fixed | N | 1.517 | AA+ Aaa | 500,000.00 | 01/12/2018 01/12/2018 | 0.95 0.638 | 1,760.42 | 498,487.55 500,247.96 | 500,855.00 502,615.42 |
| --- AGCY BOND | Fixed | N | 1.242 | AA+ Aaa | 950,000.00 | 10/01/2017 10/01/2017 | 0.888 0.612 | 2,035.42 | 949,248.88 951,284.30 | 952,614.50 954,649.92 |

CORP

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|----------------------------|---------------|------------------------------------|-------------------|-----------------|----------------------------------|--------------------------------------|
| 30231GAL6 EXXON MOBIL CORP CORP | Fixed | N | 1.657 | AA+ Aaa | 1,000,000.00 | 03/06/2018 03/06/2018 | 1.275 0.837 | 4,168.75 | 1,000,498.98 1,004,667.73 | 1,007,800.00 1,011,968.75 |
| 89114QAE8 TORONTO DOMINION BANK CORP | Fixed | N | 0.302 | AA- Aa1 | 1,000,000.00 | 10/19/2016 10/19/2016 | 0.771 0.822 | 4,750.00 | 1,004,801.57 1,009,551.57 | 1,004,680.00 1,009,430.00 |
| 037833AJ9 APPLE INC CORP | Fixed | N | 1.819 | AA+ Aa1 | 750,000.00 | 05/03/2018 05/03/2018 | 1.395 0.865 | 1,208.33 | 744,633.85 745,842.18 | 751,845.00 753,053.33 |

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| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|-------------------------------------|---------------|--|----------------------|-----------------|-------------------------------------|---|
| 166764AE0 CHEVRON CORP CORP | Fixed | Y | 1.862 | AA- Aa2 | 1,000,000.00 | 05/24/2018 06/24/2018 | 1.362 1.095 | 334.06 | 1,006,648.02 1,006,982.07 | 1,011,680.00 1,012,014.06 |
| 19416QEB2 COLGATE-PALMOLIVE CO CORP | Fixed | N | 1.816 | AA- Aa3 | 1,000,000.00 | 05/01/2018 05/01/2018 | 1.187 0.737 | 1,500.00 | 994,811.56 996,311.56 | 1,002,960.00 1,004,460.00 |
| 89233P5E2 TOYOTA MOTOR CREDIT CORPORATION CORP | Fixed | N | 0.208 | AA- Aa3 | 1,000,000.00 | 09/15/2016 09/15/2016 | 0.763 0.827 | 5,888.89 | 1,002,545.64 1,008,434.53 | 1,002,430.00 1,008,318.89 |
| 88579YAD3 3M CO CORP | Fixed | N | 0.247 | AA- A1 | 1,000,000.00 | 09/29/2016 09/29/2016 | 0.686 0.631 | 3,513.89 | 1,001,679.45 1,005,193.34 | 1,001,830.00 1,005,343.89 |
| 91159HHD5 US BANCORP CORP | Fixed | Y | 0.676 | A+ A1 | 1,000,000.00 | 04/15/2017 05/15/2017 | 0.967 1.041 | 2,108.33 | 1,005,355.76 1,007,464.09 | 1,004,790.00 1,006,898.33 |
| 0258M0DG1 AMERICAN EXPRESS CREDIT CORP CORP | Fixed | N | 0.08 | A- A2 | 1,000,000.00 | 07/29/2016 07/29/2016 | 0.975 0.861 | 5,488.89 | 1,000,248.76 1,005,737.65 | 1,000,350.00 1,005,838.89 |
| 94974BFD7 WELLS FARGO & CO CORP | Fixed | N | 0.846 | A A2 | 1,000,000.00 | 05/08/2017 05/08/2017 | 1.35 1.088 | 3,091.67 | 1,006,336.96 1,009,428.63 | 1,008,590.00 1,011,681.67 |
| 693476BM4 PNC FUNDING CORP CORP | Fixed | Y | 0.097 | A- A3 | 1,000,000.00 | 08/19/2016 09/19/2016 | 1.239 1.00 | 7,650.00 | 1,001,939.10 1,009,589.10 | 1,002,300.00 1,009,950.00 |
| --- --- CORP | Fixed | --- | 0.852 | A+ A1 | 10,750,000.00 | 05/16/2017 05/25/2017 | 1.081 0.892 | 39,702.81 | 10,769,499.64 10,809,202.45 | 10,799,255.00 10,838,957.81 |

MMFUND

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|-------------------------------------|---------------|--|----------------------|-----------------|-------------------------------------|---|
| 825252406 Invesco Treasury;Inst MMFUND | Fixed | N | 0.00 | AAAm Aaa | 1,815,681.19 | 06/30/2016 06/30/2016 | 0.25 0.25 | 0.00 | 1,815,681.19 1,815,681.19 | 1,815,681.19 1,815,681.19 |
| 825252406 Invesco Treasury;Inst MMFUND | Fixed | N | 0.00 | AAAm Aaa | 1,815,681.19 | 06/30/2016 06/30/2016 | 0.25 0.25 | 0.00 | 1,815,681.19 1,815,681.19 | 1,815,681.19 1,815,681.19 |

MUNI

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|-------------------------------------|---------------|--|----------------------|-----------------|-------------------------------------|---|
| 574193HL5 MARYLAND ST MUNI | Fixed | N | 0.086 | AAA Aaa | 1,000,000.00 | 08/01/2016 08/01/2016 | 0.79 0.483 | 3,958.33 | 1,000,135.36 1,004,093.69 | 1,000,400.00 1,004,358.33 |
| 93974DAL2 WASHINGTON ST MUNI | Fixed | N | 0.086 | AA+ Aa1 | 1,000,000.00 | 08/01/2016 08/01/2016 | 0.833 0.291 | 3,541.67 | 1,000,014.58 1,003,556.25 | 1,000,480.00 1,004,021.67 |
| --- --- MUNI | Fixed | N | 0.086 | AAA Aaa | 2,000,000.00 | 08/01/2016 08/01/2016 | 0.812 0.387 | 7,500.00 | 2,000,149.94 2,007,649.94 | 2,000,880.00 2,008,380.00 |

US GOV

Security Type GASB 40 Trade Date

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| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|---|-------------|----------|----------|-------------------------------------|---------------|--|----------------------|-----------------|-------------------------------------|---|
| 912828UR9 UNITED STATES TREASURY US GOV | Fixed | N | 1.652 | AA+ Aaa | 1,000,000.00 | 02/28/2018 02/28/2018 | 0.968 0.585 | 2,506.79 | 996,404.02 998,910.81 | 1,002,730.00 1,005,236.79 |
| 912828WF3 UNITED STATES TREASURY US GOV | Fixed | N | 0.374 | AA+ Aaa | 1,000,000.00 | 11/15/2016 11/15/2016 | 0.718 0.363 | 798.23 | 999,655.71 1,000,453.94 | 1,000,980.00 1,001,778.23 |
| 912828VE7 UNITED STATES TREASURY US GOV | Fixed | N | 1.898 | AA+ Aaa | 2,000,000.00 | 05/31/2018 05/31/2018 | 0.916 0.594 | 1,693.99 | 2,003,197.03 2,004,891.02 | 2,015,460.00 2,017,153.99 |
| 912828TS9 UNITED STATES TREASURY US GOV | Fixed | N | 1.243 | AA+ Aaa | 2,000,000.00 | 09/30/2017 09/30/2017 | 0.812 0.549 | 3,142.08 | 1,995,373.27 1,998,515.34 | 2,001,880.00 2,005,022.08 |
| 912828K25 UNITED STATES TREASURY US GOV | Fixed | N | 1.776 | AA+ Aaa | 1,000,000.00 | 04/15/2018 04/15/2018 | 1.003 0.598 | 1,577.87 | 995,525.10 997,102.97 | 1,002,700.00 1,004,277.87 |
| --- UNITED STATES TREASURY US GOV | Fixed | N | 1.442 | AA+ Aaa | 7,000,000.00 | 12/13/2017 12/13/2017 | 0.878 0.548 | 9,718.96 | 6,990,155.13 6,999,874.09 | 7,023,750.00 7,033,468.96 |

Summary

| Identifier, Description, Security Type | Coupon Type | Callable | Duration | S&P Rating, Moody's Rating | Current Units | Effective Maturity, Final Maturity | Book Yield, Yield | Accrued Balance | Book Value, Book Value + Accrued | Market Value, Market Value + Accrued |
|--|-------------|----------|----------|-------------------------------------|---------------|--|----------------------|-----------------|-------------------------------------|---|
| --- | Fixed | --- | 0.915 | AA- Aa3 | 22,515,681.19 | 06/05/2017 06/09/2017 | 0.919 0.677 | 58,957.18 | 22,524,734.78 22,583,691.96 | 22,592,180.69 22,651,137.87 |

* Grouped By: Security Type. * Groups Sorted By: Security Type. * Filtered By: Description ≠ "Payable" and Description ≠ "Receivable". * Weighted By: Market Value + Accrued.

Portfolio Activity Summary

Tamarac, City of (43270)

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| Identifier, Description, Security Type | Interest/Dividend Received | Transfers In/Out | Purchases | Purchased Accrued Income | Sales | Disposed Accrued | Maturities and Redemptions | Paydowns | Net Realized Gain/Loss | Beginning Original Cost, Ending Original Cost | Beginning Market Value, Ending Market Value |
|---|----------------------------|------------------|-----------|--------------------------|-------|------------------|----------------------------|----------|------------------------|---|---|
| 825252406 Invesco Treasury:Inst MMFUND | 506.33 | 0.00 | 11,346.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.00 | 1,804,334.86 1,815,681.19 | 1,804,334.86 1,815,681.19 |
| 037833AJ9 APPLE INC CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 741,622.50 741,622.50 | 749,017.50 751,845.00 |
| CCYUSD Receivable CASH | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 506.70 339.83 | 506.70 339.83 |
| 313379FW4 FEDERAL HOME LOAN BANKS AGCY BOND | 2,250.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 451,611.00 451,611.00 | 450,855.00 451,759.50 |
| 89233P5E2 TOYOTA MOTOR CREDIT CORPORATION CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,014,340.00 1,014,340.00 | 1,004,040.00 1,002,430.00 |
| 912828UR9 UNITED STATES TREASURY US GOV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 995,781.25 995,781.25 | 998,160.00 1,002,730.00 |
| 94974BFD7 WELLS FARGO & CO CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,017,460.00 1,017,460.00 | 1,008,660.00 1,008,590.00 |
| 3137EADN6 FREDDIE MAC AGCY BOND | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 497,380.00 497,380.00 | 499,010.00 500,855.00 |
| 91159HHD5 US BANCORP CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,014,440.00 1,014,440.00 | 1,005,220.00 1,004,790.00 |
| 912828K25 UNITED STATES TREASURY US GOV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 992,695.31 992,695.31 | 997,700.00 1,002,700.00 |
| 30231GAL6 EXXON MOBIL CORP CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,000,880.00 1,000,880.00 | 1,003,130.00 1,007,800.00 |
| 89114QAE8 TORONTO DOMINION BANK CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,031,110.00 1,031,110.00 | 1,005,960.00 1,004,680.00 |
| 19416QEB2 COLGATE-PALMOLIVE CO CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 990,840.00 990,840.00 | 998,260.00 1,002,960.00 |
| 166764AE0 CHEVRON CORP CORP | 8,590.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,011,540.00 1,011,540.00 | 1,005,850.00 1,011,680.00 |
| 574193HL5 MARYLAND ST MUNI | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,004,700.00 1,004,700.00 | 1,001,140.00 1,000,400.00 |
| 0258M0DG1 AMERICAN EXPRESS CREDIT CORP CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,008,146.00 1,008,146.00 | 1,000,840.00 1,000,350.00 |
| 93974DAL2 WASHINGTON ST MUNI | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,000,500.00 1,000,500.00 | 1,000,970.00 1,000,480.00 |
| 912828WF3 UNITED STATES TREASURY US GOV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 997,421.88 997,421.88 | 1,000,340.00 1,000,980.00 |
| 693476BM4 PNC FUNDING CORP CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,041,210.00 1,041,210.00 | 1,003,980.00 1,002,300.00 |
| 88579YAD3 3M CO CORP | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,024,050.00 1,024,050.00 | 1,002,090.00 1,001,830.00 |
| 912828TS9 UNITED STATES TREASURY US GOV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,992,968.75 1,992,968.75 | 1,995,540.00 2,001,880.00 |

Portfolio Activity Summary

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Dated: 07/18/2016

| Identifier, Description, Security Type | Interest/ Dividend Received | Transfers In/Out | Purchases | Purchased Accrued Income | Sales | Disposed | Accrued | Maturities and Redemptions | Paydowns | Net Realized Gain/Loss | Beginning Original Cost, Ending Original Cost | Beginning Market Value, Ending Market Value |
|---|-----------------------------------|------------------|------------------|--------------------------------|-------------|----------|-------------|-------------------------------|-------------|---------------------------|---|---|
| 912828VE7 UNITED STATES TREASURY US GOV | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | 0.00 | 2,003,359.38 2,003,359.38 | 2,004,460.00 2,015,460.00 |
| --- | 11,346.33 | 0.00 | 11,346.33 | 0.00 | 0.00 | | 0.00 | 0.00 | 0.00 | -0.00 | 22,636,897.63 | 22,540,064.06 |
| --- | | | | | | | | | | | 22,648,077.09 | 22,592,520.52 |
| --- | | | | | | | | | | | | |

* Weighted By: Ending Market Value + Accrued.

Disclaimer

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Dated: 07/18/2016

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Public Trust Advisors
717 17th St. Suite 1850
Denver, CO 80202



Title - Approval of the September 12, 2016 Special Commission Meeting Minutes

Approval of the September 12, 2016 Special Commission Meeting Minutes

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| ▢ September 12, 2016 Special Commission Meeting Minutes | 9/19/2016 | Backup Material |

CITY OF TAMARAC
SPECIAL CITY COMMISSION MEETING
MONDAY, SEPTEMBER 12, 2016

CALL TO ORDER: Mayor Harry Dressler called the Special Commission Meeting of the City of Tamarac to order at 5:12 p.m. on Monday, September 12, 2016 in City Commission Chambers, Tamarac City Hall, 7525 NW 88th Avenue, Tamarac, FL 33321.

ROLL CALL: Mayor Harry Dressler, Vice Mayor Diane Glasser, Commissioner Pamela Bushnell, Commissioner Michelle J. Gomez and Commissioner Debra Placko were in attendance.

Also in attendance were City Manager Michael C. Cernech, City Attorney Samuel S. Goren and City Clerk Patricia A. Teufel.

PLEDGE OF ALLEGIANCE: Mayor Dressler led the Pledge of Allegiance.

Mayor Dressler welcomed everyone and said this is a Special Meeting of the City Commission of the City of Tamarac to hold Public Hearings on the Annual Fire Assessment, the Stormwater Utility Management Fee Assessment, the Annual Solid Waste Collection Services Assessment, the Nuisance Abatement Assessment and the setting of the Tentative Millage Rates and the Tentative City Budget for Fiscal Year 2017. I'm pleased you could join us this evening. These public hearings are the culmination of an entire year's work by this City Commission, the City Manager and staff. For the benefit of the public tonight, the City Commission held workshops throughout the year as well as a budget workshop on June 23, 2016 to provide direction to the staff on this submittal. I would like to thank my colleagues on the dais for their participation at the workshops and for their suggestions as we deliberated on the staff recommendations.

City Manager Cernech made the following statement: "The City of Tamarac has used the Fire Rescue Assessment since 1997 to provide specific funding for the purpose of providing fire services in the City of Tamarac. As the City Commission is aware, the Fire Rescue Assessment has been determined to be an equitable and efficient methodology to use in apportioning the cost of Fire Rescue Services to improved properties thus reducing the overall burden on the ad valorem tax rate. The residential rate for FY 2017 is \$350 per dwelling unit which is an increase from the rate that has been in effect for the past five years. The City conducted a study on the Fire Rescue Assessment in 2016 and based upon calls for service and a five year budget forecast for the cost of providing Fire Rescue Services, Staff recommends the City Commission approve the rates that have been proposed and approved for publication at the July 13, 2016 Preliminary Fire Assessment Rate hearing and advertised for public hearing on August 21, 2016."

1. TR - 12828 Fire Rescue Assessment: A Resolution of the City Commission of the City of Tamarac, Florida, relating to the provision of fire rescue services, facilities and programs in the City of Tamarac, Florida; reimposing Fire Rescue Assessments against assessed property located within the City of Tamarac for the fiscal year beginning October 1, 2016; approving the rate of assessment; approving the assessment roll; providing for conflicts; providing for severability; providing an effective date.

City Attorney Goren read TR12828 by title into the record and Financial Services Director Mason appeared and made a presentation, a copy of which is on file in the City Clerk's Office.

Mayor Dressler opened the public hearing and with no one wishing to speak closed the public hearing.

Vice Mayor Glasser seconded by Commissioner Placko moved approval of TR12828. Motion passed unanimously (5-0).

RESOLUTION R-2016-90

City Manager Cernech made the following statement: "The City of Tamarac has been using a special assessment for residential solid waste collection services since 2013. This assessment is an equitable and efficient method of allocating and collecting the Residential Solid Waste Collection Services Assessed Cost among single family residential type parcels. The residential rate for FY 2017 is \$273.75 per residential dwelling unit receiving curbside pickup and is the same rate as the previous four year. Staff recommends the City Commission approve the rate that has been proposed and approved for publication at the July 13, 2016 Preliminary Solid Waste Collection Services Assessment Rate hearing and advertised for public hearing on August 21, 2016."

2. TR - 12829 Solid Waste Assessment: A Resolution of the City of Tamarac, Florida, relating to the provision of residential solid waste collection services in the City of Tamarac, Florida; approving the assessment rate for residential solid waste collection services for the fiscal year beginning on October 1, 2016; imposing a residential solid waste collection assessment against assessed property located within the City of Tamarac for the fiscal year beginning on October 1, 2016; providing for severability; providing for conflicts; and providing an effective date.

City Attorney Goren read TR12829 by title into the record and Financial Services Director Mason appeared and made a presentation, a copy of which is on file in the City Clerk's Office.

Mayor Dressler opened the public hearing and with no one wishing to speak closed the public hearing.

Commissioner Placko seconded by Commissioner Bushnell moved approval of TR12829. Motion passed unanimously (5-0).

RESOLUTION R-2016-91

City Manager Cernech made the following statement: "The City of Tamarac has been using a special assessment for the collection of the Stormwater Utility Management Services Fees since 2014. This assessment is an equitable and efficient method of allocating and collecting the Stormwater Utility Management Services Fee Assessed Cost among all the parcels in the City. The rate per equivalent residential unit (ERU) for FY 2017 is \$120.49 and is an increase of \$3.48 or 2.98% over the previous year in accordance with our Code of Ordinances. Staff recommends the City Commission approve the rate that has been proposed and approved

for publication at the July 13, 2016 Preliminary Stormwater Utility Management Fee Assessment Rate hearing and advertised for public hearing on August 21, 2016.”

3. TR - 12830 Stormwater Assessment: A Resolution of the City Commission of the City of Tamarac, Florida, relating to the levy and collection of the City’s Stormwater Management Utility Fee within the municipal boundaries of the City of Tamarac for the fiscal year beginning October 1, 2016; approving, confirming, and adopting the Stormwater Management Utility Fee and Stormwater Management Utility Fee Roll; providing for other matters relating to the levy and collection of the Stormwater Management Utility Fee on the annual property tax bills; providing for conflict; providing for severability; and providing for an effective date.

City Attorney Goren read TR12830 by title into the record and Financial Services Director Mason appeared and made a presentation, a copy of which is on file in the City Clerk’s Office.

Mayor Dressler opened the public hearing and with no one wishing to speak closed the public hearing.

Commissioner Bushnell seconded by Commissioner Placko moved approval of TR12830. Motion passed unanimously (5-0).

RESOLUTION R-2016-92

City Manager Cernech made the following statement: “In 2012, the City Commission adopted the Public Nuisance Abatement Ordinance. As part of that ordinance, the City Commission authorized the use of special assessments for amounts billed but unpaid as of June 1 of the year following the abatement of the public nuisance. The City abated eleven (11) public nuisances between June 1, 2015 and May 31, 2016 on none (9) properties. City Staff has prepared the special assessments against each property, the total of which is \$5,819.53 to be collected on the tax bills for Fiscal Year 2017. This is the fourth year using this type of assessment. Staff recommends the City Commission approve the Public Nuisance Abatement Special Assessment that was approved for publication at the July 13, 2016 Preliminary Public Nuisance Abatement Assessments hearing and advertised for public hearing on August 21, 2016.”

4. TR - 12831 Nuisance Abatement Assessment: A Resolution of the City Commission of the City of Tamarac, Florida, relating to the provision of Nuisance Abatement on certain real properties by the city in accordance with Chapter 9, Article II, Division V of the City’s Code of Ordinances; approving the collection of a Nuisance Abatement Special Assessment on real property that has been specially benefited by the City’s abatement of nuisances thereon; approving a nuisance abatement assessment roll; providing for conflict; providing for severability; and providing for an effective date.

City Attorney Goren read TR12831 by title into the record and Financial Services Director Mason appeared and made a presentation, a copy of which is on file in the City Clerk’s Office.

Mayor Dressler opened the public hearing and with no one wishing to speak closed the public hearing.

Commissioner Gomez seconded by Commissioner Bushnell moved approval of TR12831. Motion passed unanimously (5-0).

RESOLUTION R-2016-93

Mayor Dressler made the following statement: "This is the first public hearing for establishing the Operating Millage Rate and Debt Service Millage Rate for Fiscal Year 2017. A second public hearing on Temporary Ordinance Number 2346 will be held on Thursday, September 22, 2016 at 5:05 pm."

City Manager Cernech made the following statement: "In accordance with the Truth in Millage requirements of Florida Statutes, the City is required to announce the percentage difference between the proposed millage rate and the rolled-back rate. As such, the following is read into the record: **The proposed operating millage rate of 7.2899 mills for Fiscal Year 2017 is .5721 mills or 8.52% more than the rolled-back rate of 6.7178 mills.** In addition, the tentative Debt Service Millage Rate is proposed to be .0739 mills which is .0213 mills or 22.37% less than last year's millage rate of .0952 mills."

5. TO - 2346 Millage Rates: An Ordinance of the City Commission of the City of Tamarac, Florida to establish and levy ad valorem taxes within the corporate limits of the City of Tamarac, Florida, for the tax year 2016; providing for the levy of ad valorem taxes in the amount of 7.2899 mills (\$7.2899 per \$1,000) based upon the assessed value on non-exempt real and personal property located within the city limits of the City of Tamarac; providing for the levy of ad valorem taxes in the amount of .0739 mills (\$.0739 per \$1,000) based upon the assessed value of the non-exempt real and personal property located within the city limits of the City of Tamarac, for funds for annual debt service for the City of Tamarac, Florida general obligation refunding bonds, series 1998; providing for conflicts; providing for severability; and providing for an effective date.

City Attorney Goren read TO2346 by title into the record and Financial Services Director Mason appeared and made a presentation, a copy of which is on file in the City Clerk's Office.

Mayor Dressler opened the public hearing and with no one wishing to speak closed the public hearing.

Commissioner Gomez seconded by Commissioner Placko moved approval of TO2346 on first reading. Motion passed unanimously (5-0).

PASSED ON FIRST READING SEPTEMBER 12, 2016

Mayor Dressler made the following statement: "This is the first public hearing to establish the Fiscal Year 2017 Operating Budget, Capital Budget and Financial Policies. A second public hearing on Temporary Ordinance Number 2347 will be held on Thursday, September 22, 2016 at 5:05 p.m."

City Manager Cernech made the following statement: "The proposed operating and capital budget for Fiscal Year 2017 is \$162,572,700 which is \$7,217,938 more than the Amended Budget for Fiscal Year 2016. The proposed general fund budget, which is the primary fund for providing governmental services such as, our contract with BSO, general and administrative services, public services, and parks and recreation, is \$61,240,774 which is

\$3,928,160 more than the Amended Budget for Fiscal Year 2016. In addition, the financial policies are included as part of the adoption of the annual budget. These financial policies are an integral part of our long-term financial planning for the City. These policies set parameters for operating management, including establishing reserves for specific purposes, establishing accounts management and financial planning policies and establishing policies on economic resources.

6. TO - 2347 FY 2017 Budget: An Ordinance of the City Commission of the City of Tamarac, Florida, adopting the Operating Budget, Revenues and Expenditures, the Capital Budget, and the Financial Policies for the Fiscal Year 2017; providing for conflicts; providing for severability; and providing for an effective date.

City Attorney Goren read TO2347 by title into the record and Financial Services Director Mason appeared and made a presentation, a copy of which is on file in the City Clerk's Office.

Mayor Dressler opened the public hearing and with no one wishing to speak closed the public hearing.

Commissioner Bushnell seconded by Commissioner Placko moved approval of TO2347 on first reading. Motion passed unanimously (5-0).

PASSED ON FIRST READING SEPTEMBER 12, 2016

Mayor Dressler announced that the second public hearing on setting the operating and debt service millage rates and adopting the budget for Fiscal Year 2017 will be held on Thursday, September 22, 2016 at 5:05 p.m. Mayor Dressler thanked the residents for attending the meeting.

There being no further business to come before the City Commission, Mayor Dressler adjourned the meeting at 6:05 p.m.

Harry Dressler, Mayor

Patricia Teufel, CMC
City Clerk



Title - Approval of the September 14, 2016 Regular Commission Meeting Minutes

Approval of the September 14, 2016 Regular Commission Meeting Minutes

ATTACHMENTS:

| Description | Upload Date | Type |
|---|-------------|-----------------|
| ▢ September 14, 2016 Regular Commission Meeting Minutes | 9/20/2016 | Backup Material |

CITY OF TAMARAC
CITY COMMISSION MEETING
WEDNESDAY, SEPTEMBER 14, 2016

CALL TO ORDER: Mayor Harry Dressler called the Commission Meeting of the City of Tamarac to order at 7:08 p.m. on Wednesday, September 14, 2016, in City Commission Chambers, Tamarac City Hall, 7525 NW 88th Avenue, Tamarac, FL 33321.

ROLL CALL: Mayor Harry Dressler, Vice Mayor Diane Glasser, Commissioner Pamela Bushnell, Commissioner Michelle J. Gomez, Commissioner Debra Placko were in attendance.

Also in attendance were: City Manager Michael C. Cernech, Assistant City Attorney Jacob Horowitz and City Clerk Patricia A. Teufel.

PLEDGE OF ALLEGIANCE: Commissioner Bushnell led the Pledge of Allegiance.

1. PROCLAMATIONS AND PRESENTATIONS:

a. Presentation to the Mayor and Commission Regarding "Connect ONE Broward" by Broward League of Cities President Greg Ross. Mr. Ross was unavailable due to a scheduling conflict.

2. CITY COMMISSION REPORTS:

a. Commissioner Bushnell: Commissioner Bushnell said the Commission members are elected as part time employees but it is not really a part time position. Last Saturday the Commission members attended a workshop about the Penny Sales Tax which will be on the November 8, 2016 ballot in order to learn how to educate people on the benefits of such both surtaxes. Commissioner Bushnell said on the way back there was a car pulled over to the side of the road and the member of the CERT team directing traffic who turned out to be Mayor Dressler. Mayor Dressler said he saw someone in distress and stopped to help. Commissioner Bushnell said all of the Commission members do so much that has nothing to do with sitting on the dais.

b. Commissioner Gomez: Commissioner Gomez thanked BSO for the Patriots Day Ceremony they hosted in Lauderhill on September 11th and noted that there was an officer in attendance who had lost people on that day in 2001 and gave a very emotional accounting of what happened that day. Commissioner Gomez said she attended Waters Edge Park Community Input Meeting; the Broward County Planning Council meeting; the Chamber Breakfast; the Joint Water Advisory Board Water Resource meeting regarding toxins in Florida's waters and various homeowner and condominium association meetings.

c. Vice Mayor Glasser: Vice Mayor Glasser talked about the Penny Sales Tax and the benefits that the City would reap should it be passed in November. Vice Mayor Glasser said she supported the Penny Sales Tax.

d. Commissioner Placko: Commissioner Placko said Doris Span will be in attendance to accept a proclamation honoring her husband Willie Span, the veteran that was killed while

crossing Commercial Boulevard to get the VA Clinic in Sunrise two years ago. Commissioner Placko said she brought this issue up to the MPO and the members were supportive of having an on demand crosswalk that will allow veteran's to cross Commercial Blvd. while either entering or exiting from the VA clinic. Sunrise and Tamarac need to get together to work on this issue and work to ensure our veterans are safe crossing Commercial Blvd.

Commissioner Placko noted that there is a work-study program for veterans called Career Source Broward which gives veterans hands on experience and training while earning tax free income. Commissioner Placko urged veterans to contact Career Source at csbdvet@careersourcebroward.com.

e. Mayor Dressler: Mayor Dressler said on September 12th Tamarac hosted the Northwest Council of Elected officials luncheon and the issue that Commissioner Placko brought up was discussed. Mayor Dressler said when this first happened staff met with Sunrise Mayor Ryan and Broward County staff to discuss the issue and that meeting went nowhere. Mayor Dressler said it is hopeful this situation will change with the newly elected representatives on the County Commission and in the legislature. Mayor Dressler thanked Commissioner Placko for getting the MPO involved in resolving this issue.

Mayor Dressler said he participated in a press conference regarding the Zika virus because Tamarac was one of five cities that sprayed early Monday morning. The pesticide that was used over Tamarac is an anti-larval biologic and not toxic. Mayor Dressler thanked Broward County Commissioner Kiar for allowing him to make comments at that press conference. Mayor Dressler talked about receiving a call from Governor Scott last weekend wherein he said if there was anything he can do to please give him a call and Mayor Dressler said he reciprocated the offer. Mayor Dressler ended by saying this is a serious health issue.

Mayor Dressler said he and City Manager Cernech attended the Kings Point HOA Board meeting and they made a presentation on a temporary fire station in that area to improve response times which was well received. This now has to be brought before all the individual HOA boards for ratification. Mayor Dressler reported that Fire Rescue and BSO had a First Security Response meeting at Fire Station 15 which is the first in a series of meetings with school staff and community groups. Mayor Dressler noted that the Customer Satisfaction survey had an interesting matchup with our Strategic Goals and what is important to people in our City.

Mayor Dressler talked about the proposed ½ cent transportation and ½ cent infrastructure sales tax and the concerns that have been expressed by Tamarac residents. Mayor Dressler said he supports both surtaxes. Mayor Dressler said Tamarac will hold four town hall meetings to educate people about the benefits Tamarac would reap if the surtax items pass on the November ballot. Mayor Dressler said this ties into Tamarac's Strategic Goals and what people think is important. One of the benefits for Tamarac is that we would be able to build a permanent fire station on Nob Hill Road in lieu of a temporary structure.

Mayor Dressler talked about an incident that happened when he was driving home from a function where he saw a stopped car on the road without hazard lights on and he pulled over to offer assistance and direct traffic. It turned out that a turtle was in the road and the driver stopped to put it to the side of the road, however, it ran under her car and she was afraid she

would hit the turtle. Eventually they were able to get the turtle out from under the car. Mayor Dressler said it was a “feel good” situation.

3. CITY ATTORNEY REPORT: Assistant City Attorney Horowitz had nothing to report other than to say that City Attorney Goren sends his regards.

4. CITY MANAGER REPORT: City Manager Cernech reported that the Fl. Dept. of Health has proclaimed Tamarac a 2016 Healthy Weight Community Champion. This distinction is granted to communities that implement programs and policies that improve nutrition and physical activity levels. Tamarac’s citywide bikeway networks were cited as an exemplary project that contributes to the promotion of a healthy lifestyle. City Manager Cernech said the Financial Services Department has advised that the Certificate of Achievement for Excellence Award in financial reporting has been awarded to Tamarac by the GOFA for fiscal year ending September 30, 2105. This is the 28th year in a row and the 31st year overall that Tamarac has been awarded this prestigious award.

Upcoming events: Play Day will take place on Thursday, September 15th at Tamarac Park from 1:30 p.m. to 3:30 p.m. and is free; Princess & Pirate Party will take place on Saturday October 1st from 10:00 a.m. to noon at the Community Center, preregistration is required and the fee for residents is \$10 and \$20 for non-residents; the Movie in the Park featuring the movie “Paranorman” will take place at the Sports Complex on October 7th with activities beginning at 6:00 p.m. and the movie starting at 7:30 p.m.; the Community Garage Sale will take place on Saturday, October 8th from 7:30 a.m. to noon at Tamarac Park and for more information please call 954-597-3674.

City Manager Cernech said that Public Services is reporting that the Caporella Aquatic Center Main Pool and Activity Pool Renovations Project is currently being bid through the City’s competitive bidding process and the estimated start date is December 2016 with completion in March 2017. Public Services is also reporting the Caporella Aquatic Center Waterslide Replacement Project is also currently out for bidding with an estimated start date also in December 2016 and completion date of March 2016.

City Manager Cernech said the reports on the Tamarac Community, Business and Employee Surveys were good. We get good information from these surveys as it tells us what we need to work on. Chris gave us good information and there are things that we can be proud of. City Manager Cernech said some of the items discussed are already in the works and as we head into the Strategic Planning process this information will be helpful. City Manager Cernech encouraged everyone to remember that although we just saw this information tonight the information has been consistent from survey to survey and because of this consistency the budget that we expect the Commission to pass next week is reflective and supportive of those needs and puts Tamarac in a good place.

5. PUBLIC PARTICIPATION: Mayor Dressler opened Public Participation and the following individual spoke: Linda Bajkowsky, 5906 NW 72nd Ave., asked the Commission to pass a Resolution asking people to oppose Amendment 1 on the November 8, 2016 ballot. Ms. Bajkowsky provided City Clerk Teufel with a sample Resolution.

6. CONSENT AGENDA: Mayor Dressler asked City Manager Cernech if there were any changes/additions to the Consent Agenda and City Manager Cernech said there were no

changes/additions to the Consent Agenda. Commissioner Gomez seconded by Commissioner Placko moved approval of the Consent Agenda as presented. Motion passed unanimously (5-0).

a. Approval of the August 24, 2016 Regular Commission Meeting Minutes - **APPROVED**

b. TR12846 - BSO ILA for Telephone and Voicemail Services: A Resolution of the City Commission of the City of Tamarac, Florida, approving an Interlocal Agreement between the City of Tamarac and the Broward Sheriff's Office to provide telephone and voicemail services to the BSO Tamarac District Office, and to provide related technology support services; authorizing the appropriate City Officials to execute said agreements and take all steps necessary to effectuate the intent of the resolution; providing for conflicts; providing for severability; and providing for an effective date.

RESOLUTION R-2016-94

c. TR12833 Utility Rates: A Resolution of the City Commission of the City of Tamarac, Florida, establishing the adjustment factor to be applied to the annual water and sewer rate schedule for the fiscal year beginning October 1, 2016; providing for conflicts; providing for severability; and providing for an effective date.

RESOLUTION R-2016-95

d. TR12850 Temporary Staffing Services: A Resolution of the City Commission of the City of Tamarac, Florida authorizing the appropriate City Officials to approve anticipated expenditures for Temporary Staffing Services used by various city departments in an amount not to exceed \$67,000.00 annually with Albion Staffing, Inc. through an agreement available through the Southeast Florida Governmental Purchasing Cooperative (Co-op); providing for conflicts; providing for severability; and providing for an effective date.

RESOLUTION R-2016-96

e. TR12842 - Public Art: University Drive Overpass Contract Award: A Resolution of the City Commission of the City of Tamarac, Florida, approving the public art proposal and concept by Malcolm Robertson, and execution of an agreement between the City of Tamarac and Town Art Studios attached hereto as Exhibit "2" and incorporated herein, to provide a work of art to be placed on the University Drive Overpass Bridge, in the amount of \$104,000; providing for conflicts; providing for severability; and providing an effective date.

RESOLUTION R-2016-97

f. TR12835 - Travel Policy: A Resolution of the City Commission of the City of Tamarac, Florida, amending and adopting City of Tamarac Administrative Policy 95-01R "Travel Policy"; incorporating City of Tamarac Administrative Policy 95-01R "Travel Policy" in its entirety into the City of Tamarac's Administrative Policies; providing for conflicts; providing for severability; and providing for an effective date.

RESOLUTION R-2016-98

g. TR12834 - Lime Sludge Removal, Hauling and Disposal Agreement - Bid No. 16-25B: A Resolution of the City Commission of the City of Tamarac, Florida, awarding Bid No. 16-25B, Lime Sludge Removal, Hauling and Disposal Project to Westwind Contracting, Inc. and authorizing the appropriate City Officials to execute the agreement with Westwind Contracting, Inc. for Lime Sludge Removal, Hauling and Disposal Project; authorizing an

expenditure of funds for an amount not to exceed \$53,750 annually, and authorizing contract escalation / de-escalation as provided under the agreement beginning October 1, 2016 through September 30, 2018, with two (2) additional two-year renewal options; providing for conflicts; providing for severability; and providing for an effective date.

RESOLUTION R-2016-99

h. TR12843 - Public Art: Woodlands Significant Sculpture Contract Award: A Resolution of the City Commission of the City of Tamarac, Florida, approving the Public Art proposal and concept by Roger Stoller, and execution of an agreement between the City of Tamarac and Stoller Studio, Inc.; attached hereto as Exhibit "2" and incorporated herein, to provide a work of art to be placed on the Woodlands Golf Course property, in the amount of \$200,000; providing for conflicts; providing for severability; and providing an effective date.

RESOLUTION R-2016-100

i. TR12839 - FMIT Insurance Renewal: A Resolution of the City Commission of the City of Tamarac, Florida; authorizing the renewal of General Liability, Automobile Liability, Automobile Physical Damage; Workers' Compensation, and Property Lines of Coverage with the Florida Municipal Insurance Trust (FMIT) for a one (1) year period beginning October 1, 2016 at a cost of \$854,757 and payment of any increase resulting from the annual premium audit; providing for conflicts; providing for severability; and providing for an effective date.

RESOLUTION R-2016-101

j. TR12848 - Resolution in Opposition to the DEP's Weakening of Restrictions Allowing an Increase in the Release of Toxic Chemicals into Florida's Waters: A Resolution of the City Commission of the City of Tamarac, Florida, affirming the City's opposition to the Department of Environmental Protection's weakening of restrictions that would allow an increase in the release of toxic chemicals into Florida's waters; urging the United States Environmental Protection Agency not to approve the Florida Department of Environmental Protection's new restrictions; supporting the lawsuit filed by the Seminole Tribe of Florida against the Department of Environmental Protection ("DEP") and the Florida Environmental Regulation Commission ("FERC") on August 5, 2016 to halt the increase of toxins in Florida's water; opposing any effort by the DEP or the FERC to oppose the Seminole litigation; directing the appropriate City Officials to take any and all actions necessary to effectuate the intent of this Resolution; directing the City Clerk to transmit a copy of this Resolution to the United States Environmental Protection Agency, the Florida Department of Environmental Protection, the Broward County Board of County Commissioners, the Florida League of Cities and the Broward League of Cities; providing for conflicts; providing for severability; and providing for an effective date.

RESOLUTION R-2016-102

7. REGULAR AGENDA: There were no Regular Agenda items scheduled for this meeting.

8. ORDINANCE(S) - FIRST READING: There were no Ordinance(s) – First Reading items scheduled for this meeting.

9. PUBLIC HEARING(S): There were no Public Hearing(s) items scheduled for this meeting.

10. ORDINANCE(S) - SECOND READING:

a. TO2348 - Firefighters Pension Plan Amendment: An Ordinance of the City Commission of the City of Tamarac, Florida; amending Chapter 16, Pensions and Retirement, Article VI, Pension Plan, providing for implementation of defined contribution plan component; providing for compliance with Section 175.351, Florida Statutes; providing for a savings clause; providing for severability; providing for codification and providing for an effective date. Assistant City Attorney Horowitz read TO2348 by title into the record. Commissioner Gomez seconded by Vice Mayor Glasser moved approval of TO2348 on second reading. Mayor Dressler opened the Public Hearing and with no one wishing to speak closed the public hearing. Motion passed unanimously (5-0).

PASSED ON FIRST READING AUGUST 24, 2016

PASSED ON SECOND READING SEPTEMBER 14, 2016

ORDINANCE NO. O-2016-12

11. QUASI-JUDICIAL HEARING(S): There were no Quasi-Judicial Hearing(s) items scheduled for this meeting.

12. OTHER: There being no further business to come before the City Commission, Mayor Dressler adjourned the meeting at 7:46 p.m.

Harry Dressler, Mayor

Patricia Teufel, CMC,
City Clerk



Title - TR12815 - Tamarac Village Land Trust

A Resolution of the City Commission of the City of Tamarac, Florida, authorizing and directing, Alan J. Polin, P.A. as co-trustee or Howard Steinholz as co-trustee under the Tamarac Land Trust Agreement dated July 10, 2013 to authorize and proceed as a plaintiff along with JKM Tamarac Village, LLC, in a quiet title action to be filed in Broward County Circuit Court regarding real property owned by the land trust located in Lyons Industrial Park; providing for conflicts; providing for severability; and providing for an effective date.

Commission District(s):

Citywide

ATTACHMENTS:

| Description | Upload Date | Type |
|---------------------------|--------------------|-------------|
| ▣ TR #12815 TV Land Trust | 9/19/2016 | Cover Memo |
| ▣ TR12815 Resolution | 9/21/2016 | Resolution |

CITY OF TAMARAC
INTEROFFICE MEMORANDUM
DIRECTOR OF FINANCIAL SERVICES OFFICE

TO: Michael C. Cernech,
City Manager

DATE: September 28, 2016

FROM: Mark C. Mason, Director of
Financial Services 

RE: TR # 12815, Directing Trustee or
Co-Trustee to serve as Co-
Plaintiff.

Recommendation: Please place TR # 12815 on the City Commission agenda for September 28, 2016 authorizing and directing the Alan J. Polin, PA or Howard Steinholz, Co-Trustees to serve as Plaintiff along with JKM Tamarac Village, LLC in a quiet title action.

Issue: Certain parcels of property owned by the Tamarac Land Trust in the Tamarac Village area have title restrictions that prevent building residential units. JKM Tamarac Village, LLC will bring an action to remove the restrictions in an effort to obtain clear title for financing purposes and has asked that the Tamarac Land Trust join the lawsuit as the owner of the property.

Background:

The City of Tamarac has long had the vision of a Mixed-Use District, where residents would live, work and play. In support of this vision, in 2005 the City Commission approved the first ever Mixed-Use District in the City and has assembled seventeen properties ("Tamarac Village Lands") over a seven year period, beginning in 2006, in the Tamarac Village area which is located along NW 57th Terrace between Pine Island Road and NW 94th Avenue.

On June 10, 2013, the City Commission approved Resolution R-2013-77 establishing the Tamarac Land Trust, a Florida Land Trust, for the purpose of holding ownership of the Tamarac Village Lands, with the City of Tamarac as the sole beneficiary, in anticipation of the development of Tamarac Village. On July 10, 2013, the City of Tamarac entered into a Florida Land Trust Agreement with Alan J. Polin, P.A. ("Trustee") to serve as Trustee for the Trust.

On September 10, 2013, the City of Tamarac conveyed sixteen (16) properties to the Tamarac Land Trust, said properties located north of Commercial Boulevard along 57th Terrace between Pine Island Road and NW 94th Avenue and on December 11, 2013, the City conveyed one additional parcel into the Tamarac Land Trust. The Trustee took title to the Property in accordance with the provisions of Section 689.071, Florida Statutes and will hold the title in trust for the uses and purposes and subject to the terms and conditions of the Trustee Agreement.

The City Commission, on October 14, 2015 via Resolution R-2015-98, directed the Tamarac Land Trust to execute a Ground Lease Agreement with JKM Tamarac Village, LLC (Lessee), which agreement is on file with the City Clerk's office.

On April 13, 2016 via Resolution R-2016-34, the City of Tamarac appointed Howard Steinholz as a Co-Trustee to the Tamarac Land Trust Agreement.

During the normal course of due diligence by the Lessee, it was determined that certain parcels on the north side of 57th Street had title restrictions that have prevented residential development.

“Tamarac Business Association, Inc.”, a dissolved Florida corporation, is vested with the authority to enforce the restrictions. The Tamarac Business Association has been inactive since September 26, 2005.

JKM Tamarac Village, LLC desires to clear title by bringing an action in Broward County Circuit Court against the Tamarac Business Association, Inc. to remove the restrictions and requests that the Tamarac Land Trust join in the lawsuit as a co-plaintiff.

The Tamarac Land Trust is the owner of the parcels in question and supports the removal of the title restrictions to encourage development of the parcels. Goren, Cherof, Doody & Ezrol, P.A. shall serve as counsel to the Tamarac Land Trust.

The City Manager and the Director of Financial Services recommend that the City Commission authorize the Co-Trustees of the Tamarac Land Trust to execute any and all documents necessary to become a party to the lawsuit contemplated by JKM Tamarac Village, LLC to clear the title to these parcels to encourage residential development of those certain parcels to which the title restrictions apply.

Fiscal Impact:

If the title restrictions are not removed there will be a material impact on the ability to redevelop the property known as Tamarac Village.

CITY OF TAMARAC, FLORIDA

RESOLUTION NO. R-2016 - _____

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA, AUTHORIZING AND DIRECTING, ALAN J. POLIN, P.A. AS CO-TRUSTEE OR HOWARD STEINHOLZ AS CO-TRUSTEE UNDER THE TAMARAC LAND TRUST AGREEMENT DATED JULY 10, 2013 TO AUTHORIZE AND PROCEED AS A PLAINTIFF ALONG WITH JKM TAMARAC VILLAGE, LLC, IN A QUIET TITLE ACTION TO BE FILED IN BROWARD COUNTY CIRCUIT COURT REGARDING REAL PROPERTY OWNED BY THE LAND TRUST LOCATED IN LYONS INDUSTRIAL PARK; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, The City of Tamarac has long had the vision of a Mixed-Use District, where residents would live, work and play; and

WHEREAS, In support of this vision, in 2005 the City Commission approved the first ever Mixed-Use District in the City; and

WHEREAS, The City of Tamarac has assembled seventeen properties ("Tamarac Village Lands") over a seven year period, beginning in 2006, in the Tamarac Village area which is located along NW 57th Street between Pine Island Road and NW 94th Avenue; and

WHEREAS, on June 10, 2013, the City Commission approved Resolution R-2013-77 establishing the Tamarac Land Trust, a Florida Land Trust, for the purpose of holding ownership of the Tamarac Village Lands, with the City of Tamarac as the sole beneficiary, in anticipation of the development of Tamarac Village; and

WHEREAS, on July 10, 2013, the City of Tamarac entered into a Florida Land

Trust Agreement with Alan J. Polin, P.A. ("Trustee") to serve as Trustee for the Trust;
and

WHEREAS, on September 10, 2013, the City of Tamarac conveyed sixteen (16) properties to the Tamarac Land Trust, said properties located north of Commercial Boulevard along 57th Street between Pine Island Road and NW 94th Avenue; and

WHEREAS, on December 11, 2013, the City conveyed one additional parcel into the Tamarac Land Trust; and

WHEREAS, Trustee took title to the Property in accordance with the provisions of Section 689.071, Florida Statutes and will hold the title in trust for the uses and purposes and subject to the terms and conditions of the Trustee Agreement; and

WHEREAS, the City Commission, on October 14, 2015 via Resolution R-2015-98, directed the Tamarac Land Trust to execute a Ground Lease Agreement with JKM Tamarac Village, LLC (Lessee), which agreement is on file with the City Clerk's office;
and

WHEREAS, on April 13, 2016 via Resolution R-2016-34, the City of Tamarac appointed Howard Steinholz as a Co-Trustee to the Tamarac Land Trust Agreement;
and

WHEREAS, during the normal course of due diligence by the Lessee, it was determined that certain parcels on the north side of 57th Street had title restrictions that would have prevented multifamily development; and

WHEREAS, "Tamarac Business Association, Inc.", a dissolved Florida corporation is vested with the authority to enforce the restrictions; and

WHEREAS, the Tamarac Business Association has been inactive since
September 26, 2005; and

WHEREAS, JKM Tamarac Village, LLC desires to clear title by bringing an action to remove the restrictions and requests that the Tamarac Land Trust join in the lawsuit as a party plaintiff; and

WHEREAS, the Tamarac Land Trust is the owner of the real property in question and supports the removal of the title restrictions to encourage residential development of the parcels; and

WHEREAS, Goren, Cherof, Doody & Ezrol, P.A. shall serve as counsel to the Tamarac Land Trust; and

WHEREAS, The City Manager and the Director of Financial Services recommend that the City Manager direct the Co-Trustees of the Tamarac Land Trust to be directed to execute any and all documents necessary to become a party plaintiff to the lawsuit contemplated by JKM Tamarac Village, LLC to clear the title to specific parcels to encourage residential development of those certain parcels to which the title restrictions may apply; and

WHEREAS, The City Commission of the City of Tamarac, Florida, deems it to be in the best interest of the citizens and residents of the City of Tamarac to authorize and direct the Trustee for the Tamarac Village Land Trust to file suit as a joint party plaintiff with JKM Tamarac Village, LLC.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA:

SECTION 1: The foregoing "WHEREAS" clauses are HEREBY ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption hereof and all exhibits referenced and attached hereto are incorporated herein and made a specific part of this resolution.

SECTION 2: That Alan J. Polin, P.A. as Co-Trustee or Howard Steinholz as Co-Trustee for the Tamarac Village Land Trust is hereby authorized and directed, pursuant to this resolution and that certain Florida Land Trust Agreement between Alan J. Polin, P.A. dated July 10, 2013, to file a lawsuit along with JKM Tamarac Village, LLC, consisting of a quiet title action regarding real property owned by the Land Trust located in the Lyons Industrial Park and to execute any and all documents required by the Trust's Counsel, Goren, Cherof, Doody and Ezrol, P.A. to bring the contemplated quiet title action.

SECTION 3: All resolutions or parts of resolutions in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 4: If any clause, section or other part or application of this Resolution is held by any court of competent jurisdiction to be unconstitutional or invalid, in part or application, it shall not affect the validity of the remaining portions or applications of this Resolution.

SECTION 5: This Resolution shall become effective immediately upon its passage and adoption.

PASSED, ADOPTED AND APPROVED this _____ day of _____, 2016.

Intentionally Left Blank

ATTEST:

HARRY DRESSLER, MAYOR

PAT TEUFEL, CMC CITY CLERK

MAYOR DRESSLER
DIST 1: COMM. BUSHNELL
DIST 2: COMM. GOMEZ
DIST 3: V/M. GLASSER
DIST 4: COMM. PLACKO

I HEREBY CERTIFY that I have approved
this RESOLUTION as to form.

SAMUEL S. GOREN, CITY ATTORNEY



Title - TR12820 - BSO Permit for Special Details - FY17

A Resolution of the City Commission of the City of Tamarac, Florida, authorizing the appropriate City Officials to execute a Broward Sheriff's Office Permit Application for Special Details for police services to be used by the Parks and Recreation Department in an amount not to exceed \$90,350 in FY17, October 1, 2016-September 30, 2017; approving funding from the appropriate Parks and Recreation accounts; providing for conflicts; providing for severability; and providing for an effective date.

ATTACHMENTS:

| Description | Upload Date | Type |
|---|--------------------|-------------|
| ▢ TR12820 - Memo - BSO Permit for Special Details - FY17 | 7/28/2016 | Cover Memo |
| ▢ TR12820 - Reso - BSO Permit for Special Details - FY17 | 7/28/2016 | Resolution |
| ▢ TR12820 - Exhibit 1 - BSO Permit for Special Details - FY17 | 7/28/2016 | Exhibit |

**CITY OF TAMARAC
INTEROFFICE MEMORANDUM
PARKS AND RECREATION**

TO: Michael C. Cernech, City Manager DATE: July 22, 2016

**FROM: Gregory Warner, Director of Parks
and Recreation**

**RE: Temp. Reso. #12820 - Police
Services to be used by the
Parks and Recreation
Department in FY17**

Recommendation:

I recommend execution of a Broward Sheriff's Office Permit Application for Special Details for police services to be used by the Parks and Recreation Department in an amount not to exceed \$90,350 in FY17, October 1, 2016-September 30, 2017.

Issue:

Special Details for police services to be used by the Parks and Recreation Department in FY16

Background:

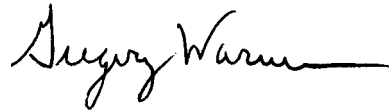
Parks and Recreation utilizes the Broward Sheriff's Office to provide police services at various parks and recreation facilities, programs and events for the safety and security of our customers and staff. Parks and Recreation hires off-duty detail officers to provide the needed services and has budgeted \$90,350 to cover those services in FY17. The budgeted amount reflects an increase of \$10,252 from last year. This increase is due to the detail rate increase from \$37.00 per hour to \$43.00 per hour plus a \$10 vehicle charge which was effective during the permit for FY16. The Special Details Office at the Broward Sheriff's Office has indicated that there are no expected changes to be made to the rates for Special Details during this permit period.

In addition to the usual park detail Monday-Friday from 6-10 p.m., Saturdays from 2-10 p.m., and Sundays from 12-4 p.m., the Broward Sheriff's Office also provides detail services in-kind for our Veterans Day, Memorial Day, and Turkey Trot events. The Broward Sheriff's Office is a sole-source provider of the police services needed as they are the only organized police force in the City of Tamarac.

Fiscal Impact:

The hiring of Broward Sheriff's Office Special Details to maintain safe parks and recreation facilities is an on-going program. Temp. Reso. #12820 authorizes the appropriate City officials to execute a Broward Sheriff's Office Permit for Special Details for FY17.

Funding for this item will be through budgeted Parks and Recreation Department funds for said purpose. The expense for the BSO Special Details will be charged to account number 001-7030-572-3407, Other Contractual Services – Police Protection (\$85,350), account number 001-7010-572-5700, Events (\$4,000), and account number 001-7010-572-5701 – July 4th Celebration (\$1,000).

A handwritten signature in black ink, appearing to read "Gregory Warner", with a long horizontal flourish extending to the right.

Gregory Warner

CITY OF TAMARAC, FLORIDA

RESOLUTION NO. R-2016-_____

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA, AUTHORIZING THE APPROPRIATE CITY OFFICIALS TO EXECUTE A BROWARD SHERIFF'S OFFICE PERMIT APPLICATION FOR SPECIAL DETAILS FOR POLICE SERVICES TO BE USED BY THE PARKS AND RECREATION DEPARTMENT IN AN AMOUNT NOT TO EXCEED \$90,350 IN FY 17, OCTOBER 1, 2016-SEPTEMBER 30, 2017; APPROVING FUNDING FROM THE APPROPRIATE PARKS AND RECREATION ACCOUNTS; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on May 27, 2015, the City Commission of the City of Tamarac, Florida, approved Resolution No. R-2015-46, approving the Fourth Amendment to the Agreement for Police Services between the City of Tamarac and the Broward Sheriff's Office renewing the Agreement under the existing terms and conditions for a five year period effective October 1, 2015, through September 30, 2020; and

WHEREAS, Section 36 c. of the Agreement, Special Details Services, provides that the Broward Sheriff's Office is authorized to administer a program that allows public and private entities to contract for the services of sheriff's deputies during off-duty hours; and

WHEREAS, per paragraph 8 of the Terms and Conditions of the Permit Application for Special Details, attached hereto as Exhibit "1", the minimum charge for each deputy sheriff on any Special Detail will be for three (3) hours of service, at the usual detail charge of \$43.00 (rate effective February 6, 2016); specialized or motorized detail equipment will incur additional charges as noted in paragraph 8 of the Terms and Conditions of the Permit Application for Special Details; and

WHEREAS, in an effort to maintain safety in our parks and recreation facilities, programs, and events, certain police services are required by the Parks and Recreation Department; and

WHEREAS, the Broward Sheriff's Office has been providing such needed services to Parks and Recreation as required; and

WHEREAS, funds exist in the appropriate Parks and Recreation accounts entitled "Other Contractual Services - Police Protection", "Events" and "July 4th Celebration"; and

WHEREAS, the Parks and Recreation Director and the Purchasing and Contracts Manager recommend execution of a Broward Sheriff's Office Permit Application for Special Details, to be used by the Parks and Recreation Department for police services for City of Tamarac parks and recreation facilities in an amount not to exceed \$90,350 in FY 17; and

WHEREAS, the City Commission of the City of Tamarac, Florida, deems it to be in the best interest of the citizens and residents of the City of Tamarac to execute a Broward Sheriff's Office Permit Application for Special Details to be used by the Parks and Recreation Department for police services for City of Tamarac parks and recreation facilities in an amount not to exceed \$90,350 in FY 17.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA:

SECTION 1: The foregoing "WHEREAS" clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption hereof. All exhibits attached hereto are hereby incorporated herein by this reference.

SECTION 2: That the appropriate City officials are hereby authorized to execute a Broward Sheriff's Office Permit Application for Special Details, attached hereto as Exhibit "1", for police services to be used by the Parks and Recreation Department at City of Tamarac parks and recreation facilities in an amount not to exceed \$90,350 in FY 17.

SECTION 3: Funding for this service will be from the appropriate Parks and Recreation accounts entitled "Other Contractual Services – Police Protection", "Events", and "July 4th Celebration".

SECTION 4: All resolutions or parts of resolutions in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 5: If any clause, section, other part or application of this Resolution is held by any court of competent jurisdiction to be unconstitutional or invalid, in part or application, it shall not affect the validity of the remaining portions or applications of this Resolution.

SECTION 6: This Resolution shall become effective immediately upon its passage and adoption.

PASSED, ADOPTED AND APPROVED this day of , 2016.

HARRY DRESSLER
Mayor

ATTEST:

PATRICIA A. TEUFEL, CMC
City Clerk

I HEREBY CERTIFY that I have
approved this RESOLUTION as to form.

SAMUEL S. GOREN
City Attorney



Broward Sheriff's Office
 Special Details
 2601 West Broward Boulevard
 Ft. Lauderdale, FL 33312
 Phone No. (954) 831-8199
 Fax No. (954) 797-0926

PERMIT NO. _____

PERMIT APPLICATION FOR SPECIAL DETAILS
ALL INFORMATION MUST BE TYPED OR PRINTED

Full Legal Name of Permittee: City of Tamarac, Florida
 Check One: X Corporation, State of _____
 _____ Partnership, State of _____
 _____ Fictitious name registered to _____

Attach copy of Driver's License of individual, partner or corporate officer

Federal Employer Identification Number (corporation, partnership, fictitious name) or Social Security Number (of individual): _____

Mailing Address of Permittee: City of Tamarac
7525 N.W. 88 Ave., Tamarac, FL 33321
 Telephone No. (954) 597-3620
 Facsimile No. (954) 597-3650
 E-Mail Address linda.probert@tamarac.org

Permittee will promptly notify BSO's Special Details Unit of any change to the above information.

Address Where Special Details will be performed: Various City parts located in the City of Tamarac
 Permanent (under \$2000 month) _____ (Com. Ctr., Sports Complex, Tamarac Park,
 Permanent (over \$2000 month) _____ Caporella Park, Sunset Pt., Mainlands, etc.
 Point of Service _____ Telephone No. (954) 954-597-3620
 Entertainment _____
 Pre-Paid _____

Period of Employment: October 1, 2016 September 30, 2017
 Beginning Date Ending Date

Hours to be Worked: Varies as needed _____
 From To

Number of Deputies Requested: _____

Type of Service Requested (i.e., security, traffic etc.): Traffic, security

Special or Motorized Detail Equipment Requested. Yes _____ No _____

If yes, check one: Motorcycle _____ Boat _____

TERMS AND CONDITIONS

SCOPE OF SERVICES

1. The Broward Sheriff's Office ("BSO") may contract for the employment of BSO deputies during their off-duty hours, for public or private security services (Special Details). BSO does not provide bodyguard services. No permit will be approved involving civil matters unless there is a signed court order stating a deputy needs to accompany an individual and it is outside the routine services offered through BSO civil enforcement division.
2. BSO is **NOT** obligated to provide Special Details. BSO reserves the right to refuse to issue permits to any individual, fictitious name, partnership or corporation for any reason. Although every reasonable effort will be made to fill your detail, there is no guarantee it will be filled. Please call prior to the detail date to confirm coverage.
3. Permittee may establish general rules regarding the duties to be performed by the deputy sheriff providing Special Details; however, the Permittee has no authority over the deputy sheriff. Permittee understands and agrees that while a deputy sheriff is performing Special Details, the deputy sheriff may be required to report to duty. Some instances where the deputy sheriff may be required to report to duty include responding to 9-1-1 calls and responding to hurricanes or natural disasters. In this event, the Special Detail Service will be cancelled for the duration of the emergency, and Permittee will only be charged for the actual number of hours worked plus any charges for specialized or motorized detail equipment. Permittee understands and agrees that BSO may or may not be able to provide Permittee with notice if the deputy sheriff is required to report to duty.
4. Permittee agrees to contact the Special Details Office in the event issues arise with respect to the deputy sheriff's performance of duties under this Permit. The Special Details Office is open 8:00 a.m. to 4:30 p.m. Monday through Friday. The telephone number is (954) 831-8199. The Special Details Office is closed on weekends and holidays. In an emergency situation, **Permittee may call the Supervisor of Special Details at: Cell number (954) 635-7989.**
5. BSO will attempt to accommodate requests for specialized or motorized detail equipment; however, Permittee understands and agrees that BSO may not be able to fulfill this request. In the event BSO does not fulfill a request for specialized or motorized detail equipment, BSO agrees not to assess the specialized or motorized detail equipment fee against Permittee.
6. Permit application cannot be changed or amended in any way, by Permittee, without express written consent of BSO. Permittee shall not assign or transfer this Permit, or the BSO provided services rendered under it, without express written consent of BSO.

CANCELLATION

7. In Order to cancel a Special Detail, Permittee must contact the Special Details Office during normal working hours and provide at least three (3) hours notice of the cancellation. The Special Details Office will attempt to contact the deputy sheriff to advise of the cancellation; however, if the Special Details Office can not contact the deputy sheriff and the deputy sheriff appears at the Special Detail or if less than three (3) hours notice during normal working hours was provided, then Permittee agrees to pay BSO for the three (3) hour minimum and any motorized vehicle charge. Notwithstanding the foregoing, Permittee may cancel a detail in an unforeseen emergency situation and if Permittee exercise this option and BSO is obligated to pay any minimum charges or costs to the deputy who appears at the regularly scheduled time and date of the detail period, then Permittee shall reimburse BSO for those expenses.

COMPENSATION

8. The minimum charge for each Deputy Sheriff on any Special Detail will be for three (3) hours of service at the detail rate of \$43.00 per hour. The minimum charge for each Community Service Aide will be three (3) hours of service at the detail rate of \$25.00 per hour. If there are more than four (4) deputies, a Sergeant will be required at the rate of \$46.00 per hour. In the event three (3) or more Sergeants are working, a Lieutenant will be required at the rate of \$49.00 per hour.
 9. Any establishment licensed to serve and or sell alcohol will be assessed an annual permit fee of \$100.00 to be paid on or before the commencement of each calendar year. If a detail for an alcohol establishment commences within the calendar year, the annual permit fee of \$100 will be assessed in total without proration. The minimum charges as set forth in paragraph eight (8) above shall apply to alcohol establishments, except that the hourly rates set forth in paragraph 8 shall increase to \$52.00 per hour for Deputy Sheriffs, \$55.00 for Sergeants and \$58.00 for Lieutenants.
 10. The number of deputies required for each venue will be determined by mutually agreement between the parties and if the parties cannot come to an agreement prior to the event, BSO may elect not to render services under this agreement at that certain event or venue. When determining the number of deputies required for each venue, the parties shall reasonably consider the events nature, the attendees numbers and character, the security risks applicable to that particular venue, the venues location, the time period for the event, any instances of past security incidents at a like venue, any other such reasonable factors.
 11. Any compensation over and above the established quoted written rate is prohibited. Specialized or motorized detail units or equipment will incur additional charges:
 - marked vehicle-will incur a \$10.00 fee per deputy for each detail service where a BSO marked unit is utilized to fulfill the request of the permittee; to include all traffic escort services.
 - boat--\$12.00 per hour for fuel;
- BSO makes no guarantees that specialized or motorized detail equipment will be available. Although every effort will be made to fill your detail, there is no guarantee it will be filled. Please call prior to the detail date to confirm coverage.
12. A premium rate of \$10.00 per hour per deputy sheriff and or community service aide will be applied to the usual detail rate for Special Details on the following holidays: Martin Luther King Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day; Thanksgiving Day; Day after Thanksgiving Day, Christmas Eve; Christmas Day; New Year's Eve; New Year's Day.
 13. All payments are due to Broward Sheriff's Office, P.O. Box 9507, Ft. Lauderdale, FL 33310 and in U.S. currency. A fee per Florida State Statute will be charged for any checks returned insufficient funds. Payment types and frequency are dependent on the category of the permit which are as follows:
 - a. Permanent Details (under \$2,000.00 monthly) – Billed monthly, to pay monthly.
 - b. Permanent Details (over \$2,000.00 monthly) – Billed Bi-weekly, to pay bi-monthly.
 - c. Point of Service/One Time Details - Payment in advance or given to the deputy on the day of service, before the service commences.
 - d. Entertainment Details – Payment is required prior to the event.
 - e. Weekend Call Out Details – In Emergency situations payment may be made at the time of service, at the discretion of the Sheriff's Office.

*Bi-Monthly is defined as the 1st and 15th of each month.

14. Permittee will be responsible for the payment of all fees associated with Permittee's detail request. It will be the permittee's responsibility to ensure that the billed amount on the provided voucher is correct.

SPECIAL EVENTS

15. Any event that is expected to require more than 10 deputies and/or has an expected guest / participant count of 75 or more people shall require a special review and written approval by the BSO Administrative Point of Contact and the Special Detail Manager.
 - a. Any Special Detail that is reviewed and classified as a Special Event will be charged an Administrative fee of \$40 per/hr. not to exceed more than four (4) hours. The Permittee will be responsible for communicating with BSO to ensure all requirements and permitting is satisfied prior to final approval.
 - b. Community Service Aides can be authorized to work non-security, traffic related details at the CSA rate of \$25.00 per/hr.
 - c. The Permittee will be required to provide proof of Special Event Permitting from all affected jurisdictions (cities), parks, and private venues before final approval will be granted.

TERMINATION

16. If the Permittee is requesting BSO Special Detail Services on an ongoing basis beyond one event, then This Permit will be a month to month agreement, which shall automatically renew monthly until such time as either party terminates it or on an annual basis. Permittee agrees to complete a new Permit Application annually to continue the Special Detail Services, if requested by BSO. Either party may terminate this permit by providing the other party with written notice. However, all unpaid fees and charges for services already performed by BSO shall still be due and payable to the Permittee after said termination. Under no circumstances is BSO obligated to render services under this agreement if the Permittee has failed to timely pay for past rendered services.

INDEMNIFICATION

17. BSO is a state agency as defined in section 768.28, Florida Statutes, and agrees to be fully responsible for the acts and omissions of its agents or employees to the extent permitted by law while they are employed by BSO. Nothing herein is intended to serve as a waiver or sovereign immunity by any party to which sovereign immunity may be applicable. Nothing herein shall be construed as consent by a state agency or political subdivision of the State of Florida to be sued by third parties in any matter arising out of this agreement.
18. City of Tamarac is a municipal agency as defined in section 768.28, Florida Statutes, and agrees to be fully responsible for the acts and omissions of its agents or employees to the extent permitted by law while immunity by any party to which sovereign immunity may be applicable. Nothing herein shall be construed as consent by a state agency or political subdivision of the State of Florida to be sued by third parties in any matter arising out of this agreement.
19. BSO and the City of Tamarac shall be separately liable and responsible for the actions of their respective officers, agents and employees in performance of their respective obligations under the Agreement unless otherwise dictated by Florida Statute 30.2905 (2)(a).

AMENDMENTS

20. The parties may amend the terms and conditions herein, upon mutual consent in writing signed by both parties.

EMPLOYER STATUS

The personnel provided by BSO to the City of Tamarac under this agreement are considered BSO employees and to the extent allowable under Florida Statute 30.295(2)(a) the City of Tamarac shall not be responsible for any employee benefits

I HAVE READ, UNDERSTAND, AND AGREE TO THE ABOVE TERMS AND CONDITIONS. I AM AUTHORIZED TO SIGN ON BEHALF OF THE ENTITY LISTED BELOW.

Legal name of entity: City of Tamarac, Florida

By (signature): _____

Print Name and title of person signing: Michael C. Cernech, City Manager

Date Signed: _____

TO BE COMPLETED BY SPECIAL DETAILS OFFICE

After reviewing this request, it is recommended that this permit Application be:

Approved: Special Detail Manager

Date

Disapproved

Date

SPECIAL EVENT

Administrative Point of Contact-Supervisor

Date



Title - TR12838 - Adoption of Affordable Housing Incentive Strategies Report

A Resolution of the City Commission of the City of Tamarac, Florida, adopting the Affordable Housing Incentive Strategies recommendations of the Affordable Housing Advisory Committee and authorizing the transmittal of the recommendations in a triennial report attached hereto as Exhibit "A" to the Florida Housing Finance Corporation in accordance with Section 492.9076 (4) Florida Statutes; providing for conflicts; providing for severability; and providing for an effective date.

Commission District(s):

Citywide

ATTACHMENTS:

| Description | Upload Date | Type |
|------------------------|--------------------|-------------|
| ▣ TR12838 - Memo | 9/12/2016 | Cover Memo |
| ▣ TR12838 - Resolution | 9/12/2016 | Resolution |
| ▣ Exhibit A | 9/12/2016 | Exhibit |

CITY OF TAMARAC
INTEROFFICE MEMORANDUM
COMMUNITY DEVELOPMENT

TO: Michael C. Cernech,
City Manager

DATE: September 14, 2016

FROM: Maxine Calloway,
Director of Community
Development

RE: Approval of SHIP Affordable
Housing Advisory Committee
Incentives Report
Temporary Resolution #12838

Recommendation: The Director of Community Development recommends the Mayor and City Commission accept and approve recommendations in the Affordable Housing Incentive Strategies Report prepared and presented by the 2016 Affordable Housing Advisory Committee.

Issue: Section 420.9076(4) Florida Statutes requires the Affordable Housing Advisory Committee to submit triennially, recommended affordable housing incentive strategies in the form of a report to the local governing body (City Commission).

Background: Section 420.9076(4) requires that each Affordable Housing Advisory Committee (AHAC) perform a triennial review to evaluate the implementation of affordable housing incentives and submit a report to their respective local government. Triennially, the AHAC is required to review the established policies and procedures, ordinances, land development regulations, and adopted comprehensive plan of the City and recommend specific actions or initiatives to encourage or facilitate affordable housing while protecting the ability of the property to appreciate in value.

The recommendations may include the modification or repeal of existing policies, procedures, ordinances, regulations, or plan provisions; the creation of exceptions applicable to affordable housing; or the adoption of new policies, procedures, regulations, ordinances, or plan provisions, including recommendations to amend the City's comprehensive plan and corresponding regulations, ordinances, and other policies. At a minimum, the AHAC is required to submit a report to the Mayor and Commission that includes recommendations on, and triennially thereafter evaluates the implementation of, affordable housing incentives in the areas listed below in this report.

Further, municipalities receiving an annual allocation less than \$350,000 is exempt from submitting the triennial report. In 2009, the City received an allocation of \$579,518 and consequently submitted the required triennial report. Since that time, the City consistently received allocations less than \$350,000 and as such, has not submitted a report in approximately seven (7) years. The City's 2016-17 allocation will be \$393,753, thus requiring the submission of the triennial report.

On July 13, 2016, the Commission approved new members to the Affordable Housing Advisory Committee (AHAC) via Resolution No. 2016-69. At its August 3, 2016 publicly noticed meeting, all eleven incentive strategies were discussed and reviewed by the AHAC. Input was solicited from staff members with extended knowledge and expertise in the subject of each incentive strategy. The AHAC received technical input from the Director of Community Development which addressed the overall impact of each incentive strategy. Following the receipt of the report by the Commission, the City's Local Housing Assistance Plan (LHAP) will be amended within 90 days incorporating the adopted recommendations of the AHAC.

Analysis:

The AHAC was tasked with reviewing and making recommendation on the following eleven (11) housing incentive strategies:

- (a) The processing of approvals of development orders or permits, as defined in s. 163.3177(6)(f)3, for affordable housing projects is expedited to a greater degree than other projects.
- (b) The modification of impact-fee requirements, including reduction or waiver of fees and alternative methods of fee payment for affordable housing.
- (c) The allowance of flexibility in densities for affordable housing.
- (d) The reservation of infrastructure capacity for housing for very-low-income persons, low-income persons, and moderate-income persons.
- (e) The allowance of affordable accessory residential units in residential zoning districts.
- (f) The reduction of parking and setback requirements for affordable housing.
- (g) The allowance of flexible lot configurations, including zero-lot-line configurations for affordable housing.
- (h) The modification of street requirements for affordable housing.
- (i) The establishment of a process by which a local government considers, before adoption, policies, procedures, ordinances, regulations, or plan provisions that increase the cost of housing.
- (j) The preparation of a printed inventory of locally owned public lands suitable for affordable housing.
- (k) The support of development near transportation hubs and major employment centers and mixed-use developments

Of the eleven (11) strategies discussed, the City's 2009 triennial report and most recently adopted LHAP currently consists of the following three (3) incentive strategies.

1. The processing of approvals of development orders or permits, as defined in s. 163.3177(6)(f)3 , for affordable housing projects is expedited to a greater degree than other projects.
2. The allowance of flexible lot configurations, including zero-lot-line configurations for affordable housing.
3. The establishment of a process by which a local government considers, before adoption, policies, procedures, ordinances, regulations, or plan provisions that increase the cost of housing.

The 2016 AHAC recommends that the City continues with the use of the existing incentive strategies using the same policies and procedures. In addition, the AHAC recommends the formal adoption of the following strategy:

4. The support of development near transportation hubs, major employment centers and mixed-use developments.

This incentive is currently in practice by the City of Tamarac. The Planning and Zoning Division currently facilitates the process for new developments to maximize use of public transportation options. In addition, the new Land Development Regulations will support and encourage development near transportation hubs, major employment centers and mixed-use developments. In fact, several focus areas within the city are slated to be rezoned "mixed use" in order to encourage and facilitate a multi-model community, maximizing the use of public transportation. Further, City staff recommends the formal adoption of this strategy.

Fiscal Impact: There are no expected expenses associated with the acceptance of the 2016 Affordable Housing Advisory Committee Report on housing incentive strategies. This item supports strategic goal #5-A Vibrant Community



Maxine A. Calloway,
Director of Community Development

Attachments:

Temp Resolution No. 12838
Exhibit A - Affordable Housing Incentive Strategies Review and
Recommendation Report

MAC/cc

CITY OF TAMARAC, FLORIDA

RESOLUTION NO. R-2016-_____

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA, ADOPTING THE AFFORDABLE HOUSING INCENTIVE STRATEGIES RECOMMENDATIONS OF THE AFFORDABLE HOUSING ADVISORY COMMITTEE AND AUTHORIZING THE TRANSMITTAL OF THE RECOMMENDATIONS IN A TRIENNIAL REPORT ATTACHED HERETO AS EXHIBIT "A" TO THE FLORIDA HOUSING FINANCE CORPORATION IN ACCORDANCE WITH SECTION 492.9076 (4) FLORIDA STATUTES; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Section 420.9076(4), Florida Statutes requires that each Affordable Housing Advisory Committee perform a triennial review of established policies, procedures, ordinances, land development regulations and the City's adopted Comprehensive Plan to evaluate the implementation of affordable housing incentives and submit a report to the Mayor and Commission; and

WHEREAS, on July 13, 2016 the City of Tamarac (hereinafter referred to as the "City"), pursuant to State Housing Initiatives Partnership Act ("Act"), adopted Resolution No. 2016-69, thereby appointing members to the City's Affordable Housing Advisory Committee; and

WHEREAS, the members of the Affordable Housing Advisory Committee convened a public meeting on August 3, 2016 to review the eleven (11) incentive strategies as detailed by Section 420.9076(4) Florida State Statute; and

WHEREAS, the Affordable Housing Advisory Committee was educated by staff as to the City's established policies, procedures, ordinances, land development regulations and the City's adopted Comprehensive Plan relative to affordable housing programs and direction; and

WHEREAS, the Affordable Housing Advisory Committee is comprised of technical and professional members of varying backgrounds who used their collective knowledge and expertise while considering recommendations for incentives; and

WHEREAS, the Affordable Housing Advisory Committee discussed the eleven (11) incentive strategies outlined in Section 420.9076(4) Florida Statutes and compiled a report attached hereto and incorporated herein as Exhibit "A", which includes recommended incentive strategies to be implemented in furtherance of affordable housing for review and acceptance by the City Commission; and

WHEREAS, it is the recommendation of the Director of Community Development that the City Commission receive and accept the report and its recommendations prepared by the Affordable Housing Advisory Committee.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA THAT:

Section 1. The foregoing "WHEREAS" clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution.

Section 2. The City Commission receives and adopts the Affordable Housing Incentive Strategies Review and Recommendation Report, attached hereto as “Exhibit A”, as prepared by the Affordable Housing Advisory Committee.

Section 3. All resolutions or parts of resolutions in conflict herewith be, and the same are hereby repealed to the extent of such conflict.

Section 4. If any clause, section, other part or application of this Resolution is held by any court of competent jurisdiction to be unconstitutional or invalid, in part or application, it shall not affect the validity of the remaining portions or applications of this Resolution.

Section 5. This Resolution shall become effective immediately upon its passage and adoption.

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PASSED AND ADOPTED BY THE CITY COMMISSION OF THE CITY OF TAMARAC,
FLORIDA THIS _____ DAY OF SEPTEMBER, 2016.

CITY OF TAMARAC, FLORIDA

HARRY DRESSLER, MAYOR

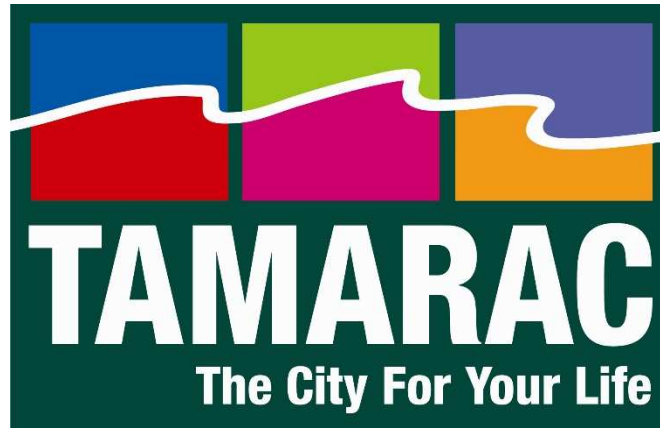
ATTEST:

PATRICIA TEUFEL,
CITY CLERK

| | |
|-------------|-------|
| H. DRESSLER | _____ |
| P. BUSHNELL | _____ |
| M. GOMEZ | _____ |
| D. GLASSER | _____ |
| D. PLACKO | _____ |

I HEREBY CERTIFY that I
Have approved this
RESOLUTION as to form.

SAMUEL S. GOREN,
CITY ATTORNEY



CITY OF TAMARAC
STATE HOUSING INITIATIVE PARTNERSHIP
(SHIP)
AFFORDABLE HOUSING INCENTIVE
STRATEGIES REVIEW AND
RECOMMENDATION REPORT

Prepared by:
City Of Tamarac
Community Development Department
Housing Division
7525 NW 88th Avenue Room 206
Tamarac, FL 33321

**City of Tamarac
Affordable Housing Advisory Committee
Housing Incentive Strategies Review and Recommendation Report
For Local Housing Assistance Plan (LHAP) 2016/17-2018/2019**

Committee Members

Ms. Susan Evans, Chair
Ms. Marcia Oban, Vice Chair
Ms. Sandra Bernard-Bastien
Ms. Marie De La Rosa
Ms. Marilyn Gallington
Ms. Robin Holley
Ms. Pamela LeMelle-Grey
Ms. Dawn Williams-Bobo

City Staff

Ms. Maxine A. Calloway, Director
Mr. Brian J. Sherman, City Attorney
Ms. Coleen Christie, Housing and Neighborhood Programs Manager

City of Tamarac
Affordable Housing Advisory Committee
Housing Incentive Strategies Review and Recommendation Report
For Local Housing Assistance Plan (LHAP) 2016/17-2018/2019

I. Background

In 2007, the Florida Legislature passed House Bill 1375, mandating that the Florida Housing Finance Corporation (FHFC) require each local municipality and county receiving State Housing Initiatives Partnership (SHIP) funds to establish an Affordable Housing Advisory Committee (AHAC). The Mayor and City Commission of the City of Tamarac approved Ordinance No. -2008-04 on March 12, 2008 establishing the Affordable Housing Advisory Committee. On October 24, 2012 the City Commission authorized a partial waiver of the appointment process specified in Chapter II, Article III (Section 2-58) of the City of Tamarac Code of Ordinances via Resolution No. 2012--117. This partial waiver allowed for the solicitation of committee members to meet the composition criteria required by the State. New members to the Affordable Housing Advisory Committee were appointed by the City Commission on July 13, 2016 by Resolution No. R2016-69 (Exhibit 1).

Florida State Statute 420.9076 outlines the duties and committee composition of the Affordable Housing Advisory Committee. The intent and primary purpose of the AHAC is to advise and make recommendations to the City Commission on the matters related to monetary and non-monetary housing incentive strategies for the Local Housing Action Plan and to review existing incentive strategy recommendations, evaluate established policies, procedures, ordinances, land development regulations, and the local government Comprehensive Plan.

The AHAC must consist of at least 8 but not more than 11 members with a specified term from at least 6 of the following disciplines:

- a. A citizen who is actively engaged in the residential home building industry in connection with affordable housing.
- b. A citizen who is actively engaged in the banking or mortgage banking industry in connection with affordable housing.
- c. A citizen who is who is a representative of those areas of labor engaged in home building in connection with affordable housing.
- d. A citizen who is actively engaged as an advocate for low-income persons in connection with affordable housing.
- e. A citizen who is actively engaged as a for- profit provider of affordable housing.
- f. A citizen who is actively engaged as a not-for-profit provider of affordable housing
- g. A citizen who is actively engaged as a real estate professional in connection with affordable housing
- h. A citizen who actively serves on the local planning agency.

- i. A citizen who resides within the jurisdiction of the local governing making the appointments.
- j. A citizen who represents employers within the jurisdiction.
- k. A citizen who represents essential services personnel as defined in the local housing assistance plan.

Should the City Commission accept the recommendations of the 2016 AHAC, the City's Local Housing Assistance Plan (LHAP) for the period FY2016/17 through FY2018/19 must be amended to incorporate the additional incentive strategy.

II. Public Hearing:

A Public Meeting before the Affordable Housing Advisory Committee was convened on July 20, 2016 at 9:00 am at City Hall.

A Public Meeting before the Affordable Housing Advisory Committee was convened on August 3, 2016 at 9:00 am in the City Commission Chambers.

A Public Hearing was held before the City Commission on September 28, 2016 at 9:00am in the City Commission Chambers.

The following is a summary of the Public comments received:

| <u>Name of Commenter</u> | <u>Comments</u> |
|--------------------------|---|
| Barry Ashton | What are the future plans for the Sports Complex? |

City's Response: There are no current plans at this time

Incentives & Recommendations

Most incentive strategies are considered at the Planning/Development Review stage at both the City and County level on a case by case basis by development projects. Implementation of all eleven incentive strategies is not likely, however, all eleven were and will continue to be reviewed for consideration.

Currently the City of Tamarac has three (3) incentives in place as part of the FY16/17-18/19 Local Housing Assistance Plan:

1. The processing of approvals of development orders or permits, as defined in s. 163.3177(6)(f)3 , for affordable housing projects is expedited to a greater degree than other projects.
2. The allowance of flexible lot configurations, including zero-lot-line configurations for affordable housing.

3. The establishment of a process by which a local government considers, before adoption, policies, procedures, ordinances, regulations, or plan provisions that increase the cost of housing.

The Affordable Housing Advisory Committee met during the months of July and August 2016 to discuss, review and make recommendations on the eleven incentive strategies.

The eleven incentive strategies discussed are as follows:

- (a) The processing of approvals of development orders or permits, as defined in s. 163.3177(6)(f)3, for affordable housing projects is expedited to a greater degree than other projects.
- (b) The modification of impact-fee requirements, including reduction or waiver of fees and alternative methods of fee payment for affordable housing.
- (c) The allowance of flexibility in densities for affordable housing.
- (d) The reservation of infrastructure capacity for housing for very-low-income persons, low-income persons, and moderate-income persons.
- (e) The allowance of affordable accessory residential units in residential zoning districts.
- (f) The reduction of parking and setback requirements for affordable housing.
- (g) The allowance of flexible lot configurations, including zero-lot-line configurations for affordable housing.
- (h) The modification of street requirements for affordable housing.
- (i) The establishment of a process by which a local government considers, before adoption, policies, procedures, ordinances, regulations, or plan provisions that increase the cost of housing.
- (j) The preparation of a printed inventory of locally owned public lands suitable for affordable housing.
- (k) The support of development near transportation hubs and major employment centers and mixed-use developments.

The following recommendations are being made for consideration by the City Commission.

- A) Incentive:** The processing of approvals of development orders or permits, as defined in s. 163.3177(6)(f)3, for affordable housing projects is expedited to a greater degree than other projects in an effort to streamline the permitting process, and minimize costs and delays for affordable housing projects.

Review Synopsis: This is one of the two required incentives. This incentive was reviewed by previous AHAC committees and adopted as a part of prior LHAPs for the City of Tamarac. Currently, projects deemed as Affordable Housing are identified by developers to the Building Department. In addition to assigning a Building staff member to serve as liaison to all affordable housing projects, the projects are denoted as such in the electronic permit processing system allowing for an expedited permitting process.

The Building Department also expedites permits that pertain to projects for all developers/contractors doing work under the City's Affordable Housing programs like home rehabilitation and disaster mitigation. All permits requested as initiated under these programs are identified at the application process, stamped with an "Expedited" stamp, and forwarded to a dedicated person to be sure the process is expedited. Housing staff also notifies the designated staff member in the Building Department when a contract or agreement under the affordable housing program has been made, to include the address, contractor and scope of work so that the Building Department may be able to flag this property up-front further expediting the permit review process. This strategy is functioning as intended.

Recommendation: Continue this incentive strategy using current policies and procedures.

City Commission Action Requested: Acceptance of AHAC recommendation to continue this incentive strategy using current policies and procedures.

- B) Incentive:** The modification of impact-fee requirements, including reduction or waiver of fees and alternative methods of fee payment for affordable housing.

Review Synopsis: The City of Tamarac does not currently waive impact fees at the City level for developers of affordable housing. However, the City created a provision in Article XI, Public Art Program, Section 5-304 of the City Code to exclude "Affordable housing construction, remodel, repair or reconstruction projects..." from paying the Public Art fee which is 1% of construction value of improvements to real property as is charged to all other projects.

Recommendation: Due to the loss of revenue for waiver of impact fees, and the current exceptions to the Public Art fee, the 2016 AHAC has no recommendations for reduction of impact fees other than those eligible at the County or School City Commission level should the developer choose to explore.

City Commission Action Requested: None required at this time.

C) Incentive: The allowance of flexibility in densities for affordable housing.

Review Synopsis: In 2005 the City modified its Code by adding a new zoning district called MXD (Mixed Use). Section 24-539, Development Intensity, allows a greater residential density through the use of flexibility and reserve units within areas zoned MXD. Currently the portion of the City east of N.W. 94th Avenue and west of University Drive on the north side of Commercial Boulevard has been rezoned to the MXD zoning district.

After discussions with Community Development Department, it should be noted that the City is residentially built out and no vacant residential land remains for development. For fiscal year 2016/17 and beyond, the City will be undertaking a rewrite of various sections of the zoning code with the intent to make a recommendation to remove allowance of flexibility in densities for affordable housing. City staff does not recommend the adoption of this strategy at this time.

Recommendation: The adoption of this incentive strategy is not recommended.

City Commission Action Requested: None required at this time

D) Incentive: The reservation of infrastructure capacity for housing for very-low-income persons, low-income persons, and moderate-income persons.

Review Synopsis: This incentive is not considered by the City due to the fact that there is no excess capacity for reservation of infrastructure. Developers pay a set fee and may be assessed monthly fee if individual accounts are not activated after a certain amount of time. City staff does not recommend the adoption of this strategy.

Recommendation: The adoption of this incentive strategy is not recommended.

City Commission Action Requested: None required at this time.

E) Incentive: The allowance of affordable accessory residential units in residential zoning districts.

Review Synopsis: Section 24-803 (d) of the City Code states that “Structures accessory to the use of one (1) family may be erected provided such accessory buildings are clearly incidental to the main building, and do

not accommodate an additional family. Accessory structures shall receive all required permits from the city prior to construction.” Due to the fact that this incentive would be in direct conflict of the current City Ordinance, City staff does not recommend the adoption of this strategy.

Recommendation: The adoption of this incentive strategy is not recommended.

City Commission Action Requested: None required at this time.

- F) Incentive:** The reduction of parking and setback requirements for affordable housing.

Review Synopsis: In the City of Tamarac, regulations that regulate required setbacks and required parking are vital to the proper development and function of any given site and are at best, flexible on a case-by-case basis only. Reductions in required parking are only approved through extensive review by an outside traffic/parking consultant to validate the reduction in required parking. The City amended its parking ordinance in October 2011 and significantly reduced parking requirements city-wide for most commercial uses. Within the next year, additional code amendments will be proposed that may modify building setbacks mostly in the commercial areas of the City as a result of the current redevelopment study that is being developed by an outside planning consultant.

Parking has been a concern mainly in older residential communities where the original composition of the residents was senior, one-car families. Since the City’s demographics have started changing to a younger community, additional vehicles have caused safety concerns for residents’. The City of Tamarac and Broward Sheriff’s Office have prepared a “positioning statement” on the issue and continue educating the public as to safe parking practices. With the preparation of the “positioning statement” and the topic regularly and freely discussed with residents during the City’s Neighborhood Meetings and HOA meetings, this topic has been addresses sufficiently by City staff. City staff does not recommend the adoption of this strategy.

Recommendation: The adoption of this incentive strategy is not recommended.

City Commission Action Requested: None required at this time.

- G) Incentive:** The allowance of flexible lot configurations, including zero lot line configurations for affordable housing.

Review Synopsis: The City currently allows for zero-lot line configuration on affordable housing projects as implemented by previous AHACs. City staff recommends the continued implementation of this strategy.

Recommendation: Continue this incentive strategy using current policies and procedures.

City Commission Action Requested: Acceptance of AHAC recommendation to continue this incentive strategy using current policies and procedures.

H) Incentive: The modification of street requirements for affordable housing.

Review Synopsis: This City does not have any incentives with regard to street requirements. Streets are engineering in nature and the regulations that govern their requirement are vital to the proper development and function of any given site and are at best, flexible on a case-by-case basis only. Any modification requests would be reviewed at the site plan review process. City staff does not recommend the adoption of this strategy.

Recommendation: The adoption of this incentive strategy is not recommended.

City Commission Action Requested: None required at this time.

I) Incentive: The establishment of a process by which a local government considers, before adoption, policies, procedures, ordinances, regulations, or plan provisions that increase the cost of housing.

Review Synopsis: This is one of the two required incentives. This incentive is currently in practice by the City of Tamarac. The Planning Board, City Commission as well as the AHAC provide a process by which the City considers, before adoption, policies, procedures, ordinances, regulations, or plan provisions that increase the cost of housing. Additionally, the Housing Division, responsible for the affordable housing programs within the City, has an on-going review process of its internal policies and procedures. Several improvements to the quality of the applications, as well as the application approval process, have been made to ensure the City is meeting its grant requirements, protecting the residents, and improving efficiency for better use of staff, resources and funding. The AHAC will meet on an as needed basis to review before adoption, policies, procedures, ordinances, regulations, or plan provisions that increase the cost of housing. City staff stated that this strategy is functioning as intended.

Recommendation: Continue this incentive strategy using current policies and procedures.

City Commission Action Requested: Acceptance of AHAC recommendation to continue this incentive strategy using current policies and procedures.

J) Incentive: The preparation of a printed inventory of locally owned public lands suitable for affordable housing.

Review Synopsis: The City has assessed its inventory of publicly owned land and a determination was made that the City does not currently own land that is suitable for use as affordable housing. City staff recommends that should the City purchase residential land in the future, it will maintain a current list showing locations and zoning. This list may benefit developers who wish to partner with the City or purchase property for development of affordable housing. City staff does not recommend the adoption of this strategy.

Recommendation: The adoption of this incentive strategy is not recommended.

City Commission Action Requested: None required at this time.

K) Incentive: The support of development near transportation hubs, major employment centers and mixed-use developments.

Review Synopsis: This incentive is currently in practice by the City of Tamarac. The Planning and Zoning Division currently facilitates the process for new developments to maximize use of public transportation options. In addition, the new Land Development Regulations will support and encourage development near transportation hubs, major employment centers and mixed-use developments. In fact, several focus areas within the city are slated to be rezoned “mixed use” in order to encourage and facilitate a multi-modal community, maximizing the use of public transportation. City staff recommends a formal adoption of this strategy.

Recommendation: The AHAC recommends that this incentive strategy is added to the existing list of affordable housing incentive strategies.

City Commission Action Requested: Acceptance of AHAC recommendation and amend the LHAP to include this strategy.

III. Results:

After careful consideration and in depth conversations regarding the above eleven incentive items, the 2016 Affordable Housing Advisory Committee has elected to add one new incentive option to the City's Local Housing Assistance Plan. This additional strategy and recommendations made throughout the Report will improve the existing incentives and foster future deliberation as to the direction of the City's housing programs. The AHAC is committed to its purpose and will continue to work cohesively and provide the residents of Tamarac with best practices in supporting affordable housing needs.

The Affordable Housing Advisory Committee requests the City of Tamarac City Commission support the following four incentives under the State Housing Initiative Program (SHIP) and approve the recommendations described above:

- **Incentive:** The processing of approvals of development orders or permits, as defined in s. 163.3164(7) and (8), for affordable housing projects is expedited to a greater degree than other projects.
- **Incentive:** The allowance of flexible lot configurations, including zero lot line configurations for affordable housing.
- **Incentive:** The establishment of a process by which a local government considers, before adoption, policies, procedures, ordinances, regulations, or plan provisions that increase the cost of housing.
- **Incentive:** The support of development near transportation hubs, major employment centers and mixed-use developments.

IV. Additional Recommendations:

No additional recommendations were made by the 2016 AHAC

V. Board/Council Consideration:

The Affordable Housing Advisory Committee approved the above incentive strategy recommendations by an affirmative vote of the majority of membership at a public hearing that was convened on August 3, 2016, at City Commission Chambers located at 7525 NW 88th Ave, Tamarac, FL 33321

The Affordable Housing Advisory Committee Affordable Housing Incentive Report recommendations was submitted to the Mayor and City Commission on **September 28, 2016** for acceptance by **Resolution #** at their Regular meeting.

VI. Attachments:

AHAC Membership Adopting Resolution

Public Hearing Advertisement
Resolution to adopt Incentives or Board action



Title - TR12811 - Approving Community Rating System Program for Public Information

A Resolution of the City Commission of the City of Tamarac, Florida approving the Program for Public Information which is part of the National Flood Insurance Program Community Rating System; providing for conflicts; providing for severability and providing for an effective date.

Commission District(s):

Citywide

ATTACHMENTS:

| Description | Upload Date | Type |
|--|--------------------|-------------|
| ▣ TR#12811 MEMO Program for Public Information | 9/8/2016 | Cover Memo |
| ▣ TR#12811 RESO Program for Public Information | 9/9/2016 | Resolution |
| ▣ TR#12811 Program for Public Information | 9/8/2016 | Exhibit |

CITY OF TAMARAC
INTEROFFICE MEMORANDUM
Building Department

TO: Michael C. Cernech, City Manager DATE: September 7, 2016

**THRU: Diane Phillips, Assistant
City Manager**

**FROM: Claudio Grande, Chief Building
Official/ Director, CRS
Coordinator**

**RE: Program for Public Information
TR# 12811**

Recommendation:

The Chief Building Official and CRS Coordinator for the City of Tamarac recommend approval of Temporary Resolution No.12811 for the National Flood Insurance Community Rating System, Program for Public Information Plan.

Issue:

Since the last cycle visit was completed in 2010 by the Insurance Service Office (ISO) Community Rating System (CRS), FEMA has introduced several programs changes which could negatively impact the City's rating in the CRS. One such change which requires the approval of the Commission, relates to the organization and implementation of a formal Program for Public Information (PPI) within Activity 330 (Public Outreach) of the FEMA 2013 NFIP, CRS Coordinator's Manual. Built on broad community involvement, the PPI promotes a strategic, coordinated, step-by-step approach to public outreach on flood preparedness matters.

Background:

The City of Tamarac has been a participant in the National Flood Insurance Program (NFIP) since 1992. At that time, the City has placed priority on reducing the risk of floods throughout the Community. As a result of those efforts, during the Community Rating System (CRS) re-certification done in November of 2010, the City of Tamarac achieved a higher Classification of 6 from the Insurance Service Office (ISO). In October 2011, the City received the official letter from FEMA ratifying the increase to a Class 6 in the NFIP and the CRS Program qualifying the residents of the City of Tamarac to receive a 20% discount on the premium cost of flood insurance for the NFIP policies issued or renewed in the Special Flood Hazard Areas (SFHA) on or after October 1, 2011.

The reductions are based on the community floodplain management programs, including public information activities. To keep those discounts, communities must continue to implement their programs and provide status reports to the NFIP each year. Since entrance into the CRS Program, the City of Tamarac has prioritized the dissemination of flood-related information to its residents and businesses.

Over the years, the City has expanded this outreach to include, among other items, a Flood Protection Brochure mailed twice a year to all properties in the City, numerous outreach articles are written in the City's quarterly newsletter that is delivered to every household in the City, numerous outreach items using electronic media and staff educates homeowners by visiting Homeowners Association meetings and providing information on the NFIP and Flood Protection of their properties.

While Tamarac has historically engaged in a number of well executed public outreach projects on floodplain management, these projects have tended to be staff driven. Adoption of the PPI promises to engage non-government entities in the outreach process, better assess community public information needs, formulate strategic messages for target audiences, develop and organize projects to effectively convey and reinforce messages, monitor, evaluate and report on project and program outcomes. Approval of the PPI provides a forty (40) percent multiplier in credit points earned by each outreach project conducted under Activity 330 and several other activities.

Preliminary review of the proposed PPI Plan by the ISO/CRS Technical Coordinator has revealed that the proposed PPI Plan meets the requirements of Activity 330 of the 2013 CRS Coordinator's Manual. Once the PPI Plan and Resolution it's approved by the City Commission, the City of Tamarac will receive an additional 324 credit points in the ISO/Community Rating System.

Fiscal Impact:

There is no direct fiscal impact, expenses incurred in this proposed program are already included in our outreach budgeted item.

CITY OF TAMARAC, FLORIDA

RESOLUTION NO. R-2016-

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA APPROVING THE PROGRAM FOR PUBLIC INFORMATION WHICH IS PART OF THE NATIONAL FLOOD INSURANCE PROGRAM COMMUNITY RATING SYSTEM; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Tamarac is enrolled in the National Flood Insurance Program (NFIP) to provide flood insurance for the residents of the City of Tamarac; and

WHEREAS, the NFIP provides for insurance premium discounts for communities that voluntarily participates in the Community Rating System (CRS) program that is a component of the NFIP; and

WHEREAS, the City of Tamarac participates in the Community Rating System and currently holds a Class 6 rating, which the City's staff strives to maintain or possibly improve; and

WHEREAS, the City disseminates flood hazard information that not only is beneficial to the residents through mitigation of the hazardous effects of flooding, it is

also beneficial in maximizing credit in the CRS program by conforming to the Program for Public Information standard outlined in the 2013 CRS Coordinator's Manual; and

WHEREAS, the Chief Building Official/Flood Plain Manager has determined that it is necessary to create a Program for Public Information (PPI) in order to maintain the current Class 6 rating; and

WHEREAS, the Chief Building Official/Flood Plain Manager recommends that the City Commission approve the Program for Public Information, a copy of said Program for Public Information is attached hereto as Exhibit "1"; and

WHEREAS, the City Commission deems it to be in the best interest of the health, safety, general welfare of the citizens and residents of the City to continue enforcing the regulations of the NFIP and the CRS program.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE
CITY OF TAMARAC, FLORIDA:

SECTION 1: The foregoing "WHEREAS" clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption hereof. All Exhibits attached hereto are incorporated herein and made a specific part hereof.

SECTION 2: The appropriate City Officials are hereby authorized to implement the Program for Public Information attached hereto as "Exhibit 1".

SECTION 3: Funding is available in our building fund Printing and Binding Account.

SECTION 4: All resolutions or parts of resolutions in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 5: If any clause, section, other part or application of this Resolution is held by any court of competent jurisdiction to be unconstitutional or invalid, in part or application, it shall not affect the validity of the remaining portions or applications of this Resolution.

SECTION 6: This Resolution shall become effective immediately upon its
passage and adoption.

PASSED, ADOPTED AND APPROVED this day of 2016.

HARRY DRESSLER, MAYOR

ATTEST:

PATRICIA A. TEUFEL, CMC
CITY CLERK

I HEREBY CERTIFY that I
Have approved this Resolution
as to form:

SAMUEL S. GOREN
CITY ATTORNEY

VOTE:

Commissioner Bushnell: _____
Vice Mayor Glasser _____
Commissioner Gomez _____
Commissioner Placko _____
Mayor Dressler _____

City of Tamarac, Florida

Program for Public Information (PPI)

The City of Tamarac has developed a comprehensive outreach program over the years to educate the community concerning matters pertaining to floodplain management and to highlight the importance of flood mitigation to the community. This outreach has included active participation with other communities within Broward County and input from volunteers and community stakeholders. With the implementation of the *2013 CRS Coordinators Manual*, the City of Tamarac determined the importance of developing its own Program for Public Information.

Since 1992, the City of Tamarac has been a participant in the National Flood Insurance Program (NFIP) and qualified for the Community Rating System (CRS) Program which provides reductions to flood insurance premiums for residents and businesses within participating communities. The reductions are based on community floodplain management programs, including public information activities. To keep those discounts, communities must continue to implement their programs and provide status reports to the NFIP each year. Since entrance into the CRS Program, the City of Tamarac has prioritized the dissemination of flood-related information to its residents and businesses. Over the years, the City has expanded this outreach to include, among other items, a community brochure mailed biannual to all properties in the community, and numerous outreach items using electronic media. The City also provides flood information at Homeowners Association meetings through the year, during our annual hurricane awareness expo, and various articles related to flood protection written in the City's Quarterly newsletter that is delivered to every household in the City.

The City of Tamarac has emphasized not only the life and property components of flood plain management but also the natural and beneficial functions of floodplains and maintenance of open space. Furthermore, it continues active compliance with the storm water maintenance program and implementation of the City's Municipal Separate Storm Water System-National Pollution Discharge and Elimination System (MS4-NPDES) Permit. The MS4 program is part of the US Environmental Protection Agency's efforts to reduce pollution caused by untreated stormwater runoff.

The City is pleased that its efforts to disseminate flood hazard information are not only beneficial to the Tamarac community through mitigation of the hazardous effects of flooding, but are also beneficial in maximizing credit in the CRS program by conforming to the PPI standard outlined in the *2013 CRS Coordinator's Manual*.

Plan Development

- Step 1: Research and data collection of SFHA and demographics
- Step 2: History of flooding within municipal boundaries
- Step 3: Compile list of current flood related outreach
- Step 4: Form PPI Committee, 12 outside agencies and 5 staff members
- Step 5: Review data and establish target audiences
- Step 6: Review current outreach projects and PPI proposed projects
- Step 7: Review resources and create action plan
- Step 8: Submit PPI plan to City Commission for approval
- Step 9: Review effectiveness and new opportunities annually

PPI Committee

The Program for Public Information Committee is comprised of both key staff members from pertinent department as well as community stakeholders representing pertinent professions and constituents in the City of Tamarac. Since this was a group that included busy professionals and leaders of the community, the meeting times were chosen to maximize participation. The meetings were held at City Hall.

PPI Committee – City of Tamarac Stakeholders

Marcia Oban, representing Crisis Housing Solutions
Robin Holley, representing Florida Community bank
Peter Mason, representing the Tamarac Chamber of Commerce
Tammy McNeal, representing Broward Sheriff's Office
Rita Scott, representing Hope for Housing Center
Kathy Haynes, representing Broward Housing Authority
Pamela LeMelle, representing the Tamarac Planning Board
Craig Vanderlaan, representing Crisis Housing Solutions
Susan Evans, representing Habitat for Humanity of Broward County
Dawn Williams Bobo, representing Praaq Realtor
David Deka, representing a local developer, the Estate Companies
David Boudreau, representing a local business, Richline Group
Stephanie Mora, representing a local business, Convergys
Claudio Grande CFM, representing the City of Tamarac's Building Department
Patrick Richardson CFM, representing the City of Tamarac's Building Department
Coleen Christie, representing the City of Tamarac's Housing Department
Elise Boston and Sue Siebert, representing the City of Tamarac's Public Information Office
Suzanne Chessner, State Farm Insurance Agent in Tamarac

Assessment of Public Information Needs

The Committee's first meeting was held on March 16, 2015. Following a brief introduction to the National Flood Insurance Program (NFIP) in general and the Program for Public Information in particular, the Committee began by assessing the community's public information needs. Some of the topics of discussion were:

- Review of existing outreach projects to date.
- Identify different target areas that would require additional outreach based on flooding or new development conditions.
- Discuss and propose future outreach programs for targeted areas in the City.

The second meeting was held on May 18, 2015. Once again the purpose of the PPI Committee was reviewed with the members. Outcome of the previous meeting proposals were discussed and new ideas were identified for future consideration. Some of these ideas were:

- Contacting the HOA Presidents and Secretaries to provide increased knowledge of floodplain protection and related topics.
- TV ticker for the City detailing all aspects of the floodplain.
- Compile a list of all the Realtors that serve Tamarac.
- Compile a list of Insurance Agents that serve Tamarac.

Information handouts were distributed to the committee for review and comments before the next meeting. The committee came up with ideas for public outreach in concert with the City programs including how they inform their respective customers on flood related outreach.

The third and final meeting of 2015 was held on September 16, 2015. The purpose of the PPI was reviewed with the members of the committee. PPI Action Plan was reviewed and items discussed were:

- Historical flood data.
- Reviewed areas within the City that are particularly flood prone.
 - Residents and businesses within the floodplain. There are a total of 4,149 buildings in the City currently located within the floodplain.
 - Residents within the repetitive loss areas. Currently the City has 4 repetitive loss properties.
- Review and approve the proposed list of outreach projects for immediate implementation.

The next meeting was scheduled for the summer of 2016.

Target Areas:

Target audience #1: Residents and businesses within the floodplain.

- The targeting of the residents and businesses that are located within the floodplain was determined to be appropriate. There are a total of 4,149 buildings in the City currently located within the floodplain. See OP 1 and 3 in page 9 of this document on Chart named Step 3, Current Outreach Projects.

Target audience #2: Residents within the Repetitive Loss Areas.

- Areas that have been subject to repetitive losses from flooding, as defined by the NFIP, need to be specially targeted for public information. A special outreach project, entailing an advisement to the property owners in these areas providing the information specified in the *2013 CRS Coordinator's Manual*. See OP 2 in page 9 of this document on Chart named Step 3, Current Outreach Projects. Copies of Letters and Documentation sent to RL areas and map of RL areas has been provided to the CRS/ISO Specialist during the site visit on June 22, 2016.

Target audience #3: The Woodlands Subdivision

- The area known as the Woodlands is a residential area that includes 2- 18 hole Golf Course within the community. The area is located at the Southwestern area of the City, bordered by Rock Island Rd. to the East, 64th Street to the West, Commercial Blvd. to the North and 44th Street to the South. This area is particularly prone to flooding. Notification of the flooding hazard to the residents in this area encourages mitigation efforts that could reduce potential property loss. See OP 1 in page 9 of this document on Chart named Step 3, Current Outreach Projects. NOTE: No repetitive loss properties are located in this area.

Messages and Outcomes

After assessing the Community's flooding information needs, the PPI Committee identified the following as priority messages for the businesses and residential community. Each topic has a desired, measurable, outcome and related message for each of the identified target audiences as shown in the Table below.

| Topic | Outcome | Related CRS Priority Message |
|---|---|---|
| 1. Know your flood hazard | Increase flood information Increase inquiries from Bldg. Dept. and Public Works | Know your flood zone, flood insurance requirements, be aware of flood hazards |
| 2. Insure your property for your flood hazard Buy a flood insurance policy | Increase the amount of flood policies through the community including Preferred Risk Policies | Flood Hazard Areas require flood insurance, low costs Preferred Risk Policies for non-flood zones Buy a flood insurance policy |

| | | |
|---|--|--|
| 3. Protect people from flood hazards | Be aware of flood areas in the community, reduce accidental drownings in flood areas | Know the flood warning signals and signs. Know evacuation routes if evacuation orders are issued |
| 4. Protect your property from the flood hazard | Increase information and projects for flood protection | Elevate utility equipment's above the BFE, During construction protect streams and storm water drains from trash and debris |
| 5. Build Responsibly Get a building permit | Obtain building permits from the Bldg. Dept. for all types of projects. Know the substantial improvement rules | All construction projects require building permits and must meet all flood requirements including zoning and building codes. |
| 6. Protect natural floodplain functions | Prevent pollution of our lakes and canals. Improve the quality of the water in our wetlands, canals and lakes | All storm drains have a no dumping sign. Maintain our public and private waterways clean. |
| 7. PPI: Hurricane Preparedness | Implement disaster preparedness plans for before and after a storm event | Reduce property loss from hurricanes and storm events by boarding up your openings, Move all equipment and furniture to a higher floor, know your evacuation route and shelters in the neighborhood |
| 8. PPI: Maintain your Storm drains | Reduce street flooding events caused by clogged stormdrains | All stormdrains have a "No Dumping Sign" attached to them, Do not dump trash or debris in the stormdrains, keep them clear of obstructions |
| 9. PPI: Flood Education | Teach residents about flooding, flood insurance and flood hazards | Prevent damages to property, attend informational training provided by staff related to Protection of property before and after a storm event, flood insurance and flood protection |
| 10. PPI: Know how to access post-storm services | Increase utilization of post-storm services | Code Red awareness available to all residents via water bill, city's website, Bldg. Dept. website and brochures that provide information related to after the storm services are available at City Hall, Community Center and Public Library |

Pre Storm/Hurricane Events:

June 1st of every year is the beginning of Hurricane Season. Before the start of the Hurricane Season, the Building Dept. has pre-storm event meetings with the Code Enforcement Officers and Building Inspectors and go over the messages that are to be provided to all residents and business owners before, and during hurricane season to educate them on how to protect their properties from flooding and damages related to a storm event.

The title of these messages is:

- Hurricane Preparedness and Response Guide (2 pages)
- Hurricane Survival, Saving Lives & Minimizing Damage—Is your Community Prepared? (6 pages)
- Hurricane Preparations and Precautions (1 page)
- Remember (1 page)

These flyers are distributed to all residents and business owners on a daily basis during hurricane season by all Building and Code Inspectors on their daily visits to different properties through the City, it is also provided to all attendees at Neighborhood Meetings, Home Owner's Association meetings, and they are provided to new residents on their welcome package when they open a new water account at City Hall, they are available in the lobby waiting area of the Building Department, and at a display area that is available to all visitors at City Hall.

Action Plan

1. Update Outreach Brochures by the PIO and Building Dept. on a bi-annual basis.
2. Update the Flood Information on the City's Web page by the IT and Building Dept. on a monthly basis.
3. Create New Brochures by the PIO and the Building Dept. as necessary.
4. Chamber Web pages updates by the Chamber of Commerce and the Building Dept. on a quarterly basis.
5. Distribute Tamarac Flood Brochures on Newsletter by the PIO and the Building Dept. bi-annually or as required.
6. Distribute South Florida Water Management District brochures by the Building Dept. bi-annually or as required.
7. Provide literature and brochures by the Building Dept. at the Hurricane Expo annually and during hurricane season. June 1st thru November 30th
8. Review and revise the PPI Action Plan annually by the PPI Committee.
9. Real Estate agents provide information on flood insurance and flooding and provide related brochures to prospective home buyers.

Implementation, Monitoring and Evaluation

The various agencies listed in our Action Plan will work to implement the projects included in the PPI. The CRS Coordinator who is also the Flood Plain Manager will monitor the projects as they are developed, as well as their results.

The CRS Coordinator will record inputs from the PPI Committee members, suggestions from City staff and stake holders participating in the activities.

The PPI Committee will meet at least once each year to review the implementation of these projects and initiatives. At that time, the status of the projects will be explained and progress toward the outcomes will be discussed. The Committee will recommend to the CRS Coordinator and the stakeholders who implement projects whether the projects should be changed or discontinued.

At least once a year, staff will draft an update to the Action Plan and send it to the Committee members. The Committee will meet and review the outcomes of each individual activity to change, add, delete or approve them. The Action Plan will be revised accordingly. The outcomes and revisions will be submitted as part of the City's annual re-certification package to the Community Rating System.

The annual evaluation report will be sent to the City Commission.

Step 4: Identify outreach projects to convey messages

The Chart shown on page 8 of this document is an expanded copy of the previously submitted Exhibit A Named - Proposed Outreach Programs.

This chart provides additional information related to "Who is responsible for each project" and "When are those projects implemented and how many times a year are they done"

NOTE: SEE CHART NO. 3 CURRENT OUTREACH PROJECTS ON Page 13

Step 5: Other Public Information Initiatives

333 - Flood Response Preparations:

Flood response and procedures are prepared, reviewed, and updated each year. The outreach projects are implemented when a flood or a storm event is imminent. At that time, materials would be reproduced and distributed, messages disseminated, and notices posted on doors, provided to residents and businesses and contractors through the City.

The FRP's are closely coordinated with the City of Tamarac Emergency Manager.

Flood Response Preparations

| Project Name | Project Description | Responsibility for Project | Topics | Outreach Group | Desired Outcome | When implemented and how often |
|---------------------------------|------------------------------------|---------------------------------|---|-----------------------------------|---|---|
| Contractors Guide (after event) | Flyers distributed after an event. | Building Department (all staff) | Flood hazards, personal and property precautions and resources for recovery | Contractors | Be safe, lessen damage after the event, get permits! | After event field personnel give flyer to all contractors encountered. Clerks provide to all contractors visiting the Building Dept. Also on website. |
| Homeowners Guide (after event) | Flyers distributed after an event. | Building Department (all staff) | Flood hazards, personal and property precautions and resources for recovery | Homeowners And Condo Associations | Hazards, insurance and safety tips. Also resources for help in recovery and to get permits! | After event field personnel give flyer to all residential properties with damage, encountered. Also on website. |
| Business Guide (after event) | Flyers distributed after an event. | Building Department (all staff) | Flood hazards, personal and property precautions and resources for recovery | Business Owners | Hazards, insurance and safety tips. Also resources for help in recovery and to get permits! | After event field personnel give flyers to all commercial properties with damage, encountered. Also on website. |
| "When disaster strikes" | USAA recovery pamphlet | Fire Department | Insurance protection and preparation | All new residents | To be prepared, buy insurance and be safety conscious! | As new residents set up utility accounts, the Fire Dept. personnel meet with the owners. |

340 - Disclosures of Flood Hazards:

Real Estate agents during discussions on the PPI committee meetings have agreed to participate in notifying other Real Estate agents in the area about notifying prospective new home buyers that are purchasing properties in the Special Flood Hazard Areas about the potential hazards in flooding and the flood insurance purchase requirements. This is part of the outreach done by Real Estate and Insurance Agents in the area to promote the importance of purchasing flood insurance in areas that are prone to be flooded.

340 - Real Estate Agents Brochure:

Real Estate Agents also are providing the City's Flood Protection brochure and handouts with all the required CRS topics shown on Activity 330 that are in our Outreach Projects to all the potential buyers of properties in the City and advising them to investigate the flood hazards for a property.

350 - WEB1 and 350 WEB2:

Our City's website, www.tamarac.org at the Flood Protection Information link takes the user to the Flood Protection Information page that shows all the topics mentioned above on the PPI document on the Chart under subtitle **Messages and Outcomes** on page 4 and 5, as required by the Outreach Projects in Activity 330 of the 2013 CRS Coordinator's Manual.

360 - Property Protection Advice and Property Protection Advise after a site Visit:

The City's Engineering Dept. has 6 Engineers that are available to provide one on one advice about property protection such as retrofitting techniques and drainage improvements. They are also available to discuss financial assistance programs offered by FEMA or/and what part of their flood insurance policies that may be used to mitigate some of the flood losses.

This program is one of our Outreach Projects documented and credited in the annual CRS certification under Activity 330 of the 2013 CRS Coordinator's Manual. All related documentation showing Engineer's qualifications, dates of visits to properties, outcome, etc. for the past 5 years was provided to the ISO/CRS Specialist during the site visit on June 22, 2016.

The Building Dept. sends informational letters to all the repetitive loss and surrounding addresses on an annual basis advising residents and businesses owners of their flood risk and how to mitigate it. We offer information on flood hazards, insuring for flood hazards, protecting people from the hazards and how to build responsibly. Ways to protect property from flood damage and how the City can provide a site visit and provide advice on financial assistance programs that may be available.

370 - Flood Insurance Promotion:

Members of the Building Dept. Staff, the Chief Building Official and the Assistant Building Official who are both CFM's, provide presentations on a monthly basis to Home Owners Association (HOA) meetings and speak to attendees about the importance of having flood insurance and insuring their properties.

For those communities that are not in the SFHA, staff also speaks about the importance and benefits of having a low cost Preferred Risk Policy.

Staff has handouts and brochures that talk about these topics available to provide attendees and residents if requested.

Staff is also invited to speak at Chamber of Commerce monthly meetings, local neighborhood meetings and at presentations provided to the elected officials done through the year. During these events and presentations, staff will promote flood insurance and advise residents and attendees on how to reduce their rates, the importance of insuring their properties and obtaining flood insurance.

Staff has handouts and brochures that talk about these topics available to provide the attendees with them if requested.

All our outreach projects provide informational material related to the importance of having flood insurance.

540 - Drainage System Maintenance:

The City of Tamarac has a very extensive and regulated Drainage System Maintenance that it is in compliance with Environmental and Historic Preservation Requirements as required in Section 541.b(4) in the 2013 CRS Coordinator's Manual.

All documentations and reports meet the Standard Operating Procedures for NPDES MS4 Permit Section VII Part III Component A.I. Structural Controls and Stormwater Collection System Operations.

The Stormwater & Waterways brochure include topics such as:

- Stormwater Management
- Water Quality and Water Pollution Mitigation
- Aquatic Vegetation
- Stream Dumping Regulations and
- What can Residents do to Help?

This brochure and others are available at display areas for the public to take at City Hall, Public Library, lobby areas in the Bldg. Dept., Engineering Dept., Community Center and all Public Buildings.

All the documentation mentioned above was also provided to the CRS/ISO Specialist during the site visit on June 22, 2016 in compliance with the requirements of Activity 540 of the CRS Coordinator's Manual.

Data and Demographics

Tamarac is geographically located in Northwestern Broward County, Florida. It is bordered by the C-14 Canal on the North, the Sawgrass Expressway and the Everglades on the West, and the City of Sunrise and the C-13 Canal on the South.

The City is twelve (12) square miles in area and extends 8.4 miles East and West 3.5 miles North and South.

Tamarac has 242 miles of roads and 1.31 square miles of canals, lakes and other waterways.

Tamarac has also 493 acres of Conservation Land and Green Space Sites that includes, Community Parks, Natural Preserves, Golf Courses, and Wildlife Preserves. Of Tamarac's 12 square miles of area, 5.15 square miles are located in the Special Flood Hazard Area (SFHA).

Tamarac has a population of 61,270. There are 29,732 residential buildings. Of the residential units there are 15,611 single family and 14,121 multifamily units. The City has 9 critical facilities, including one privately owned hospital. There are 3 County run schools in Tamarac used as shelters and 5 privately owned Limited Care Facilities.

Flood Insurance Information-Tamarac is Current a CRS Class 6

| | Total | SFHA | X-STD | PRP |
|--------------------------|--------------|-------------|--------------|------------|
| Policies in Force | 8,220 | 6,773 | 138 | 1,309 |
| Premium | \$2,628,973 | \$2,132,446 | \$51,417 | \$445,110 |
| Average Premium | \$320 | \$315 | \$373 | \$340 |

Implementation, Monitoring and Evaluation

The various agencies listed in our Action Plan will work to implement the projects included in the PPI. The CRS Coordinator will monitor the projects as they are developed, as well as their results. The CRS Coordinator will record inputs from the PPI Committee members, suggestions from City staff and stake holders participating in the activities.

The PPI Committee will meet at least once each year to review the implementation of these projects and initiatives. At that time, the status of the projects will be explained and progress toward the outcomes will be discussed. The Committee will recommend to the CRS Coordinator and the stakeholders who implement projects whether the projects should be changed or discontinued.

At least once a year, staff will draft an update to the Action Plan and send it to the Committee members. The Committee will meet and review the outcomes of each individual activity to change, add, delete or approve them. The Action Plan will be revised accordingly. The outcomes and revisions will be submitted as part of the City's annual re-certification package to the Community Rating System.

Adoption

This program will become effective when it is adopted by the City Commission, which is anticipated by September 2016.

3. CURRENT OUTREACH PROJECTS

| PROJECT NAME | PROJECT DESCRIPTION | RESPONSIBILITY FOR EACH PROJECT | TOPICS | OUTREACH GROUP | DESIRED OUTCOME | WHEN IS PROJECT IMPLEMENTED and HOW MANY TIMES A YEAR |
|--|---|--|--|---|---|--|
| Flood Brochure Mailer | Mailed to all citizens to educate all aspects of floodplain | Bldg. Dept Staff (Flood Plain Managers) Public Information Office | Flood hazards, insurance, natural floodway functions, personal and property protection | Homeowners & Businesses | Protect structures insure structures | Brochure is mailed in City's newsletter to all properties in May/June every year |
| Flood Brochure Mailer | Mailed to properties in and around repetitive loss areas | Bldg. Dept Staff (Flood Plain Managers) in conjunction with the City's printer | Flood history, flood hazards, insurance, natural floodway functions, personal and property protection | Repetitive loss properties | Greater understanding of flooding history and importance of insurance | Brochure is mailed in the City's newsletter to all the addresses surrounding the repetitive loss areas in the City, October/Sept. every year |
| HOA Outreach Meetings | Solicit and attend HOA meetings | Flood Plain Managers | Flood hazards, insurance importance, personal and property protection | HOA members | Increased flood plain knowledge | At least once a month, sometimes 2 or 3 times a month to different HOA's |
| Brochures Building Department Lobby | General flood information | These are reviewed and approved by the PPI, Bldg. Dept. Staff and PIO | Flood history, flood hazards, insurance, natural floodway functions, personal and property protection | Homeowners and Construction Professionals | Increased flood plain knowledge | These brochures are placed on an as needed basis, checked once a week. |
| X Zone Determinations | Community letters for property owners not in flood zone. | Flood Plain Managers at Building Dept. | Flood hazards and preferred risk insurance policies | Construction Professionals | Increased map inquires and insurance | Done on an as needed basis when requested by residents. |
| Website Pages | Information, links, and research flood related | Bldg. Dept. Staff (Flood Plain Managers) IT Dept. | Flood history, flood hazards, insurance, natural floodway functions, personal and property protection & build responsibility | Property owners & outside agencies | In-depth knowledge and links | Website is reviewed on a monthly basis and revised as needed. |
| Permit Classes | Open invite for monthly classes | Building Inspector and Flood Plain Manager | Flood hazards, personal property protection | All public including contractors | Increased flood plain knowledge | Classes are done every third Wednesday of every month at 10 am in the Bldg. Det. |
| Tamarac University | Annual Classes by application | Flood Plain Managers (Building Official and Assistant BO) | Flood hazards, insurance, personal and property protection & build responsibility | Community Leaders | Increased flood plain hazards & insurance knowledge | This Program is administered once a year usually March and April. |
| DRAINAGE SIGNS | Culvert labels | Public Works Staff | Protect natural floodplain functions | General Public | Decrease improper dumping | Labels are checked every month and replaced as needed. |
| Flood Map Determination | Community letter with flood zone determination | Flood Plain Managers at Bldg. Dept. | Flood hazards, build responsibility & insure your property | Property owners | Increased map inquires and insurance | Done on an as needed basis when requested by residents. |
| Stormwater & Waterway Guide | Brochure about water drainage | Bldg. Dept. Staff | Maintenance, pollution and mitigation | All Tamarac Properties | Awareness and action to maintain waterways | These brochures are placed at City Hall on an as needed basis, checked once a week. |
| "Splash" SFWM Brochure | Water management | Bldg. Dept. Staff | flood prevention | Tamarac Residents and Businesses | Increase Flood Prevention Knowledge | These brochures are placed at City Hall on an as needed basis, checked once a week. |
| TAM A GRAM City's Newsletter | Seasonal Articles | Bldg. Dept. Staff and PIO | Flood Hazards and Insurance needs | All Tamarac Residents | Increase flood awareness, insurance and protection | This newsletter is mailed to all businesses and residents in the City on a quarterly basis. |
| Chamber of Commerce emailed buletin | Quarterly Articles | Bldg. Dept. Staff Chamber of Commerce Staff | History, Insurance and Prevention | Tamarac Business Owners | Increase flood awareness, insurance and protection | These articles are sent out by the Chamber of Commerce on a quarterly basis |
| Map Search | Realtime map search for property flood zones | Flood Plain Managers at Bldg. Dept. | Flood hazards and Insurance requirements | Tamarac Residents and Businesses | Flood zone and insurance knowledge | Done on an as needed basis when requested by residents. |



Title - TR12840 - 3 Year Renewal Option and Execution of Agreement for Office Supplies with Office Depot, INC.

A Resolution of the City Commission of the City of Tamarac, Florida, authorizing the appropriate City Officials to exercise a three (3) year renewal option and to execute Agreement Amendment #1 for office supply needs with Office Depot, Inc. on behalf of the Southeast Florida Governmental Purchasing Cooperative, for the period of October 18, 2016 through October 17, 2019; and authorizing the appropriate City Officials to execute a Principal Procurement Agency Certificate and negotiate and execute a Rebate Agreement with the National Intergovernmental Purchasing Alliance Consortium (National IPA) in the event that Office Depot, Inc. and the City mutually determine to utilize the City of Tamarac Agreement as the primary agreement for office supplies provided by National IPA to its members in the United States and other countries; providing for conflicts; providing for severability; and providing for an effective date.

Commission District(s):

Citywide

ATTACHMENTS:

| Description | Upload Date | Type |
|--|-------------|------------|
| ❑ TR12840 Memo | 9/21/2016 | Cover Memo |
| ❑ TR12840 Resolution Revised | 9/21/2016 | Resolution |
| ❑ TR12840 Exhibit 1 State of Florida Office Supply Agreement Ext. Notice | 9/13/2016 | Exhibit |
| ❑ TR12840 - Exhibit 2 Revised | 9/22/2016 | Exhibit |
| ❑ TR12840 Exhibit 3 PPA Cert | 9/13/2016 | Exhibit |
| ❑ TR12840 Exhibit 4 PPA Rebate Agreement | 9/13/2016 | Exhibit |

CITY OF TAMARAC
INTEROFFICE MEMORANDUM
FINANCIAL SERVICES DEPARTMENT

**TO: Michael C. Cernech, City
Manager**

DATE: August 30, 2016

THROUGH Mark Mason 
Director of Financial Services

FROM: Keith K. Glatz 
**Purchasing & Contracts
Manager**

**RE: Temp. Reso. #12840 Office
Supplies**

Recommendation:

Execute Agreement Amendment #1 to exercise the three (3) year renewal option for the City's Agreement with Office Depot, Inc. to provide Office Supplies to the City, and the members of the Southeast Florida Governmental Purchasing Cooperative (Co-Op) for the period October 18, 2016 through October 17, 2019.

Issue:

The current Office Supply Agreement with Office Depot, Inc. has a contract renewal option for its existing Agreement for them to provide Office Supplies to the City and the members of the Co-Op, for a three (3) year period, for an estimated value of \$70,000 for the City, and an aggregate value of \$2 million for the entire Co-Op.

Background:

The Current Office Supply Agreement with Office Depot is set to expire on October 17, 2016. The City of Tamarac acts as the lead agency for the Co-Op for the procurement of office supplies. The City Commission awarded a three (3) year agreement to Office Depot, Inc. through Resolution #R-2013-110 at its October 9, 2013 meeting based on the Office Depot response to the City's Request for Proposal #13-23R for office supplies. The current Agreement provides for an option to renew the Agreement on a one-time basis for a three (3) year period, based on satisfactory performance by Office Depot. The Co-Op was recently polled and expressed support of exercising the three (3) year renewal option.

Originally, Office Depot, Inc. responded with two (2) separate proposals to the City. The first response was a custom priced proposal which provided a primary pricing schedule, and the second response was proposed using pricing available on State of Florida Term Contract #618-000-11-1. The original Evaluation Committee first determined that the Proposals submitted by Office Depot provided the most advantageous, best value response to the City's and the Co-Op's requirements. The City eventually awarded the contract to Office Depot, Inc. with the primary pricing schedule; however, the City was allowed to use the State of Florida pricing available on the aforementioned State of Florida Term Contract, as long as the term contract was in place. The contract provides that in the event that the State of Florida Agreement is no longer in place, or is no longer the most advantageous to the City and the Co-Op, we would revert back to the primary pricing schedule. The State of Florida pricing has been the most advantageous during the original three (3) year term of the Agreement.

The State of Florida Agreement was originally set to expire on October 17, 2016, which also is the anniversary date of this Agreement. The State, however, is in the process of preparing a new solicitation, and has extended their State of Florida Agreement through April 17, 2017 to allow adequate time to solicit a new contract. The renewal option has been set-up to provide that the City and Co-Op will once again be able to use the State of Florida pricing if it has the most advantageous pricing. Recently, however, Office Depot has learned that the State of Florida will likely be changing

the model for their Term Agreement to require office supply firms to bid on a pre-set list of products and/or a much more narrowly focused list in order to promote product standardization. While standardization is definitely desirable for volume pricing, the original Co-Op Evaluation team placed great emphasis on the wide variety of items available from the Co-Op's office supply provider. A reduction in the number of items would be a counter-productive for Co-Op members who have placed a great deal of importance on a wide variety of items.

The State of Florida Agreement is currently used by Office Depot as a vehicle for dissemination of national pricing through the National Intergovernmental Purchasing Alliance consortium (National IPA). Office Depot officials have asked that we open our Agreement for use by the National IPA for use by their members across the United States, and in other countries. Accordingly, Agreement Amendment #1 has been structured to allow the City and the Co-Op to use the most advantageous pricing, whether it be the State of Florida Agreement or a more heavily discounted primary pricing model. The Agreement Amendment is structured to require that Office Depot provide additional discounts to the primary pricing schedule that will provide pricing equal or similar to the current pricing structure offered to the State of Florida, yet allowing for the purchase of numerous additional line items at similarly discounted pricing. This option would be put into place if Office Depot and the City mutually agree to make our agreement available for use by the National IPA.

Additionally, as the lead agency for the procurement, the City would be eligible to receive a rebate stipend payment from the National IPA consortium, which is a percentage of the sales on their national sales. While we do not have specific factors, current revenue projections have valued the commission revenue in the \$60,000 to \$80,000 range annually for the use of their Agreement. Tamarac would be the benefactor of this lead agency benefit. The City would be required to sign a Principal Procurement Agency Certificate, as well as a Rebate Agreement, with the final percentage rebate factor to be negotiated by staff. It is recommended that the negotiation and execution of these two (2) documents for National IPA be delegated to the City Manager upon any final agreement between the City and Office Depot to use the primary pricing option.

Fiscal Impact:

Pricing on the new Agreement is fairly similar to the current pricing being paid by the City and the Co-Op. It is anticipated that the City will expend approximately \$70,000 annually. Each City department is funded for office supply expenditures. The City has been using this pricing structure for the past three (3) years, and as such, there will be no anticipated changes to the current cost of office supplies for the City. In the event, however, that Office Depot and the National IPA Consortium elect to utilize the City's Agreement as their national pricing vehicle, the City could receive a rebate stipend in the range of \$60,000 to \$80,000, which would be deposited to a general fund account.

CITY OF TAMARAC, FLORIDA

RESOLUTION NO. R-2016-_____

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA, APPROVING AGREEMENT AMENDMENT #1 AND EXERCISING A THREE (3) YEAR RENEWAL OPTION; AND AUTHORIZING THE APPROPRIATE CITY OFFICIALS TO EXECUTE AGREEMENT AMENDMENT #1 FOR OFFICE SUPPLY NEEDS WITH OFFICE DEPOT, INC. ON BEHALF OF THE SOUTHEAST FLORIDA GOVERNMENTAL PURCHASING COOPERATIVE, FOR THE PERIOD OF OCTOBER 18, 2016 THROUGH OCTOBER 17, 2019; AND AUTHORIZING THE APPROPRIATE CITY OFFICIALS TO EXECUTE A PRINCIPAL PROCUREMENT AGENCY CERTIFICATE AND NEGOTIATE AND EXECUTE A REBATE AGREEMENT WITH THE NATIONAL INTERGOVERNMENTAL PURCHASING ALLIANCE CONSORTIUM (NATIONAL IPA) IN THE EVENT THAT OFFICE DEPOT, INC. AND THE CITY MUTUALLY DETERMINE TO UTILIZE THE CITY OF TAMARAC AGREEMENT AS THE PRIMARY AGREEMENT FOR OFFICE SUPPLIES PROVIDED BY NATIONAL IPA TO ITS MEMBERS IN THE UNITED STATES AND OTHER COUNTRIES; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Tamarac has a need to purchase office supplies to support all City operations; and

WHEREAS, the utilization of a term contract agreement provides for volume savings through quantity discounts; and

WHEREAS, the City of Tamarac served as the "lead agency" for the Southeast Florida Governmental Purchasing Cooperative for the purchase of office supply needs; and

WHEREAS, twenty-six (26) governmental agencies within the Southeast Florida Governmental Purchasing Cooperative are eligible to utilize this agreement for the purchase of approximately \$2.1 million in office supplies; and

WHEREAS, the City of Tamarac formally advertised and issued Request for Proposal # 13-23R in order to obtain pricing and service capability information for vendors in the office supply marketplace, and as a result of the evaluation of the responding proposals, the City Commission of the City of Tamarac awarded the proposal and authorized the City to enter into an Agreement with Office Depot, Inc. via Resolution R-2013-110 at its meeting of October 9, 2013, a copy of said resolution is on file in the Office of the City Clerk; and

WHEREAS, the original Agreement provides the option for the City to renew the original Agreement for a period of three (3) years based on satisfactory performance by the Contractor; and

WHEREAS, Office Depot, Inc. has performed successfully for the City and for the members of the Southeast Florida Governmental Purchasing Cooperative; and

WHEREAS, the City and members of the Southeast Florida Governmental Purchasing Cooperative desire to exercise the three (3) year renewal option with Office Depot, Inc.; and

WHEREAS, the current Agreement with Office Depot, Inc. includes both a primary pricing schedule and pricing awarded by the State of Florida on its Term Contract #618-000-11-1, in place through October 17, 2017 with the provision that City and the Southeast Florida Governmental Purchasing Cooperative may use the most advantageous pricing during the term of the Agreement; and

WHEREAS, the pricing provided under the State of Florida Term Contract #618-000-11-1 has been the most advantageous to the City and to the Southeast Florida Governmental Purchasing Cooperative during the original term of the Agreement; and

WHEREAS, the State of Florida has extended its Term Contract #618-000-11-1 through April 17, 2017, a copy of the current extension notice is included herein as Exhibit "1"; and

WHEREAS, the State of Florida is in the process of developing and issuing a new solicitation for a State Term Contract for Office Supplies; and

WHEREAS, in addition to the primary pricing schedule, Office Depot, Inc. has agreed to allow the City and the Southeast Florida Governmental Purchasing Cooperative to use pricing from either a new State of Florida Agreement after April 17, 2017, or pricing from the other primary pricing schedule whichever is the most advantageous to the City and the Southeast Florida Governmental Purchasing Cooperative as indicated in Agreement Amendment #1, included herein as Exhibit "2"; and

WHEREAS, Office Depot, Inc. has agreed to provide additional discounts as agreed to by the City and the members of the Southeast Florida Government

Purchasing Cooperative, to the current primary pricing schedule as originally bid by Office Depot, Inc. on the City's Request for Proposal 13-23R to lower and generally match State of Florida pricing as indicated in Agreement Amendment #1, included herein as Exhibit "2" ; and

WHEREAS, the National Intergovernmental Purchasing Alliance (National IPA), a national consortium, desires to potentially utilize the City's primary pricing schedule with Office Depot, Inc. as their primary national pricing model available to its members in the United States and other countries, with the City acting as the lead agency for National IPA; and

WHEREAS, the use of the Office Depot, Inc. primary pricing schedule will provide the City, the Southeast Florida Governmental Purchasing Cooperative and other agency members of National IPA with additional office supply items not available on the State of Florida Agreement with pricing discounted similar or equal to the State of Florida price discounts; and

WHEREAS, as the lead agency for the agreement, National IPA will pay the City a rebate based on contract use by their membership, an amount which has varied in recent years in the estimated range of \$60,000 and \$80,000; and

WHEREAS, if it is mutually determined by Office Depot, Inc. and the City to move forward with the primary pricing schedule, the City will be required to execute a Primary Procurement Agency Certificate and negotiate and execute a Rebate Agreement with National IPA for the same term as the Office Depot, Inc. Agreement, a copy of said documents are included herein as Exhibit "3" and Exhibit "4" respectively; and

WHEREAS, sufficient funds are available from all Departments' Operating funds; and

WHEREAS, the City Commission of the City of Tamarac finds it to be in the best interest of the City of Tamarac to approve the terms of Agreement Amendment #1 and authorize the three (3) year renewal option for the current Office Depot, Inc. Agreement originally awarded under RFP 13-23R, and to authorize the appropriate City Officials to execute Agreement Amendment #1, included herein as Exhibit "2", with Office Depot, Inc. for the purchase of Office Supplies by the City and members of the Southeast Florida Governmental Purchasing Cooperative, and to furthermore authorize the appropriate City Officials to execute the National IPA Principal Procurement Agency Certificate and negotiate and execute the Rebate Agreement with National IPA that matches the term of the renewal option stated in herein for Office Depot, Inc., included herein as Exhibit "3" and Exhibit "4" respectively to allow National IPA to utilize the City of Tamarac Agreement with Office Depot, Inc. if it is mutually determined by Office Depot, Inc. and the City to move forward with the primary pricing schedule.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA THAT:

SECTION 1: The foregoing "WHEREAS" clauses are HEREBY ratified and confirmed as being true and correct and are hereby made a specific part of

this Resolution upon adoption hereof and all exhibits referenced and attached hereto are incorporated herein and made a specific part of this resolution.

SECTION 2: The City Commission of the City of Tamarac approves the terms of Agreement Amendment #1 and authorizes the three (3) year renewal option for the current Office Depot, Inc. Agreement originally awarded under RFP 13-23R, and authorizes the appropriate City Officials to execute Agreement Amendment #1, with Office Depot, Inc., a copy of said Agreement is included herein as Exhibit "2", for the period of October 18, 2016 through October 17, 2019.

SECTION 3: The appropriate City officials are hereby authorized to execute the Principal Procurement Agency Certificate and negotiate and execute the Rebate Agreement with the National IPA cooperative, included herein as Exhibit "3" and Exhibit "4" respectively, in the event that it is mutually determined that Office Depot, Inc. and the City desire to use the City of Tamarac Agreement as the primary Office Supply Agreement for National IPA.

SECTION 4: All resolutions or parts of resolutions in conflict herewith are HEREBY repealed to the extent of such conflict.

SECTION 5: If any clause, section, other part or application of this Resolution is held by any court of competent jurisdiction to be unconstitutional or invalid, in part or application, it shall not affect the validity of the remaining portions or applications of this Resolution.

SECTION 6: This Resolution shall become effective immediately upon its passage and adoption.

PASSED, ADOPTED AND APPROVED this _____ day of _____ 2016.

HARRY DRESSLER
MAYOR

ATTEST:

PATRICIA A. TEUFEL, CMC
CITY CLERK

RECORD OF COMMISSION VOTE:

| | |
|------------------------|-------|
| MAYOR DRESSLER | _____ |
| DIST 1: COMM. BUSHNELL | _____ |
| DIST 2: COMM. GOMEZ | _____ |
| DIST 3: V/M GLASSER | _____ |
| DIST 4: COMM. PLACKO | _____ |

I HEREBY CERTIFY that I
Have approved this
RESOLUTION as to form.

SAMUEL S. GOREN
CITY ATTORNEY

AMENDMENT NO.: 5

Office and Educational Consumables
State Term Contract No.: 618-000-11-1

This Amendment No. 5 ("Amendment"), effective as of October 18, 2016, to the State Term Contract No. 618-000-11-1 ("Contract"), between the **State of Florida, Department of Management Services** ("Department") and **[Contractor name]** ("Contractor") are collectively referred to herein as the "Parties." All capitalized terms used herein shall have the meaning assigned to them in the Contract, unless otherwise defined herein.

WHEREAS the Department awarded the above referenced Contract for the provision of Office and Educational Consumables, pursuant to Contract No. 618-000-11-1; and

WHEREAS the Contract became effective on October 18, 2010 to continue through October 17, 2013 pursuant to sections 5.0 and 6.0 of the Contract; and

WHEREAS the Contract was subsequently renewed pursuant to section 7.0 of the Contract until October 17, 2016; and

WHEREAS the Parties agree that the Contract may be amended by mutual agreement as provided in section 4.42 "Modification of Terms" of the incorporated General Contract Conditions of the Contract; and

WHEREAS the Parties agree to extend the Contract as provided in section 287.057(12), Florida Statutes for a period of six (6) months, effective October 18, 2016. This extension shall be terminated on April 17, 2017 or upon the execution of a new contract for Office and Educational Consumables, whichever occurs first.

THEREFORE, in consideration of the mutual promises contained below, and other good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, the Parties agree to the following:

I. Contract Amendment.

- a. As a result of a scrivener's error in Amendment #4 to Contract No. 618-000-11-1, the Amendment #4 to the Contract is being amended to renumber sections 5.14 and 5.15 to sections 12.0 and 13.0.
- b. The Contract is further amended to add the following section 14.0 of the Contract:

14.0 COOPERATION WITH THE INSPECTOR GENERAL

Pursuant to section 255.055(5), Florida Statutes, contractor and any subcontractors understand and will comply with their duty to cooperate with the inspector general in any investigation, audit, inspection, review, or hearing.

II. Contract Extension. Pursuant to section 287.057(12), Florida Statutes, the State Term Contract No. 618-000-11-1 is extended for a period of six (6) months at the same terms and conditions, with a new contract expiration date of April 17, 2017 or upon the execution of a new contract for Office and Educational Consumables, whichever occurs first.

AMENDMENT NO.: 5
Office and Educational Consumables
State Term Contract No.: 618-000-11-1

III. Conflict. To the extent any of the terms of this Amendment conflict with the terms of the Contract, the terms of this Amendment shall control.

IV. Warrant of Authority. Each person signing this Amendment warrants that he or she is duly authorized to do so and to bind the respective party.

V. Effect. Unless otherwise modified by this Amendment, all terms and conditions contained in the Contract shall continue in full force and effect.

**State of Florida,
Department of Management Services**

**Contractor:
[Contractor Name]**

By: _____
Name: Ben Wolf
Title: Chief of Staff
Date:

By: _____
Name:
Title:
Date:

EXECUTION COPY

**AGREEMENT AMENDMENT #1
BETWEEN THE CITY OF TAMARAC
AND
OFFICE DEPOT, INC.**

The City of Tamarac, a municipal corporation, with principal offices located at 7525 NW 88th Avenue, Tamarac, FL 33321 ("City"), and Office Depot Inc., a Delaware corporation, duly registered as a Florida Foreign Corporation, with principal offices located at 6600 Military Trail, Boca Raton, FL 33496 (the "Contractor") agree to amend the original Agreement dated October 18, 2013, to provide for office supplies pursuant to Request for Proposal Number 13-23R, as of October 18, 2016 (the "Amendment 1 Effective Date").

WHEREAS, the City and the Contractor entered into an Agreement dated October 18, 2013, awarded as a result of RFP 13-23R, entitled Office Supplies, issued on behalf of the Southeast Florida Governmental Purchasing Cooperative (the "Agreement");

WHEREAS, both parties wish to amend the original Agreement dated October 18, 2013; said amendment to include a three (3) year renewal term; and

WHEREAS, the Contractor represents that it is currently capable of continuing to provide the necessary quantities of office supplies to the City and the Southeast Florida Governmental Purchasing Cooperative; and

NOW, THEREFORE, in consideration of the promises contained herein, the parties hereto agree to further amend the original agreement as follows:

1. 4) Contract Term and Renewal

Pursuant to the terms of Section 4, Contract Term and Renewal of the original Agreement dated October 18, 2013, between the City and Office Depot, Inc. and in recognition of satisfactory performance under the current term of the Agreement, the CITY hereby exercises its rights to exercise the three (3) year renewal option of the Agreement for the term October 18, 2016 through October 17, 2019, and Contractor agrees to such renewal.

This Agreement Renewal shall be effective October 18, 2016, for a period of 3 years, through October 17, 2019. In the event that an Agreement is not in place as of the termination date of this Agreement, the Agreement shall remain in effect on a month-to-month basis until terminated, but for not longer than six (6) months following the October 17, 2019 termination date

2. The following new sections shall be added to the Agreement:

"21. The Contractor and the City shall extend this Agreement to other public sector entities ("entities") within the State of Florida, including, but not limited to, agencies, school districts, universities, community colleges, counties, cities, towns, villages, and special districts. Purchases may be made under the terms and conditions of this Agreement by governmental and educational entities located outside the State of Florida.

22. In the event the City (also referred to as "Principal Procurement Agency" in material provided by National IPA) and Contractor partner with National Intergovernmental Purchasing Alliance Company ("National IPA") to offer the Agreement (also referred to as the "Master Agreement" in material distributed by National IPA) on a national basis to public agencies who register with National IPA ("Participating Agencies"). Participating Agencies that choose to access the Agreement via their participation with National IPA do not need to register with the Southeast Florida Governmental Purchasing Cooperative.

23. The Contractor shall obtain a third party firm (to be approved by the City) at no additional cost to the City to conduct external price audits for the Agreement. The third party firm will

perform a quarterly audit with a minimum of 500 items to confirm the accuracy of the discount from list price and final sell price. Specifically, the third party firm will verify that the prices offered to the City under the Agreement which are displayed on the Contractor's website are less than or equal to the discounts offered in the Agreement. The third party firm shall submit a quarterly report to the City confirming the "Price Accuracy Rate" within 15 days after the close of each quarter. The "Price Accuracy Rate" shall be calculated using the following formula: Price Accuracy Rate = the number of audited items each quarter where the net price is less than or equal to the Agreement price, divided by the number of audited items (Example: 490 items priced at or below the approved Agreement price/500 items audited = 98.0% pricing accuracy). The Contractor shall maintain a Price Accuracy Rate of 98% or greater.

At a minimum, the quarterly report will identify items not in compliance with the Agreement terms, provide the date of the audit, and screenshots of the items on the Contractor's website that were not in compliance with the Agreement terms. If the City deems it is in the best interest of the City, the City reserves the right to increase the frequency of the Third Party Audit."

3. Attachment A shall be deleted in its entirety and replaced with the Attachment A attached hereto.
4. Attachment A-1 shall be deleted in its entirety.

All other provisions of the Agreement shall remain in effect as written.

IN WITNESS WHEREOF, the parties have made and executed this Agreement on the respective dates under each signature. CITY OF TAMARAC, signing by and through its City Manager, and Office Depot, Inc., signing by and through its Vice President, duly authorized to execute same.

CITY OF TAMARAC

ATTEST:

Michael C. Cernech, City Manager

Patricia A. Teufel, CMC
City Clerk

Date

Date

Approved as to form and legal sufficiency:

Samuel S. Goren, City Attorney

Date

ATTEST:

Heather Stern
(Assistant Corporate Secretary)

Office Depot Inc.
Company Name

Troy Rice
Signature of President

Chief Operating Officer

HEATHER STERN
Type/Print Name of Assistant Corporate Secy.

Troy Rice
Type/Print Name

(CORPORATE SEAL)

September 22, 2016
Date

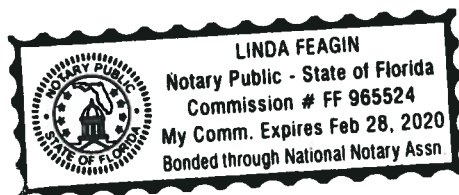


CORPORATE ACKNOWLEDGEMENT

STATE OF Florida :
 COUNTY OF Palm Beach :SS

I HEREBY CERTIFY that on this day, before me, an Officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared Troy A. Rice, the Chief Operating Officer of Office Depot Inc., a Delaware Corporation, duly registered as a Florida Foreign Corporation, to me known to be the person(s) described in and who executed the foregoing instrument and acknowledged before me that he/she executed the same.

WITNESS my hand and official seal this day of September 22 2016.



[Signature]
 Signature of Notary Public
 State of Florida at Large

Linda Feagin
 Print, Type or Stamp
 Name of Notary Public



☒ Personally known to me or
☐ Produced Identification

Type of I.D. Produced



DID take an oath, or
 DID NOT take an oath.

ATTACHMENT A Pricing

1. Contract Items. Contractor agrees to supply City a minimum 10,000 product catalog assortment as the Contract Items ("Contract Items"), at the discounts from list price set forth below. The list price on the Amendment 1 Effective Date shall mean the Quarter 3 2016 S. P. Richards list price for products. Where there is no S. P. Richards list price available, the current manufacturer's list price shall be used. If the product is a private brand product, then Contractor is considered the product manufacturer and their established, reasonable price shall be list price.

The percentage discount from list price shall remain firm for the term of the Agreement. Pricing shall remain firm for one year from the Amendment 1 Effective Date and thereafter, the Contractor may submit updated price lists for approval on a quarterly basis on January 1st, April 1st, July 1st, and October 1st of each calendar year. Such price lists updates shall go into effect following notification to City.

Sub-categories in a Product Category are attached hereto as Attachment A-1 ("Product Category and Sub-Category List").

| Product Category | <u>Name Brand</u> Products Discount from List Price | <u>Private Brand</u> Products Discount from List Price |
|---|---|--|
| Breakroom & Cleaning Supplies | 48% | 65% |
| Folders, Binders & Accessories | 71% | 71% |
| Office Consumables (Art, Educational & Envelopes) | 66% | 73% |
| Office Equipment | 39% | 43% |
| IT Peripherals | 39% | 50% |
| Paper - Other | 69% | 75% |
| Paper - White, Recycled and Virgin | 85% | 78% |
| Toner - Original Equipment Manufacturer | 50% | 65% |
| Toner - Remanufactured | 65% | 68% |

2. Technology Core List. Contractor agrees to supply those technology office products and services set forth in the list of such technology items that the parties shall agree to, and memorialize, following the Amendment 1 Effective Date (the "Technology Core List"). Prices for items on the Technology Core List will be fixed for ninety (90) day periods and updated quarterly. Those technology items that are not included as Contract Items, and which are not included in the Technology Core List, are part of this Agreement and will be priced on an individual basis.

3. Copy and Print Core List. Contractor agrees to supply those Copy and Print products and service set forth in Attachment A-2 attached hereto (the "Copy and Print Core List"). Prices for items on the Copy and Print Core List will be fixed for ninety (90) day periods and updated quarterly. Those Copy and Print services that are not included as Contract items, and which are not included in the Copy and Print Core List, are part of this Agreement and will be priced on an individual basis.

4. Non-Contract Item Pricing. Contractor may offer additional items that are not Contract Items, or included on the Technology Core List and/or the Copy and Print Core List ("Non-Contract Items"), as a convenience to Agreement users. Such Non-Contract Items shall be

available for purchase and Non-Contract Item pricing will be presented to the Customer at the point of sale or otherwise at the time of order placement.

5. Contract Items shall be clearly designated as "Contract Items" in the online catalog. Non-Contract Items shall have no designation. Individual purchasing entities may elect to exclude Non-Contract Items from the online catalog for their respective purchases.

Attachment A-1
Product Category and Sub-Category List

| Product Category | Product Sub-Categories |
|--|--|
| Breakroom & Cleaning Supplies | Hand Sanitizer, Paper Towels, Lysol Spray, Wipes, Dusters and Facial Tissue, Wastebaskets, Safety Supplies, All Wipes, Hand Soaps, Knives, Cutters, Blades and Scrapers, Computer Dust-off, Lysol, Clorox, Windex, Air Freshener, Dust Pans, Cleaning Supplies, Cups, Spoons, Forks, Plates, Bowls and Shredder bags |
| Folders, Binders & Accessories | Manila File Folders, Hanging File Folders, Fastener Folder, Classification Folders, View Binders, Ring Binders, Report Covers, Files, File Folders, Pocket Files, Portfolios, Jackets, Inserts, Folder Frames, Dividers, Wallet Files, File Guides, File Indexes, Tabs, Tab Reinforcements, and Accessories |
| Office Consumables (includes Art, Educational & Envelopes) | Adhesives, Glues, Glue sticks, Adhesive Removers Appointment Books, Phone Message Books, Statement Books, Fax Message Books, 'While You Were Out' Books, Forms, Dictionaries, Thesaurus, Diaries, Tickets, Reference Sets Archive Boxes, Cardboard Boxes, Storage Containers Award Frames, Displays, Plaques, Certificates Badges, Badge Holders, Lanyards Batteries, Chargers, Binder Clips, Paper Clips, Panel Clips, Pushpins, Thumbtacks, Safety Pins, Rubber bands, Scissors, Shears, Cutters, Trimmers, Hole Punches (non-electric) Binders, Combs, Rings, Spines Bulletin Boards, Cork Boards, Easels, Easel Pads, Poster Boards Calendars, Desk pads, Refills, Planners Calculator Ink, Calculator Spools, Adding Machine Tape, Cash Register Tape Camera Film Correction Fluid, Correction Tape, Correction Pens Erasers, Dry-Erase Erasers, Chalk, Crayons Ink Pads, Refills, Stamps Labels, Label Holders Mailing Tubes, Mailing Tubs, CD Mailers, Packaging, Fingertips, Letter Openers, Moistener Markers, Highlighters Envelopes Notebooks, Notepads, Pads of Paper, Post it Notes, Office Organizers, Inboxes, Copyholders, Pen and Pencil Holders, Drawers, Desktop Shelves, Extension Cords Pencils, Pencil Erasers, Lead Refills, Pencil Sharpeners, Pens, Pen Refills Protractors, Rulers, Yardsticks, Compasses, Engineer Triangles Index Cards, Business Cards, Card Holders, Ledgers, Tags, Sheet Protectors, Letters, Numbers, Fasteners, Fastener Bases, Clipboards, Flag Tape |

| Product Category | Product Sub-Categories |
|--|---|
| Office Consumables (includes Art, Educational & Envelopes) | Signs, Sign Holder, Flyer Holders, Racks, Literature Displays, Name Plates Staplers, Staples, Staple Removers Tape, Tape Dispensers, Embossing Tape, Velcro Products Transparency Film, Transparency Paper, Laminating Supplies, Laminating Pouches Art and Science Supplies |
| Office Equipment | Calculators, Easels, Pencil Sharpeners, Dividers, Carts, Hand Trucks, Hole Punches, Label Makers, Laminators, Shredders, Typewriters, Printers, Book Cases, Book Ends, Book Shelves, Chair mats, Clocks, Hooks, Lamps and Furniture |
| IT Peripherals | CDs, DVDs, Cassette Tapes, Tape Cartridges, CD and DVD Cases, CD and DVD Storage, VHS Tapes, Computer Disks and Diskettes, Computer Bags and Cases, Mouse, Keyboards, Keyboard Pads, Mousepads, Camera Bags, Camera Cases Headsets, Headset Accessories, Headphones Surge Protectors, UPS Power Supply USB Drives, Flash Memory, Zip Disks IT Hardware / Software |
| Paper – Other | Art Paper, Construction Paper, Crepe Paper, Colored Paper, Photo Paper, Computer Paper and Specialty Paper |
| Paper – White, Recycled & Virgin | Paper – 20# White, Recycled and Virgin Copy Paper, minimum 92 bright |
| Toner – Original Equipment Manufacturer | Original Equipment Manufacturer (OEM) - Toners, Cartridges, Fusers, Kits, Drums, Ribbons and Related Accessories Brands include but are not limited to: Hewlett Packard, Dell, Lexmark, Cannon, Brother, etc. |
| Toner – Remanufactured | Remanufactured - Toners, Cartridges, Fusers, Kits, Drums, Ribbons, and Related Accessories |

Attachment A-2
Copy and Print Core List

Office DEPOT OfficeMax

CPD Price list 7.1.15

| Item | DESCRIPTION | SUPPLIER SKU | UOM | UNIT NET PRICE | FINAL PRICE |
|------|---|--------------|-----|----------------|-------------|
| 1 | BW Full Service - Number Of Impressions | | | Retail | |
| 2 | BW SS Letter | 167060 | 1 | \$0.10 | \$0.022 |
| 3 | BW SS Legal | 167067 | 1 | \$0.10 | \$0.022 |
| 4 | BW SS Ledger | 167074 | 1 | \$0.20 | \$0.044 |
| 5 | BW DS Letter | 166955 | 1 | \$0.10 | \$0.020 |
| 6 | BW DS Legal | 167039 | 1 | \$0.10 | \$0.020 |
| 7 | BW DS Ledger | 167053 | 1 | \$0.20 | \$0.040 |
| 8 | Full Service Color Copies | | | Retail | |
| 9 | Color SS Letter | 166962 | 1 | \$0.59 | \$0.21 |
| 10 | Color SS Legal | 166990 | 1 | \$0.59 | \$0.21 |
| 11 | Color SS Ledger | 166997 | 1 | \$1.18 | \$0.42 |
| 12 | Color DS Letter | 167102 | 1 | \$0.59 | \$0.19 |
| 13 | Color DS Legal | 167109 | 1 | \$0.59 | \$0.19 |
| 14 | Color DS Ledger | 167116 | 1 | \$1.18 | \$0.38 |
| 15 | Full Bleed Color Letter | 464730 | 1 | \$0.98 | \$0.59 |
| 16 | Full Bleed Color Ledger | 464715 | 1 | \$1.00 | \$0.59 |
| 17 | Hand Place Original (Per Sheet) | 166913 | 1 | \$0.25 | \$0.15 |
| 18 | Self Service Skus - STORE ONLY | | | Retail | |
| 19 | BW SS Letter | 163061 | 1 | \$0.10 | \$0.022 |
| 20 | BW SS Legal | 162911 | 1 | \$0.10 | \$0.022 |
| 21 | BW SS Ledger | 163391 | 1 | \$0.20 | \$0.044 |
| 22 | BW DS Letter | 873905 | 1 | \$0.20 | \$0.040 |
| 23 | BW DS Legal | 873925 | 1 | \$0.20 | \$0.040 |
| 24 | BW DS Ledger | 873930 | 1 | \$0.40 | \$0.080 |
| 25 | Color SS Letter | 224111 | 1 | \$0.49 | \$0.21 |
| 26 | Color SS Legal | 224131 | 1 | \$0.49 | \$0.21 |
| 27 | Color SS Ledger | 224151 | 1 | \$0.98 | \$0.42 |
| 28 | Color DS Letter | 873940 | 1 | \$0.49 | \$0.19 |
| 29 | Color DS Legal | 873945 | 1 | \$0.49 | \$0.19 |
| 30 | Color DS Ledger | 873965 | 1 | \$0.98 | \$0.38 |
| 31 | 20 LB Pastel - Letter | | | Retail | |
| 32 | Blue | 167375 | 1 | \$0.02 | \$0.015 |
| 33 | Buff | 167382 | 1 | \$0.02 | \$0.015 |
| 34 | Goldenrod | 167396 | 1 | \$0.02 | \$0.015 |
| 35 | Gray | 167417 | 1 | \$0.02 | \$0.015 |
| 36 | Green | 167438 | 1 | \$0.02 | \$0.015 |
| 37 | Ivory | 167459 | 1 | \$0.02 | \$0.015 |
| 38 | Lilac | 167515 | 1 | \$0.02 | \$0.015 |
| 39 | Pink | 167529 | 1 | \$0.02 | \$0.015 |
| 40 | Salmon | 167543 | 1 | \$0.02 | \$0.015 |
| 41 | Yellow | 167564 | 1 | \$0.02 | \$0.015 |
| 42 | Gray | 167417 | 1 | \$0.02 | \$0.015 |
| 43 | Tan | 167557 | 1 | \$0.02 | \$0.015 |
| 44 | Cherry | 167389 | 1 | \$0.02 | \$0.015 |
| 45 | 20 LB Pastel - Letter | | | Retail | |
| 46 | Blue | 933987 | 1 | \$0.02 | \$0.015 |
| 47 | Green | 934029 | 1 | \$0.02 | \$0.015 |
| 48 | Ivory | 934036 | 1 | \$0.02 | \$0.015 |
| 49 | Pink | 933924 | 1 | \$0.02 | \$0.015 |

| | | | | | |
|-----|------------------------------|--------|---|--------|---------|
| 50 | Yellow | 933966 | 1 | \$0.02 | \$0.015 |
| 51 | 20 LB Pastel - Ledger | | | Retail | |
| 52 | Pink | 208997 | 1 | \$0.04 | \$0.030 |
| 53 | Lt. Blue | 209039 | 1 | \$0.04 | \$0.030 |
| 54 | Ivory | 209053 | 1 | \$0.04 | \$0.030 |
| 55 | Yellow | 209067 | 1 | \$0.04 | \$0.030 |
| 56 | Green | 209235 | 1 | \$0.04 | \$0.030 |
| 57 | 24 LB Pastel - Letter | | | Retail | |
| 58 | Green | 224767 | 1 | \$0.02 | \$0.015 |
| 59 | Ivory | 750627 | 1 | \$0.02 | \$0.015 |
| 60 | Lilac | 224794 | 1 | \$0.02 | \$0.015 |
| 61 | Pink | 224812 | 1 | \$0.02 | \$0.015 |
| 62 | Blue | 224830 | 1 | \$0.02 | \$0.015 |
| 63 | Yellow | 224839 | 1 | \$0.02 | \$0.015 |
| 64 | 24 LB Bright - Letter | | | Retail | |
| 65 | Cosmic Orange | 167578 | 1 | \$0.03 | \$0.023 |
| 66 | Pulsar Pink | 167690 | 1 | \$0.03 | \$0.023 |
| 67 | Gamma Green | 167613 | 1 | \$0.03 | \$0.023 |
| 68 | Lift-Off Lemon | 167620 | 1 | \$0.03 | \$0.023 |
| 69 | Lunar Blue | 167655 | 1 | \$0.03 | \$0.023 |
| 70 | Planetary Purple | 167683 | 1 | \$0.03 | \$0.023 |
| 71 | Re-Entry Red | 167697 | 1 | \$0.03 | \$0.023 |
| 72 | Galaxy Gold | 750789 | 1 | \$0.03 | \$0.023 |
| 73 | Solar Yellow | 167753 | 1 | \$0.03 | \$0.023 |
| 74 | Lime Green | 167774 | 1 | \$0.03 | \$0.023 |
| 75 | Very Violet | 167802 | 1 | \$0.03 | \$0.023 |
| 76 | Rocket Red | 750798 | 1 | \$0.03 | \$0.023 |
| 77 | Celestial Blue | 750807 | 1 | \$0.03 | \$0.023 |
| 78 | Fireball Fuchsia | 750834 | 1 | \$0.03 | \$0.023 |
| 79 | 65 LB Bright - Letter | | | Retail | |
| 80 | Cosmic Orange | 167865 | 1 | \$0.07 | \$0.053 |
| 81 | Terra Green | 167879 | 1 | \$0.07 | \$0.053 |
| 82 | Re-Entry Red | 167886 | 1 | \$0.07 | \$0.053 |
| 83 | Lunar Blue | 167907 | 1 | \$0.07 | \$0.053 |
| 84 | Solar Yellow | 167935 | 1 | \$0.07 | \$0.053 |
| 85 | Bright White | 168334 | 1 | \$0.07 | \$0.053 |
| 86 | Stardust White | 750843 | 1 | \$0.07 | \$0.053 |
| 87 | Pulsar Pink | 750870 | 1 | \$0.07 | \$0.053 |
| 88 | 67 LB Vellum - Letter | | | Retail | |
| 89 | White | 167137 | 1 | \$0.06 | \$0.045 |
| 90 | Blue | 167305 | 1 | \$0.06 | \$0.045 |
| 91 | Canary | 167487 | 1 | \$0.06 | \$0.045 |
| 92 | Green | 167669 | 1 | \$0.06 | \$0.045 |
| 93 | Ivory | 167844 | 1 | \$0.06 | \$0.045 |
| 94 | Gray | 168012 | 1 | \$0.06 | \$0.045 |
| 95 | Pink | 225145 | 1 | \$0.06 | \$0.045 |
| 96 | 90 LB Bright - Letter | | | Retail | |
| 97 | White | 168033 | 1 | \$0.05 | \$0.038 |
| 98 | Blue | 168068 | 1 | \$0.05 | \$0.038 |
| 99 | Green | 168089 | 1 | \$0.05 | \$0.038 |
| 100 | Yellow | 168117 | 1 | \$0.05 | \$0.038 |
| 101 | Ledger 110# (limited colors) | 861397 | 1 | \$0.15 | \$0.113 |
| 102 | 110 LB Pastel Index - Letter | | | Retail | |
| 103 | Blue | 167193 | 1 | \$0.06 | \$0.045 |
| 104 | Canary | 167207 | 1 | \$0.06 | \$0.045 |

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|-----|--|--------|---|--------|---------|
| 105 | Green | 167214 | 1 | \$0.06 | \$0.045 |
| 106 | White | 167228 | 1 | \$0.06 | \$0.045 |
| 107 | Ivory | 167235 | 1 | \$0.06 | \$0.045 |
| 108 | Green | 750906 | 1 | \$0.06 | \$0.045 |
| 109 | Resume | | | Retail | |
| 110 | 100% Cotton - Ivory 24# | 168446 | 1 | \$0.10 | \$0.075 |
| 111 | 100% Cotton - White 24# | 167165 | 1 | \$0.10 | \$0.075 |
| 112 | 25% Cotton Linen - White 24# | 167837 | 1 | \$0.06 | \$0.045 |
| 113 | 25% Cotton Linen - Ivory 24# | 168145 | 1 | \$0.06 | \$0.045 |
| 114 | 25% Cotton Business 20# | 225154 | 1 | \$0.05 | \$0.038 |
| 115 | 25% Antique Laid 24# | 225163 | 1 | \$0.08 | \$0.060 |
| 116 | 25% Cotton Granite 24# | 225172 | 1 | \$0.14 | \$0.105 |
| 117 | 100% Cotton Business 32# | 225190 | 1 | \$0.14 | \$0.105 |
| 118 | 25% Cotton Linen 32# | 225217 | 1 | \$0.12 | \$0.090 |
| 119 | 100% Linen 32# | 225226 | 1 | \$0.16 | \$0.120 |
| 120 | Parchment 24# | 225253 | 1 | \$0.13 | \$0.098 |
| 121 | Parchment 32# | 225262 | 1 | \$0.12 | \$0.090 |
| 122 | Certificate/Award | | | Retail | |
| 123 | Silver | 168362 | 1 | \$0.50 | \$0.375 |
| 124 | Gold | 168383 | 1 | \$0.50 | \$0.375 |
| 125 | Gloss 80# | | | Retail | |
| 126 | 80lb-Text - Letter | 405319 | 1 | \$0.05 | \$0.038 |
| 127 | 80lb-Cover - Letter | 167942 | 1 | \$0.20 | \$0.150 |
| 128 | 80lb-Text - Ledger | 167998 | 1 | \$0.10 | \$0.075 |
| 129 | 80lb-Cover - Ledger | 167949 | 1 | \$0.40 | \$0.300 |
| 130 | Gloss 100# | | | Retail | |
| 131 | Digital Color Elite Gloss 100lb Text - Letter | 591605 | 1 | \$0.20 | \$0.150 |
| 132 | Digital Color Elite Gloss 100lb Cover - Letter | 168572 | 1 | \$0.25 | \$0.188 |
| 133 | 100lb Text - Ledger | 679875 | 1 | \$0.40 | \$0.300 |
| 134 | 100lb Cover - Ledger | 168026 | 1 | \$0.45 | \$0.338 |
| 135 | Supreme Gloss | | | Retail | |
| 136 | Digital Color Supreme Gloss 8pt | 405347 | 1 | \$0.15 | \$0.109 |
| 137 | Digital Color Supreme Gloss 10 pt | 543965 | 1 | \$0.25 | \$0.184 |
| 138 | Digital Color Supreme Gloss 12pt | 543985 | 1 | \$0.30 | \$0.221 |
| 139 | Specialty Paper | | | Retail | |
| 140 | Glossy Trifold Brochure | 168628 | 1 | \$0.39 | \$0.293 |
| 141 | Presentation Folders | 167172 | 1 | \$3.49 | \$2.618 |
| 142 | Glossy Greeting Cards | 168593 | 1 | \$0.40 | \$0.300 |
| 143 | White Greeting Card Envelope | 168614 | 1 | \$0.10 | \$0.075 |
| 144 | Xrx Digital Clr Prem Bus Card (10up Taped) | 167179 | 1 | \$1.00 | \$0.750 |
| 145 | Specialty Paper (Durable & Poly) | | | Retail | |
| 146 | DuraPaper | 543860 | 1 | \$0.99 | \$0.74 |
| 147 | Polyester Paper - Letter | 543935 | 1 | \$0.99 | \$0.74 |
| 148 | Polyester Paper - Tabloid | 543945 | 1 | \$1.99 | \$1.49 |
| 149 | Documagnet 8pt | 544020 | 1 | \$1.49 | \$1.12 |
| 150 | Carbonless Paper | 543995 | 1 | \$0.29 | \$0.22 |
| 151 | Labels | | | Retail | |
| 152 | Matte Labels 4Up | 405270 | 1 | \$0.74 | \$0.56 |
| 153 | Glossy 30-Up labels - Xerox 30-up | 911120 | 1 | \$0.85 | \$0.64 |
| 154 | Glossy 30-Up labels- Holiday Only | 765400 | 1 | \$1.45 | \$1.09 |
| 155 | Glossy CD-ROM Labels | 405277 | 1 | \$1.49 | \$1.12 |
| 156 | Security Paper | | | Retail | |
| 157 | Security/Rx Paper- Teal | 750915 | 1 | \$0.45 | \$0.34 |
| 158 | Security/Rx Paper - Grey | 750924 | 1 | \$0.45 | \$0.34 |
| 159 | Security/Rx Paper - Green | 750942 | 1 | \$0.45 | \$0.34 |

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|-----|------------------------------------|--------|---|--------|---------|
| 160 | Transparencies | | | Retail | |
| 161 | B&W - Clear | 168173 | 1 | \$0.50 | \$0.38 |
| 162 | Color - Clear | 168180 | 1 | \$1.49 | \$1.12 |
| 163 | Premium Paper | | | Retail | |
| 164 | 28# Laser Paper | 168348 | 1 | \$0.03 | \$0.020 |
| 165 | Bright Paper Text | 168334 | 1 | \$0.07 | \$0.053 |
| 166 | Individual Sheets | | | Retail | |
| 167 | Color | 838592 | 1 | \$0.02 | \$0.010 |
| 168 | Cardstock | 838608 | 1 | \$0.08 | \$0.060 |
| 169 | Single Step Transfer Paper | | | Retail | |
| 170 | Letter Size | 570658 | 1 | \$2.89 | \$2.17 |
| 171 | Ledger | 570669 | 1 | \$3.89 | \$2.92 |
| 172 | 3 Hole Paper - Letter | | | Retail | |
| 173 | White (SEE NOTE BELOW) | 168579 | 1 | \$0.01 | \$0.001 |
| 174 | BW NCR Sets Single Sided | | | | |
| 175 | Priced Per Set | | | Retail | |
| 176 | 2 Part NCR - Letter - White/Canary | 167249 | 1 | \$0.25 | \$0.100 |
| 177 | 2 Part NCR - Legal - White/Canary | 167263 | 1 | \$0.25 | \$0.12 |
| 178 | 3 Part NCR - Letter - W/C/P | 167298 | 1 | \$0.35 | \$0.15 |
| 179 | 3 Part NCR - Legal - W/C/P | 167319 | 1 | \$0.35 | \$0.17 |
| 180 | 4 Part NCR - Letter - W/C/P/G | 167326 | 1 | \$0.45 | \$0.25 |
| 181 | 4 Part NCR - Legal - W/C/P/G | 167333 | 1 | \$0.45 | \$0.27 |
| 182 | BW NCR Sets Double Sided | | | | |
| 183 | Priced Per Set | | | Retail | |
| 184 | 2 Part NCR - Letter - White/Canary | 743598 | 1 | \$0.44 | \$0.12 |
| 185 | 2 Part NCR - Legal - White/Canary | 743679 | 1 | \$0.44 | \$0.14 |
| 186 | 3 Part NCR - Letter - W/C/P | 743607 | 1 | \$0.64 | \$0.17 |
| 187 | 3 Part NCR - Legal - W/C/P | 744012 | 1 | \$0.64 | \$0.19 |
| 188 | 4 Part NCR - Letter - W/C/P/G | 743634 | 1 | \$0.84 | \$0.27 |
| 189 | 4 Part NCR - Legal - W/C/P/G | 743742 | 1 | \$0.84 | \$0.29 |
| 190 | Color NCR Sets Single Sided | | | | |
| 191 | Priced Per Set | | | Retail | |
| 192 | 2 Part NCR - Letter - White/Canary | 466155 | 1 | \$1.00 | \$0.49 |
| 193 | 2 Part NCR - Legal - White/Canary | 466195 | 1 | \$1.00 | \$0.54 |
| 194 | 3 Part NCR - Letter - W/C/P | 466220 | 1 | \$1.40 | \$0.68 |
| 195 | 3 Part NCR - Legal - W/C/P | 466225 | 1 | \$1.40 | \$0.73 |
| 196 | 4 Part NCR - Letter - W/C/P/G | 466230 | 1 | \$1.80 | \$0.87 |
| 197 | 4 Part NCR - Legal - W/C/P/G | 466265 | 1 | \$1.80 | \$0.92 |
| 198 | Color NCR Sets Double Sided | | | | |
| 199 | Priced Per Set | | | Retail | |
| 200 | 2 Part NCR - Letter - White/Canary | 743787 | 1 | \$1.90 | \$0.68 |
| 201 | 2 Part NCR - Legal - White/Canary | 743877 | 1 | \$1.90 | \$0.73 |
| 202 | 3 Part NCR - Letter - W/C/P | 743814 | 1 | \$2.70 | \$0.87 |
| 203 | 3 Part NCR - Legal - W/C/P | 744129 | 1 | \$2.70 | \$0.92 |
| 204 | 4 Part NCR - Letter - W/C/P/G | 743859 | 1 | \$3.40 | \$1.06 |
| 205 | 4 Part NCR - Legal - W/C/P/G | 743949 | 1 | \$3.40 | \$1.11 |
| 206 | Lamination | | | Retail | |
| 207 | Letter - 5 Mil | 165828 | 1 | \$1.49 | \$1.12 |
| 208 | Legal - 5 Mil | 165940 | 1 | \$1.99 | \$1.49 |
| 209 | Ledger - 5 Mil | 166073 | 1 | \$2.99 | \$2.24 |
| 210 | Letter - 10 Mil | 788765 | 1 | \$2.49 | \$1.87 |
| 211 | Legal - 10 Mil | 790662 | 1 | \$2.99 | \$2.24 |
| 212 | Ledger - 10 Mil | 785426 | 1 | \$4.99 | \$3.74 |
| 213 | Business Cards | 166269 | 1 | \$1.25 | \$0.94 |
| 214 | Luggage Tags 10 MIL | 166437 | 1 | \$2.49 | \$1.87 |

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|-----|--|--------|---|--------|---------|
| 215 | Alligator Badge Clips | 166570 | 1 | \$0.49 | \$0.37 |
| 216 | ID Badges | 166682 | 1 | \$1.49 | \$1.12 |
| 217 | Stapling | | | Retail | |
| 218 | Hand Stapling | 166927 | 1 | \$0.10 | \$0.050 |
| 219 | Stapling Booklet | 861747 | 1 | \$0.35 | \$0.11 |
| 220 | Machine Stapling Upper Left | 861775 | 1 | \$0.02 | \$0.010 |
| 221 | Machine Stapling Upper Right | 861803 | 1 | \$0.02 | \$0.010 |
| 222 | Stapling Double Staple - Left | 861810 | 1 | \$0.05 | \$0.020 |
| 223 | Folding | | | Retail | |
| 224 | Folding Per Sheet (Machine) | 861383 | 1 | \$0.02 | \$0.010 |
| 225 | Folding by Hand (Per Sheet) | 165926 | 1 | \$0.10 | \$0.075 |
| 226 | Cutting | | | Retail | |
| 227 | Cutting Per Cut (Per 250 Sheets) | 166773 | 1 | \$0.75 | \$0.45 |
| 228 | Full Bleed Cutting | 751050 | 1 | \$3.00 | \$1.50 |
| 229 | Cutting - in Half | 861838 | 1 | \$0.75 | \$0.35 |
| 230 | Cutting - 1/3 or 1/4 | 861873 | 1 | \$1.50 | \$0.75 |
| 231 | Hand Cutting (Per Trim, Per Sheet) | 805977 | 1 | \$0.25 | \$0.100 |
| 232 | Padding | | | Retail | |
| 233 | Custom padding | 166766 | 1 | \$0.60 | \$0.45 |
| 234 | Drilling | | | Retail | |
| 235 | 3 Hole | 166633 | 1 | \$4.75 | \$1.50 |
| 236 | 5 Hole (1000 Sheets) | 114370 | 1 | \$6.75 | \$1.75 |
| 237 | Custom | 171274 | 1 | \$5.00 | \$3.00 |
| 238 | Shrinkwrap | | | Retail | |
| 239 | Shrink Wrapping | 166857 | 1 | \$0.75 | \$0.25 |
| 240 | Slip Sheets (Includes Inserting and Paper) | 466285 | 1 | \$0.12 | \$0.010 |
| 241 | Tab Sets | | | Retail | |
| 242 | Tab Sets Bank of 5 - White | 168215 | 1 | \$0.79 | \$0.59 |
| 243 | Tab Sets Bank of 5 - Blue | 168236 | 1 | \$0.79 | \$0.59 |
| 244 | Tab Sets Bank of 5 - Gray | 168243 | 1 | \$0.79 | \$0.59 |
| 245 | Tab Sets Bank of 5 - White - 3 hole | 168257 | 1 | \$0.79 | \$0.59 |
| 246 | Tab Sets Bank of 5 - Blue - 3 hole | 168299 | 1 | \$0.79 | \$0.59 |
| 247 | Tab Sets Bank of 5 - Gray - 3 hole | 168306 | 1 | \$0.79 | \$0.59 |
| 248 | Clearview Binders | | | Retail | |
| 249 | 1/2" Binder White | 861439 | 1 | \$2.49 | \$1.49 |
| 250 | 1/2" Binder Black | 861460 | 1 | \$2.49 | \$1.49 |
| 251 | 1" Binder White | 861467 | 1 | \$2.99 | \$1.79 |
| 252 | 1" Binder Black | 861502 | 1 | \$2.99 | \$1.79 |
| 253 | 1 1/2" Binder White | 861558 | 1 | \$3.79 | \$2.27 |
| 254 | 1 1/2" Binder Black | 861593 | 1 | \$3.79 | \$2.27 |
| 255 | 2" Binder White | 861635 | 1 | \$4.99 | \$2.99 |
| 256 | 2" Binder Black | 861684 | 1 | \$4.99 | \$2.99 |
| 257 | 3" Binder White | 861705 | 1 | \$6.99 | \$4.19 |
| 258 | 3" Binder Black | 861719 | 1 | \$6.99 | \$4.19 |
| 259 | 4" Binder White | 805347 | 1 | \$9.99 | \$5.99 |
| 260 | 4" Binder Black | 805356 | 1 | \$9.99 | \$5.99 |
| 261 | Binding | | | Retail | |
| 262 | Tape Binding Black 1-100 Pages | 166255 | 1 | \$1.89 | \$1.19 |
| 263 | Tape Binding Gray 1-100 Pages | 166283 | 1 | \$1.89 | \$1.19 |
| 264 | Tape Binding Brown 1-100 Pages | 166290 | 1 | \$1.89 | \$1.19 |
| 265 | Tape Binding Black 101+ Pages | 166318 | 1 | \$1.99 | \$1.29 |
| 266 | Tape Binding Gray 101+ Pages | 166325 | 1 | \$1.99 | \$1.29 |
| 267 | Tape Binding Brown 101+ Pages | 166346 | 1 | \$1.99 | \$1.29 |
| 268 | Comb Binding 1-100 Pages Black | 166367 | 1 | \$1.89 | \$1.29 |
| 269 | Comb Binding 1-100 Pages White | 166388 | 1 | \$1.89 | \$1.29 |

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|-----|--|--------|---|---------|---------|
| 270 | Comb Binding 1-100 Pages Blue | 166395 | 1 | \$1.89 | \$1.29 |
| 271 | Comb Binding 1-100 Pages Other | 166409 | 1 | \$1.89 | \$1.29 |
| 272 | Comb Binding 101 + Black | 166423 | 1 | \$1.99 | \$1.39 |
| 273 | Comb Binding 101 + Blue | 166444 | 1 | \$1.99 | \$1.39 |
| 274 | Comb Binding 101 + White | 166479 | 1 | \$1.99 | \$1.39 |
| 275 | Comb Binding 101 + Other | 166486 | 1 | \$1.99 | \$1.39 |
| 276 | Coil Binding 1-100 Black | 166493 | 1 | \$2.79 | \$1.29 |
| 277 | Coil Binding 1-100 White | 166514 | 1 | \$2.79 | \$1.29 |
| 278 | Coil Binding 1-100 Blue | 166535 | 1 | \$2.79 | \$1.29 |
| 279 | Coil Binding 1-100 Clear | 166542 | 1 | \$2.79 | \$1.29 |
| 280 | Coil Binding 1-100 Other | 166549 | 1 | \$2.79 | \$1.29 |
| 281 | Coil Binding 101 + Black | 166556 | 1 | \$3.19 | \$1.39 |
| 282 | Coil Binding 101 + White | 166563 | 1 | \$3.19 | \$1.39 |
| 283 | Coil Binding 101+ Blue | 166577 | 1 | \$3.19 | \$1.39 |
| 284 | Coil Binding 101 + Clear | 166598 | 1 | \$3.19 | \$1.39 |
| 285 | Coil Binding 101 + Other | 166605 | 1 | \$3.19 | \$1.39 |
| 286 | Perfect Binding (Paperback) | 651525 | 1 | \$5.99 | \$1.05 |
| 287 | Covers | | | Retail | |
| 288 | Clear Front | 165989 | 1 | \$0.59 | \$0.44 |
| 289 | Clear Back | 165996 | 1 | \$0.59 | \$0.44 |
| 290 | Plain Frosted Covers | 165954 | 1 | \$0.63 | \$0.47 |
| 291 | Deco Cube Frosted Covers | 165975 | 1 | \$0.99 | \$0.74 |
| 292 | Globe Design Frosted Covers | 165982 | 1 | \$0.99 | \$0.74 |
| 293 | Solid Back Black | 166003 | 1 | \$0.59 | \$0.44 |
| 294 | Solid Back Green | 166052 | 1 | \$0.59 | \$0.44 |
| 295 | Solid Back Gray | 166059 | 1 | \$0.59 | \$0.44 |
| 296 | Solid Back Maroon | 166094 | 1 | \$0.59 | \$0.44 |
| 297 | Solid Back Navy | 166115 | 1 | \$0.59 | \$0.44 |
| 298 | Solid Back White | 166129 | 1 | \$0.59 | \$0.44 |
| 299 | Linen Cover Black | 166143 | 1 | \$0.79 | \$0.59 |
| 300 | Linen Cover Grey | 166164 | 1 | \$0.79 | \$0.59 |
| 301 | Linen Cover White | 166178 | 1 | \$0.79 | \$0.59 |
| 302 | Regency Cover Black | 166185 | 1 | \$0.69 | \$0.52 |
| 303 | Regency Cover Maroon | 166206 | 1 | \$0.69 | \$0.52 |
| 304 | Regency Cover Navy | 166220 | 1 | \$0.69 | \$0.52 |
| 305 | Regency Cover White | 166227 | 1 | \$0.69 | \$0.52 |
| 306 | Scanning | | | Retail | |
| 307 | Document Scan - 1st Page | 751068 | 1 | \$2.99 | \$2.24 |
| 308 | Doc Scan - Each Addl Page | 751095 | 1 | \$0.25 | \$0.19 |
| 309 | Hand Placement Scanning (Image) | 751086 | 1 | \$2.99 | \$2.24 |
| 310 | CD Burn | 166829 | 1 | \$2.99 | \$2.24 |
| 311 | Typesetting | | | Retail | |
| 312 | Simple | 208829 | 1 | \$15.00 | \$11.25 |
| 313 | Half Page Text | 208899 | 1 | \$30.00 | \$22.50 |
| 314 | Full 8.5 x 11 Text | 208955 | 1 | \$60.00 | \$45.00 |
| 315 | File Manipulation Each Minimum Editing | 166878 | 1 | \$1.00 | \$0.75 |
| 316 | File Manipulation Quick Editing / File Prep | 166885 | 1 | \$0.25 | \$0.19 |
| 317 | Custom Services | | | Retail | |
| 318 | Hand Collation | 166899 | 1 | \$0.05 | \$0.030 |
| 319 | Slip Sheets - OD Supplied (Incl Paper and Inserting) | 466285 | 1 | \$0.12 | \$0.010 |
| 320 | Machine Inserting (Per Insert) | 805833 | 1 | \$0.01 | \$0.005 |
| 321 | Hand Inserting (Per Slipsheet) | 805842 | 1 | \$0.10 | \$0.075 |
| 322 | Hand Inserting (Per Envelope) | 805743 | 1 | \$0.10 | \$0.075 |
| 323 | Hand Affixing (Label/Stamp) | 805869 | 1 | \$0.05 | \$0.038 |
| 324 | Hand Place Original (Per Sheet) | 166913 | 1 | \$0.25 | \$0.15 |

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|-----|---|--------|---|----------|----------|
| 325 | Labor Fee - POS Only | 591595 | 1 | \$5.00 | \$3.75 |
| 326 | Passport Photo | | | Retail | |
| 327 | Passport | 523460 | 1 | \$7.99 | \$5.99 |
| 328 | Domestic Fax | | | Retail | |
| 329 | Sending - Local and Toll Free | 833071 | 1 | \$1.99 | \$1.49 |
| 330 | Sending - Each Add'l Page | 456687 | 1 | \$1.00 | \$0.75 |
| 331 | Sending - Long Distance | 833081 | 1 | \$2.39 | \$1.79 |
| 332 | Sending - Each Add'l LD Page | 833091 | 1 | \$1.00 | \$0.75 |
| 333 | Receiving | 833211 | 1 | \$1.49 | \$1.12 |
| 334 | International Fax | | | Retail | |
| 335 | Sending - First Page | 833191 | 1 | \$7.99 | \$5.99 |
| 336 | Sending - Each Add'l Page | 833201 | 1 | \$3.99 | \$2.99 |
| 337 | Receiving | 833211 | 1 | \$1.49 | \$1.12 |
| 341 | Large Format | | | | |
| 342 | Large Format Value Prints (Print Only) | | | Retail | |
| 343 | 16x20 Presentation Paper | 999711 | 1 | \$9.99 | \$7.49 |
| 344 | 18x24 Presentation Paper | 999729 | 1 | \$14.99 | \$11.24 |
| 345 | 24x36 Presentation Paper | 999747 | 1 | \$24.99 | \$18.74 |
| 346 | 16x20 Gloss Paper | 999756 | 1 | \$14.99 | \$11.24 |
| 347 | 18x24 Gloss Paper | 999774 | 1 | \$19.99 | \$14.99 |
| 348 | 24x36 Gloss Paper | 999783 | 1 | \$29.99 | \$22.49 |
| 349 | 6x2 Vinyl Banner | 999819 | 1 | \$79.99 | \$59.99 |
| 350 | 8x2 Vinyl Banner | 999828 | 1 | \$99.99 | \$74.99 |
| 351 | 10x2 Vinyl Banner | 999837 | 1 | \$129.99 | \$97.49 |
| 352 | 8x3 Vinyl Banner (RPF Only) | 999846 | 1 | \$139.99 | \$104.99 |
| 353 | Large Format BW (Print Only) | | | Retail | |
| 354 | 18x24 Bond | 168502 | 1 | \$1.39 | \$1.04 |
| 355 | 24x36 Bond | 168495 | 1 | \$2.89 | \$2.17 |
| 356 | 36x48 Bond | 168516 | 1 | \$5.79 | \$4.34 |
| 357 | Large Format Packages | | | | |
| 358 | Print on Presentation Paper + Lamination | | | Retail | |
| 359 | 16x20 | 999873 | 1 | \$12.99 | \$9.74 |
| 360 | 18x24 | 999882 | 1 | \$19.99 | \$14.99 |
| 361 | 24x36 | 999891 | 1 | \$34.99 | \$26.24 |
| 362 | Print on Presentation Paper + Lamination + Mounting | | | Retail | |
| 363 | 16x20 | 999909 | 1 | \$19.99 | \$14.99 |
| 364 | 18x24 | 999918 | 1 | \$29.99 | \$22.49 |
| 365 | 24x36 | 999954 | 1 | \$49.99 | \$37.49 |
| 366 | Print on Gloss Paper + Mounting Only | | | Retail | |
| 367 | 16x20 | 999963 | 1 | \$19.99 | \$14.99 |
| 368 | 18x24 | 999972 | 1 | \$29.99 | \$22.49 |
| 369 | 24x36 | 999981 | 1 | \$49.99 | \$37.49 |
| 370 | Large Format Color - Per Sq Foot | | | Retail | |
| 371 | Presentation Bond | 876993 | 1 | \$4.99 | \$3.74 |
| 372 | Glossy | 850596 | 1 | \$6.99 | \$5.24 |
| 373 | Vinyl | 851492 | 1 | \$6.99 | \$5.24 |
| 374 | Canvas | 295398 | 1 | \$9.99 | \$7.49 |
| 375 | Large Format BW Paper Types - Per Sq Ft | | | Retail | |
| 376 | Bond | 168467 | 1 | \$0.49 | \$0.37 |
| 377 | Vellum | 168425 | 1 | \$1.49 | \$1.12 |
| 378 | Large Format Finishing | | | Retail | |
| 379 | Laminate Per Sq Ft (3 Mil) | 852066 | 1 | \$1.99 | \$1.49 |
| 380 | Large Format Mount on Foam Core | 851870 | 1 | \$4.99 | \$3.74 |
| 382 | BW Large Format Scanning | 412180 | 1 | \$4.99 | \$3.74 |

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|-----|--|--------|---|---------|---------|
| 383 | Stapling 3 Across | 676815 | 1 | \$0.06 | \$0.045 |
| 384 | Stapling Center 3 | 355085 | 1 | \$0.06 | \$0.045 |
| 385 | WF Single Staple Left Corner | 676805 | 1 | \$0.02 | \$0.010 |
| 386 | Single Grommet | 851982 | 1 | \$0.25 | \$0.19 |
| 387 | OD Brand Calendars | | | Retail | |
| 388 | 12 Month Basic Photo Calendar | 167004 | 1 | \$12.99 | \$9.74 |
| 389 | 12 Month Premium Photo Calendar | 464745 | 1 | \$14.99 | \$11.24 |
| 390 | 12 Mth BW Photo Tear Off | 295734 | 1 | \$1.99 | \$1.49 |
| 391 | 12 Mth Full Color Tear Off | 295783 | 1 | \$5.99 | \$4.49 |
| 392 | 12 Month Scrapbook | 588955 | 1 | \$7.99 | \$5.99 |
| 393 | Year in a View Laminated - (Letter) | 167025 | 1 | \$1.99 | \$1.49 |
| 394 | Year in a View Gloss (Letter) | 589070 | 1 | \$0.99 | \$0.74 |
| 395 | Year in a View Laminated - (Ledger) | 167018 | 1 | \$3.99 | \$2.99 |
| 396 | Year in a View Gloss (Ledger) | 588965 | 1 | \$1.49 | \$1.12 |
| 397 | Year In A View 18x24 | 355090 | 1 | \$19.99 | \$14.99 |
| 398 | Year in a View Magnet 4.25"x11" Laminated (2up) | 488097 | 1 | \$1.99 | \$1.49 |
| 399 | Year in a View Magnet 3.66"x8.5" Laminated (3up) | 488124 | 1 | \$1.99 | \$1.49 |
| 400 | Seasonal At-A-Glance Calendars | | | Retail | |
| 401 | Small Classic Calendar | 800260 | 1 | \$19.99 | \$14.99 |
| 402 | Small Designer Calendar | 800445 | 1 | \$19.99 | \$14.99 |
| 403 | Large Classic Calendar | 800610 | 1 | \$24.99 | \$18.74 |
| 404 | Large Designer Calendar | 800820 | 1 | \$24.99 | \$18.74 |
| 405 | Classic Yearly Planner | 800990 | 1 | \$39.99 | \$29.99 |
| 406 | Designer Yearly Planner | 801180 | 1 | \$39.99 | \$29.99 |
| 407 | Seasonal Greeting Cards and Labels | | | Retail | |
| 408 | Address Labels / Gift Tags 30 UP | 765400 | 1 | \$1.45 | \$1.09 |
| 409 | Giftwrap Ledger | 776200 | 1 | \$1.25 | \$0.94 |
| 410 | Gift Tags (10 Up) | 978705 | 1 | \$1.59 | \$1.19 |
| 411 | Photo Card 4 Up + Env | 765512 | 1 | \$2.99 | \$2.24 |
| 412 | Invitation 4 Up + Env | 765528 | 1 | \$2.69 | \$2.02 |
| 413 | Greeting Cards | 168593 | 1 | \$0.40 | \$0.30 |
| 414 | Greeting Card Envelope | 168614 | 1 | \$0.10 | \$0.075 |
| 415 | Binder Assembly | | | Retail | |
| 416 | Cover, Spine, Guts | 805644 | 1 | \$0.99 | \$0.74 |
| 417 | Inserting Pages Only (Binder Over 2") | 806022 | 1 | \$0.49 | \$0.37 |
| 418 | Inserting Pages Only (Binder Under 2") | 805662 | 1 | \$0.79 | \$0.59 |
| 419 | Inserting Side Pocket Only | 805707 | 1 | \$0.29 | \$0.22 |
| 420 | Inserting Spine Only | 806049 | 1 | \$0.29 | \$0.22 |
| 421 | Inserting Cover | 805734 | 1 | \$0.29 | \$0.22 |
| 422 | Machine Inserting (Per Insert) | 805833 | 1 | \$0.01 | \$0.005 |
| 423 | Hand Inserting (Per Slipsheet) | 805842 | 1 | \$0.10 | \$0.075 |
| 424 | Screwposts - Includes Screwpost Plus the Drilling | | | Retail | |
| 425 | Screwpost (Each) | 231729 | 1 | \$1.30 | \$0.98 |
| 426 | Mounting Only | | | Retail | |
| 427 | Letter size (Mounting Only) | 750978 | 1 | \$4.99 | \$3.74 |
| 428 | Legal Size (Mounting Only) | 750987 | 1 | \$5.99 | \$4.49 |
| 429 | Ledger Size (Mounting Only) | 750969 | 1 | \$7.99 | \$5.99 |
| 430 | Year In A View 18x24 Laminated (Desk Calendar) | 355090 | 1 | \$19.99 | \$14.99 |
| 431 | 11x17 Desk Calendar (12 Month) Includes Plastic Corners and Perforation (Produced in RPF Only) | 317454 | 1 | \$14.99 | \$11.24 |
| 432 | 11x17 Desk Calendar Tear-Off Pad (12 Month) (Produced in-Store) | 931389 | 1 | \$12.99 | \$9.74 |
| 433 | Seasonal - Designer Year in A View - 8.5x11 | | | Retail | |
| 434 | July 4th | 346740 | 1 | \$3.99 | \$2.99 |
| 435 | Green Stripe | 346749 | 1 | \$3.99 | \$2.99 |

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|-----|--|--------|---|---------|---------|
| 436 | Blue Kids | 346758 | 1 | \$3.99 | \$2.99 |
| 437 | Green Contemporary | 346785 | 1 | \$3.99 | \$2.99 |
| 438 | Sports | 346794 | 1 | \$3.99 | \$2.99 |
| 439 | Beige | 346803 | 1 | \$3.99 | \$2.99 |
| 440 | Love | 346839 | 1 | \$3.99 | \$2.99 |
| 441 | Seasonal - Designer Year in A View - 11x17 | | | Retail | |
| 442 | July 4th | 346614 | 1 | \$5.99 | \$4.49 |
| 443 | Green Stripe | 346623 | 1 | \$5.99 | \$4.49 |
| 444 | Blue Kids | 346659 | 1 | \$5.99 | \$4.49 |
| 445 | Green Contemporary | 346677 | 1 | \$5.99 | \$4.49 |
| 446 | Sports | 346686 | 1 | \$5.99 | \$4.49 |
| 447 | Beige | 346695 | 1 | \$5.99 | \$4.49 |
| 448 | Love | 346713 | 1 | \$5.99 | \$4.49 |
| 449 | Seasonal - Designer 12 Month Calendars | | | Retail | |
| 450 | Black & White | 346902 | 1 | \$19.99 | \$14.99 |
| 451 | Love | 346857 | 1 | \$19.99 | \$14.99 |
| 452 | Pink Zebra | 346893 | 1 | \$19.99 | \$14.99 |
| 453 | Masculine Brown | 346938 | 1 | \$19.99 | \$14.99 |
| 454 | Blue Green | 346875 | 1 | \$19.99 | \$14.99 |
| 455 | Flowers (Vertical Orientation) | 346947 | 1 | \$14.99 | \$11.24 |
| 456 | Seasonal - Designer Cards - 2UP | | | Retail | |
| 457 | Happy Holidays | 346074 | 1 | \$0.99 | \$0.74 |
| 458 | Green Santa | 345930 | 1 | \$0.99 | \$0.74 |
| 459 | Angel Blessing | 345885 | 1 | \$0.99 | \$0.74 |
| 460 | Merry Blue | 346110 | 1 | \$0.99 | \$0.74 |
| 461 | Merry Red 3 Photos | 345894 | 1 | \$0.99 | \$0.74 |
| 462 | Black Red & White | 346146 | 1 | \$0.99 | \$0.74 |
| 463 | Hanukkah Blue | 346164 | 1 | \$0.99 | \$0.74 |
| 464 | New Years | 346002 | 1 | \$0.99 | \$0.74 |
| 465 | Merry, Happy New Year | 345993 | 1 | \$0.99 | \$0.74 |
| 466 | Merry Red | 345813 | 1 | \$0.99 | \$0.74 |
| 467 | Joy to the World | 346047 | 1 | \$0.99 | \$0.74 |
| 468 | Happy Holiday Green | 346083 | 1 | \$0.99 | \$0.74 |
| 469 | Hanukkah Greetings | 346173 | 1 | \$0.99 | \$0.74 |
| 470 | Merry Tree | 345849 | 1 | \$0.99 | \$0.74 |
| 471 | Seasons Black Green | 346119 | 1 | \$0.99 | \$0.74 |
| 472 | Seasons Blue | 345948 | 1 | \$0.99 | \$0.74 |
| 473 | Merry Santa 3 Photos | 345957 | 1 | \$0.99 | \$0.74 |
| 474 | Merry Fun | 345867 | 1 | \$0.99 | \$0.74 |
| 475 | Warm Wishes | 346020 | 1 | \$0.99 | \$0.74 |
| 476 | Eat Drink Be Merry | 345822 | 1 | \$0.99 | \$0.74 |
| 477 | Seasonal - Designer Cards - Foldover - Priced per card & Includes Envelope | | | Retail | |
| 478 | Happy Holidays | 346515 | 1 | \$1.99 | \$1.49 |
| 479 | Green Santa | 346389 | 1 | \$1.99 | \$1.49 |
| 480 | Angel Blessing | 346290 | 1 | \$1.99 | \$1.49 |
| 481 | Merry Blue | 346542 | 1 | \$1.99 | \$1.49 |
| 482 | Merry Red 3 Photos | 346299 | 1 | \$1.99 | \$1.49 |
| 483 | Black Red & White | 346587 | 1 | \$1.99 | \$1.49 |
| 484 | Hanukkah Blue | 346596 | 1 | \$1.99 | \$1.49 |
| 485 | New Years | 346443 | 1 | \$1.99 | \$1.49 |
| 486 | Merry, Happy New Year | 346425 | 1 | \$1.99 | \$1.49 |
| 487 | Merry Red | 346182 | 1 | \$1.99 | \$1.49 |
| 488 | Joy to the World | 346506 | 1 | \$1.99 | \$1.49 |
| 489 | Happy Holiday Green | 346524 | 1 | \$1.99 | \$1.49 |

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| 490 | Hanukkah Greetings | 346605 | 1 | \$1.99 | \$1.49 |
| 491 | Merry Tree | 346227 | 1 | \$1.99 | \$1.49 |
| 492 | Seasons Black Green | 346578 | 1 | \$1.99 | \$1.49 |
| 493 | Seasons Blue | 346398 | 1 | \$1.99 | \$1.49 |
| 494 | Merry Santa 3 Photos | 346407 | 1 | \$1.99 | \$1.49 |
| 495 | Merry Fun | 346263 | 1 | \$1.99 | \$1.49 |
| 496 | Warm Wishes | 346470 | 1 | \$1.99 | \$1.49 |
| 497 | Eat Drink Be Merry | 346209 | 1 | \$1.99 | \$1.49 |
| 498 | Coverbind Book Binding | | | Retail | |
| 499 | Hardcover Portrait Solid - Black | 283014 | 1 | \$12.99 | \$9.74 |
| 500 | Hardcover Portrait - Keyhole - Black | 782757 | 1 | \$13.99 | \$10.49 |
| 501 | POD White Paper Cover - Includes Color Click (Single Sided Color Copy Included) | 283023 | 1 | \$2.99 | \$2.24 |
| 502 | Frosted Cover / Clear Cover | 782802 | 1 | \$2.99 | \$2.24 |
| 503 | Foil Printing Price Per Line | | | Retail | |
| 504 | Gold Foil | 805554 | 1 | \$5.99 | \$4.49 |
| 505 | Silver Foil | 805563 | 1 | \$5.99 | \$4.49 |
| 506 | Blue Foil | 805617 | 1 | \$5.99 | \$4.49 |
| 507 | Red Foil | 805626 | 1 | \$5.99 | \$4.49 |
| 508 | Green Foil | 805599 | 1 | \$5.99 | \$4.49 |
| 509 | Perforating & Scoring (Standard not MicroPerf) | | | Retail | |
| 510 | Standard Perf (Fulfilled at RPF and Priced Per Sheet) | 477137 | 1 | \$0.03 | \$0.020 |
| 511 | Standard Scoring (Fulfilled at RPF and Priced Per Sheet) | 477263 | 1 | \$0.03 | \$0.020 |
| 512 | Shredding | | | Retail | |
| 513 | Shredding (Per Pound) | 215659 | 1 | \$0.99 | \$0.74 |
| 514 | Large Format Bundle Prints (Print Only) | | | Retail | |
| 515 | 16x20 Presentation Paper | 317787 | 1 | \$9.99 | \$7.49 |
| 516 | 18x24 Presentation Paper | 317895 | 1 | \$14.99 | \$11.24 |
| 517 | 24x36 Presentation Paper | 318039 | 1 | \$24.99 | \$18.74 |
| 518 | 16x20 Gloss Paper | 318156 | 1 | \$14.99 | \$11.24 |
| 519 | 18x24 Gloss Paper | 318273 | 1 | \$19.99 | \$14.99 |
| 520 | 24x36 Gloss Paper | 318399 | 1 | \$29.99 | \$22.49 |
| 521 | 6x2 Vinyl Banner | 318597 | 1 | \$79.99 | \$59.99 |
| 522 | 8x2 Vinyl Banner | 318777 | 1 | \$99.99 | \$74.99 |
| 523 | 10x2 Vinyl Banner | 318867 | 1 | \$129.99 | \$97.49 |
| 524 | 8x3 Vinyl Banner (RPF Only) | 318966 | 1 | \$139.99 | \$104.99 |
| 525 | Large-Format BW (Print Only) | | | Retail | |
| 526 | 18x24 Bond | 168502 | 1 | \$1.39 | \$1.04 |
| 527 | 24x36 Bond | 168495 | 1 | \$2.89 | \$2.17 |
| 528 | 36x48 Bond | 168516 | 1 | \$5.79 | \$4.34 |
| 529 | Large Format Packages (Color) | | | Retail | |
| 530 | Print on Presentation Paper + Lamination | | | Retail | |
| 531 | 16x20 | 319092 | 1 | \$12.99 | \$9.74 |
| 532 | 18x24 | 319218 | 1 | \$19.99 | \$14.99 |
| 533 | 24x36 | 319362 | 1 | \$34.99 | \$26.24 |
| 534 | Print on Presentation Paper + Lamination + Mounting (Color) | | | Retail | |
| 535 | 16x20 | 319596 | 1 | \$19.99 | \$14.99 |
| 536 | 18x24 | 319839 | 1 | \$29.99 | \$22.49 |
| 537 | 24x36 | 319974 | 1 | \$49.99 | \$37.49 |
| 538 | Print on Gloss Paper + Mounting Only (Color) | | | Retail | |
| 539 | 16x20 | 320118 | 1 | \$19.99 | \$14.99 |
| 540 | 18x24 | 320307 | 1 | \$29.99 | \$22.49 |
| 541 | 24x36 | 320487 | 1 | \$49.99 | \$37.49 |
| 542 | Foamboard Mounting Only (Finishing Only) | | | Retail | |

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| 543 | Letter Size | 750978 | 1 | \$4.99 | \$3.74 |
| 544 | Legal Size | 750987 | 1 | \$5.99 | \$4.49 |
| 545 | Ledger Size | 750969 | 1 | \$7.99 | \$5.99 |
| 546 | Large Format BW Paper Types - Per Sq Ft | | | Retail | |
| 547 | Bond | 168467 | 1 | \$0.49 | \$0.37 |
| 548 | Vellum | 168425 | 1 | \$1.49 | \$1.12 |
| 549 | Includes: Print Only 26# Bond Paper | | | Retail | |
| 550 | 36x48 Print Only on 26# Bond Paper | 896692 | 1 | \$39.99 | \$29.99 |
| 551 | 40x60 Print Only on 26# Bond Paper | 896836 | 1 | \$49.99 | \$37.49 |
| 552 | Includes: 26# Bond Paper Laminated | | | Retail | |
| 553 | 36x48 Laminated Print | 896458 | 1 | \$43.99 | \$32.99 |
| 554 | 40x60 Laminated Print | 896476 | 1 | \$53.99 | \$40.49 |
| 555 | Includes: 26# Bond Paper + Lamination | | | Retail | |
| 556 | 36x48 Mounted & Laminated Print | 896602 | 1 | \$59.99 | \$44.99 |
| 557 | 40x60 Mounted & Laminated Print | 896629 | 1 | \$69.99 | \$52.49 |
| 558 | Includes: 26# Bond Paper + Mounting | | | Retail | |
| 559 | 16x20 Printed on 26# Bond & Mounted | 896494 | 1 | \$19.99 | \$14.99 |
| 560 | 18x24 Printed on 26# Bond & Mounted | 896503 | 1 | \$19.99 | \$14.99 |
| 561 | 24x36 Printed on 26# Bond & Mounted | 896539 | 1 | \$29.99 | \$22.49 |
| 562 | 36x48 Printed on 26# Bond & Mounted | 896557 | 1 | \$49.99 | \$37.49 |
| 563 | 40x60 Printed on 26# Bond & Mounted | 896566 | 1 | \$59.99 | \$44.99 |
| 564 | Includes: Print Only 55# Heavyweight Bond Paper | | | Retail | |
| 565 | 16x20 Print Only on 55# Heavyweight Bond Paper | 895369 | 1 | \$15.99 | \$11.99 |
| 566 | 18x24 Print Only on 55# Heavyweight Bond Paper | 895558 | 1 | \$15.99 | \$11.99 |
| 567 | 24x36 Print Only on 55# Heavyweight Bond Paper | 896413 | 1 | \$24.99 | \$18.74 |
| 568 | 36x48 Print Only on 55# Heavyweight Bond Paper | 896674 | 1 | \$49.99 | \$37.49 |
| 569 | 40x60 Print Only on 55# Heavyweight Bond Paper | 896827 | 1 | \$59.99 | \$44.99 |
| 570 | Includes: 55# Heavyweight Bond Paper Laminated | | | Retail | |
| 571 | 16x20 Laminated 55# Heavyweight Print | 895594 | 1 | \$19.99 | \$14.99 |
| 572 | 18x24 Laminated 55# Heavyweight Print | 895603 | 1 | \$19.99 | \$14.99 |
| 573 | 24x36 Laminated 55# Heavyweight Print | 895612 | 1 | \$29.99 | \$22.49 |
| 574 | 36x48 Laminated 55# Heavyweight Print | 895639 | 1 | \$59.99 | \$44.99 |
| 575 | 40x60 Laminated 55# Heavyweight Print | 895657 | 1 | \$69.99 | \$52.49 |
| 576 | Glossy Posters & Presentation Boards | | | | |
| 577 | Includes: Print Only High Gloss Paper | | | Retail | |
| 578 | 36x48 Print Only on High Gloss Paper | 896737 | 1 | \$49.99 | \$37.49 |
| 579 | 40x60 Print Only on High Gloss Paper | 896854 | 1 | \$59.99 | \$44.99 |
| 580 | Includes: High Gloss Paper + Mounting | | | Retail | |
| 581 | 36x48 Printed on High Gloss Paper & Mounted | 896773 | 1 | \$69.99 | \$52.49 |
| 582 | 40x60 Printed on High Gloss Paper & Mounted | 896809 | 1 | \$79.99 | \$59.99 |
| 583 | Includes: Print Only Semi Gloss Paper | | | Retail | |
| 584 | 16x20 Print Only on Semi Gloss Paper | 895324 | 1 | \$15.99 | \$11.99 |
| 585 | 18x24 Print Only on Semi Gloss Paper | 895549 | 1 | \$15.99 | \$11.99 |
| 586 | 24x36 Print Only on Semi Gloss Paper | 896386 | 1 | \$24.99 | \$18.74 |
| 587 | 36x48 Print Only on Semi Gloss Paper | 896638 | 1 | \$49.99 | \$37.49 |
| 588 | 40x60 Print Only on Semi Gloss Paper | 896818 | 1 | \$59.99 | \$44.99 |
| 589 | Includes: Semi Gloss Paper + Mounting | | | Retail | |
| 590 | 16x20 Printed on Semi Gloss Paper & Mounted | 895387 | 1 | \$24.99 | \$18.74 |
| 591 | 18x24 Printed on Semi Gloss Paper & Mounted | 895414 | 1 | \$24.99 | \$18.74 |
| 592 | 24x36 Printed on Semi Gloss Paper & Mounted | 895477 | 1 | \$39.99 | \$29.99 |
| 593 | 36x48 Printed on Semi Gloss Paper & Mounted | 895486 | 1 | \$69.99 | \$52.49 |
| 594 | 40x60 Printed on Semi Gloss Paper & Mounted | 895513 | 1 | \$79.99 | \$59.99 |
| 595 | Includes: Print Only Satin Photo Paper | | | Retail | |
| 596 | 16x20 Print Only on Satin Photo Paper | 895378 | 1 | \$19.99 | \$14.99 |
| 597 | 18x24 Print Only on Satin Photo Paper | 895567 | 1 | \$19.99 | \$14.99 |

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| 598 | 24x36 Print Only on Satin Photo Paper | 896422 | 1 | \$39.99 | \$29.99 |
| 599 | 36x48 Print Only on Satin Photo Paper | 896764 | 1 | \$79.99 | \$59.99 |
| 600 | 40x60 Print Only on Satin Photo Paper | 896683 | 1 | \$89.99 | \$67.49 |
| 601 | Includes: Satin Photo Paper + Mounting | | | Retail | |
| 602 | 16x20 Printed on Satin Photo Paper & Mounted | 896899 | 1 | \$29.99 | \$22.49 |
| 603 | 18x24 Printed on Satin Photo Paper & Mounted | 896917 | 1 | \$29.99 | \$22.49 |
| 604 | 24x36 Printed on Satin Photo Paper & Mounted | 896926 | 1 | \$49.99 | \$37.49 |
| 605 | 36x48 Printed on Satin Photo Paper & Mounted | 896953 | 1 | \$99.99 | \$74.99 |
| 606 | 40x60 Printed on Satin Photo Paper & Mounted | 896962 | 1 | \$109.99 | \$82.49 |
| 607 | Indoor Banners & Event Banners | | | | |
| 608 | Scrim Vinyl Banners | | | Retail | |
| 609 | 4'x2' Scrim Vinyl Banner | 896998 | 1 | \$49.99 | \$37.49 |
| 610 | 5'x42" Scrim Vinyl Banner | 897079 | 1 | \$124.99 | \$93.74 |
| 611 | 8'x42" Scrim Vinyl Banner | 897133 | 1 | \$194.99 | \$146.24 |
| 612 | 8'x5' Scrim Vinyl Banner | 897106 | 1 | \$278.99 | \$209.24 |
| 613 | 10'x42" Scrim Vinyl Banner | 897214 | 1 | \$243.99 | \$182.99 |
| 614 | 10'x5' Scrim Vinyl Banner | 897142 | 1 | \$348.99 | \$261.74 |
| 615 | Tyvek Banners | | | Retail | |
| 616 | 4'x2' Tyvek Banner | 897259 | 1 | \$49.99 | \$37.49 |
| 617 | 6'x2' Tyvek Banner | 897277 | 1 | \$82.99 | \$62.24 |
| 618 | 8'x2' Tyvek Banner | 897313 | 1 | \$109.99 | \$82.49 |
| 619 | 10'x2' Tyvek Banner | 897457 | 1 | \$138.99 | \$104.24 |
| 620 | 5'x42" Tyvek Banner | 897268 | 1 | \$124.99 | \$93.74 |
| 621 | 8'x42" Tyvek Banner | 897367 | 1 | \$194.99 | \$146.24 |
| 622 | 8'x5' Tyvek Banner | 897358 | 1 | \$278.99 | \$209.24 |
| 623 | 10'x42" Tyvek Banner | 897484 | 1 | \$243.99 | \$182.99 |
| 624 | 10'x5' Tyvek Banner | 897466 | 1 | \$348.99 | \$261.74 |
| 625 | Polypropylene Banners | | | Retail | |
| 626 | 4'x2' Polypropylene Banner | 897493 | 1 | \$19.99 | \$14.99 |
| 627 | 6'x2' Polypropylene Banner | 897529 | 1 | \$59.99 | \$44.99 |
| 628 | 8'x2' Polypropylene Banner | 897547 | 1 | \$79.99 | \$59.99 |
| 629 | 10'x2' Polypropylene Banner | 897583 | 1 | \$99.99 | \$74.99 |
| 630 | 5'x42" Polypropylene Banner | 897502 | 1 | \$89.99 | \$67.49 |
| 631 | 8'x42" Polypropylene Banner | 897574 | 1 | \$139.99 | \$104.99 |
| 632 | 8'x5' Polypropylene Banner | 897556 | 1 | \$199.99 | \$149.99 |
| 633 | 10'x42" Polypropylene Banner | 897628 | 1 | \$174.99 | \$131.24 |
| 634 | 10'x5' Polypropylene Banner | 897619 | 1 | \$249.99 | \$187.49 |
| 635 | Outdoor Durable Banners - Reinforced with Lamination | | | Retail | |
| 636 | 5'x3' Outdoor Vinyl Banner | 898537 | 1 | \$299.99 | \$224.99 |
| 637 | 8'x3' Outdoor Vinyl Banner | 898492 | 1 | \$479.99 | \$359.99 |
| 638 | 12'x3' Outdoor Vinyl Banner | 898519 | 1 | \$699.99 | \$524.99 |
| 639 | 12'x4' Outdoor Vinyl Banner | 898564 | 1 | \$899.99 | \$674.99 |
| 640 | Bannerstands | | | | |
| 641 | Retractable Bannerstands | | | Retail | |
| 642 | 24"x85" - Black Frame - Printed on Poly or Scrim | 282969 | 1 | \$149.99 | \$112.49 |
| 643 | 24"x85" - Silver Frame - Printed on Poly or Scrim | 897646 | 1 | \$149.99 | \$112.49 |
| 644 | Replacement Graphic Only - Printed on Poly or Scrim | 897718 | 1 | \$69.99 | \$52.49 |
| 645 | X-Frame Bannerstands | | | Retail | |
| 646 | 24"x70" Printed on Poly with Grommets in each Corner + Stand | 897682 | 1 | \$99.99 | \$74.99 |
| 647 | 24"x70" Replacement Graphic Only Printed on Poly with Grommets in Each Corner | 897709 | 1 | \$49.99 | \$37.49 |
| 648 | 24"x70" Hardware Only X Frame | 897889 | 1 | \$59.99 | \$44.99 |
| 649 | Sandwich Boards/A-Frames | | | Retail | |
| 650 | A-Frame - 25"x45" White PVC Frame - Includes 2 Prints 24x36 Laminated on 26# | 897673 | 1 | \$149.99 | \$112.49 |

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| 651 | A-Frame - Replacement Graphics Only - Includes 2 Laminated Prints | 897754 | 1 | \$69.99 | \$52.49 |
| 652 | Floor Decals | | | Retail | |
| 653 | Removable Floor Decal - 12"x12" | 898267 | 1 | \$14.99 | \$11.24 |
| 654 | Removable Floor Decal - 18"x24" | 898276 | 1 | \$39.99 | \$29.99 |
| 655 | Window Decals | | | Retail | |
| 656 | Removable Window Decal - 24"x36" | 898339 | 1 | \$34.99 | \$26.24 |
| 657 | Removable Window Decal - 36"x48" | 898348 | 1 | \$69.99 | \$52.49 |
| 658 | Posters/Banners Custom Sizes - Per Sq Foot | | | Retail | |
| 659 | Heavyweight Bond 55# | 897817 | 1 | \$6.99 | \$5.24 |
| 660 | Semi Gloss | 897844 | 1 | \$7.49 | \$5.62 |
| 661 | Satin Photo | 897826 | 1 | \$6.99 | \$5.24 |
| 662 | Tyvek | 897862 | 1 | \$6.99 | \$5.24 |
| 663 | Doorhangers (Special Order - Glossy 2up & 3up) | | | Retail | |
| 664 | Doorhanger 80# Gloss Cover - 2up | 317148 | 1 | \$0.99 | \$0.74 |
| 665 | Doorhanger 80# Gloss Cover - 3up | 317274 | 1 | \$0.99 | \$0.74 |
| 666 | Shredding | | | Retail | |
| 667 | In Store Shredding - Shredding Bin / Per Pound | 210762 | 1 | \$0.99 | \$0.74 |
| 668 | In Store Bulk Pickup / Per Pound | 804957 | 1 | \$0.99 | \$0.74 |
| 669 | B2B Remote Pickup (Ordered in Store per SOP 1.44) 5 Box Min | 395853 | 1 | \$100.00 | \$75.00 |
| 670 | B2B Remote Pickup / Each additional box | 395907 | 1 | \$0.99 | \$0.74 |
| 671 | Premium Laser | | | Retail | |
| 672 | 28# Laser Paper - Ledger | 316473 | 1 | \$0.05 | \$0.030 |
| 673 | OD Brand Calendars | | | Retail | |
| 674 | Premium 8.2 x 11 Year in a View | 346794 | 1 | \$3.99 | \$2.99 |
| 675 | Premium 11 x 17 Year in a View | 346686 | 1 | \$5.99 | \$4.49 |
| 676 | Lay Flat Paper - For Book Binding - Portrait Orientation | | | Retail | |
| 677 | Layflat Paper - Book Binding - Portrait Oriented Books | 383127 | 1 | \$0.59 | \$0.44 |
| 678 | Doorhangers 67# Vellum (3up) | | | Retail | |
| 679 | White | 395943 | 1 | \$0.59 | \$0.44 |
| 680 | Blue | 395979 | 1 | \$0.69 | \$0.52 |
| 681 | Canary | 395997 | 1 | \$0.69 | \$0.52 |
| 682 | Gold | 396006 | 1 | \$0.69 | \$0.52 |
| 683 | Green | 396042 | 1 | \$0.69 | \$0.52 |
| 684 | Ivory | 396078 | 1 | \$0.69 | \$0.52 |
| 685 | Pink | 396087 | 1 | \$0.69 | \$0.52 |
| 686 | Posters/Banners Custom Sizes - Per Sq Foot | | | Retail | |
| 687 | Polypropylene | 396213 | 1 | \$4.99 | \$3.74 |
| 688 | Wafer Seals | | | Retail | |
| 689 | Wafer Seal (Clear or White) Includes Seal + Labor | 751005 | 1 | \$0.10 | \$0.070 |
| 690 | 110 LB Pastel Index - Ledger | | | Retail | |
| 691 | Green | 976986 | 1 | \$0.15 | \$0.090 |
| 692 | Blue | 977004 | 1 | \$0.15 | \$0.090 |
| 693 | Canary | 977013 | 1 | \$0.15 | \$0.090 |
| 694 | Ivory | 977076 | 1 | \$0.15 | \$0.090 |
| 695 | Ledger 110# (Limited Colors) | 861397 | 1 | \$0.15 | \$0.11 |
| 696 | Glue Strip Cover Bind | 686302 | 1 | \$0.89 | \$0.67 |
| 697 | Clear Film PSF | 686338 | 1 | \$1.49 | \$1.12 |
| 698 | Matte Film PSF | 686347 | 1 | \$1.49 | \$1.12 |
| 699 | Semi Gloss Display Film | 686356 | 1 | \$3.99 | \$2.99 |
| 700 | Adhesive Matte Poly | 686374 | 1 | \$3.99 | \$2.99 |
| 701 | Poster, Color, Semi, 16x20, ND | 228937 | 1 | \$5.33 | \$4.00 |
| 702 | Poster, Color, 55#, 16x20, ND | 228946 | 1 | \$5.33 | \$4.00 |
| 703 | Poster, Color, Satin, 16x20, ND | 228955 | 1 | \$6.66 | \$5.00 |

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|-----|----------------------------------|--------|---|---------|---------|
| 704 | Poster,Color,Semi,Mount,16x20,ND | 228964 | 1 | \$8.33 | \$6.25 |
| 705 | Poster,Color,Semi,Mount,18x24,ND | 229018 | 1 | \$8.33 | \$6.25 |
| 706 | Banner,Outdoor, Scrm,3x8,ND | 229027 | 1 | \$19.99 | \$14.99 |
| 707 | YardSign,Coroplast,18x24,ND | 229036 | 1 | \$6.66 | \$5.00 |
| 708 | Poster,Color,Semi,24x36,ND | 229837 | 1 | \$6.66 | \$5.00 |
| 709 | Poster,Color,Semi,36x48,ND | 229846 | 1 | \$5.83 | \$4.37 |
| 710 | Poster,Color,Semi,40x60,ND | 229855 | 1 | \$4.70 | \$3.53 |
| 711 | Poster,Color,Semi,18X24,ND | 229063 | 1 | \$5.33 | \$4.00 |
| 712 | Poster,55#,Print Only,18x24,ND | 229090 | 1 | \$5.33 | \$4.00 |
| 713 | Poster,Satin,Print Only 18x24,ND | 229099 | 1 | \$6.66 | \$5.00 |
| 714 | Poster,55#,Laminate,16x20,ND | 229873 | 1 | \$6.66 | \$5.00 |
| 715 | Poster,55#,Laminate,18x24,ND | 229882 | 1 | \$6.66 | \$5.00 |
| 716 | Poster,55#,Laminate,24x36,ND | 229909 | 1 | \$4.99 | \$3.74 |
| 717 | Poster,55#,Laminate,36x48,ND | 229918 | 1 | \$4.99 | \$3.74 |
| 718 | Poster,55#,Laminate,40x60,ND | 229936 | 1 | \$4.11 | \$3.08 |
| 719 | Poster,55#,Mount,16x20,ND | 229117 | 1 | \$8.33 | \$6.25 |
| 720 | Poster,55#,Mount,18x24,ND | 229126 | 1 | \$8.33 | \$6.25 |
| 721 | Poster,55#,Mount,24x36,ND | 229945 | 1 | \$6.66 | \$5.00 |
| 722 | Poster,55#,Mount,36x48,ND | 229954 | 1 | \$5.83 | \$4.37 |
| 723 | Poster,55#,Mount,40x60,ND | 229972 | 1 | \$4.70 | \$3.53 |
| 724 | Poster,55#,Mount,Lam,16x20,ND | 229135 | 1 | \$9.99 | \$7.49 |
| 725 | Poster,55#,Mount,Lam,18x24,ND | 229162 | 1 | \$9.99 | \$7.49 |
| 726 | Poster,55#,Mount,Lam,24x36,ND | 229180 | 1 | \$8.33 | \$6.25 |
| 727 | Poster,55#,Mount,Lam,36x48,ND | 229189 | 1 | \$6.66 | \$5.00 |
| 728 | Poster,55#,Mount,Lam,40x60,ND | 230008 | 1 | \$5.29 | \$3.97 |
| 729 | Poster,24#,Print Only,16X20,ND | 229198 | 1 | \$0.99 | \$0.74 |
| 730 | Poster,24#,Print Only,18x24,ND | 229216 | 1 | \$1.33 | \$1.00 |
| 731 | Poster,24#,Print Only,24x36,ND | 229225 | 1 | \$1.33 | \$1.00 |
| 732 | Poster,24#,Laminate,16x20,ND | 230017 | 1 | \$1.99 | \$1.49 |
| 733 | Poster,24#,Laminate,18x24,ND | 230026 | 1 | \$2.33 | \$1.75 |
| 734 | Poster,24#,Laminate,24x36,ND | 230035 | 1 | \$1.83 | \$1.37 |
| 735 | Poster,24#,Mount,16x20,ND | 229243 | 1 | \$4.33 | \$3.25 |
| 736 | Poster,24#,Mount,18x24,ND | 229270 | 1 | \$4.99 | \$3.74 |
| 737 | Poster,24#,Mount,24x36,ND | 230044 | 1 | \$3.33 | \$2.50 |
| 738 | Poster,24#,Mount,Lam,16x20,ND | 229279 | 1 | \$5.33 | \$4.00 |
| 739 | Poster,24#,Mount,Lam,18x24,ND | 229315 | 1 | \$5.99 | \$4.49 |
| 740 | Poster,24#,Mount,Lam,24x36,ND | 229324 | 1 | \$4.16 | \$3.12 |
| 741 | Poster,Semi,Print,24x36,ND | 229333 | 1 | \$4.16 | \$3.12 |
| 742 | Poster,55#,Print Only,24x36,ND | 229342 | 1 | \$4.16 | \$3.12 |
| 743 | Poster,Satin,Print Only 24x36,ND | 229378 | 1 | \$6.66 | \$5.00 |
| 744 | Poster,26#,Laminate,36x48,ND | 230062 | 1 | \$3.66 | \$2.75 |
| 745 | Poster,26#,Laminate,40x60,ND | 230089 | 1 | \$3.17 | \$2.38 |
| 746 | Poster,26#,Mount,16x20,ND | 229387 | 1 | \$6.66 | \$5.00 |
| 747 | Poster,26#,Mount,18x24,ND | 229396 | 1 | \$6.66 | \$5.00 |
| 748 | Poster,26#,Mount,24x36,ND | 230107 | 1 | \$4.99 | \$3.74 |
| 749 | Poster,26#,Mount,36x48,ND | 230125 | 1 | \$4.16 | \$3.12 |
| 750 | Poster,26#,Mount,40x60,ND | 230134 | 1 | \$3.52 | \$2.64 |
| 751 | Poster,26#,Mount,Lam,36x48,ND | 229414 | 1 | \$4.99 | \$3.74 |
| 752 | Poster,26#,Mount,Lam,40x60,ND | 230143 | 1 | \$4.11 | \$3.08 |
| 753 | Poster,Semi,Print,36x48,ND | 229432 | 1 | \$4.16 | \$3.12 |
| 754 | Poster,55#,Print Only,36x48,ND | 229459 | 1 | \$4.16 | \$3.12 |
| 755 | Poster,26#,Print Only,36x48,ND | 229477 | 1 | \$3.33 | \$2.50 |
| 756 | Poster,Gloss,Print,36x48,ND | 229495 | 1 | \$4.16 | \$3.12 |
| 757 | Poster,Satin,Print,36x48,ND | 229513 | 1 | \$6.66 | \$5.00 |
| 758 | Poster,Gloss,Mount,36x48,ND | 230170 | 1 | \$5.83 | \$4.37 |

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|-----|-----------------------------------|--------|---|---------|---------|
| 759 | Poster,Gloss,Mount,40x60,ND | 230188 | 1 | \$4.70 | \$3.53 |
| 760 | Poster,Semi,Print,40x60,ND | 230206 | 1 | \$3.52 | \$2.64 |
| 761 | Poster,55#,Print Only,40x60,ND | 230215 | 1 | \$3.52 | \$2.64 |
| 762 | Poster,26#,Print Only,40x60,ND | 230233 | 1 | \$2.94 | \$2.21 |
| 763 | Poster,Gloss,Print, 40x60,ND | 230260 | 1 | \$3.52 | \$2.64 |
| 764 | Poster,Satin,Print Only,40x60,ND | 230269 | 1 | \$5.29 | \$3.97 |
| 765 | Poster,Satin,Mount,16x20,ND | 229522 | 1 | \$9.99 | \$7.49 |
| 766 | Poster,Satin,Mount,18x24,ND | 229540 | 1 | \$9.99 | \$7.49 |
| 767 | Poster,Satin,Mount,24x36,ND | 230278 | 1 | \$8.33 | \$6.25 |
| 768 | Poster,Satin,Mount,36x48,ND | 230287 | 1 | \$8.33 | \$6.25 |
| 769 | Poster,Satin,Mount,40x60,ND | 230314 | 1 | \$6.47 | \$4.85 |
| 770 | Banner,Scrim,Indoor,4x2,ND | 229558 | 1 | \$6.24 | \$4.68 |
| 771 | Banner,Scrim,Indoor,5x42,ND | 230323 | 1 | \$6.94 | \$5.21 |
| 772 | Banner,Scrim,Indoor,8x5,ND | 230332 | 1 | \$6.97 | \$5.23 |
| 773 | Banner,Scrim,Indoor,8x42,ND | 230350 | 1 | \$6.96 | \$5.22 |
| 774 | Banner,Scrim,Indoor,10x5,ND | 230377 | 1 | \$6.97 | \$5.23 |
| 775 | Banner,Scrim,Indoor,10x42,ND | 230386 | 1 | \$6.97 | \$5.23 |
| 776 | Banner,Indoor,Tyvek,4x2,ND | 229576 | 1 | \$6.24 | \$4.68 |
| 777 | Banner,Indoor,Tyvek,5x42,ND | 230404 | 1 | \$6.94 | \$5.21 |
| 778 | Banner,Indoor,Tyvek,6x2,ND | 230413 | 1 | \$6.91 | \$5.18 |
| 779 | Banner,Indoor,Tyvek,8x2,ND | 230422 | 1 | \$6.87 | \$5.15 |
| 780 | Banner,Indoor,Tyvek,8x5,ND | 230449 | 1 | \$6.97 | \$5.23 |
| 781 | Banner,Indoor,Tyvek,8x42,ND | 230467 | 1 | \$6.96 | \$5.22 |
| 782 | Banner,Indoor,Tyvek,10x2,ND | 230476 | 1 | \$6.94 | \$5.21 |
| 783 | Banner,Indoor,Tyvek,10x5,ND | 230485 | 1 | \$6.97 | \$5.23 |
| 784 | Banner,Indoor,Tyvek,10x42,ND | 230503 | 1 | \$6.97 | \$5.23 |
| 785 | Banner,Indoor,Poly,4x2,ND | 229585 | 1 | \$2.49 | \$1.87 |
| 786 | Banner,Indoor,Poly,5x42,ND | 230530 | 1 | \$4.99 | \$3.74 |
| 787 | Banner,Indoor,Poly,6x2,ND | 230602 | 1 | \$4.99 | \$3.74 |
| 788 | Banner,Indoor,Poly,8x2,ND | 230629 | 1 | \$4.99 | \$3.74 |
| 789 | Banner,Indoor,Poly,8x5,ND | 230638 | 1 | \$4.99 | \$3.74 |
| 790 | Banner,Indoor,Poly,8x42,ND | 230647 | 1 | \$4.99 | \$3.74 |
| 791 | Banner,Indoor,Poly,10x2,ND | 230665 | 1 | \$4.99 | \$3.74 |
| 792 | Banner,Indoor,Poly,10x5,ND | 230674 | 1 | \$4.99 | \$3.74 |
| 793 | Banner,Indoor,Poly,10x42,ND | 230710 | 1 | \$4.99 | \$3.74 |
| 794 | BannerStand,Scrim,Retr,24x 85,ND | 230719 | 1 | \$9.99 | \$7.49 |
| 795 | Sandbrd,26#,Lam, 24x36,ND | 229594 | 1 | \$24.99 | \$18.74 |
| 796 | X stand,Poly,24x70,ND | 230728 | 1 | \$8.33 | \$6.25 |
| 797 | Xstand,Poly,Replac,Graph,24x70,ND | 230737 | 1 | \$4.16 | \$3.12 |
| 798 | Bannerstand,Scrm,RepliceGrph,ND | 229639 | 1 | \$4.66 | \$3.50 |
| 799 | Sandbrd,ReplacGrph,24x36,ND | 229648 | 1 | \$11.66 | \$8.75 |
| 800 | Poster,24#,PSQF,ND | 229657 | 1 | \$1.99 | \$1.49 |
| 801 | Sign, Adhesive Vinyl,PSQF,ND | 229684 | 1 | \$5.99 | \$4.49 |
| 802 | Sign,Backlit Media,PSQF,ND | 229693 | 1 | \$6.99 | \$5.24 |
| 803 | Poster,55#,PSQF,ND | 229720 | 1 | \$6.99 | \$5.24 |
| 804 | Poster,Satin,PSQF,ND | 229810 | 1 | \$6.99 | \$5.24 |
| 805 | Poster,Semi, PSQF,ND | 229819 | 1 | \$7.49 | \$5.62 |
| 806 | Banner,Tyvek,PSQF,ND | 229828 | 1 | \$6.99 | \$5.24 |
| 807 | Yard Sign,Single Side,18x24,ND | 230764 | 1 | \$6.66 | \$5.00 |
| 808 | Yard Sign,Double Side, 18x24,ND | 230773 | 1 | \$8.33 | \$6.25 |
| 809 | Sign,Magnetic,Indoor,12x18,ND | 230782 | 1 | \$7.49 | \$5.62 |
| 810 | Sign,Magnetic,Indoor,12x24,ND | 230800 | 1 | \$9.99 | \$7.49 |
| 811 | Sign,Magnetic,Indoor,18x24,ND | 230818 | 1 | \$8.33 | \$6.25 |
| 812 | Sign,Magnetic,Outdoor,12x18,ND | 230827 | 1 | \$12.49 | \$9.37 |
| 813 | Sign,Magnetic,Outdoor,12x24,ND | 230836 | 1 | \$14.99 | \$11.24 |

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| 814 | Sign,Magnetic,Outdoor,18x24,ND | 230845 | 1 | \$13.33 | \$10.00 |
| 815 | Decal,Floor,Permanent 12x12,ND | 230863 | 1 | \$11.99 | \$8.99 |
| 816 | Decal,Floor,Permanent 18x24,ND | 230899 | 1 | \$11.66 | \$8.75 |
| 817 | Decal,Floor,Permanent,PSF,ND | 230908 | 1 | \$11.99 | \$8.99 |
| 818 | Decal,Floor,Remove,12x12,ND | 230917 | 1 | \$14.99 | \$11.24 |
| 819 | Decal,Floor,Remove,18x24,ND | 230926 | 1 | \$13.33 | \$10.00 |
| 820 | Decal,Floor,Remove,PSQ,ND | 230944 | 1 | \$14.99 | \$11.24 |
| 821 | Decal,Window,Removable,24x36,ND | 230962 | 1 | \$5.83 | \$4.37 |
| 822 | Decal,Window,Removable,36x48,ND | 230980 | 1 | \$5.83 | \$4.37 |
| 823 | Decal,Window,Removable,PSQ,ND | 231007 | 1 | \$5.99 | \$4.49 |
| 824 | Decal,Window,Permanent,24x36,ND | 231016 | 1 | \$9.99 | \$7.49 |
| 825 | Decal,Window,Permanent,36x48,ND | 231025 | 1 | \$9.16 | \$6.87 |
| 826 | Decal,Window,Permanent,PSQ,ND | 231034 | 1 | \$9.99 | \$7.49 |
| 827 | Sign,Rigid,Mnt,Fmbrd,18x24,ND | 231052 | 1 | \$6.66 | \$5.00 |
| 828 | Sign,Rigid,Mnt,Fmbrd,24x36,ND | 231070 | 1 | \$4.99 | \$3.74 |
| 829 | Banner, Outdoor,Scrim,3x8,ND | 231079 | 1 | \$19.99 | \$14.99 |
| 830 | Banner, Outdoor,Scrim,3x12,ND | 231097 | 1 | \$19.44 | \$14.58 |
| 831 | Banner, Outdoor,Scrim,3x5,ND | 231106 | 1 | \$19.99 | \$14.99 |
| 832 | Banner, Outdoor,Scrim,4x12,ND | 231115 | 1 | \$18.74 | \$14.06 |
| 833 | Perforating Per Sheet | 477137 | 1 | \$0.03 | \$0.020 |
| 834 | Scoring Per Sheet | 477263 | 1 | \$0.03 | \$0.020 |
| 835 | Finishing, Notebook, Perf | 852379 | 1 | \$0.03 | \$0.010 |
| 836 | Finishing, Calendar, Perf | 852397 | 1 | \$0.03 | \$0.010 |
| 837 | Finishing, Raffle, Perf | 852406 | 1 | \$0.03 | \$0.010 |
| 838 | Finishing,Postcard, Perf | 852433 | 1 | \$0.03 | \$0.010 |
| 839 | Finishing,Vertical,Score | 852469 | 1 | \$0.03 | \$0.010 |
| 840 | Finishing,Horizontal,Score | 852478 | 1 | \$0.03 | \$0.010 |
| 841 | Finishing,Trifold,Score | 852487 | 1 | \$0.03 | \$0.010 |
| 842 | Special Handling and Processing-Fees | | | Retail | |
| 843 | Custom Route Label Per Case | 125759 | 1 | \$2.00 | \$1.50 |
| 844 | Custom Route Label and Shrinkwrap Packs Per Case | 125777 | 1 | \$5.00 | \$3.50 |
| 845 | Special Shipping Requirements (Palletizing by Location) or manifest needs | 893018 | 1 | \$10.00 | \$7.50 |
| 846 | Special Shipping Service Requirements (Expedited Shipping Services) | | | Calculated at the time of shipment | Customer will be charged the fees charged to Office Depot by the carrier. |
| Additional Sku's | | Sku | | Retail | TCPN price |
| FS B&W LGL DS 20# WHT | | 337701 | 1 | \$0.16 | \$0.042 |
| FS B&W LTR DS 20# WHT | | 970913 | 1 | \$0.14 | \$0.042 |
| Premium Presentation | | 556523 | 1 | \$7.50 | \$4.500 |
| 8X5FB Pad 25 Sheet 4 Pack | | 426409 | 1 | \$13.46 | \$8.090 |
| Re-Entry Red, 24#, Text, LTR | | 151979 | 1 | \$0.03 | \$0.023 |
| Terra Green, 24#, Text, LTR | | 159726 | 1 | \$0.03 | \$0.023 |
| Terra Green, 65#, Card LTR | | 267969 | 1 | \$0.07 | \$0.053 |
| Fireball Fuschia,24#,Text, LTR | | 271670 | 1 | \$0.03 | \$0.023 |
| Solar Yellow, 24#, Text, LTR | | 281123 | 1 | \$0.03 | \$0.023 |
| Galaxy Gold, 24#, Text, LTR | | 312211 | 1 | \$0.03 | \$0.023 |
| Cosmic Orange, 65#, Card LTR | | 339278 | 1 | \$0.07 | \$0.053 |
| Lift Off Lemon, 24#, Text, LTR | | 351026 | 1 | \$0.03 | \$0.023 |
| Lunar Blue, 24#, Text, LDG | | 401678 | 1 | \$0.06 | \$0.030 |
| Rocket Red, 24#, Text, LTR | | 427566 | 1 | \$0.03 | \$0.023 |
| Lift Off Lemon, 24#, Text, 8.5 | | 520019 | 1 | \$0.03 | \$0.023 |
| Lunar Blue, 65#, Card LTR | | 528431 | 1 | \$0.07 | \$0.053 |
| Lunar Blue, 24#, Text, LTR | | 582893 | 1 | \$0.03 | \$0.023 |

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| Rocket Red, 24#, Text, LDG | 597153 | 1 | \$0.06 | \$0.030 |
| Gamma Green, 24#, Text, LTR | 758478 | 1 | \$0.03 | \$0.023 |
| Pulsar Pink, 65#, Card LTR | 786574 | 1 | \$0.07 | \$0.053 |
| Re-Entry Red, 65#, Card LTR | 800483 | 1 | \$0.07 | \$0.053 |
| Pulsar Pink, 24#, Text, LTR | 808801 | 1 | \$0.03 | \$0.023 |
| Lift Off Lemon, 24#, Text, LDG | 874673 | 1 | \$0.06 | \$0.030 |
| Cosmic Orange, 24#, Text, LTR | 882512 | 1 | \$0.03 | \$0.023 |
| Solar Yellow, 65#, Card LTR | 902453 | 1 | \$0.07 | \$0.053 |
| Green, 110#, Card, LTR | 241109 | 1 | \$0.06 | \$0.045 |
| Blue, 110#, Card, LTR | 287778 | 1 | \$0.06 | \$0.045 |
| Canary, 20#, Text, LTR | 424823 | 1 | \$0.02 | \$0.015 |
| Blue, 20#, Text, LTR | 425181 | 1 | \$0.02 | \$0.015 |
| Blue, 20#, Text, LDG | 483627 | 1 | \$0.04 | \$0.030 |
| Goldenrod, 20#, Text, 8.5x11 | 485594 | 1 | \$0.02 | \$0.015 |
| Canary, 110#, Card, LTR | 716369 | 1 | \$0.06 | \$0.045 |
| Pink, 20#, Text, LTR | 794084 | 1 | \$0.02 | \$0.015 |
| Green, 20#, Text, LDG | 808653 | 1 | \$0.04 | \$0.030 |
| Ivory, 20#, Text, LDG | 817097 | 1 | \$0.04 | \$0.030 |
| Ivory, 20#, Text, LTR | 871592 | 1 | \$0.02 | \$0.015 |
| Green, 20#, Text, LTR | 873695 | 1 | \$0.02 | \$0.015 |
| Ivory, 110#, Card, LTR | 984833 | 1 | \$0.06 | \$0.045 |
| HAND PLACE | 239207 | 1 | \$0.25 | \$0.150 |
| HAND COLLATE | 630093 | 1 | \$0.05 | \$0.030 |
| AFFIX,LABEL,HAND | 669542 | 1 | \$0.05 | \$0.038 |
| SCANNING DOC HANDLER, EA | 344807 | 1 | \$0.25 | \$0.190 |
| SCANNING HAND PLACE, EA | 430122 | 1 | \$2.99 | \$2.240 |
| SCANNING, DOC, PAGE1 | 842070 | 1 | \$2.99 | \$2.240 |
| BURN TO CD /DVD - EACH | 865553 | 1 | \$2.99 | \$2.240 |
| CVRBIND SFTCVR NAVY | 632024 | 1 | \$2.99 | \$2.240 |
| CVRBIND SFTCVR NAVY | 630977 | 1 | \$2.99 | \$2.240 |
| CVRBIND SFTCVR PAPER | 982562 | 1 | \$2.99 | \$2.240 |
| White, 70#, Text, 11x17 | 101579 | 1 | \$0.05 | \$0.028 |
| White, 8Pt, Gloss CVR, LDG | 182948 | 1 | \$0.30 | \$0.169 |
| White, 70#, Text, 8.5x14 | 222987 | 1 | \$0.04 | \$0.023 |
| White, 10Pt, Gloss CVR, LDG | 237914 | 1 | \$0.50 | \$0.281 |
| White, 20#, Text, 12x18 | 267071 | 1 | \$0.02 | \$0.011 |
| White, 80#, Gloss CVR, 12x18 | 311317 | 1 | \$0.42 | \$0.236 |
| White, 8Pt, Gloss CVR, 12x18 | 346964 | 1 | \$0.32 | \$0.180 |
| White, 12Pt, Gloss CVR, LDG | 359117 | 1 | \$0.90 | \$0.506 |
| White, 65#, Cardstock, 12x18 | 363927 | 1 | \$0.18 | \$0.101 |
| White, 24#, Text, 8.5x11 | 409514 | 1 | \$0.03 | \$0.015 |
| White, 100#, Gloss Cover, 12x1 | 414134 | 1 | \$0.47 | \$0.264 |
| White, 70#, Text, 8.5x11 | 512018 | 1 | \$0.03 | \$0.017 |
| White, 80#, Gloss Text, 12x18 | 581918 | 1 | \$0.11 | \$0.062 |
| White, 110#, Cardstock, LDG | 585806 | 1 | \$0.15 | \$0.090 |
| White, 28#, Text, 8.5x14 | 669356 | 1 | \$0.04 | \$0.020 |
| White, 24#, Text, 8.5x14 | 713990 | 1 | \$0.04 | \$0.015 |
| White, 65#, Cardstock, 8.5x11 | 723614 | 1 | \$0.08 | \$0.053 |
| White, 70#, Text, 12x18 | 746238 | 1 | \$0.06 | \$0.034 |
| White, 28#, Text, 8.5x11 | 746882 | 1 | \$0.03 | \$0.015 |
| White, 12Pt, Gloss Cover, 12x1 | 751289 | 1 | \$0.92 | \$0.518 |
| White, 24#, Text, 12x18 | 775577 | 1 | \$0.06 | \$0.036 |
| White, 110#, Cardstock, 12x18 | 779498 | 1 | \$0.17 | \$0.900 |
| White, 10Pt, Gloss CVR, 12x18 | 789032 | 1 | \$0.52 | \$0.293 |
| White, 65#, Cardstock, 11x17 | 826316 | 1 | \$0.16 | \$0.106 |

| | | | | |
|--------------------------------|--------|---|---------|----------|
| White, 28#, Text, 12x18 | 874569 | 1 | \$0.06 | \$0.034 |
| PAPER, TABS, MYLAR, CLEAR, 5BA | 406652 | 1 | \$1.79 | \$1.007 |
| White, 24#, 100% Cotton | 216904 | 1 | \$0.15 | \$0.084 |
| Ivory, 24#, 25% Cotton | 390623 | 1 | \$0.10 | \$0.056 |
| White, 24#, 25% Cotton | 426477 | 1 | \$0.10 | \$0.056 |
| Gray, 24#, 25% Cotton | 470586 | 1 | \$0.10 | \$0.056 |
| Natural Fiber, 24#, 25% Cotton | 824025 | 1 | \$0.10 | \$0.056 |
| 5 Bank Tabs, Mylar Coated, 9x | 193004 | 1 | \$0.79 | \$0.590 |
| Labels-2up, Text, 8.5x11 | 227528 | 1 | \$0.75 | \$0.422 |
| PAPER, 24# LASR WHITE LGL | 275610 | 1 | \$0.03 | \$0.015 |
| PAPER, 24# LASR WHITE LTR | 280025 | 1 | \$0.03 | \$0.015 |
| FS CLR 24# GLSS 8.5x11 3UP DS | 332375 | 1 | \$20.00 | \$12.000 |
| Labels - Full Sheet, Text, 8. | 385028 | 1 | \$0.75 | \$0.422 |
| Layflat Paper, Text, 8.5x11 | 388877 | 1 | \$0.59 | \$0.440 |
| Greeting Cards, 10Pt, Gloss Co | 391818 | 1 | \$0.39 | \$0.219 |
| Pres Fldr, 10pt gloss | 424697 | 1 | \$2.99 | \$2.610 |
| Brochure - BiFold, 100#, Gloss | 578322 | 1 | \$0.39 | \$0.293 |
| White, 20#, 30%Recycle, LGL | 636764 | 1 | \$0.02 | \$0.010 |
| Window Cling Clear, Text, 8.5 | 706272 | 1 | \$1.99 | \$1.119 |
| Labels-10up, Text, 8.5x11 | 757355 | 1 | \$0.75 | \$0.422 |
| White, 20#, 30%Recycle, LTR | 772772 | 1 | \$0.02 | \$0.010 |
| White, 20#, 30%Recycle, LDG | 793904 | 1 | \$0.04 | \$0.020 |
| Table Tents - 3 sided, 80#, GI | 819077 | 1 | \$0.79 | \$0.490 |
| TblTnts 2side 80# Gls Cvr | 837786 | 1 | \$0.69 | \$0.388 |
| Raffle Tickets, 80#, Gloss Cov | 850647 | 1 | \$0.79 | \$0.444 |
| Labels-33up, Text, 8.5x11 | 935640 | 1 | \$0.75 | \$0.422 |
| 25 Pack Brochure - In Store | 972731 | 1 | \$0.14 | \$0.079 |
| FS CLR DRHANGR GLSS 2UP DS 500 | 938543 | 1 | \$30.00 | \$16.875 |
| Integrated Card, 28#, Text, 8. | 958737 | 1 | \$0.59 | \$0.332 |
| PAPER, 24# LASR WHITE LDG | 994070 | 1 | \$0.05 | \$0.020 |
| 4X4- 2 Sided Thank You Card | 399468 | 1 | \$28.50 | \$16.031 |

**PRINCIPAL PROCUREMENT AGENCY CERTIFICATE
EXHIBIT A-1
OFFICE SUPPLIES**

This PRINCIPAL PROCUREMENT AGENCY CERTIFICATE, EXHIBIT A-1, is effective _____, 2016, by and between the City of Tamarac, Florida (the "City") and National Intergovernmental Purchasing Alliance Company ("National IPA").

WHEREAS City issued Request for Proposal Document No. 13-23R – Office Supplies (the "RFP") on August 4, 2013;

WHEREAS Office Depot, Inc., responded to the RFP and was awarded the resultant contract effective October 18, 2013 ("Master Agreement");

NOW THEREFORE, City, in its capacity as a Principal Procurement Agency for National IPA, agrees to make available the Master Agreement for Office Supplies in the National IPA portfolio to National IPA registered participants.

Authorized Signature: City of Tamarac, Florida

NATIONAL INTERGOVERNMENTAL
PURCHASING ALLIANCE COMPANY

Signature

Signature

Name

Name Ward H. Brown

Title

Title Chief Operating Officer

Date

Date

Rebate Agreement

The City of Tamarac, Florida (herein "Principal Procurement Agency") has entered into a Master Agreement dated October 18, 2013, Resolution No. R-2013-110, by and between the Principal Procurement Agency and Office Depot, Inc. (herein "Supplier"), (as may be amended from time to time in accordance with the terms thereof, the "Master Agreement"), for the purchase of Office Supplies (herein "Product").

Based upon its marketing of the Master Agreement, National Intergovernmental Purchasing Alliance Company ("National IPA") receives administrative fees from the Supplier and based upon such administrative fees shall make an annual rebate payment ("PPA Rebate") to Principal Procurement Agency.

The annual PPA Rebate for the Master Agreement shall be equal to ____% of National IPA's administrative fees received for purchases of Product for each contract year under the Master Agreement. The PPA Rebate shall be remitted to Principal Procurement Agency either no later than 45 days after the end of the respective Master Agreement fiscal year for which a PPA Rebate is required or no later than 45 days after National IPA receives, from the respective Supplier(s), all administrative fees due for the applicable Master Agreement contract year, whichever is later. Each annual PPA Rebate payment from National IPA shall include a remittance report detailing the calculation for the applicable contract year's PPA Rebate.

Principal Procurement Agency represents and warrants that its receipt of the PPA Rebate complies with federal, state and local law, including but not limited to any and all state specific procurement laws.

This Rebate Agreement shall commence on the __ day of _____, 2016 and remain in effect for the complete term and any renewal period(s), where applicable, of the Master Agreement.

The annual PPA Rebate specified in the Agreement shall be remitted to PPA exactly as shown below:

Name of PPA as it shall Appear on Actual Remittance

Address Where Remittance is to be mailed:

Rebate Agreement, continued

The Principal Procurement Agency agrees to allow National IPA to utilize its name in promotional and marketing materials for National IPA and for the Master Agreement to Participating Public Agencies and Suppliers (both terms as defined in the Master Agreement). National IPA agrees that all Master Agreement marketing materials are subject to review by the Principal Procurement Agency.

Principal Procurement Agency:
CITY OF TAMARAC, FLORIDA

NATIONAL INTERGOVERNMENTAL
PURCHASING ALLIANCE COMPANY

Signature

Signature

Name

Ward H. Brown
Name

Title

Chief Operating Officer
Title

Date

Date



Title - TR12852 - Colony West - Fourth Amendment to Purchase and Sale Agreement

A Resolution of the City Commission of the City of Tamarac, Florida, authorizing and directing the appropriate City officials to execute that certain Fourth Amendment to contract for Sale and Purchase, attached hereto as Exhibit "1", by and between the City of Tamarac, a municipal corporation and AD1 Tamarac Hotels, LLC, a Florida Limited Liability Company for the sale of a 2.24 (+/-) acre parcel of real property located on the east side of Pine Island Road, south of West McNab Road, known as a portion of Tract A, Colony West Clubhouse Plat, according to the Plat thereof, as recorded in Plat book 71, Page 18 of the public records of Broward County, Florida, being more particularly described in Exhibit "A", attached hereto and incorporated herein; providing for conflicts; providing for severability; and providing an effective date.

Commission District(s):

District 2

ATTACHMENTS:

| Description | Upload Date | Type |
|---------------------------------------|--------------------|-----------------|
| ❑ Memo | 9/21/2016 | Cover Memo |
| ❑ Resolution | 9/14/2016 | Resolution |
| ❑ Exhibit 1 - Fourth Amendment to PSA | 9/21/2016 | Exhibit |
| ❑ Exhibit A | 9/14/2016 | Exhibit |
| ❑ Appraisal Report | 9/14/2016 | Backup Material |
| ❑ Economic Impact Statement - Part 2 | 9/14/2016 | Backup Material |

CITY OF TAMARAC
INTEROFFICE MEMORANDUM (15-09-006M)
COMMUNITY DEVELOPMENT

TO: Michael C. Cernech,
City Manager

DATE: September 14, 2016

FROM: Maxine Calloway,
Director of Community Development

RE: TR # 12852: Authorization to
Execute Fourth Amendment
to Contract for Sale and
Purchase with AD1 Tamarac
Hotels LLC for Alternate
Property

Recommendation: The Director of Community Development recommends that the Mayor and City Commission approve the resolution authorizing the execution of a Fourth Amendment to the Contract for Sale and Purchase with AD1 Tamarac Hotels, LLC for the sale of a 2.2455 Acre "Alternate" property at its September 28, 2016 meeting.

Issue: City Commission authorization is needed for AD1 Tamarac Hotels, LLC (the "Buyer") to purchase and the City of Tamarac ("City") to conduct a sale of a 2.2455 Acre property known as "A Portion of Colony West Clubhouse Plat" ("Alternate Property") for the purpose of developing a hotel on the site.

Background: On November 10, 2015, the City approved Resolution R2015-118, authorizing the execution of a Contract for Sale and Purchase with AD1 Group, LLC ("Contract") for a certain 2.68 Acre real property located just south of the intersection of Pine Island Road and McNab Road, specifically on the east side of Pine Island Road, approximately 350 feet south of McNab Road in the City of Tamarac, Broward County, Florida (just south of the Walgreens and north of the Colony West Golf Club), zoned B-2, the City's Planned Community Business District (the "Property").

As a consequence of the ongoing inspections, and due to the proximity of the Property to the golf course, the Buyer encountered an elevated level of arsenic on a portion of the Property, thus rendering the need for additional inspections and potential remediation, necessitating the need for an extension of the Inspection Period. As such, on March 23, 2016, the City Commission approved Resolution R2016-28, authorizing the execution of a First Amendment to Contract for Sale and Purchase (the "First Amendment") and ratifying the City Managers March 17, 2016 execution of same, extending the one hundred and twenty (120) day Inspection Period for an additional sixty (60) days, providing for a total of one hundred eighty (180) day Inspection Period. In addition, the Resolution supporting the First Amendment authorized the City Manager to amend the Contract for Sale and Purchase, from time to time, but only for minor non-monetary changes or modifications consistent with the tenor of the original approval by this City Commission.

On May 11, 2016, the City Manager entered into a Second Amendment to Contract for Sale and Purchase, extending the Inspection Period an additional one hundred and twenty (120) days, providing for a total of a three hundred (300) day Inspection Period to allow the Buyer to explore relocating the hotel to the City's golf course property ("Alternate Property"). Specifically, it was determined that the relocation of the hotel to the Alternate Property, located on the City's golf course site, within the parking lot of the existing Colony West Club house, would serve as an ideal location and provide sufficient separation from residentially zoned properties.

Again, on May 31, 2016, the City Manager entered into an Assignment of Contract for Sale and Purchase, assigning the rights, title and privileges of the Contract for Sale and Purchase from AD1 Group, LLC to AD1 Tamarac Hotels LLC, the entity created for the hotel project.

On September 1, 2016, the City Manager entered into a Third Amendment to Contract for Sale and Purchase, extending the Inspection Period an additional thirty (30) days to allow for an aggregate Inspection Period of three hundred and thirty (330) days in order to garner sufficient time to properly schedule the matter of relocating the hotel to the Alternate Site for City Commission consideration.

After much exploration and inspection, it has been determined that the Alternate Property is an optimal location to place the Fairfield Inn by Marriott hotel, maximizing its proximity to the proposed newly constructed clubhouse while providing sufficient separation of the uses from residentially zoned properties. In furtherance of these findings, the Buyer is proposing a Fourth Amendment to the Contract for Sale and Purchase to acquire the Alternate Property and amend Exhibit "A" to the Contract to reflect the legal description of the Alternate Property. In addition, in an effort to convey clear title to the Buyer, the City and the Buyer desire to also modify the terms of the Contract to require the City to mitigate/remediate the arsenic contamination present on the Alternate Property. Buyer is also requesting an amendment to the date for the site plan application submittal (changing from 30 calendar days to 60 days following the expiration of the Inspection Period) and changing the Approvals Application Period from 365 days to 485 days (an additional 120 days) as well as a tax rebate against municipal ad valorem taxes equivalent to the first two (2) calendar years following the issuance of the certificate of occupancy for the hotel.

ANALYSIS: The Fourth Amendment to Contract for Sale and Purchase provides for the following four (4) amendments:

1. Amendment to Exhibit "A" to the Contract to reflect the legal description of the Alternate Property.

Exhibit "A" will be replaced with a survey and legal description of the 2.2455 Acre Alternate Property situated on a portion of Tract "A", Colony West Clubhouse Plat. Consistent with the requirements of Section 6-156.2 of the City of Tamarac Code of Ordinances, staff commissioned an appraisal in August 2016, which yielded a value of One Million Seven Hundred and Sixty Thousand (\$1,760,000.00) Dollars or Eighteen (\$18.00) Dollars per square foot of land area (see attached appraisal summary, full report is available in the City Clerk's office). No changes are being proposed to the agreed upon purchase price of One Million Four Hundred and Five Thousand Dollars (\$1,405,000.00).

2. Amendment to the Contract to add a new Section 7(c) requiring the City to remediate any and all environmental contamination currently located on or affecting the Property, and delivering to the Buyer an environmental report/study confirming the completion of such remediation, stating that the Alternate Property is suitable for development for its intended use.

Buyer performed a Phase II Environmental Site Assessment Report on the Alternate Property, prepared by LandScience, revealing certain levels of arsenic contamination along the northwest portions of the subject property covering three (3) areas: Area 1 is estimated to measure 79 feet wide by 105 feet long by 4 feet deep; Area 2 is estimated to measure 43 feet long by 65 feet

City Manager

Temp. Reso. No. 12852

Fourth Amendment to Contract for Sale and Purchase with AD1 Tamarac Hotels LLC

September 14, 2016 - Page 3

wide by 6 feet deep; and Area 3 is estimated to measure 67 feet wide by 60 feet wide by 2 feet deep (a total of approximately 3,222 tons of soil). LandScience estimated the cost for the removal and disposal of up to 3,222 tons of arsenic impacted soil from the Alternate Property at \$296,730.00.

While the City's opinion is that the subject contamination is below the acceptable commercial levels, the Buyer maintains that, while the project from a zoning perspective is considered commercial in nature, it's Marriott's position that the overnight guest component is regarded as residential in character and as such, requires remediation of the soil.

In an effort to arrive at a remediation cost that's acceptable to the City, staff commissioned an independent Supplemental Phase II Environmental Site Assessment designed to further delineate the arsenic contamination and to create a remediation plan and associated cost estimate. Staff expects to receive these estimates by mid to late October, 2016.

3. Amendment to the third (3rd) sentence of Section 8(a) and the third (3rd) sentence of Section 8(b) of the Contract restating the sentence to read in part: Buyer agrees that on or before December 5, 2016 Buyer, at Buyer's expense, shall submit to the City of Tamarac an application for zoning change and formal site plan approval of the Contemplated Improvements and 8(b) to read in part: The "Approvals Application Period" shall mean the period commencing on the Effective Date hereof and ending on March 9, 2017, provided that Buyer shall have the right, upon giving notice to Seller no later than fifteen (15) days prior to the originally scheduled expiration date of the Approvals Application Period, to extend the Approvals Application Period for an additional sixty (60) days, so long as Buyer is still seeking, and continues to seek, in good faith, to obtain the Approvals.

This language specifically amends the date for the site plan application submittal (changing from 30 calendar days to 60 days following the expiration of the Inspection Period), which requires Buyer to formally submit a Site Plan application to the City no later than December 5th, 2016, and changing the Approvals Application Period from 365 days to 485 days (an additional 120 days) requiring the Buyer to obtain Site Plan approval no later than March 9th, 2017. The Contract allows Buyer to give the City a 15 day notice prior to the scheduled expiration of the Approvals Application Period, of their desire to extend the Approvals Application Period an additional 60 days, provided the Buyer is still seeking, and continues to seek, in good faith, to obtain the Approvals.

This request for the extension of the filing of Application and the Approvals Application Period is primarily due to the many extensions to the Inspection Period that was granted to accommodate the various inspections necessary to identify the new location for the hotel. As a consequence, the many extensions of the Inspection Period which is a component of the 365 days Approvals Application Period, left little time remaining for site plan approval.

4. Amendment to Section 15 of the Contract by deleting the provision in its entirety and replacing it with language affording the Buyer a Tax Rebate against municipal ad valorem taxes equivalent to the first two (2) calendar years following the issuance of the certificate of occupancy for the Alternate Property. The Tax Rebate would be calculated as the total of the aggregate amount of municipal ad valorem taxes assessed against the improved Alternate Property after the issuance of the certificate of occupancy MINUS the total aggregate amount of municipal ad valorem taxes assessed against the Alternate Property as vacant land the year immediately preceding the issuance of the certificate of occupancy.

Provided it costs Eleven (11) Million Dollars to construct the hotel, staff has calculated the ad valorem taxes generated to be approximately Eighty (80) Thousand Dollars MINUS the ad valorem taxes generated from the value of the land which is estimated at \$12,000 per year.

Fiscal Impact: Staff has determined that much of the true fiscal impact is to be determined. Notwithstanding, on May 23, 2016 RealMark Research, Inc. was retained by staff to develop an Economic Impact Statement for the proposed development of the Fairfield Inn & Suites hotel and the redevelopment of the Clubhouse at the Colony West Golf Club. Based on the summary of findings and conclusions (see Summary of Findings and Conclusions attached, full report with appendix is available in the City Clerk's office) there are numerous positive impacts on the City of Tamarac, its residents and its guests.

Specifically, it has been determined that the new hotel will garner a positive economic impact on the City of Tamarac and its businesses with the creation of jobs, positive property value benefits to the property owners in close proximity to the hotel and clubhouse, and direct benefits of the location for the hotelier (see attached Summary of Findings and Conclusions).

To date, staff can identify the following items and known costs:

| | | |
|--|-----------------------------------|-----------------------|
| • Contract Cost of Alternate Property: | \$1,405,000.00 | Credit to City |
| to be applied to the Design and Construction of the Clubhouse | | |
| • Hospitality Consultants Realty Broker's Fee | \$100,000.00 | |
| • RealMark Economic Impact Report: | \$14,500.00 | |
| • EnvironDesigns Associates Study: | \$6,750.00 | |
| • Remediation of Alternate Property: | TBD (Buyer Estimates \$296,730) | |
| • Tax Rebate per Year: | \$68,000.00 | |
| • Design of Cart Barn: | \$46,800 | |
| • Construction Cost for New Clubhouse | \$3, 700,000.00 (Early Estimates) | |
| • Construction Cost for New Cart Barn | \$500,000.00 (Early Estimates) | |
| • Redesign and paving of the non-hotel related parking lot | TBD | |
| • Tree Remediation Cost for Property: | TBD | |

This item supports the City's Strategic Plan, Goal #5 providing for "A Vibrant Community" by ensuring the ongoing development of vacant unimproved parcels which effectively stabilize communities and revitalize major corridors. .

Maxine Calloway,
Community Development Director

Attachments: Temporary Resolution No. 12852
Exhibit "1" - Fourth Amendment to Contract for Sale and Purchase
Exhibit "A" - Legal Description of Alternate Property
Appraisal Summary

City Manager

Temp. Reso. No. 12852

Fourth Amendment to Contract for Sale and Purchase with AD1 Tamarac Hotels LLC

September 14, 2016 - Page 5

Economic Impact Assessment – Summary of Findings and Conclusions –
Part 2

CITY OF TAMARAC, FLORIDA

RESOLUTION NO. R-2016 - _____

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA, AUTHORIZING AND DIRECTING THE APPROPRIATE CITY OFFICIALS TO EXECUTE THAT CERTAIN FOURTH AMENDMENT TO CONTRACT FOR SALE AND PURCHASE, ATTACHED HERETO AS EXHIBIT "1", BY AND BETWEEN THE CITY OF TAMARAC, A MUNICIPAL CORPORATION AND AD1 TAMARAC HOTELS, LLC, A FLORIDA LIMITED LIABILITY COMPANY FOR THE SALE OF A 2.24 (+/-) ACRE PARCEL OF REAL PROPERTY LOCATED ON THE EAST SIDE OF PINE ISLAND ROAD, SOUTH OF WEST MCNAB ROAD, KNOWN AS A PORTION OF TRACT A, COLONY WEST CLUBHOUSE PLAT, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 71, PAGE 18 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED IN EXHIBIT "A", ATTACHED HERETO AND INCORPORATED HEREIN; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, The City of Tamarac (City) approved, authorized and directed appropriate city officials to execute a Contract for Sale and Purchase (Contract) dated November 10, 2015 between the City of Tamarac (Seller) and AD1 Group LLC (Buyer) via Resolution R-2015-118; and

WHEREAS, on March 23, 2016, the City Commission approved Resolution R2016-28, authorizing the execution of a First Amendment to Contract for Sale and Purchase (the "First Amendment") and ratifying the City Manager's March 17, 2016 execution of same, extending the one hundred and twenty (120) day Inspection Period for an additional sixty (60) days, providing for a total of one hundred eighty (180) day Inspection Period; and

WHEREAS, In addition, the Resolution supporting the First Amendment authorized the City Manager to amend the Contract for Sale and Purchase, from time to time, but only for minor non-monetary changes or modifications consistent with the tenor of the original approval by the City Commission; and

WHEREAS, On May 11, 2016, the City Manager entered into a Second Amendment to Contract for Sale and Purchase, extending the Inspection Period an additional one hundred and twenty (120) days, providing for a total of a three hundred (300) day Inspection Period to allow the Buyer to explore relocating the hotel to the City's golf course property ("Alternate Property"); and

WHEREAS, On May 31, 2016, the City Manager entered into an Assignment of Contract for Sale and Purchase, assigning the rights, title and privileges of the Contract for Sale and Purchase to AD1 Tamarac Hotels LLC, the entity created for the hotel project; and

WHEREAS, on September 1, 2016, the City Manager entered into a Third Amendment to Contract for Sale and Purchase, extending the Inspection Period an additional thirty (30) days to allow for an aggregate Inspection Period of three hundred and thirty (330) days in order to garner sufficient time to properly schedule the matter of relocating the hotel to the Alternate Property for City Commission consideration; and

WHEREAS, after much exploration and inspection, it has been determined that the Alternate Property is an optimal location to place the Fairfield Inn by Marriott hotel, maximizing its proximity to the proposed newly constructed clubhouse while providing sufficient separation of the uses from residentially zoned properties; and

WHEREAS, the parties desire to amend Exhibit "A" to the Contract to reflect the legal description of the Alternate Property; and

WHEREAS, in accordance with Section 6-156.2 of the City of Tamarac Code of Ordinances, an appraisal was obtained for the proposed disposition of the Alternate Property; and

WHEREAS, the Director of Community Development and the Director of Financial Services recommends that the appropriate City Officials execute the Fourth Amendment to Contract for Sale and Purchase with AD1 Tamarac Hotels LLC; and

WHEREAS, the City Commission of the City of Tamarac, Florida, deems it to be in the best interest of the citizens and residents of the City of Tamarac to authorize the execution of the Fourth Amendment to Contract for Sale and Purchase between the City of Tamarac and AD1 Tamarac Hotels, LLC; a copy of said Contract is included herein as Exhibit "1" (attached hereto, incorporated herein, and made a specific part thereof).

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF TAMARAC, FLORIDA:

SECTION 1: The foregoing "WHEREAS" clauses are HEREBY ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption hereof; all exhibits referenced and attached hereto are incorporated herein and made a specific part of this resolution.

SECTION 2: It is hereby found and determined that the authorization to execute the Fourth Amendment to Contract for Sale and Purchase with AD1 Tamarac Hotels, LLC is in the best interest of the City of Tamarac and the residents and businesses located within the described area.

SECTION 3: The appropriate City officials are hereby authorized to execute a Fourth Amendment to Contract for Sale and Purchase with AD1 Tamarac Hotels LLC, a copy of said Contract is attached hereto as Exhibit "1".

SECTION 4: All Resolutions or parts of Resolutions in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 5: If any clause, section, other part or application of this Resolution is held by any court of competent jurisdiction to be unconstitutional or invalid, in part or application, it shall not affect the validity of the remaining portions or applications of this Resolution.

SECTION 6: This Resolution shall become effective immediately upon its passage and adoption.

PASSED, ADOPTED AND APPROVED this day of , 2016.

HARRY DRESSLER,
MAYOR

ATTEST:

PATRICIA A. TEUFEL, CMC
CITY CLERK

I HEREBY CERTIFY that I have
approved this RESOLUTION as to
form.

SAMUEL S. GOREN,
CITY ATTORNEY

FOURTH AMENDMENT
TO CONTRACT FOR SALE AND PURCHASE

This Fourth Amendment to Contract for Sale and Purchase is entered into as of the Effective Date (hereinafter defined), by and between the **City of Tamarac**, a Florida municipal corporation (the "Seller") and **AD1 Tamarac Hotels, LLC**, a Florida limited liability company (the "Buyer").

RECITALS:

WHEREAS, Buyer and Seller are parties to that certain Contract for Sale and Purchase dated November 10, 2015 ("Contract") for certain real property located in Tamarac, Broward County, Florida, as amended by that certain First Amendment to Contract for Sale and Purchase dated March 17, 2016, that certain Second Amendment to Contract for Sale and Purchase dated May 11, 2016 and that certain Third Amendment to Contract for Sale and Purchase dated September 1, 2016 ; and

WHEREAS, the parties desire to amend Exhibit "A" to the Contract to reflect the legal description of the Alternate Property; and

WHEREAS, Buyer and Seller desire to modify the terms of the Contract to require Seller to mitigate/remediate any environmental contamination present on the Property as more particularly set forth below.

NOW THEREFORE, in consideration of the foregoing premises, mutual covenants and conditions herein contained, the parties hereto agree as follows:

The parties agree to the following:

1. The recitals set forth above are hereby ratified and confirmed.
2. The legal description set forth on Exhibit "A" to the Contract is hereby deleted in its entirety and replaced with the legal description set forth on Exhibit "A" attached hereto and incorporated herein.
3. The following provision is hereby added as a new Section 7(c):

Seller shall remediate any and all environmental contamination currently located on or affecting the Property, and shall deliver to Buyer an environmental report/study that confirms the completion of such remediation and states that the Property is suitable for development for its intended use.

4. The third (3rd) sentence of Section 8(a) is hereby amended and restated to read as follows:

Buyer agrees that, on or December 5, 2016, Buyer, at Buyer's expense, shall submit to the City of Tamarac an application for zoning change and formal site plan approval of the Contemplated Improvements.

5. The third (3rd) sentence of Section 8(b) of the Contract is hereby amended and restated to read as follows:

The "Approvals Application Period" shall mean the period commencing on the Effective Date hereof and ending on March 9, 2017 provided that Buyer shall have the right, upon giving notice to Seller no later than fifteen (15) days prior to the originally scheduled expiration date of the Approvals Application Period, to extend the Approvals Application Period for an additional sixty (60) days, so long as Buyer is still seeking, and continues to seek, in good faith, to obtain the Approvals.

6. Section 15 of the Contract is hereby deleted in its entirety and replaced with the following language:

Tax Rebate. Seller shall provide the Property with a tax rebate (as defined below) against municipal ad valorem taxes for the first (1st) two (2) calendar years following the issuance of the certificate of occupancy for the Property. The tax rebate shall be calculated as follows:

1. The total aggregate amount of municipal ad valorem taxes assessed against the improved Property after the issuance of the certificate of occupancy

MINUS

2. The total aggregate amount of municipal ad valorem taxes assessed against the Property as vacant land the year immediately preceding the issuance of the certificate of occupancy.

For the avoidance of doubt, for the first (1st) two (2) calendar years after the issuance of a certificate of occupancy for the Property, Buyer shall only be responsible to pay municipal ad valorem taxes on the Property in an amount equal to the municipal ad valorem taxes assessed against the Property as vacant land the year prior to issuance of the certificate of occupancy.

7. In the event of any inconsistencies between this Fourth Amendment and the Contract, the provisions contained in this Fourth Amendment shall prevail. In any other respects, the Contract remains unchanged.

8. The effective date of this Fourth Amendment (the "Effective Date") shall be the date upon which the last of Buyer and Seller have executed same.

IN WITNESS WHEREOF, Buyer and Seller have executed this Fourth Amendment as of the date set forth beneath their signatures.

SELLER:

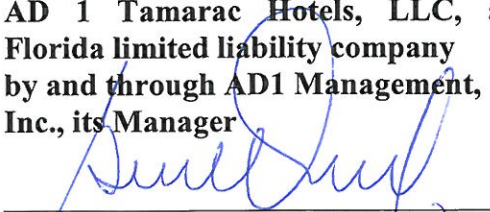
**CITY OF TAMARAC, a Florida
municipal corporation**

By: _____
Title: _____

Signed on _____, 2016

BUYER:

**AD 1 Tamarac Hotels, LLC, a
Florida limited liability company
by and through AD1 Management,
Inc., its Manager**

By: 
Title: DANIEL BERMAN
PRESIDENT

Signed on 9/21, 2016

EXHIBIT A
LEGAL DESCRIPTION OF PROPERTY

ALTA/NSPS LAND TITLE SURVEY

TRACT "A" COLONY WEST CLUBHOUSE PLAT P.B. 103, PG. 36, B.C.R.

Legal Description

A portion of TRACT "A", COLONY WEST CLUBHOUSE PLAT, according to the plat thereof, as recorded in Plat Book 103, Page 36, of the public records of Broward County, Florida and a portion of PARCEL "G", WOODLAND LAKES, according to the plat thereof, as recorded in Plat Book 71, Page 18, of the public records of Broward County, Florida, more particularly described as follows:

Commence at the Northwest corner of Tract "A"; thence South 00°01'37" East along the West line of Tract "A", a distance of 135.49 feet to the Point of Beginning; thence continue South 00°01'37" East along the West line of Tract "A", a distance of 276.94 feet; thence South 88°35'16" East, a distance of 349.86 feet; thence North 01°24'44" East, a distance of 276.87 feet; thence North 88°35'23" West, a distance of 356.71 feet to the Point of Beginning.

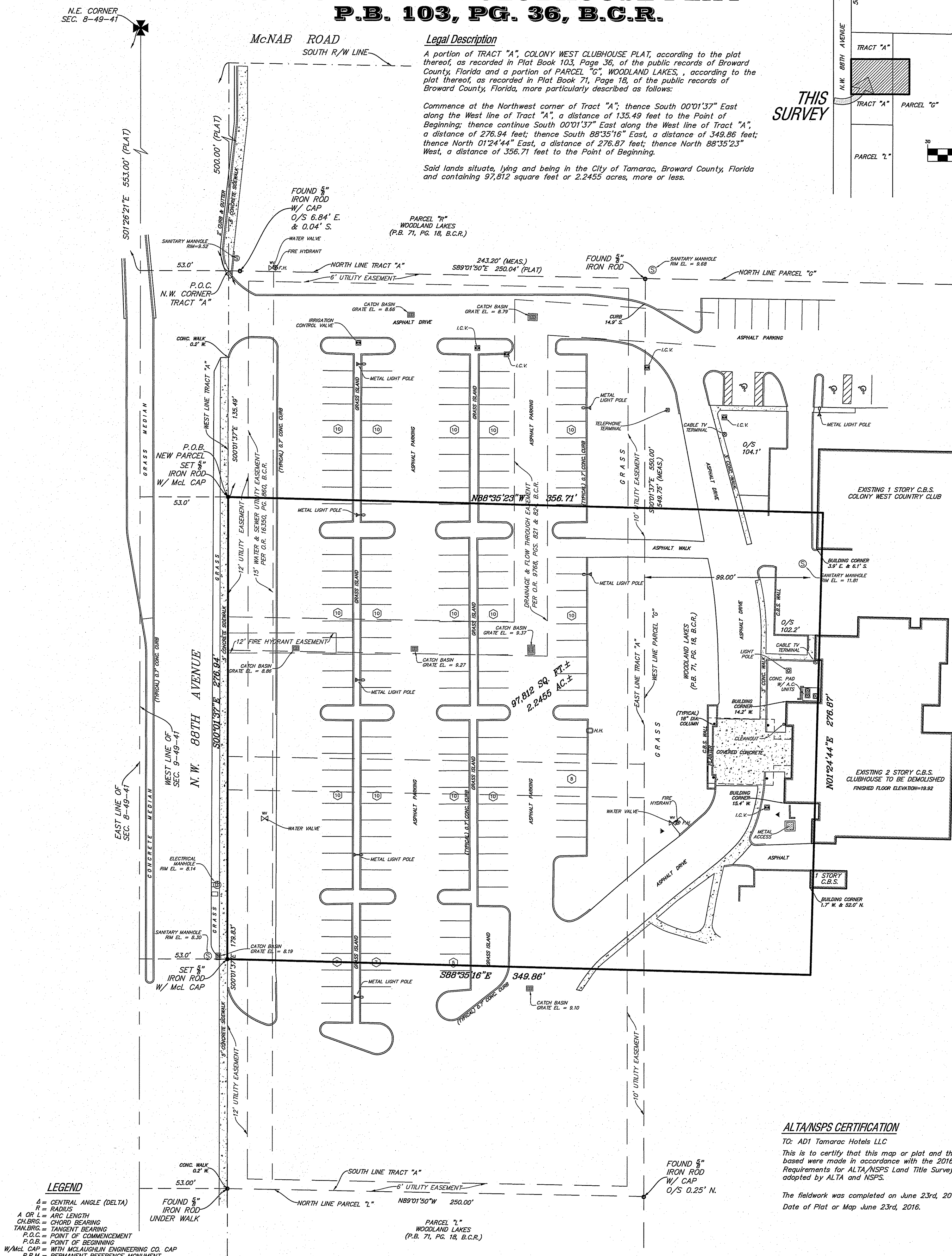
Said lands situate, lying and being in the City of Tamarac, Broward County, Florida and containing 97,812 square feet or 2.2455 acres, more or less.

THIS
SURVEY

Location Sketch
Not To Scale

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.



LEGEND

Δ = CENTRAL ANGLE (DELTA)
R = RADIUS
A OR L = ARC LENGTH
CH.BRG. = CHORD BEARING
TAN.BRG. = TANGENT BEARING
P.O.C. = POINT OF COMMENCEMENT
P.O.B. = POINT OF BEGINNING
W/McL. CAP. = WITH McLAUGHLIN ENGINEERING CO. CAP
P.R.M. = PERMANENT REFERENCE MONUMENT
CONC. = CONCRETE
C.B.S. = CONCRETE, BLOCK AND STUCCO
I.C.V. = IRRIGATION CONTROL VALVE
W.M. = WATER METER
B.F.P. = BACK FLOW PREVENTOR
A.L.P. = ALUMINUM LIGHT POLE
C.L.P. = CONCRETE LIGHT POLE
M.L.P. = METAL LIGHT POLE
W.L.P. = WOOD LIGHT POLE
ELEV. = ELEVATION
O/S = OFFSET
A/C = AIR CONDITIONING
C. = CENTERLINE OF RIGHT-OF-WAY
F.P.L. = FLORIDA POWER AND LIGHT CO.
S.B.T. = SOUTHERN BELL TELEPHONE
B.C.R. = BROWARD COUNTY RECORDS
D.C.R. = DADE COUNTY RECORDS
P.B.R. = PALM BEACH COUNTY RECORDS
O.R. = OFFICIAL RECORDS BOOK
PG. = PAGE
R/W = RIGHT-OF-WAY
C.O. = CLEAN OUT
C.L.F. = CHAIN LINK FENCE
P.C.D. = POLLUTION CONTROL DEVICE
H.H. = HAND HOLE
L.P. = LIGHT POLE
W.P.P. = WOOD POWER POLE
WV = WATER VALVE

OFFICE NOTES

FIELD BOOK NO. EFB, Print, LB# 338/37
JOB ORDER NO. V-1493
CHECKED BY: _____
DRAWN BY: RDR

NOTES:

- 1) This survey reflects all easements and rights-of-way, as shown on above referenced record plat(s). The subject property was not abstracted for other easements road reservations or rights-of-way of record by McLaughlin Engineering Company.
- 2) Underground Improvements if any not located.
- 3) This drawing is not valid unless sealed with an embossed surveyors seal.
- 4) Boundary survey information does not infer Title or Ownership.
- 5) All iron rods 5/8", unless otherwise noted.
- 6) Reference Bench Mark: Broward County Engineering Department, Benchmark # 3672, Elevation = 10.458 (NGVD29) converted to 8.868 (NAVD88).
- 7) Elevations shown refer to North American Vertical Datum (1988), and are indicated thus: $\text{Elev.} = 8.87$
- 8) This property lies in Flood Zone "AH", Elev.=10.0 Per Flood Insurance Rate Map No. 12011C0335 H, Dated: August 18, 2014, Community Panel No. 120058.
- 9) Underground Utility locations shown hereon, if any, are based upon paint marks on the ground provided by others. McLaughlin Engineering Company did not confirm the accuracy of this data. The exact location of all utilities should be confirmed prior to design or construction.
- 10) Bearings shown hereon refer to record plat (71/18) and assume the East R/W line of N.W. 88th Ave as South 00°01'37" East.
- 11) Elevations per North American Vertical Datum (1988) derived from National Geodetic Vertical Datum (1929) data and converted using U.S. Army Corps of Engineers software (Corpscan 6.0.1) obtained from <http://www.tech.army.mil/>

ALTA/NSPS CERTIFICATION

TO: ADI Tamarac Hotels LLC

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS.

The fieldwork was completed on June 23rd, 2016.
Date of Plat or Map June 23rd, 2016.

CERTIFICATION

We hereby certify that this survey meets the "Standards of Practice" as set forth by the Florida Board of Professional Surveyors and Mappers in Chapter 5J-17.05 Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

Dated at Fort Lauderdale, Florida, this 23rd day of June, 2016.

McLAUGHLIN ENGINEERING COMPANY

JERALD A. McLAUGHLIN
Registered Land Surveyor No. 5269
State of Florida.

FILE NO.:

16-3-

SUMMARY APPRAISAL REPORT

OF

97,812 SF REDEVELOPMENT SITE



**LOCATED AT
PART OF COLONY WEST COUNTRY CLUB
6800 NW 88TH AVENUE
TAMARAC, FLORIDA**

OWNER: CITY OF TAMARAC

**AS OF
AUGUST 25, 2016**

**PREPARED FOR
MR. MARK MASON, CPA
DIRECTOR OF FINANCIAL SERVICES
CITY OF TAMARAC
7525 NW 88TH AVENUE
TAMARAC, FLORIDA 33321**

September 1, 2016

Mr. Mark Mason, CPA
Director of Financial Services
City of Tamarac
7525 NW 88th Avenue
Tamarac, Florida 33321

Re: Appraisal of Proposed Re-Development Parcel
Part of Colony West Country Club
97,812 Square Foot Site
6800 NW 88th Avenue (Pine Island Road)
Tamarac, Florida
Land Owner: City of Tamarac

Dear Mr. Mason:

Per your request, we have reviewed the above captioned property for the purpose of providing you with a current valuation on the property, which consists of a 97,812 square foot site located on the east side of Pine Island Road approximately 650 feet south of West McNab Road in Tamarac. The subject site is currently part of the parking lot and portico for the existing Colony West Country Club. The purpose of our analysis is to form an opinion of the market value of the fee simple ownership of the whole property. The function of this report is for client's internal use as an aid in the potential re-development of the property. The report is subject to a special assumption that the zoning will be changed to allow for the proposed development of the site with a hotel development. Further, we have valued the designated site as a stand-alone parcel and have not considered any damages to the remaining site utilized as the golf course. We have been advised that the existing clubhouse property is to be razed as part of this redevelopment project and that a new clubhouse and required ancillary buildings will be rebuilt as part of the overall redevelopment on the remaining country club property.

Market value is defined as "the most probable price, as of a specified date, in cash, or in terms equivalent to cash, or in other precisely revealed terms, for which the specified property rights should sell after reasonable exposure in a competitive market under all conditions requisite to a fair sale, with the buyer and seller each acting prudently, knowledgeably, and for self-interest, and assuming that neither is under undue duress."

We have prepared the attached **Summary Appraisal Report**, which contains a recapitulation of the data utilized to form an opinion of the market value as of August 25, 2016. If any additional data is required, please advise.

Mr. Mark Mason
September 1, 2016
Page 2

Our review of the highest and best use is based on the proposed development and the assumption that the required rezoning will be granted by the City of Tamarac. As the City controls the rezoning, it is very feasible and most probable that a rezoning will be completed and that the proposed development will be approved for the site.

Based upon our inspection of the property and market data analysis, it is our opinion that the market value of the whole property, legally described herein, as of August 25, 2016 is:

**ONE MILLION SEVEN HUNDRED SIXTY THOUSAND DOLLARS
(\$1,760,000)**

We have made a special assumption that the subject property could be developed with a hotel use under the S-1 Recreation zoning. Our review indicated that the rezoning was in process with the City and we have assumed that the zoning change would be approved and the potential redevelopment would be allowed. The other special assumption deals with the continuing operation of the Colony West Country Club as a golf course operation. As part of the sale of or development of the subject property, the existing country club building will be razed and a new clubhouse structure and other ancillary buildings will be developed on the remaining golf course property.

Sincerely,

A handwritten signature in dark ink, appearing to read "Robert D. Miller", with a stylized flourish at the end.

Robert D. Miller, ASA
State Certified General R.E. Appraiser No. RZ1270

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ADDENDUM

Photographs of the Subject Property
Acquiring Deed
Zoning Code
Qualifications of the Appraiser

SUMMARY OF SALIENT FACTS AND CONCLUSIONS

| | |
|-------------------------|---|
| PROPERTY LOCATION: | The whole property consists of a basically rectangular shaped parcel of land located in the parking lot of the existing Colony West Country Club. The property is located on the east side of Pine Island Road, approximately 650 feet south of McNab Road in the City of Tamarac, Broward County, Florida. The property is located in the parking lot at 6800 NW 88 th Avenue in Tamarac. |
| OWNER'S NAME/ADDRESS: | City of Tamarac 7525 Northwest 88 th Avenue Tamarac, FL 33321 |
| INSPECTION DATE: | August 15th to August 25th, 2016 |
| FOLIO NUMBER: | Part of 49-41-09-33-0010 and 49-41-09-06-0020 |
| ASSESSED VALUE (2015): | \$3,475,380 (Under Golf Course (38) use code)-Part of larger golf course property. No separate assessment for the property being appraised. |
| 2015 REAL ESTATE TAXES: | \$0* (Government entities are currently exempt from taxation) |
| SITE SIZE: | 97,812 Square Feet or 2.2455 Acres– whole property land area |
| DIMENSIONS: | The whole property consists of an irregular shaped parcel of land with 276.94 feet of frontage on Pine Island (NW 88 th Avenue). See the sketch, plat and aerials on pages 4 to 6 for further delineation of the site location and dimensions. |
| ZONING: | S-1 Recreation District, Tamarac |
| PRESENT USE: | The property is currently used as the parking lot, driveway and portico for the existing Colony West Country Club and golf course. Adjoining properties were developed with a residential development, a Walgreens and the Colony West Country Club and golf course. |
| HIGHEST AND BEST USE: | Future commercial development-proposed Hotel Development |
| IMPROVEMENTS: | Site is improved with asphalt paved parking, landscaping, lighting and portions of the portico for the building. |

SUMMARY OF SALIENT FACTS AND CONCLUSIONS (CONTINUED)

| | |
|-------------------------------------|---|
| SALES HISTORY: | The property is owned by the City of Tamarac. According to the Broward County Property Appraiser, the property was acquired by the City on December 27 th , 2011 for March 20, 2012 from Edward Rack Corporation for \$3,000,000. A copy of the deed is included in the addendum. There have been no other arm's-length transfers of the property in the last five years. Based on our review, it does not appear the subject property is currently listed for sale as of the date of this report. This sales history is for the larger property utilized for the Colony West Country Club. There is no separate sales history for the subject property. |
| COST APPROACH TO VALUE: | Not applicable |
| INCOME APPROACH TO VALUE: | Not applicable |
| SALES COMPARISON APPROACH TO VALUE: | \$1,760,000 or \$18.00 per square feet of land area |
| DATE OF VALUE: | August 25, 2016 |

~~THIS IS NOT AN OFFICIAL COPY OF THE DOCUMENT. THIS IS NOT AN OFFICIAL COPY OF THE DOCUMENT.~~



AERIAL OF THE WHOLE PROPERTY



DEFINITION OF MARKET VALUE

Market value is defined in the 2012-2013 Edition of the Uniform Standards of Professional Practice from regulations published by federal regulatory agencies pursuant to Title XI of the Financial Institutions Reform, Recovery, and Enforcement Act (FIRREA) of 1989 between July 5, 1990 and August 24, 1990 as follows:

The most probable price which a property should bring in a competitive and open market under all conditions requisite to a fair sale, the buyer and seller, each acting prudently and knowledgeably, and assuming the price is not affected by undue stimulus. Implicit in this definition is the consummation of a sale as of a specified date and the passing of title from seller to buyer under conditions whereby:

- 1. Buyer and seller are typically motivated;
- 2. Both parties are well informed or well advised, and acting in what they consider their own best interests;
- 3. A reasonable time is allowed for exposure in the open market;
- 4. Payment is made in terms of cash in U.S. dollars or in terms of financial arrangements comparable thereto, and;
- 5. The price represents the normal consideration for the property sold unaffected by special or creative financing or sales concessions granted by anyone associated with the sale.

COMPETENCY PROVISION

The appraiser has completed similar type appraisals throughout the Broward County area during his 34 years as a real estate appraiser in South Florida. Further, the appraiser has completed numerous appraisals of commercial properties in this area and throughout the Tri-County area. As a result of these experiences, the appraiser meets the competency provision of USPAP.

PURPOSE AND FUNCTION OF APPRAISAL

The purpose of the appraisal is to form an opinion of the market value of the property as of a current date. The function of this report is for internal use and planning by the client in their consideration of the potential disposition and/or redevelopment of the property. The intended user of the report is the client, the City of Tamarac and their legal and financial representatives. No other appraisal assignments were completed on this property by the appraiser during the last three years.

LEGAL DESCRIPTION

The whole property is legally described as follows:

A portion of Tract A, Colony West Clubhouse Plat, according to the Plat thereof, as recorded in Plat Book 103, Page 36 of the public records of Broward County and a portion of Parcel G of Woodland Lakes, according to the Plat thereof, as recorded in Plat Book 71, Page 18 of the public records of Broward County. The complete legal description is included on the Survey included in this report on Page 4 of this document.

SCOPE OF SERVICES

We have compiled all the necessary data in order to formulate an opinion of value. We have presented the applicable data in this Summary Appraisal Report format. Any additional supporting data can be found in our working or office files. In preparing our report, we have reviewed and relied upon the following data.

1. Sales and listings of properties with similar utility and highest and best use throughout Broward County over the past five years.
2. Review of public records for all pertinent sales data. Retrieved from LoopNet., IRIS, CO-Star Comps, MLS, and the Property Appraiser's Office.
3. Review and considered the sales history of the subject property and surrounding properties.
4. Review of Broward County and neighborhood trends.
5. Inspection of neighborhood and analysis of land use patterns and trends.
6. Inspection of subject property and comparable sales and listings and verification of sales and listings.

EXPOSURE/MARKETING PERIOD

Based upon review of the neighborhood and competing properties, it is our opinion that the property, if competitively priced, will sell if marketed and exposed to the market place for a period of between nine and twelve months and development approvals may take up to an additional 12 months.

PROPERTY DESCRIPTION

| | |
|-------------------------|---|
| PROPERTY LOCATION: | The whole property consists of a rectangular shaped parcel of land located just south of the intersection of Pine Island Road and McNab Road. The property is located on the east side of Pine Island Road, approximately 650 feet south of McNab Road in the City of Tamarac, Broward County, Florida and the common address of the Colony West Country Club is 6800 NW 88 th Avenue, Tamarac, Florida 33321. |
| OWNER'S NAME/ADDRESS: | The City of Tamarac 7525 NW 88 th Avenue Tamarac, Florida 33321 |
| FOLIO NUMBER: | 49-41-09-33-0010 and 49-41-09-06-0020 |
| ASSESSED VALUE (2015): | \$3,475,380 (Under Golf Course (38) use code) |
| 2015 REAL ESTATE TAXES: | \$0* (Government entities are currently exempt from taxation) |
| SITE SIZE: | 97,812 Square Feet or 2.2455 Acres– whole property land area |
| DIMENSIONS: | The whole property consists of an irregular shaped parcel of land with 276.94 feet of frontage on Pine Island (NW 88 th Avenue). See the sketch, plat and aerials on pages 4 to 6 for further delineation of the site location and dimensions. |
| ZONING: | S-1 Recreation District, Tamarac |
| PRESENT USE: | The property is part of the parking lot, driveways and portico for the existing Colony West Country Club use. |
| HIGHEST AND BEST USE: | For future commercial development-hotel development. |
| IMPROVEMENTS: | The property is currently used as the parking lot, driveway and portico for the existing Colony West Country Club and golf course. Adjoining properties were developed with a residential development, a Walgreens and the Colony West Country Club and golf course. |
| UTILITIES: | Public utilities include water, sewer, electric and telephone |
| TOPOGRAPHY: | The site is level and at street grade in the area of the parking lot. The existing building is elevated and the entrance is at a second story level. The property being appraised will need to be leveled off for a ground level development of the site. |

REAL ESTATE TAXES

Folio Numbers: 49-41-09-33-0010 49-41-09-06-0020

Use Code: 38 (Golf Course, Driving Range use)

| | | |
|------------------------|-------------------|-------------|
| (2015) ASSESSED VALUE: | \$3,475,380 Total | |
| LAND | \$ 37,470 | \$1,768,970 |
| BUILDING | \$230,000 | \$1,439,270 |
| TOTAL | \$267,140 | \$3,208,240 |

(2015) REAL ESTATE TAXES: \$0*

The property assessment is generally reviewed and changed after the change of ownership.

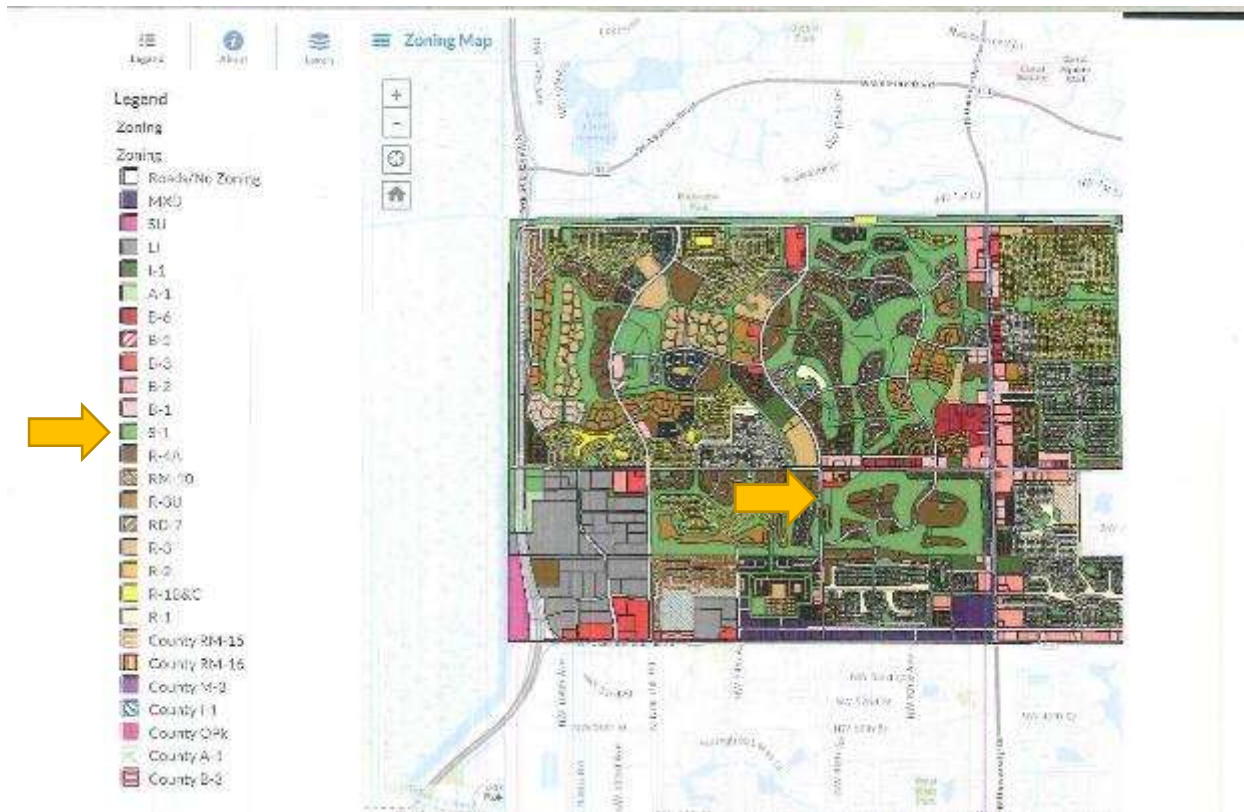
*Governmental entities are currently exempt from taxation. The above assessment information is for the larger golf course property. A separate folio for the subject site would be developed by the Property Appraiser office upon any sale of this property.

ZONING

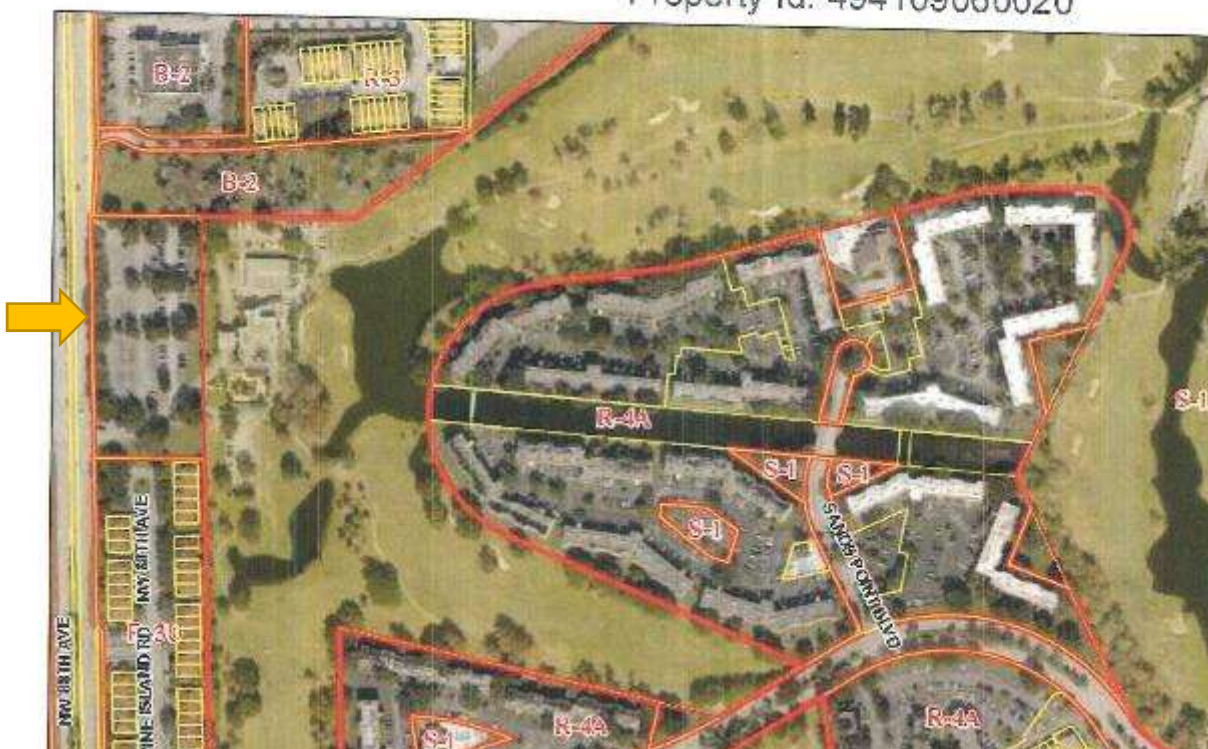
The subject property is zoned S-1 Recreation District in the City of Tamarac with a Commercial Recreation land use designation. A copy of the zoning code is included in the addendum of this report.

The subject property is zoned S-1, Recreation District by the City of Tamarac. According to the Land Development Code, the S-1 district is intended to encourage the development of recreational type uses for the benefit of the residents of Tamarac. "The operation of any recreation area shall, regardless of anything else in this chapter, be subject to the reasonable control and direction of the city and the city commission as regulatory authorities."

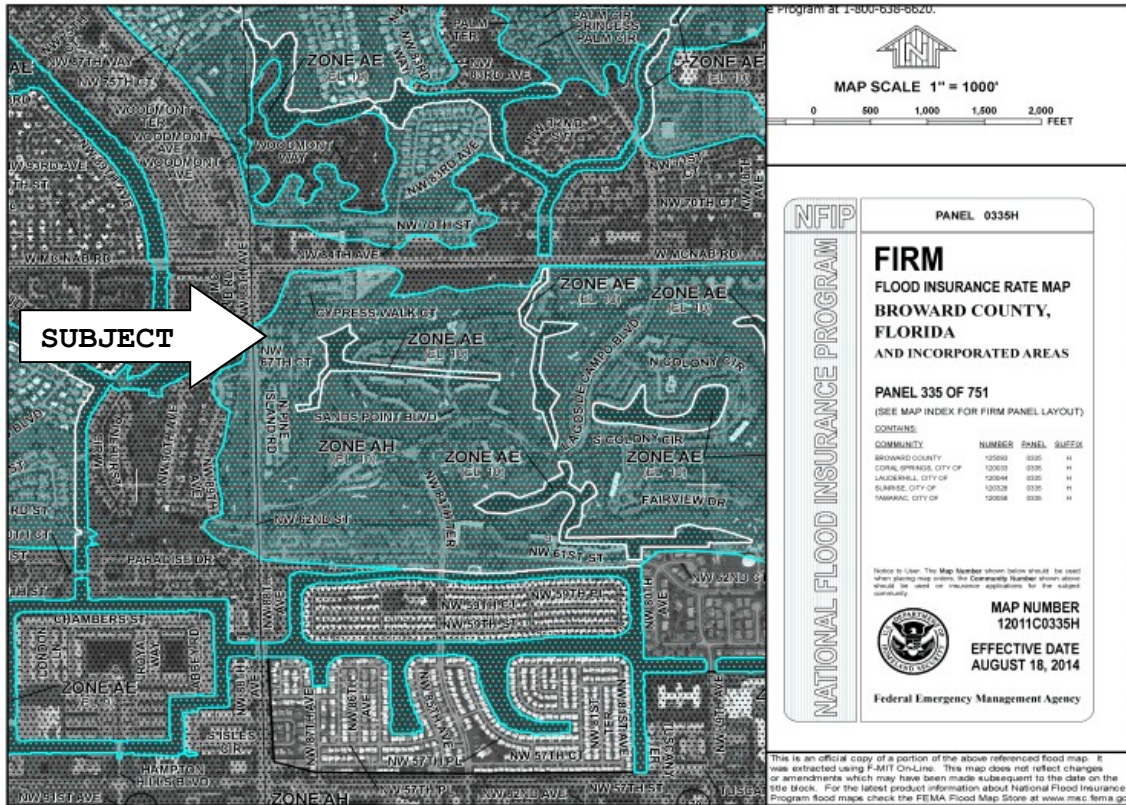
We have made a special assumption that the subject property could be developed with a hotel use although it is not a permitted use under the current subject's S-1 zoning district. This assumption is based on our discussions with city officials in Tamarac that the City is in the process of changing the zoning to allow a hotel development on S-1 lands in conjunction with an approved use on the S-1 lands.



Property Id: 494109060020



FLOOD ZONE MAP



FLOOD ZONE:

Flood Zone AH and X, according to Flood Insurance Rate Map Community Panel Number 12011C0335H effective 8-18-2014

AREA MAP



NEIGHBORHOOD DESCRIPTION

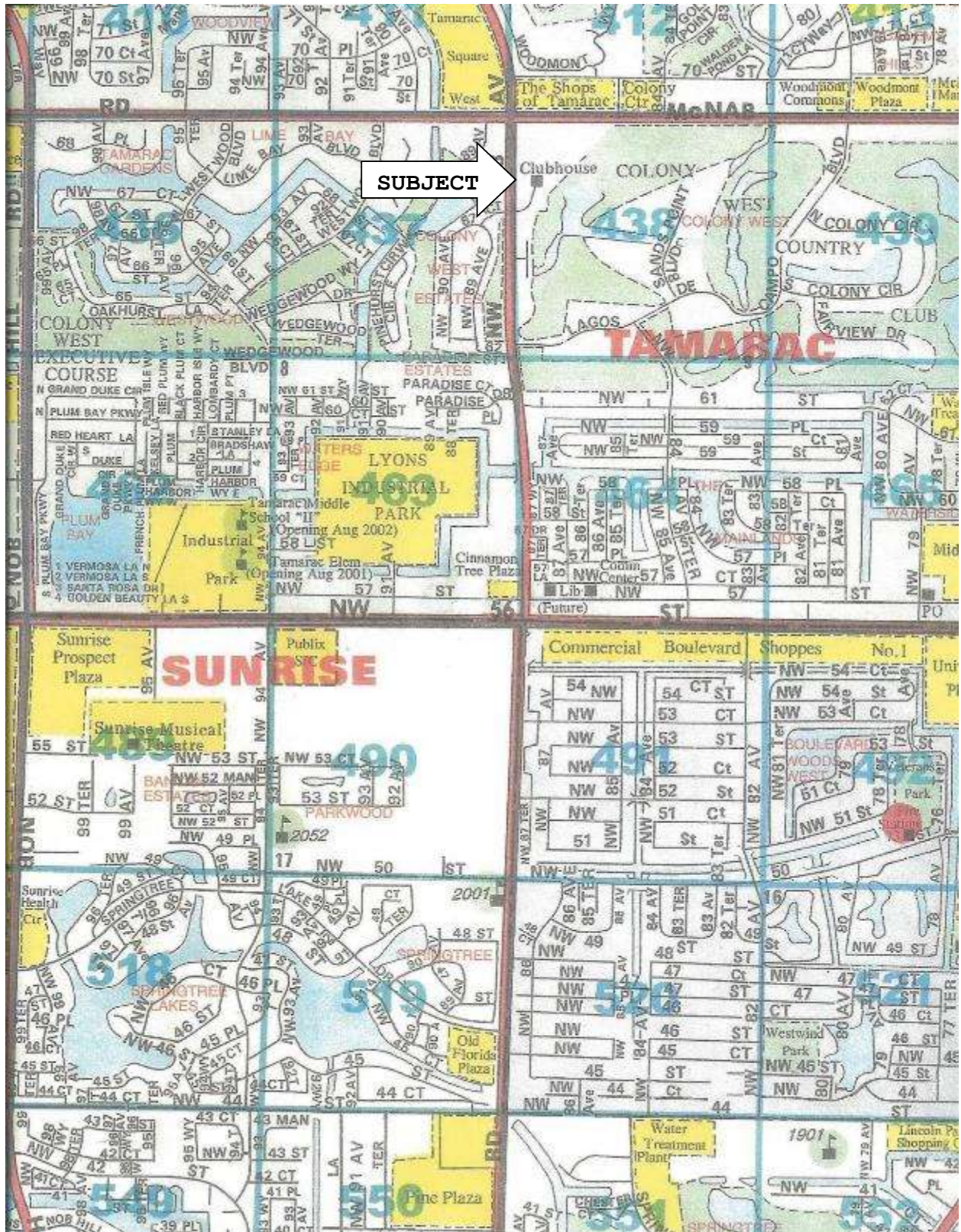
The subject property is located to the south of City Hall in the City of Tamarac, Florida. The Cities of Lauderhill and Sunrise are located to the south across Commercial Boulevard. The City of Tamarac extends from Commercial Boulevard to Southgate Boulevard in the western area and abuts the City of Coral Springs to the north. The City extends east of State Road 7 along Commercial Boulevard with the majority of the City located to the west of the Florida Turnpike. The neighborhood is located in an area generally described as being bound on the south by Commercial Boulevard, on the west by the Sawgrass Expressway, on the north by Southgate Boulevard and on the east by University Drive. The uses in the neighborhood are indicative of a middle class suburban community with single family and multifamily residential uses located on the interior streets and neighborhood and highway commercial uses located along the major thoroughfares. The main north south commercial traffic way in the city is University Drive with some commercial development along Pine Island and Nob Hill Road. More recent developments in the City are the industrial office park that has been developed at the northeast quadrant of the Commercial Boulevard and the Sawgrass Expressway. This development includes gas stations, office building, hotels, automobile dealership, warehouse, distribution centers, regional headquarters and warehouse space.

The City of Tamarac has rezoned numerous properties along Commercial Boulevard to allow for a mixed use master development similar to other downtown type projects proposed and developed in other suburban communities in Broward County. The city has acquired numerous parcels of vacant and improved acreage for the potential mixed use development known as Tamarac Village. The mixed use project will begin, just west of Pine Island Road and extend to just east of NW 94th Avenue on the north side of Commercial Boulevard and the north side of NW 57th Street. The development plans to include a parking garage located on NW 57th Street. This development is projected to create some additional demand for both residential and commercial properties in the Tamarac area. The City of Tamarac has good transportation with access to the Sawgrass Expressway at Commercial Boulevard and just north of the city limits on Atlantic Boulevard in Coral Springs. Further the Florida Turnpike is accessible at both streets further east.

The north and south sides of Commercial Boulevard between University Drive and the Sawgrass consists of numerous small lots that have been developed independently or as an assemblage of numerous lots. This stretch has not experienced the same development as other areas of the county and the vacant land parcels at this location are some of the only vacant lots that have never been developed in the county. The residential development of this area is near build out and additional commercial development has been slow in western areas of the county. Generally speaking, all necessary retail, religious and school facilities are easily accessible from the subject neighborhood. Pine Island Road is a combination of residential, office and retail development.

In summary, the area has several vacant land parcels for future development. The neighborhood contains a good mixture of compatible uses with some industrial, commercial, residential, public and transportation uses. Access to the neighborhood is good. The long-term outlook for the market in this area is for values to remain stable with growth expected. Overall the subject neighborhood would be rated as stable after the downturn of the market in early 2007. The market has shown signs of stabilization and the future outlook for continued growth is considered good.

NEIGHBORHOOD MAP



DEFINITION OF HIGHEST AND BEST USE

That reasonable and probable use that will support the highest and present value, as defined, as of the effective date of the appraisal.

Alternatively, that use, from among reasonable, probable and legal alternative uses, found to be physically possible, appropriately supported, financially feasible and which results in the highest land value. Implied within this definition is recognition of the contribution of that specific use to community environment or to community development goals in addition to wealth maximization of individual owners.

Also implied is that the determination of the highest and best use results from the appraiser's judgment and analytical skill, i.e., that the use determined from the analysis represents an opinion, not a fact to be found. In appraisal practice, the concept of highest and best use represents the premise upon which value is based. In the context of probable selling price (Market Value), another appropriate term to reflect highest and best use would be "most probable use". In the context of investment value, an alternative term would be "most profitable use".

HIGHEST AND BEST USE

The size and dimensions of the subject whole property are suitable for many types of development including residential, commercial and industrial. The subject is zoned S-1 Recreation District with a Commercial Recreation land use designation. The S-1 zoning district is intended to provide for recreational type uses with country club and golf course the top permitted uses. Other uses include public parks, swimming pools and schools. The proposed zoning change in the City would allow for a change to this zoning district to allow the construction of an ancillary use on a golf course for a hotel development. The hotel use would be in conjunction with the golf course use. Based on our review of the zoning change and its effect on the subject property and the surrounding uses, it is our opinion that the zoning change would and should be allowed.

The review of the hotel market indicated a strong demand for sites of this size for small local hotel uses. These sites are typically developed with a 150 to 200 room hotel with an affiliated chain hotel.

The first 3 tests have been analyzed. The maximally productive use is that which has met the first 3 tests of the HBU and which will result in the highest land value, or the highest net return to the site. The subject with the proposed zoning change could be developed with some type of hotel development. This would be the highest and best use, as without the zoning change the land would have no financially feasible alternate uses without a zoning change to a commercial zoning district.

In summary, the highest and best use, in our opinion is for some type of future commercial development with a hotel use.

We have made a special assumption that the subject property could be developed with a hotel use although it is not a permitted use under the current subject's S-1 zoning district, however the City has indicated a willingness to allow some type of hotel use on the site.

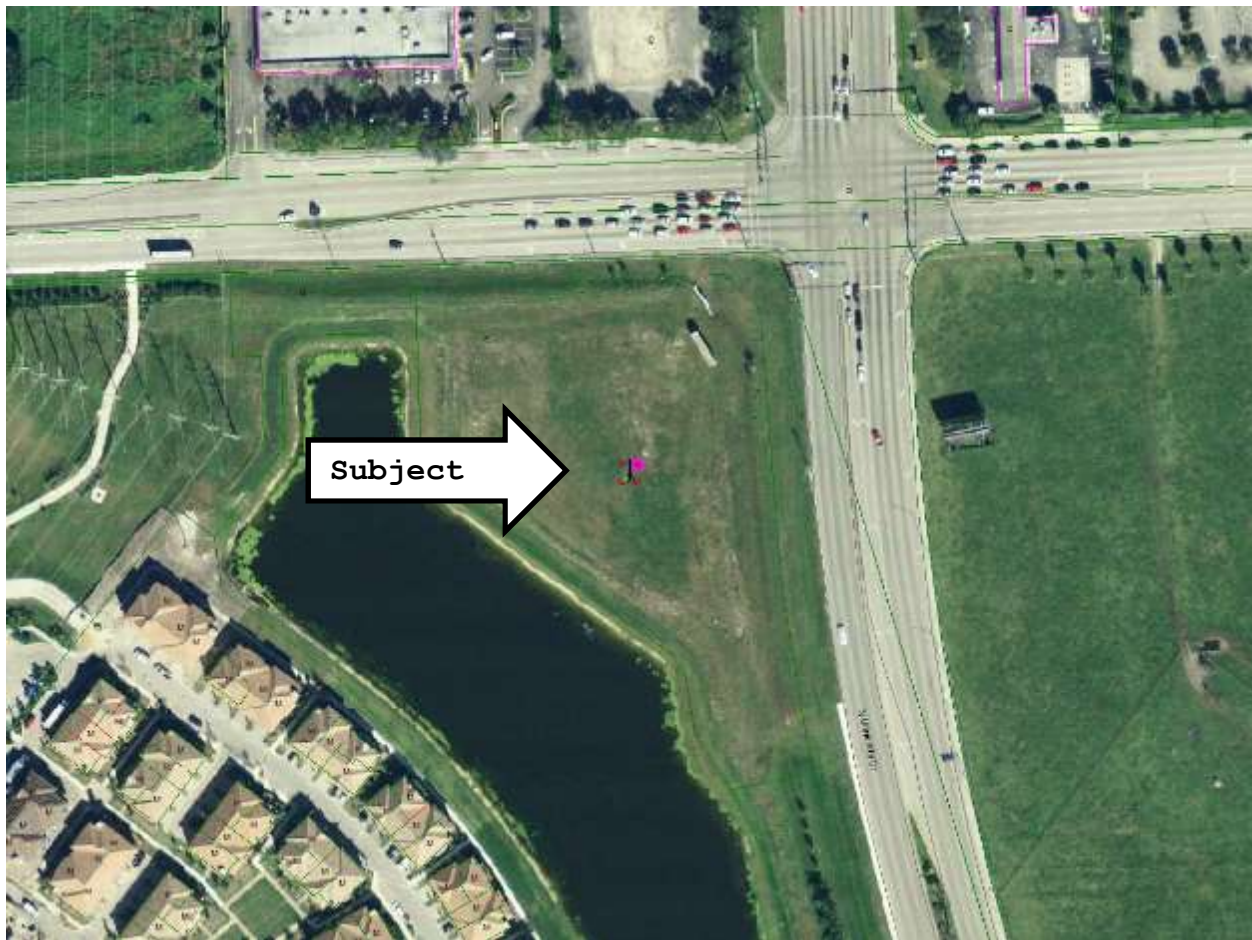
APPRAISAL PROCESS

In order to arrive at the market value for the property, special attention must be given to the typical purchaser who might have an interest in a particular property. Market Value is the most probable sales price, which a property will bring and this price depends upon the typical purchaser's reaction to the various supply and demand factors that affect the market value.

The Appraisal Process is basically an economic analysis consisting of a review of the factors that affect market value. There are three approaches to value to be considered in any appraisal, The Cost, Income and Market Approaches. Considering our estimate of the highest and best use for this property, the Income and Cost Approaches were not deemed applicable for this assignment. The highest and best use is for redevelopment of the site with some type of hotel development. Therefore, the Cost and Income Approaches to Value would not be applicable in this assignment. We have reviewed vacant land sales in our overall analysis to arrive at the highest and best use for the subject property and our opinion of the market value.

Therefore, the Market Approach to Value will be considered as the most applicable method of valuation for the subject whole property. Initially, we attempted to investigate sales purchased for hotel development, although there were few sales in the current time frame. In expanding our sales search, we investigated commercial sites with similar type locations or potential for hotel use. On the following pages, we will submit the comparable sales considered in our analysis of the market value, followed by a sales table, map, and our analysis and conclusion.

COMPARABLE VACANT LAND SALE NUMBER 1



| | |
|------------------------------|--|
| RECORDED: | Broward County Instrument Number 112760119 |
| GRANTOR: | CC Broward Property V, LLC |
| GRANTEE: | ALDI (Florida), LLC. |
| DATE OF SALE: | January 20, 2015 |
| DATE INSPECTED: | August 26, 2016 |
| SITE SIZE/DIMENSIONS: | 101,009 SF |
| TOPOGRAPHY/ELEVATION: | At the time of sale, the site was level and at street grade. |

COMPARABLE VACANT LAND SALE NUMBER 1 (Continued)

CONSIDERATION: \$1,800,000

UNIT SALE PRICE PER SQUARE FOOT: \$17.82 per square foot of land area

TYPE OF INSTRUMENT: Special Warranty Deed

FOLIO NO: 51-41-04-03-0033

LOCATION: 4298 N University Drive, Cooper City, Florida

LEGAL DESCRIPTION: Lengthy, See deed. A Portion of parcels "B" and "C-1" of Monterra Plat, according to the plat thereof, as recorded in Plat Book 175, Page 155, of the Public Records of Broward County, Florida

ZONING: PMUD Planned Mixed Use Development

PRESENT USE: Developed with ALDI super market.

HIGHEST AND BEST USE: Commercial

CONDITION OF SALE: Arm's-length transaction

FINANCING: Cash to Seller

ENCUMBRANCES: Restrictions, covenants, limitations, zoning, regulations imposed by government authority, and easement of record.

REMARKS/COMMENTS: Superior corner location on University Drive in Cooper City. Purchased for development with an ALDI super market.

PROPERTY SKETCH

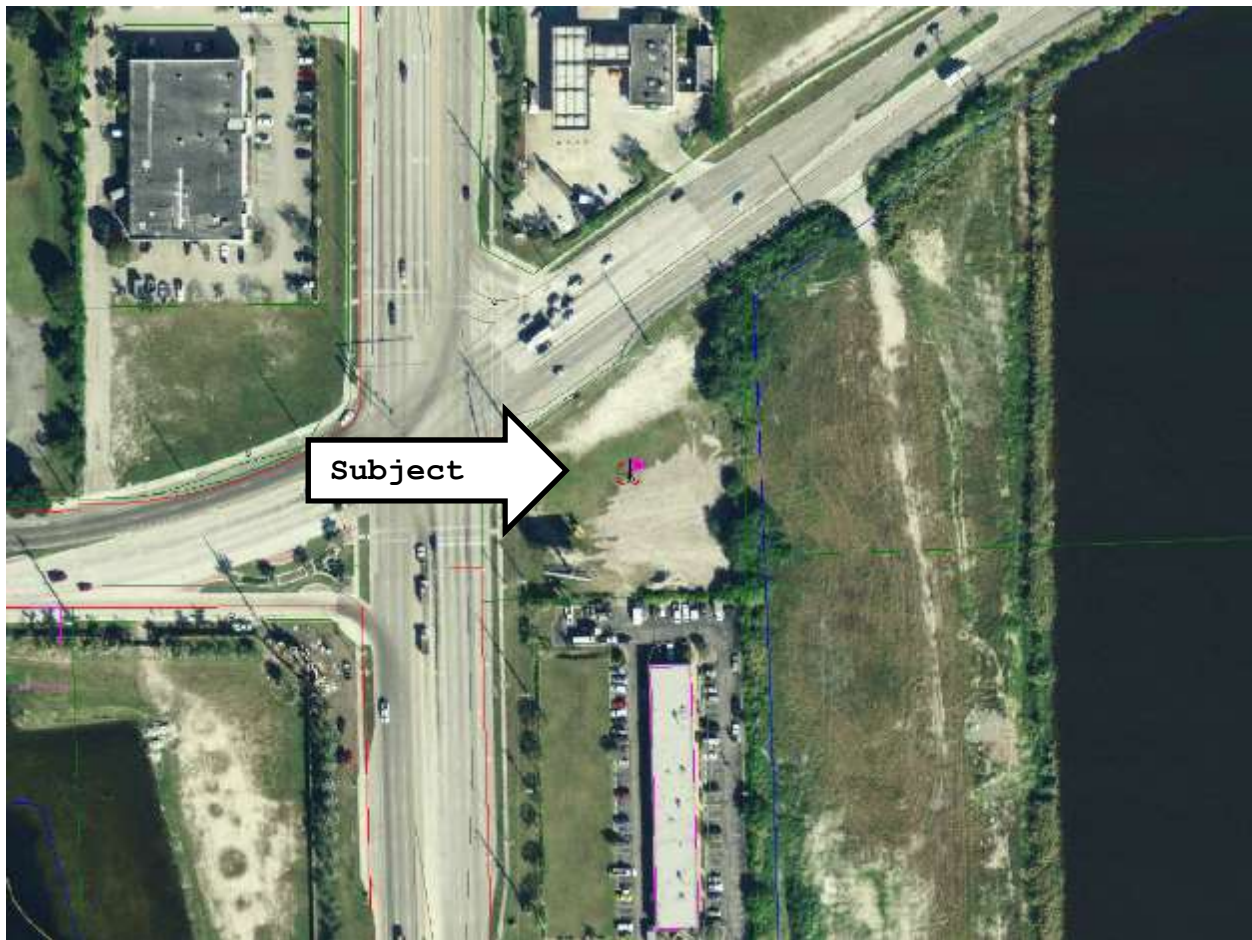


PHOTOGRAPH OF LAND SALE 1



View of Property looking west from the parking lot Taken By Brian Stark Of The Urban Group Inc. On August 26, 2016

COMPARABLE VACANT LAND SALE NUMBER 2



| | |
|------------------------------|--|
| RECORDED: | Broward County Instrument Number 112997138 |
| GRANTOR: | Crystal Pointe Developers, LLC |
| GRANTEE: | Good Way Oil 15 th Corporation |
| DATE OF SALE: | May 14, 2015 |
| DATE INSPECTED: | August 26, 2016 |
| SITE SIZE/DIMENSIONS: | 68,749 SF |
| TOPOGRAPHY/ELEVATION: | At the time of sale, the site was level and at street grade. |

COMPARABLE VACANT LAND SALE NUMBER 2 (Continued)

CONSIDERATION: \$1,208,300

UNIT SALE PRICE PER SQUARE FOOT: \$17.58 per square foot of land area

TYPE OF INSTRUMENT: Warranty Deed

FOLIO NO: 48-42-15-14-0012

LOCATION: 4950 N Powerline Road, Deerfield Beach, Florida

LEGAL DESCRIPTION: Parcel "A" less the South 1,284 feet, Oriole Industrial Park, according to the Plat thereof, as recorded in Plat Book 116, Page 1, of the Public Records of Broward County, Florida

ZONING: B-3 Business, General

PRESENT USE: Vacant Land

HIGHEST AND BEST USE: Commercial

CONDITION OF SALE: Arm's-length transaction

FINANCING: Cash to Seller

ENCUMBRANCES: Restrictions, covenants, limitations, zoning, regulations imposed by government authority, and easement of record.

REMARKS/COMMENTS: Corner site located on Powerline Road and Wiles(Green) Road. Located across the street from the landfill. Purchased for service station use. Superior zoning.

PROPERTY SKETCH



PHOTOGRAPH OF LAND SALE 2



View of Property looking South from north side of NW 49th Court
Taken BY Brian Stark of The Urban Group Inc. on August 26, 2016

COMPARABLE VACANT LAND SALE NUMBER 3



RECORDED:

Broward County
Instrument Number 112759787

GRANTOR:

Palmetto Hospitality of Dania Beach
OP, LLC, Palmetto Hospitality of
Dania Beach HP, LLC and Palmetto
Hospitality of Dania Beach SS, LLC

GRANTEE:

Dania Live 1748, LLC

DATE OF SALE:

January 19, 2015

DATE INSPECTED:

August 26, 2016

SITE SIZE/DIMENSIONS:

125,721 SF

TOPOGRAPHY/ELEVATION:

At the time of sale, the site was
level and at street grade.

COMPARABLE VACANT LAND SALE NUMBER 3 (Continued)

CONSIDERATION: \$2,850,000

UNIT SALE PRICE PER SQUARE FOOT: \$22.67 per square foot of land area

TYPE OF INSTRUMENT: Special Warranty Deed

FOLIO NO: 50-42-33-39-0011 & -0012

LOCATION: 81 SW 18th Avenue, Dania Beach, Florida

LEGAL DESCRIPTION: Lengthy, See Deed.

ZONING: PMUD Planned Mixed Use Development

PRESENT USE: Vacant Land

HIGHEST AND BEST USE: Commercial

CONDITION OF SALE: Arm's-length transaction

FINANCING: Cash to Seller

ENCUMBRANCES: Restrictions, covenants, limitations, zoning, regulations imposed by government authority, and easement of record.

REMARKS/COMMENTS: Sold by hotel developer. Interior site with I-95 exposure. Located south of the airport in area of heavy concentration of hotels.

PHOTOGRAPH OF LAND SALE 3



View of Property looking north from the south side of the property
Taken By Brian Stark Of The Urban Group Inc. On August 26, 2016

COMPARABLE VACANT LAND SALE NUMBER 4



| | |
|------------------------------|--|
| RECORDED: | Broward County Instrument Number 113253297 |
| GRANTOR: | Weekley Five Davie, LLC |
| GRANTEE: | 4 th Ave Land Holdings, LLC |
| DATE OF SALE: | September 24, 2015 |
| DATE INSPECTED: | August 26, 2016 |
| SITE SIZE/DIMENSIONS: | 130,786 SF |
| TOPOGRAPHY/ELEVATION: | At the time of sale, the site was level and at street grade. |

COMPARABLE VACANT LAND SALE NUMBER 4 (Continued)

CONSIDERATION: \$2,615,000

UNIT SALE PRICE PER SQUARE FOOT: \$19.99 per square foot of land area

TYPE OF INSTRUMENT: Special Warranty Deed

FOLIO NO: 50-41-26-02-0054, -0053, 50-41-26-09-0010 & -0020

LOCATION: 3890 Davie Road, Davie, Florida

LEGAL DESCRIPTION: Lengthy, See deed.

ZONING: RAC-TC Davie Town Center District

PRESENT USE: Vacant Land

HIGHEST AND BEST USE: Commercial

CONDITION OF SALE: Arm's-length transaction

FINANCING: Cash to Seller

ENCUMBRANCES: Restrictions, covenants, limitations, zoning, regulations imposed by government authority, and easement of record.

REMARKS/COMMENTS: Irregular shaped parcel of land located near the Nova Southeastern and Broward College campus in Davie. Superior zoning for mixed use development.

PROPERTY SKETCH



PHOTOGRAPH OF LAND SALE 4



View of Property looking South from the access road Taken By Brian Stark Of The Urban Group Inc. On August 26, 2016

COMPARABLE VACANT SALES TABLE

| <u>SALE #</u> | <u>SALE DATE</u> | <u>LOCATION</u> | <u>SALE PRICE</u> | <u>LAND SIZE</u> | <u>PRICE PER SF</u> |
|--------------------------|-----------------------------|---|------------------------------|-----------------------------|--------------------------------|
| 1 | 1/20/2015 | UNIVERSITY DRIVE, COOPER CITY | \$1,800,000 | 101,009 | \$17.82 |
| 2 | 05/14/2015 | POWERLINE ROAD, DEERFIELD BEACH | \$1,208,300 | 68,749 | \$17.58 |
| 3 | 1/19/2015 | SW 18 TH AVENUE, DANIA BEACH | \$2,850,000 | 125,721 | \$22.67 |
| 4 | 9/24/2015 | DAVIE ROAD, DAVIE | \$2,615,000 | 130,786 | \$19.99 |
| SUBJ | | E/S PINE ISLAND ROAD, 650 FEET S/O MCNAB ROAD, TAMARAC | | 97,812 | |

SALES COMPARISON APPROACH – LAND

We have reviewed vacant land sales located in the surrounding area and throughout Broward County which were deemed to have similar utility and similar highest and best use as the subject land. Careful consideration was given to sales with a similar highest and best use for commercial development. We have utilized a unit sale price per square foot of land area as the unit of measurement in this appraisal. This is the typical units of comparison in the market place. The subject land area is 97,812 square feet.

MARKET DATA ANALYSIS

Overall, the sale properties range in size from 68,749 square feet of land area to 130,786 square feet of land area. Sale 2 was the smallest size property and that property contained 68,749 square feet of land area with a unit sale price of \$17058 per square foot of land area. Sale 4 was the largest sale at 130,786 square feet of land area with a sale price of \$19.99 per square foot of land area. The sales indicated a unit sale price range from \$17.82 per square foot of land area to \$22.67 per square foot of land area. The primary differences with the sales are locations and potential uses.

Conditions of Sales

All of the comparable sales utilized in direct comparison were arm's-length transactions. Thus, no adjustment for conditions of sales is indicated.

Property Rights Conveyed

The property rights appraised for the subject are fee simple. The property rights conveyed for the sales utilized in direct comparison are fee simple with existing easements of record. No adjustment for property rights is indicated.

Financing

Vacant land of this type is generally acquired for cash with institutional financing. Often times, the financing is obtained in the form of an acquisition and development loan. However it is not uncommon for the seller to provide short term financing. All of the sales presented for direct comparison were acquired for cash or with market-based financing. Therefore, no adjustment for financing is indicated.

Market Conditions

We have analyzed numerous sales in the subject area in the time period from roughly 2014 to the present. All of the sales occurred within the past 19 months of the date of value and were considered to be applicable. The sales sold in similar market conditions and within a more recent time frame. We will consider the actual sale dates in our final analysis but no adjustment was warranted.

SALES COMPARISON APPROACH – LAND (CONT.)

Location

Locational characteristics deemed significant for this type of land includes access, surrounding demographics, surrounding properties, supply of competitive land, etc.

The subject is located on the east side of Pine Island Road approximately 650 feet south of W. McNab Road in Tamarac. Access and frontage to the property is along Pine Island Road. The subject is located in less intensive commercial district along Pine Island Road. The subject is immediately surrounded by Walgreens Pharmacy on the north and Colony West Country Club and golf course to the east, west and south. Residential uses are prominent in the surrounding area. This stretch of Pine Island Road has not experienced the same development as other areas of the county and the vacant land parcels in close proximity to the subject are some of the only vacant lots that have never been developed in the county.

We have considered sales primarily with locations in less intensive commercial districts similar to the subject location. Sale 1 is located in the southern portion of Broward County in the City of Cooper City with a location on University Drive. This area has a large supply of commercial sites and thus the supply has a negative effect on the market values. This property was purchased and developed with an ALDI supermarket. Sale 2 is located in a non-residential area that limits the demand for commercial sites. This property is located in Deerfield Beach across the street from the landfill. This property was purchased for a service station development. Sale 4 is located on the east side of Davie Road, south of State Road 84 in Davie. This site is located in an area with numerous commercial sites owned by the CRA and thus the completion for potential users includes some governmental action and potential subsidies. Sale 3 is located on an interior location with exposure to I-95. This property was sold by a hotel developer and is located in an area of several hotel developments, being a few miles south of the airport and Port Everglades. This sale is considered superior for location as compared to the subject.

Platting/Concurrency

The subject is platted as are each of the comparable sales; therefore, no adjustment is warranted for this factor.

Size

The subject land area is estimated at 97,812 square feet of land area. Sales 3 and 4 are slightly larger in size than the subject. Sale 2 was the smallest size and a little over ½ acre smaller than the subject. Sale 1 was most similar in size with a land size of 101,009 square feet of land area. Based on the review of the sales, no adjustment for size was deemed applicable, however, we have considered this factor in our final analysis.

SALES COMPARISON APPROACH – LAND (CONT.)

Zoning

The subject is zoned S-1 Recreation District by the City of Tamarac. All of the sales had a superior zoning district with some type of commercial zoning or the potential for a mixed use zoning. All of the sales would allow the development with a hotel development. The subject property is being appraised in consideration that the zoning will be changed to allow for the hotel development of the site. The zoning differential in connection with our analysis of the locational differences was considered in our final analysis of the market value.

FINAL CONCLUSION OF VALUE- SALES COMPARISON APPROACH- LAND

Based upon our review of the sales data, it is our opinion that these land sales are most comparable and indicative of the land value of the subject property.

We have considered various factors in our analysis as addressed earlier. Based upon the factors discussed, it is our opinion that a unit price at the lower end of the range would be applicable. The value conclusion is based on the potential rezoning that would allow a proposed development of the site with a hotel development as an ancillary use the existing Colony West Golf and Country Club.

We have considered the four sales presented in this report as well as numerous other sales having superior locational and zoning attributes. The four sales were in the range of \$17.58 to \$22.67 per square foot of land area. Sale 3 was considered superior with a unit sale price of \$22.67 per square foot for the site located adjacent to I-95 in Dania Beach, Florida. Considering the subject's size, location, access, zoning, physical features and the potential for future development of the property, we are of the opinion that a unit sale price for the subject land would be at \$18.00 per square foot of land area. This indicates the following valuation for the subject vacant land:

SUBJECT LAND

$$\begin{array}{rcl} 97,812 \text{ SF} \times \$18.00 \text{ per SF} & = & \$1,760.616 \\ \text{SAY} & & \$1,760,000 \end{array}$$

RECONCILIATION

The reconciliation involves the analysis of the various approaches to value. In this assignment, we have only considered the Market or Sales Comparison Approach to be most applicable. The Cost and Income Approaches to Value were not considered to be applicable.

The Sales Comparison Approach indicated a value of \$1,760,000 utilizing the unit sale price per square foot of land area as a unit of measure. Based on a suburban hotel development of 125 to 150 rooms, this equates to a per unit sale price between \$11,733 to \$14,080 per unit. This is in the range of sales in other areas for this type of hotel development and this supports our value conclusion. Based upon our review of all these factors, it is our opinion that the market value of the subject whole property as of August 25, 2016 is as follows:

ONE MILLION SEVEN HUNDRED SIXTY THOUSAND DOLLARS
\$1,760,000

ASSUMPTIONS AND LIMITING CONDITIONS

The legal description furnished to the appraiser is assumed to be correct.

All existing liens and encumbrances have been considered, however, the property is appraised as though free and clear, under responsible ownership and competent management.

The information identified in this report as being furnished to the appraiser by others is believed to be reliable, however, the appraiser assumes no responsibility for its accuracy.

The plot plans and illustrative material in this report are included only to assist the reader in visualizing the property.

It is assumed that there are no hidden or unapparent conditions of the property, subsoil, or structures that render it more or less valuable. No responsibility is assumed for such conditions or for arranging for engineering studies that may be required to discover them.

It is assumed that there is full compliance with all applicable federal, state, and local environmental regulations and laws unless noncompliance is stated, defined, and considered in the appraisal report.

It is assumed that all required licenses, certificates of occupancy, consents, or other legislative or administrative authority from any local, state, or national government or private entity or organization have been or can be obtained or renewed for any use on which the value estimate contained in this report is based.

It is assumed that the utilization of the land and any improvements is within the boundaries or property lines of the property described and that there is no encroachment or trespass unless noted in the report.

The distribution, if any, of the total valuation in this report between land and any improvements applies only under the stated program of utilization. The separate allocations for land and buildings must not be used in conjunction with any other appraisal and are invalid if so used.

Possession of this report, or copy thereof, does not carry with it the right of publication. It may not be used for any purpose by any person other than the party to whom it is addressed without the written consent of the appraiser, and in any event, only with proper written qualifications and only in its entirety.

ASSUMPTIONS AND LIMITING CONDITIONS (Continued)

Disclosure of the contents of this appraisal is governed by the By-Laws and Regulations of the American Society of Appraisers.

The appraiser herein by reason of the appraisal is not required to give further consultation, testimony, or be in attendance in court with reference to the property in question unless arrangements have been previously made.

Neither all, nor part of the contents of this report, especially any conclusions as to value, the identity of the appraiser, or the firm with which the appraiser is connected, shall be disseminated to the public through advertising, public relations, news, sales, or other media without the prior written consent and approval of the appraiser.

The Americans with Disabilities Act ("ADA") became effective January 26, 1992. I have not made a specific compliance survey and analysis of this property to determine whether or not it is in conformity with the various detailed requirements of the ADA. It is possible that a compliance survey of the property, together with a detailed analysis of the requirements of the ADA, could reveal that the property is not in compliance with one or more of the requirements of the Act. If so, this fact could have a negative effect upon the value of the property. Since I have no direct evidence relating to this issue, I did not consider possible non-compliance with the requirements of ADA in estimating the value of the property.

Unless otherwise stated in this report, the existence of hazardous materials, which may or may not be present on the property, was not observed by the appraiser. The appraiser has no knowledge of the existence of such materials on, or in the property. The appraiser is not qualified to detect such substances. The presence of substances such as asbestos, urea-formaldehyde foam insulation, or other potentially hazardous materials may affect the value of the property. The value estimate is predicated on the assumption that there is no such material on or in the property that would cause a loss in value. No responsibility is assumed for any such conditions, or for any expertise or engineering knowledge required to discover them. The client is urged to retain an expert in this field, if desired.

Special Assumption

We have made a special assumption that the subject property could be developed with a hotel use although it is not a permitted use under the current subject's B-2 zoning district; however, the City has indicated a willingness to rezone to allow that use. The site has numerous trees on the site and although some mitigation will be required for development, it is our assumption, that the trees will not have a negative impact on any potential development.

CERTIFICATION

The undersigned does hereby certify that except as otherwise noted in this appraisal report:

1. To the best of our knowledge and belief, the statements of fact contained in this appraisal report, upon which the analysis, opinions, and conclusions expressed herein are based, are true and correct.
2. The reported analysis, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and is my personal, unbiased professional analysis, opinions, and conclusions.
3. We have no present or prospective interest in the property that is the subject of this report, and I (we) have no personal interest or bias with respect to the parties involved.
4. Our compensation is not contingent on an action or event resulting from the analysis, opinions, or conclusions in, or the use of, this report.
5. Our analysis, opinions, and conclusions were developed, and this report has been prepared, in conformity with the requirements of the Uniform Standards of Professional Appraisal Practice.
6. Brian Stark provided significant professional assistance in the preparation of this report.
7. Robert D. Miller has met or exceeded the minimum prescribed educational requirements for Re-certification as an Accredited Senior Appraiser (ASA) or the American Society of Appraisers.
8. The appraiser completed an inspection of the property that is the subject of this report. Based on the highest and best use analysis, an exterior inspection was considered to be most applicable.
9. The appraiser previously completed an appraisal on the entire golf course property, but that occurred over three years prior to this assignment. The appraiser has not specifically appraised the parcel as delineated in this report.



Robert D. Miller, ASA
State Certified General R.E. Appraiser No. RZ1270

ADDENDUM

SUBJECT PHOTOGRAPHS



View of parking lot looking northerly



View of portico looking northerly

SUBJECT PHOTOGRAPHS



View from portico of parking lot area



View looking westerly from portico driveway

SUBJECT PHOTOGRAPHS



View of parking lot looking southerly



View looking southerly along NW 88th Avenue

ACQUIRING DEED

CFN # 110462474, OR BK 40406 Page 1067, Page 1 of 5, Recorded 12/28/2011 at 02:51 PM, Broward County Commission, Doc. D \$21000.00 Deputy Clerk 3110

Prepared by:

STANLEY M. SACKS, Esq.
617 S. Andrews Avenue
Fort Lauderdale, Florida 33301

WARRANTY DEED

THIS WARRANTY DEED made the 27th day of December, 2011 by EDWARD RACK CORPORATION, a Florida corporation, hereinafter called the Grantor, whose post office address is 6800 N.W. 88th Avenue, Tamarac, Florida 33321, to THE CITY OF TAMARAC, a Florida municipal corporation, whose post office address is 7525 N.W. 88th Avenue, Tamarac, Florida 33321, hereinafter called the Grantee(s):

WITNESSETH:

THAT THE GRANTOR, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, alien, remises, releases, conveys and confirms unto the Grantee, all that certain land situate in Broward County, Florida, to-wit:

LEGAL DESCRIPTION ATTACHED AS EXHIBIT "A"

Tax Folio Nos.: 494108-01-0060; 494108-11-0710; 494108-01-0010;
494109-06-0020 and 494109-33-0010

SUBJECT TO:

1. Restrictions, reservations, conditions, limitations and easements of record, if any, and taxes for the year 2012 and subsequent years.

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same in fee simple forever.

AND the Grantor hereby covenants with said Grantee that the Grantor is lawfully seized of said land in fee simple; that the Grantor has good right and lawful authority to sell and convey said land; that the Grantor hereby fully warrants the title to said land and will defend the

(5)

same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2011.

IN WITNESS WHEREOF, the said Grantee has signed and sealed these presents the day and year first above written.

SIGNED IN THE PRESENCE OF

Sign Rita L. Hagan
Print RITA L. HAGAN

Sign Stanley M. Sacks
Print STANLEY M. SACKS

EDWARD RACK CORPORATION
a Florida corporation

By: Norman C. Rack
Norman C. Rack, Vice President

(Corporate Seal)



STATE OF FLORIDA
COUNTY OF BROWARD

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared **NORMAN C. RACK as Vice President of EDWARD RACK CORPORATION, a Florida corporation**, to me known to be the person described in and who executed the foregoing instrument, and who has produced a PERSONALLY KNOWN as identification, and he has acknowledged before me that he executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 27 day of December, 2011.

Rita L. Hagan
Notary Public, State of Florida
My Commission Expires:



EXHIBIT "A"
LEGAL DESCRIPTION

A portion of Section 8, Township 49 South, Range 41 East, of Fort Lauderdale Truck Farms Subdivision, as recorded in Plat Book 4, Page 31, of the Public Records of Broward County, Florida, being more particularly described as follows:

Commencing at the Northeast corner of said Section 8; thence South 00° 01' 37" East, along the East line of said Section 8, a distance of 2637.99 feet; thence North 88° 59' 05" West a distance of 53.01 feet to the Point of Beginning of this description; thence North 00° 01' 37" West, parallel with and 53.00 feet West of, as measured at right angles to the East line of said Section 8, a distance of 1558.05 feet to a point of curvature of a circular curve to the left; thence Northerly and Westerly along the arc of said curve, having a radius of 25.00 feet, an arc distance of 39.27 feet to the point of tangency; thence South 89° 58' 25" West a distance of 35.00 feet to a point of curvature of a circular curve to the left; thence Westerly and Southerly along the arc of said curve, having a radius of 285.00 feet, an arc distance of 40.13 feet; thence South 0° 01' 37" East, a distance of 135.00 feet; thence South 16° 02' 45" West, a distance of 686.27 feet; thence South 05° 34' 29" East, a distance of 600.52 feet; thence North 72° 09' 58" West, a distance of 401.52 feet; thence North 88° 59' 05" West, a distance of 280.00 feet; thence North 09° 59' 20" East, a distance of 1001.80 feet to the point of curvature of a circular curve to the left; thence Northerly, along the arc of said curve, having a radius of 220.00 feet, an arc distance of 201.04 feet; thence North 61° 47' 33" East, a distance of 448.95 feet; thence South 39° 51' 47" East, a distance of 180.88 feet to an intersection with the arc of a circular curve to the right, having a radius of 335.00 feet and whose radius point bears South 37° 49' 54" East, from the last described point; thence Easterly along the arc of said curve, an arc distance of 76.60 feet to an intersection with the arc of a circular curve to the left; thence Northerly and Westerly along the arc of said curve, having a radius of 300.00 feet, and whose radius point bears South 89° 57' 07" West, from the last described point, an arc distance of 250.54 feet to the point of tangency; thence North 47° 53' 50" West, a distance of 541.03 feet; thence North 0° 01' 37" West, a distance of 410.00 feet; thence North 88° 59' 10" West, parallel with and 53.00 feet South of as measured at right angles to the North line of said Section 8, being further described as the South Right-of-Way line of McNab Road, a distance of 100.00 feet; thence South 0° 01' 37" East, a distance of 130.61 feet; thence Southwesterly along the arc of a circular curve to the right, whose radius point bears North 88° 59' 10" West, from the last described point and having a radius of 1280.00 feet, an arc distance of 999.70 feet; thence North 37° 59' 05" West, a distance of 7.43 feet; thence South 32° 00' 55" West, a distance of 45.00 feet; thence South 57° 59' 05" East, a distance of 162.90 feet to the point of curvature of a circular curve to the right; thence Southerly along the arc of said curve, having a radius of 175.00 feet, an arc distance of 230.77 feet to the point of tangency; thence South 17° 34' 17" West, a distance of 147.61 feet to the point of curvature of a circular curve to the left; thence Southerly, along the arc of said curve, having a radius of 375.00 feet, an arc distance of 172.37 feet to the point of tangency; thence South 08° 45' 52" East, a distance of 541.39 feet to the point of curvature of a circular curve to the right; thence Southwesterly, along the arc of said curve, having a radius of 100.00 feet, an arc distance of 143.00 feet to the point of tangency; thence South 73° 09' 58" West, a distance of 117.65 feet to the point of curvature of a circular curve to the right; thence Northwesterly along the arc of said curve, having a radius of 75.00 feet, an arc distance of 157.16 feet to a point of reverse curve; thence Northwesterly along the arc of a circular curve to the left, having a radius of 125.00 feet, an arc distance of 78.86 feet to the point of tangency; thence North 38° 11' 55" West, a distance of 264.30 feet; thence North 01° 00' 55" East, a distance of 445.00 feet; thence North 88° 59' 05" West, a distance of 100.00 feet; thence North 67° 23' 29" West, a distance of 189.57 feet to the point of curvature of a circular curve to the right; thence Northwesterly, along the arc of said curve, having a radius of 385.00 feet, an arc distance of 245.84 feet; thence South 59° 31' 39" West, a distance of

375.88 feet to the point of curvature of a circular curve to the left; thence Southwesterly, along the arc of said curve, having a radius of 1420.00 feet, an arc distance of 517.41 feet to the point of tangency; thence South $38^{\circ} 19' 01''$ West, a distance of 177.12 feet to a point on the arc of a circular curve to the right, whose radius point bears South $47^{\circ} 40' 39''$ West, from the last described point; thence Southeasterly, along the arc of said curve, having a radius of 830.00 feet, an arc distance of 39.14 feet; thence North $65^{\circ} 52' 56''$ East, a distance of 711.17 feet; thence North $59^{\circ} 11' 39''$ East, a distance of 195.30 feet to the point of curvature of a circular curve to the right; thence Easterly, along the arc of said curve, having a radius of 90.00 feet an arc distance of 129.76 feet to the point of tangency; thence South $38^{\circ} 11' 53''$ East, a distance of 238.94 feet to the point of curvature of a circular curve to the right; thence South along the arc of said curve, having a radius of 75.00 feet, an arc distance of 51.33 feet to the point of tangency; thence South $01^{\circ} 00' 55''$ West, a distance of 199.51 feet to the point of curvature of a circular curve to the left; thence Southeasterly, along the arc of said curve, having a radius of 110.00 feet, an arc distance of 51.47 feet to the point of tangency; thence South $26^{\circ} 00' 00''$ East, a distance of 51.57 feet to the point of curvature of a circular curve to the right; thence Southerly along the arc of said curve, having a radius of 200.00 feet, an arc distance of 94.30 feet to the point of tangency; thence South $01^{\circ} 00' 55''$ West a distance of 55.00 feet to the point of curvature of a circular curve to the right; thence Southwesterly, along the arc of said curve, having a radius of 75.00 feet, an arc distance of 146.59 feet to the point of tangency; thence North $67^{\circ} 00' 00''$ West, a distance of 144.50 feet to the point of curvature of a circular curve to the left; thence Northwesterly along the arc of said curve, having a radius of 350.00 feet, an arc distance of 134.30 feet to the point of tangency; thence North $88^{\circ} 59' 05''$ West, a distance of 687.55 feet to a point on the arc of a circular curve to the left, whose radius point bears South $69^{\circ} 41' 30''$ West, from the last described point; thence Northwesterly, along the arc of said curve, having a radius of 770.00 feet, an arc distance of 185.01 feet; thence South $53^{\circ} 00' 40''$ West, a distance of 140.37 feet to a point of curvature of a circular curve to the right; thence Westerly, along the arc of said curve, having a radius of 75.00 feet an arc distance of 90.45 feet to the point of tangency; thence North $37^{\circ} 53' 23''$ West, a distance of 92.88 feet to the point of curvature of a circular curve to the left; thence Westerly, along the arc of said curve, having a radius of 250.00 feet an arc distance of 167.23 feet to the point of tangency; thence South $83^{\circ} 47' 04''$ West, a distance of 421.11 feet; thence South $88^{\circ} 41' 41''$ West, a distance of 718.98 feet to the point of curvature of a circular curve to the right; thence Northwesterly, along the arc of said curve having a radius of 140.00 feet, an arc distance of 131.77 feet to the point of tangency; thence North $37^{\circ} 22' 33''$ West, a distance of 93.81 feet to the point of curvature of a circular curve to the left; thence Northwesterly along the arc of said curve, having a radius of 140.00 feet, an arc distance of 182.44 feet to the point of tangency; thence South $67^{\circ} 57' 31''$ West, a distance of 152.74 feet to the point of curvature of a circular curve to the right; thence Westerly and Northerly along the arc of said curve, having a radius of 125.00 feet, an arc distance of 267.38 feet to the point of tangency; thence North $10^{\circ} 31' 03''$ East, a distance of 170.46 feet to the point of curvature of a circular curve to the left; thence Northerly along the arc of said curve, having a radius of 300.00 feet, an arc distance of 162.91 feet to the point of tangency; thence North $20^{\circ} 35' 42''$ West, a distance of 175.29 feet to the point of curvature of a circular curve to the right; thence Northeasterly along the arc of said curve, having a radius of 75.00 feet, an arc distance of 126.46 feet to the point of tangency; thence North $76^{\circ} 00' 35''$ East, a distance of 218.42 feet to the point of curvature of a circular curve to the right; thence Easterly and Southerly along the arc of said curve, having a radius of 150.00 feet, an arc distance of 323.38 feet to a point of reverse curve; thence Southeasterly, along the arc of a circular curve to the left, having a radius of 110.00 feet, an arc distance of 91.05 feet to the point of tangency; thence South $27^{\circ} 53' 51''$ East, a distance of 360.00 feet to the point of curvature of a circular curve to the left; thence Southeasterly along the arc of said curve, having a radius of 100.00 feet, an arc distance of 149.45 feet; thence North $20^{\circ} 56' 13''$ West, a distance of 173.30 feet to the point of curvature of a circular curve to the right; thence Northerly along the arc of said curve, having a radius of 200.00 feet, an arc distance of 236.15 feet to a point

of reverse curve, thence Northwesterly along the arc of a circular curve to the left, having a radius of 25.00 feet, an arc distance of 39.91 feet to a point of reverse curve; thence Northwesterly along the arc of a circular curve to the right having a radius of 725.00 feet, an arc distance of 496.68 feet; thence North 88° 59' 10" West, a distance of 539.63 feet; thence South 00° 00' 51" West, parallel with and 53.00 feet East of, as measured at right angles to the West line of said Section 8, a distance of 1159.73 feet; thence South 88° 59' 05" East, a distance of 5171.68 feet to the point of Beginning.

LESS and EXCEPT the following described parcel, Commencing at the Northeast corner of said Section 8; thence South 00° 01' 37" East along the East line thereof, a distance of 2637.99 feet; thence North 88° 59' 05" West, a distance of 53.01 feet; thence North 00° 01' 37" West, parallel with and 53.00 feet West of, as measured at right angles to the East line of said Section 8, a distance of 134.85 feet to the point of beginning of this description, said point being further described as being the point of curvature of a circular curve to the left; thence Northerly and Westerly along the arc of said curve having a radius of 25.00 feet an arc distance of 39.27 feet to the point of tangency; thence South 89° 58' 23" West, a distance of 29.47 feet to a point of curvature of a circular curve to the right; thence Westerly and Northerly along the arc of said curve, having a radius of 575.00 feet an arc distance of 179.25 feet to the point of tangency; thence North 72° 09' 58" West, a distance of 1.18 feet; thence North 05° 34' 29" West, a distance of 54.43 feet; thence South 72° 09' 58" East, a distance of 23.83 feet to a point of curvature of a circular curve to the left; thence Southerly and Easterly along the arc of said curve having a radius of 525.00 feet, an arc distance of 163.66 feet to the point of tangency; thence North 89° 58' 23" East, a distance of 29.47 feet to a point of curvature of a circular curve to the left; thence Easterly and Northerly along the arc of said curve, having a radius of 25.00 feet, an arc distance of 39.27 feet; thence South 00° 01' 37" East, parallel with and 53.00 feet West of as measured at right angles to the East line of said Section 8 a distance of 100.00 feet to the point of BEGINNING, and also LESS and EXCEPT Parcels "B" and "C", and Road Right-of-Way for Westwood Boulevard West of the Village, as recorded in Plat Book 80, Page 19 of the Public Records of Broward County, Florida.

Together with:

Parcel "G" of Woodland Lakes, according to the plat thereof, recorded in Plat Book 71, Page 18 of the Public records of Broward County, Florida.

Together with:

All of Colony West Clubhouse Plat, according to the Plat thereof, recorded in Plat Book 103, Page 36 of the Public Records of Broward County, Florida.

Together with:

All of Lot 71, COLONY WEST ESTATES, according to the Plat thereof as recorded in Plat Book 91, Page 19 of the Public records of Broward County, Florida.

Less and Except therefrom two parcels known as Parcels 109 and 113 of Project 5117 McNab Road Widening from Pine Island Road to University Drive as described in Corporate Warranty deed recorded July 9, 1998 in O. B. Book 28534 at Page 705 of the Public records of Broward County, Florida.

Said lands situate, lying and being in the City of Tamarac, Broward County, Florida containing 232.11 acres more or less.

ZONING CODE

DIVISION 13. - S-1 RECREATIONAL DISTRICT^[16]

Footnotes:

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Cross reference— Minimum landscape requirements in S-I district, § 11-10.

Sec. 24-306. - Scope.

The regulations contained in this division shall apply in all S-1 recreational districts.

(Code 1975, § 28-127)

Sec. 24-307. - Purposes and characteristics.

The S-1 recreational district is intended for outdoor sports and recreational activities in which participants may be actively or passively engaged. The activities for which the S-1 district is provided are normally and primarily conducted in the open air, while related accessory uses may be in the open air or in a building or structure. The functional characteristics of an S-1 district may require its location within, or in close relationship to, residential areas, schools, public recreational areas or scenic areas. Because of the nature of uses involved and the variety of arrangement of uses and facilities on the site plan of development, broad general regulations for plot size, yards, setbacks and height must be adequate for any location at which an S-1 district may be established.

(Code 1975, § 28-128; Ord. No. O-2014-06, § 2, 4-23-14)

Sec. 24-308. - Permitted uses.

In S-1 districts, no building or structure or part thereof shall be erected, altered or used, or land or water used, in whole or in part, for other than one (1) or more of the following specified uses:

- (1) Public or private country club. A dining room, bar and grill and snack bar may be operated at a public or private country club through special exception approval of the city commission. Such special exception approval shall be consistent with the provisions governing special exceptions as set out in this Code and consistent with the regulations concerning restaurants in section 24-434. No external advertising of the dining room, bar and grill and snack bar shall be permitted.
- (2) Golf course.
- (3) Shuffleboard court.
- (4) Swimming pool.
- (5) Tennis courts.
- (6) Neighborhood or community club operated by nonprofit or public corporation.
- (7) Public parks and open spaces.
- (8) Public and private elementary, middle or high schools on properties greater than 6.5 acres in size with a land use designation of "Recreation", subject to the special exception procedures set forth in chapter 24, article IV of the City's Code of Ordinances. Private schools shall offer curricula substantially equivalent to public schools of comparable grades and shall meet the academic requirements of the state department of education.

The operation of any recreation area shall, regardless of anything else in this chapter, be subject to the reasonable control and direction of the city and the city commission as regulatory authorities.

(Code 1975, § 28-129; Ord. No. 88-12, § 1, 5-11-88; Ord. No. O-2014-06, § 3, 4-23-14)

Sec. 24-309. - Prohibited uses.

The permissible uses enumerated in section 24-308 shall not be construed to include, either as a principal or accessory use, any of the following:

- (1) Any business or commercial use not permitted as a principal use;

- (2) Any industrial or manufacturing use;
- (3) Drive-in theater, drive-in restaurant or drive-in refreshment stand.

(Code 1975, § 28-130)

Sec. 24-310. - Landscaping.

- (a) In S-1 districts, all required yards and open spaces adjacent to streets and contiguous to residential property shall be planted and properly maintained with suitable planting in the form of grass, shrubs, hedges and trees to present an attractive appearance appropriate to the neighborhood.
- (b) Any site upon which a golf course is developed shall be landscaped and maintained in a neat and clean, live, healthy and growing condition, properly watered and trimmed, free of any structure, refuse or debris, for a distance of not less than one hundred (100) feet from any abutting property zoned for residential use.
- (c) Any use that seeks relief by a special exception must ensure the following actions are completed or are proposed to be completed through a site plan revision or building permit prior to approval by the city commission:
 - (1) The entire site in which the proposed use is located shall be in compliance with current landscaping requirements to the greatest extent possible as stated in Chapter 11, Landscaping.
 - (2) All vehicular use areas shall be in compliance with current requirements to the greatest extent possible as stated in Chapter 9, Health, Sanitation and Nuisances, Chapter 24, Zoning and in the city's engineering standards.

(Code 1975, § 28-132; Ord. No. O-2014-06, § 4, 4-23-14)

Cross reference—Landscaping, Ch. 11.

Sec. 24-311. - Height of buildings or structures.

In S-1 districts, no building or structure, or part thereof, shall be erected or altered to a height exceeding sixty (60) feet. This requirement shall not include wireless or light poles and antennas installed by the city for government use or a city related purpose.

(Code 1975, § 28-133; Ord. No. O-2014-06, § 5, 4-23-14)

Sec. 24-312. - Plot size.

Every plot in an S-1 district shall be not less than one hundred (100) feet in width and ten thousand (10,000) square feet in area.

(Code 1975, § 28-134)

Sec. 24-313. - Yards, setback areas, open spaces, etc.

- (a) No parking area in an S-1 district shall be located within ten (10) feet of any residentially zoned property.
- (b) No building or roofed portion of any structure shall be located within twenty-five (25) feet of any plot line.
- (c) No required open space, yard or setback area shall be used or developed for any purpose other than by landscaping and by the minimum amount of walkways or driveways reasonably necessary to serve the permitted S-1 uses.

(Code 1975, § 28-135)

Sec. 24-314. - Walls and fences.

- (a) No fence or wall in an S-1 district situated within ten (10) feet of any residentially zoned property shall exceed five (5) feet in height.
- (b) No hedge or continuous planting exceeding five (5) feet in height shall be placed or maintained within ten (10) feet of any residentially zoned property.

(Code 1975, § 28-136)

Sec. 24-315. - Assembly areas.

- (a) *Definition.* For purposes of this section, the term "assembly area" means part of a recreational building used for the gathering together of persons primarily for the purposes of group meetings, deliberation or entertainment.
- (b) *Minimum floor area.* The minimum floor area proposed for room in recreation buildings used for public or private assembly shall be based on the following formula:
 - (1) For each seat there shall be a minimum net floor area of eight (8) square feet. The term "net area" excludes stage area, storage areas and other accessory use areas.
 - (2) The minimum seating capacity shall be one (1) seat for each eight-tenths of the proposed total number of units in the subdivision plat as filed.
- (c) *Location.* The recreation building shall be located within the subdivision area as platted and shall be zoned S-1.

(Ord. No. 91-35, § 1, 10-9-91)

QUALIFICATIONS

ROBERT D. MILLER, ASA

EDUCATION:

Appraisal Institute Courses
SSP Standards of Professional Practice
I-A Fundamentals of Real Estate Appraisal
I-B Capitalization Theory and Techniques
8 Appraising a Single-Family Residence
Case Studies in Real Estate Valuation
Report Writing
Business Valuation Seminar
Litigation Valuation
Other Appraisal Courses
Mass Appraisal of Residential Properties
Florida State Law and USPAP
Factory Built Housing
Automated Valuation Models

PROFESSIONAL AFFILIATION:

Senior Member of American Society of Appraisers-
South Florida Chapter No. 82 – Accredited Senior Appraiser (ASA) Real
Property Urban

LICENSED:

Certified General Real Estate Appraiser #0001270- State of Florida

EXPERIENCE:

1995-Present Real Estate Appraiser- Owner Appraisal Firm
1993-1995 Vice President-The Urban Group, Inc.
1978-1993 Real Property Analysts, Inc., Fort Lauderdale,
Florida, Executive Vice President
1987 Involved in United States Senate Study Right-of-
Way Acquisition Procedures

QUALIFIED AS EXPERT WITNESS FOR:

Condemnation proceeding in Broward, Miami-Dade, Monroe, Palm Beach
and Duval Counties, Florida and Lake, Kankakee, Cook and DuPage
Counties, Illinois. Testified in Bankruptcy Court in Florida and Texas and
Federal Court in Miami, Florida

HAS COMPLETED:

| | |
|---------------------------------|----------------------|
| Appraisal Assignments | Counseling |
| Commercial, vacant and improved | Acquisition projects |
| Condemnation projects | Income tax analysis |
| Industrial, vacant and improved | Investment analysis |
| Multi-family residential, | Tax assessments |
| Mobile Home Parks | ROW Cost Analysis |
| Office, vacant and improved | Special assessments |
| Special purpose properties | Review Services |

VARIOUS CLIENTS OVER THE PAST TEN YEARS

GOVERNMENT

**BROWARD COUNTY
BROWARD COUNTY AVIATION DEPARTMENT
BROWARD COUNTY SCHOOL BOARD
CHARLOTTE COUNTY
CITY OF BOYNTON BEACH
CITY OF CORAL SPRINGS
CITY OF DELRAY BEACH
CITY OF FORT LAUDERDALE
CITY OF FORT MYERS
CITY OF HALLANDALE BEACH
CITY OF HOLLYWOOD
CITY OF LAUDERDALE LAKES
CITY OF KEY WEST
CITY OF MARGATE
CITY OF MIAMI SPRINGS
CITY OF NORTH LAUDERDALE
CITY OF POMPAÑO BEACH
CITY OF RIVIERA BEACH
CITY OF SUNRISE
CITY OF WEST PALM BEACH
FEDERAL AVIATION ADMINISTRATION
FLORIDA DEPARTMENT OF TRANSPORTATION
PALM BEACH COUNTY
PALM BEACH COUNTY SCHOOL BOARD
SOUTH FLORIDA WATER MANAGEMENT
TOWN OF DAVIE
US DEPARTMENT OF HOUSING & URBAN DEVELOPMENT**

PRIVATE

**ALTMAN DEVELOPMENT CORPORATION
BELLSOUTH MOBILITY
CLEAR CHANNEL OUTDOOR
CLEVELAND CLINIC
LENNAR HOMES
THE TAUBMAN COMPANY
SBA TOWERS INC.
UNITED HOMES
WAL-MART CORPORATION**

ATTORNEY

**ACKERMAN SENTERFITT
BECKER & POLIAKOPF
TOBY BRIGHAM-
BRUSCHI LP
COKER AND FEINER
BRIAN PATCHEN PA
HOLLAND & KNIGHT
GREENSPOON MARDER
TEW CARDENAS
GOREN CHEROF DOODY & EZROL PA
WEISS-SEROTA-HELFMAN**

Summary of Findings and Conclusions

The Fairfield Inn & Suites by Marriott will have numerous positive impacts on the City of Tamarac, its residents and its guests.

Economic Impact of the Hotel on the City of Tamarac and Its Businesses

- Initially, the hotel will pay the City of Tamarac approximately \$50,000 in building permit fees and will employ +/- 50 workers per day associated with its construction for approximately one year.
- Nearby businesses, especially those offering food, fuel and convenience items will benefit from the presence of the construction workers.
- Sixteen full-time jobs will be created to staff the hotel.
- In addition, the hotel will require the services of outside vendors and local businesses in its operations.
- Guests of the hotel will provide a brand new source of revenue for nearby businesses, especially restaurants and retail, as shopping and going to restaurants are first on the list of favorite things to do for visitors to a new place.
- Guests of the hotel will provide a brand new source of revenue for food and beverage at the new Colony West Clubhouse and for play at the course.
- While the hotel may not spur new development, it likely will improve occupancy rates at nearby shopping centers.
- The hotel will pay approximately \$80,000 annually in property taxes.

Impact of the Hotel on the Nearby Residents

- The statistics for the residential developments serving as Experimental Groups 1 and 2 in this report, namely, Golf Villas II Condominium in Port St. Lucie, and The Falls at Heron Bay in Parkland, were only positive for the residents.
- Property owners in close proximity to, and often with a direct view of the hotels from their properties experienced only positive effects in value and demand for their homes.

- At both the Golf Villas and The Falls, even though price and product were very different, the statistics from our analysis showed increases in price and number of sales during both construction and openings of the hotels.
- It was not the placement of hotels near their properties that caused any decreases in values and number of sales in their homes, but rather it was solely the economic conditions of the times.
- The hotels reviewed in this study serve as a source of visitors to the area who may wish to move there and live and play on that golf course. Residential real estate on and near this golf club will be desirable to that category of visitors to this new hotel.
- Residents will enjoy the hotel's proximity for their out-of-town guests.
- A nice hotel nearby is excellent to have for residents who may require a hotel room for reasons such as home remodeling/repairs or flooding in the home.
- Interviews with expert real estate agents, who sold homes in PGA Village or Heron Bay throughout their initial absorption periods and well beyond, made only positive statements and associations with the construction and openings of the hotels critiqued in this report.

Benefits of this Location for the Hotelier

RealMark Research reviewed approximately fifty properties in order to find a situation similar to the placement of the proposed Fairfield Inn & Suites directly on the golf course and in view of residential real estate. This in itself is significant. Due to the rarity of the Fairfield Inn's location directly on the golf course, it will have a very unique opportunity in its advertising strategy; namely, to boast of its location directly on the greens. Search Engine Result Placements (SERPs) will provide results nowhere else found in Broward County in an internet search for a new, affordable and national chain hotel on a golf course. Visitors and residents alike can enjoy this golf experience. While the Fort Lauderdale Marriott Coral Springs Hotel and Convention Center at Heron Bay has similar locational attributes, it is a larger, more impersonal hotel catering to the corporate and convention market. It also is about twelve miles from the subject property for motorists traveling on the Sawgrass Expressway.

Business travelers with a love for golf will welcome this opportunity to utilize the course and clubhouse after work or during the day with clients. And they can walk there. The new clubhouse will provide meeting space and food and bar service adjacent to their moderately sized, nationally branded hotel in a suburban locale. Leisure travelers will have the same appreciation for the proximity of the hotel to the golf course and the offerings of the clubhouse.

All residents and visitors can enjoy the golf course setting of the hotel. This tranquil image, which can be conveyed in advertising media, is often preferred by visitors and residents to a bustling, noisy downtown hotel, or a crowded beach venue with nighttime parties.

Introduction: Fairfield Inn & Suites by Marriott and New Colony West Clubhouse

The subject property currently is a vacant, partially wooded tract on the east side of Pine Island Road and south of McNab Road in the City of Tamarac. The site is about 2.7 acres (117,028 square feet). It is bounded on the north by a Walgreens and the Cypress Walk residential development. The southern portion of the property features the City-owned clubhouse and parking lot. The 36-hole Colony West golf course forms the site's eastern boundary, and is owned by the City of Tamarac and operated by Billy Casper Golf. The existing 22,000 square foot clubhouse is planned for demolition and rebuilding, thereby offering a significantly upgraded facility. The parking lot also is targeted for an upgrade with new surfacing, curbing and more attractive landscaping.

The clubhouse is promoted as a location for "Meetings, Parties, Award Dinners, Holiday Gatherings, Bar/Bat Mitzvahs, Quinceañeras, Weddings and More". The new clubhouse is planned at 16,500 square feet. Although it will be smaller in size than the existing facility, it will be far more efficiently designed, functional and attractive, and will serve the needs of all current and future users well.

The proposed Fairfield Inn & Suites is a 120-room hotel with a swimming pool, business center, fitness center and complimentary breakfast. It is a limited service hotel in the upper midscale category. The hotel will not have any meeting space as the new Colony West clubhouse will provide this amenity.

Economic Impact: Fairfield Inn & Suites by Marriott and New Colony West Clubhouse

The Fairfield Inn & Suites will have both short-term and long-term economic impact on the City of Tamarac.

Short-term Impact – Building Permits and Temporary Employment

- According to the City of Tamarac, the construction of the Fairfield Inn will generate approximately \$50,000 in building permit fees.

- The hotel can be built in about a year and will employ approximately 50 workers per day. Workers may patronize nearby businesses, especially convenience stores, restaurants, and gas stations.
- It is likely some of the workers will be from the City of Tamarac.

Long-term Impact – Property Taxes and Permanent Employment

Annual property taxes for the hotel are estimated as follows.

| | |
|--------------------------------|--------------|
| Estimated Cost to Build | \$11,000,000 |
| Tamarac's Current Millage Rate | x 0.007289 |
| Total | \$ 80,199 |

Say \$80,000 Annual Property Taxes

- Note the City will not collect bed tax from the daily operations of the hotel as this is strictly Broward County's revenue.
- Additional revenue could be generated through a land sale or lease agreement.
- According to the hotel operator, the hotel will maintain 16 full-time employees, some of whom will patronize surrounding businesses.
- Of course hotel guests also will be a source of revenue for nearby businesses.
- We agree with the hotel consultant, Brush & Company that due to the location of the site and residential and commercial characteristics of the surrounding community, demand for the hotel's facilities will emanate primarily from leisure travelers, particularly those visiting the area because of the heavily residential nature of the City of Tamarac.
- The hotel's market segments also will include commercial/business travelers and groups of all kinds such as those attending meetings/conferences and social functions such as weddings, anniversaries, family reunions, quinces, bar and bat mitzvahs and others.
- The proposed hotel also will have a fair share of extended stay business due to its partial suite configuration.

Average Daily Expenditures

RealMark Research conducted extensive research to determine the average daily expenditure of business and leisure hotel guests on restaurants, food, retail, sporting goods, gasoline, office supplies, healthcare and other services.

Unfortunately, the sources could not provide sufficient details necessary to accurately project average daily expenditures by guests at the planned Fairfield Inn & Suites. However, a relatively low average daily expenditure per guest of only \$40 on restaurants, retail and other goods and services, results in a total estimated annual expenditure of almost \$2,000,000.

The following text table begins with the calculation of the average number of occupied room nights at the proposed Fairfield Inn, and concludes with an estimate of the hotel guests' annual expenditure.

| | |
|---|--|
| Number of Rooms | 120 |
| Average Annual Occupancy Rate | x <u>0.70</u> (70% as per Brush & Co.) |
| Average Number of Occupied Room Nights | 84 |
| Average Number of Guests/Room | x <u>1.5 to 1.7</u> |
| Average Number Guests/Night | 126 to 143 |
| Number of Days/Year | x <u>365</u> |
| Number of Guests per Year | 45,990 to 52,195 Say 49,100 |
| Average Daily Expenditure/Guest (Restaurants, other retail/services) | x <u>\$40</u> |
| Total Estimated Annual Expenditure | \$1,964,000 Say \$2,000,000 |

Note some of this money will be spent outside the City of Tamarac.

The Great Recession and Economic Trends

The initial piercing of the real estate housing bubble became evident in late summer, 2005. The classic feature of this speculative era was a condition in which temporarily high housing prices were sustained largely by investors' enthusiasm rather than realistic estimates of value. Investors and speculators paid unreasonably high prices, and banks contributed to the Great Recession and economic downfall by utilizing lax lending practices with a disregard for indicators of affordability. Borrowers happily cooperated in acquiring these "liar loans" with hardly any proof of their abilities to meet monthly payments.

In an effort to increase their loan portfolios, banks offered subprime mortgages to borrowers with lower credit ratings. The irrational exuberance on the parts of the investors, speculators home builders (who overbuilt), banks and other lenders resulted in the Great Recession which began about December, 2006 and ended in June, 2009. Lingering effects of the economic downfall continued through 2011.

Single Family and Multi-Family Permits and Construction in Florida

The downturn of the Florida housing market was underscored by the significant decline in the number of single and multi-family housing permits and construction starts.

Single Family Housing Permits

Between 2005 and 2011, single family permits issued in Florida peaked at 200,832 in 2005 and dropped to 31,874 in 2011 – a plunge of 84.1%.

Multi-Family Housing Permits

Between 2005 and 2011, multi-family permits issued in Florida decreased by 85.4% from 72,046 in 2005 to 10,486 in 2011.

Single Family Construction Starts

Single family construction starts in Florida reached a peak of 195,246 in 2005 and declined by 87.3% to a meager 24,788 starts in 2009.

Multi-Family Construction Starts

Multi-family construction starts in Florida took a major hit, falling by 92.2% from 67,219 in 2005 to 5,214 in 2009.

Florida's Mortgage Debt

- According to Florida Trend magazine, Florida's mortgage debt was about \$723 billion by 2011, with a corresponding property value of \$814 billion. This reflects a very high debt to value ratio of 0.89.
- Almost half of all outstanding mortgage loans in Florida were in negative territory at the end of the first quarter of 2011, i.e., almost half of the borrowers were upside down and owed more than the value of their homes.
- Past due mortgages in Florida increased by 75.3% from 100,300 in the first quarter of 2005 to 175,900 in the second quarter of 2007.

Other Trends

Other trends of this recession and continued economic downturn included:

- Decrease in the number of homes sold
- Increase in housing inventory/overbuilding
- Increase in foreclosures
- Increase in the number of days homes were on the market
- Increase in unemployment
- Decrease in consumer spending.

The Effect of the Great Recession on a Microeconomic Scale

In the final section of this report, RealMark Research proves the negative effect of the Great Recession and its aftermath on home prices in three residential communities:

- Experimental Group 1 – Golf Villas II Condominium, Port St. Lucie
- Experimental Group 2 – The Falls at Heron Bay, Parkland
- Control Group 3 – Cypress Walk, Tamarac.

The same problems associated with the recession which plagued the State of Florida and much of the nation caused the decreases in home prices at these communities and not the opening of nearby hotels. In fact, the control group, Cypress Walk with no hotel nearby, had the worst decline in value among the three and experienced the slowest recovery, even though it is an attractive development in a good location.

Impact of the Proposed Hotel on Prices of Homes Located in Close Proximity

In order to evaluate the potential impact of a hotel on the sales prices of residential units in a golf course environment, RealMark Research analyzed trends in two experimental groups with a hotel, and one control group without a hotel. Criteria for selecting the two experimental groups included:

- Residential development on a golf course in southern Florida
- Not located on the Atlantic Ocean, Gulf of Mexico or at Disney World
- Hotel(s) located within close proximity to the residential development
- Hotel(s) constructed during release of community and/or after community was built.

Among the approximately 50 communities reviewed, the following were selected:

Experimental Group 1 – Golf Villas II Condominium, PGA Village in Port St. Lucie

This development incorporates two hotels – Main Stay Suites/Sleep Inn and Hilton Garden Inn.

Experimental Group 2 – The Falls at Heron Bay in Parkland

The Fort Lauderdale Marriott Coral Springs Hotel, Golf & Convention Center faces the Heron Bay golf course.

Control Group 3 – Cypress Walk in Tamarac

Cypress Walk is a townhome community near the proposed Fairfield Inn & Suites Marriott Hotel.

Individual sales were researched for each development, and percentage changes in average sales prices or average prices per square foot (if the sizes of the homes were different) were calculated by year. Our analysis of the period covered for each development clearly reveals the decreases in average prices over the years were caused by negative macroeconomic trends including the Great Recession and its lingering aftermath, and not by the construction or opening of hotels.

Experimental Group 1 - Golf Villas II Condominium at PGA Village, Main Stay Suites-Sleep Inn, and Hilton Garden Inn in Port St. Lucie

Overview of PGA Village

- PGA Village is a 2,600-acre master planned community located on the west side of Interstate 95 at the western edge of Port St. Lucie. It began as a smaller development, The Reserve, which grew in the 1980's and 1990's to a few hundred homes on a golf course, later to be named Legacy. A new master plan for PGA Village was drawn in the early 2000's and included PGA of America's golf club, golf training center and golf museum on thirty-five acres.
- PGA Village maintains three manned gatehouses to access the 2,500+ residences in thirty-four subdivisions. Residential real estate ranges from condominiums and villas to traditional and estate single family homes.
- There are four golf courses within PGA Village: three public courses owned by PGA (54 holes of championship golf) and one at the private Legacy Golf and Tennis Club (one 18-hole championship course plus one 9-hole short course).
- Other amenities include forty-eight lakes and waterways (about one sixth of the entire community), a large clubhouse with recreational activities, fitness center, lap pool and meeting space.
- For visitors to this golf destination, Main Stay Suites-Sleep Inn, Hilton Garden Inn and Sheraton PGA (a timeshare) provide an assortment of hotels. Some owners of Golf Villas, including the condominium project reviewed in this report, place their units in a rental pool for short- or long-term occupancy.

Main Stay Suites/Sleep Inn – Constructed in 1998, Opened in 1999

Main Stay Suites/Sleep Inn is a dual brand Choice® hotel with:

80 rooms – Sleep Inn

17 suites – Main Stay

97 Total Rooms and Suites

The 2-story hotel is directly east of Golf Villas II on the northwest corner of Champions Way and Commerce Centre Drive in Port St. Lucie. Amenities include

a pool, fitness center, meeting room and business center. The hotel also is pet friendly.

Hilton Garden Inn – Constructed in 2005, Opened in 2006

Hilton Garden Inn is located across Champions Way from Main Stay/Sleep Inn at the northeast corner of Champions Way and Commerce Centre Drive. The hotel has 130 rooms and suites in a 3-story, u-shaped building with a pool and patio in the center courtyard. In addition to the amenities at the Main Stay/Sleep Inn, this property also has a restaurant, lounge, gift shop and convenience store.

Golf Villas II Condominium in PGA Village

- Reserve Developers, LLP built this 136-unit condominium project in 1997 and 1998. All units are the same size at 1,196 square feet.
- The complex has fourteen 2-story buildings with barrel tile roofs and a community swimming pool. Five of the buildings front a golf course.
- Golf Villas II Condominium is not gated and has lower price points than other gated estate home communities within PGA Village.
- The units sold very well, and absorption, average prices and percent changes in average prices are shown in the following text table. Main Stay Suites Hotel was under construction and opened during the second and third years of sales, 1998 and 1999.
- Hilton Garden Inn was under construction in 2005 and opened in 2006.

| | <u>Year</u> | <u>Number of Units Sold</u> | <u>Average Price</u> | <u>% Change in Average Price</u> |
|------------------|-------------|---------------------------------|----------------------|--------------------------------------|
| | 1997 | 43 | \$128,053 | ----- |
| → Main Stay U/C | 1998 | 38 | \$130,934 | 2.2% |
| → Main Stay Open | 1999 | 38 | \$145,613 | 11.2% |
| | 2000 | 23 | \$158,822 | 9.1% |
| | 2001 | 7 | \$155,843 | - 1.9% |
| | 2002 | 12 | \$132,650 | - 14.9% |
| | 2003 | 17 | \$131,059 | - 1.2% |
| | 2004 | 47 | \$147,406 | 12.5% |
| → Hilton U/C | 2005 | 25 | \$192,072 | 30.3% |
| → Hilton Open | 2006 | 4 | \$202,500 | 5.4% |
| | 2007 | 2 | \$160,000 | - 21.0% |
| | 2008 | 4 | \$113,125 | - 29.3% |
| | 2009 | 5 | \$111,200 | - 1.7% |
| | 2010 | 1 | \$110,000 | - 1.1% |
| | 2011 | 5 | \$ 86,520 | - 21.3% |
| | 2012 | 10 | \$ 64,110 | - 25.9% |
| | 2013 | 13 | \$ 75,154 | 17.2% |
| | 2014 | 6 | \$ 81,033 | 7.8% |
| | 2015 | 15 | \$ 83,927 | 3.6% |
| | 2016 | 9 | \$ 97,344 | 16.0% |

- Average prices at Golf Villas II increased in all years the hotels were under construction and opened.

| | <u>Year</u> | <u>Number of Units Sold</u> | <u>Average Price</u> | <u>% Change in Average Price</u> |
|------------------|-------------|---------------------------------|----------------------|--------------------------------------|
| | 1997 | 43 | \$128,053 | ----- |
| → Main Stay U/C | 1998 | 38 | \$130,934 | 2.2% |
| → Main Stay Open | 1999 | 38 | \$145,613 | 11.2% |
| → Hilton U/C | 2005 | 25 | \$192,072 | 30.3% |
| → Hilton Open | 2006 | 4 | \$202,500 | 5.4% |

- The 2016 average sales price of \$97,344 is \$30,709, or 24.0% less than the average sales price of \$128,053 at initial offering. When compared with the peak year (2006 at \$202,500), the current average sales price is 51.9% less.
- In sum, the economic downturn, recession and slow recovery are clearly depicted in the history of this property.

Figure 1, an aerial photograph showing the locations of Golf Villas II Condominium, Main Stay Suites/Sleep Inn and the Hilton Garden Inn appear in the appendix of this report. Table 1, Golf Villas II Condominium Sales 1997 – 2016, and Table 2, Golf Villas II Sales Summary 1997 - 2016, and the corresponding bar chart follow Figure 1.

Interview with a REALTOR

An interview with a real estate broker, who sold all types of residential real estate at PGA Village for almost twenty years, starting in 1996, had the following comments.

- The presence of the hotels always helped the sales of the Golf Villas.
- Golfers would come to stay for three or four days, fall in love with the golf and other aspects of the community such as proximity to so many amenities, and would purchase a unit.
- Having the hotels provided a continuous source of buyers for both initial sales and resales. Golf pros bought a considerable number of units.
- The rental pool provided golfers the opportunity to play and stay for a week or so every year for free as the rental pool income paid the taxes and HOA fees on their condominium.
- After the (real estate) market crashed, prices have been slow to recover because many of the buyers who purchased the units were investors, who basically gave away the units during the troubled times.
- When the broker began selling real estate in 1996, there were 400 homes. By the time she stopped in 2014, only twelve to eighteen estate lots were left in all of PGA Village.

Experimental Group 2 - The Falls at Heron Bay and the Fort Lauderdale Marriott Coral Springs Hotel, Golf Club & Convention Center in Coral Springs/Parkland

Overview of Heron Bay

- Heron Bay is a private, gated community of almost 3,000 homes (about 6,800 residents) located on 1,100 acres in Parkland and in Coral Springs in the northwest quadrant of the Sawgrass Expressway and Coral Ridge Drive/Nob Hill Road.
- The development began over twenty years ago, and a count on its master plan finds more than thirty subdivisions. Currently, WCI Communities has an active sales center offering new executive and estate homes, with land remaining for future development.
- Most homes have water and/or golf frontage.
- Amenities at Heron Bay include two well-appointed clubhouses with swimming pools and fitness centers, twelve clay and Har-tru tennis courts, and the 18-hole golf course designed by Mark McCumber.
- Heron Bay's golf course and golf clubhouse are open to the public.
- In 2011, an annual review by Forbes Magazine showed how the City of Parkland was voted in the top ten (8th overall) of 17,589 towns and cities in the United States where homeowners' housing dollars went the furthest for local education. Parkland received the highest ranking in the category of homes ranging from \$400, 000 to \$599,999. Forbes's review was conducted in conjunction with GreatSchools, which analyzed standard test results for more than 200,000 U.S. public and charter schools. In sum, the City of Parkland was named by Forbes as one of the best cities in the nation for their public schools. This was a tremendous accolade for the City and likely helped its residential sales.

Fort Lauderdale Marriott Coral Springs Hotel, Golf Club & Convention Center

The Fort Lauderdale Marriott Coral Springs is a 7-story, 224-room hotel and convention center located on the Heron Bay Golf Course in Coral Springs. The Heron Bay Golf Club is situated on the northwest quadrant of the same parcel as the hotel, along with a 2-building, 3-story office complex on the east side. Coral Ridge Drive (also called Nob Hill Road) borders the east side and intersects Heron Bay Boulevard, providing a single access point to the parcel. Mature palm trees line interior roads to and from the hotel, golf club and office complex. Architectural styles and colors are complementary among the three developments and blend well with the surrounding golf course and subdivisions.

Amenities at the Marriott include:

- Swimming pool
- Jacuzzi
- Fitness center with cardio equipment and free weights
- Fairway Grill - serving breakfast, lunch and dinner
- Bar at the Fairway Grill - serving lunch and dinner
- The Coffee Bar - serving breakfast, lunch and dinner
- Adjacent 18-hole Heron Bay golf course and clubhouse.

Sized and marketed as a convention center, the hotel's meeting space can accommodate the following large events and groups:

- 24,538 square feet of event space
- 10 event rooms
- Almost 20,000 square feet of meeting space
- 12 breakout rooms
- Receptions up to 1,200
- Theatre-style seating up to 1,000
- Banquet seating up to 850
- Classroom seating up to 650.

The Heron Bay Golf Club also has a restaurant, the Heron Bay Grill, and has indoor meeting and event space able to accommodate 100 persons inside and 150 outside. On its website, the golf club offers a “Play and Stay” package, and the Marriott includes the golf club in its formal title, showing the strong relationship between these two businesses.

An interview with the event planning director informed us the vast majority of events at the Coral Springs Marriott Convention Center are corporate ones. Heron Bay residents do hold an occasional wedding, but Bar Mitzvahs are their most frequent social event at this hotel.

The Heron Bay community is comprised of almost 3,000 homes on approximately 1,100 acres. The development began over 20 years ago and has grown to about 7,000 residents. In addition to the Heron Bay Golf Clubhouse (currently closed from June through August, 2016 for renovations), the residents have two clubhouses with swimming pools, fitness centers and space to hold events. Unless an event is too large for one of these clubhouses, the residents are welcome to hold meetings or parties at a clubhouse.

The Falls at Heron Bay

- The Falls is a subdivision of fifty-three single family estate homes located within the Heron Bay community.
- Perimeter lots have golf and water views, with some directly across from the Marriott Hotel and Conference Center.
- The neighborhood began in 1996, selling lots both to builders and future homeowners for custom homes.
- For the purpose of this report, initial lot sales are not included as it is not known if the lots were released all at once or if they were released in sections. The means by which the lots were released could affect absorption pace; hence, this research focuses on home sales only. In addition, the initial buyers of lots were both contractors and future homeowners – a very different market than that of other communities reviewed in this report.

- Average price per square foot for homes sold at The Falls are summarized in the following text table.

| | <u>Year</u> | <u>Number of Homes Sold</u> | <u>Average Price Per Square Ft.</u> | <u>% Change in Price/Sq. Ft.</u> |
|----------------|-------------|---------------------------------|---|--------------------------------------|
| | 1996 | 1 | \$134 | ----- |
| | 1997 | 9 | \$128 | - 4.5% |
| →Marriott U/C | 1998 | 11 | \$133 | 3.9% |
| →Marriott Open | 1999 | 11 | \$155 | 16.5% |
| | 2000 | 9 | \$134 | - 13.5% |
| | 2001 | 9 | \$137 | 2.2% |
| | 2002 | 8 | \$158 | 15.3% |
| | 2003 | 10 | \$161 | 1.9% |
| | 2004 | 7 | \$203 | 26.1% |
| | 2005 | 3 | \$231 | 13.8% |
| | 2006 | 2 | \$266 | 15.2% |
| | 2007 | 3 | \$248 | - 6.8% |
| | 2008 | 4 | \$229 | - 7.7% |
| | 2009 | 0 | (None) | (None) |
| | 2010 | 4 | \$157 | - 31.4% |
| | 2011 | 3 | \$182 | 15.9% |
| | 2012 | 5 | \$199 | 9.3% |
| | 2013 | 4 | \$163 | - 18.1% |
| | 2014 | 6 | \$150 | - 8.0% |
| | 2015 | 4 | \$175 | 16.7% |
| | 2016 | 2 | \$173 | - 1.1% |

- In sum, Sales Prices per Square Foot at The Falls rose by 3.9% in 1998 over the previous year while the Marriott was under construction, and increased again by 16.5% in 1999 when the hotel opened.
- The average price per square foot of \$173 is greater in 2016 than when the community opened in 1996 at \$134/square foot. However, when compared

with the peak year (2006 at \$266/square foot), the current average price per square foot is 50.0% less.

Interview with a REALTOR

An interview with an active REALTOR associated with a nationally recognized real estate agency who both owns a home overlooking the Marriott and has sold homes in the community for many years had the following comments.

- The Marriott Hotel is an asset to the community as it provides residents a great place for their out-of-town guests to stay, especially if they have numerous guests and/or entertain frequently.
- Neither the construction nor the opening of the hotel had any effect on the pace or sales prices of any of the homes with or without views of the hotel.

Interview with the Marriott

RealMark Research also interviewed the sales director at the Marriott Hotel and Convention Center. She stated the vast majority of events at the hotel are corporate ones, but the residents of Heron Bay will hold Bar Mitzvahs or an occasional wedding.

Figure 2, an aerial photograph showing the locations of The Falls at Heron Bay and the Marriott Hotel & Convention Center appear in the appendix of this report. Table 3, Home Sales at the Falls of Heron Bay 1996 – 2016, Table 4, Summary of Home Sales at the Falls of Heron Bay 1996 - 2016, and the corresponding bar chart follow Figure 2.

Control Group 3 - Cypress Walk in Tamarac

Cypress Walk is located on the south side of West McNab Road, west of Pine Island Road. It is close to the northwest corner of the Colony West Golf Course and is near the Colony West Clubhouse. There is no hotel in the vicinity at the present time which qualifies this development as an excellent control group

compared with the Falls at Heron Bay (Marriott Hotel) and Golf Villas II (Main Stay Suites-Sleep Inn & Hilton Garden Inn).

- Lennar Homes constructed this attractive 36-unit townhome project in 2006.
- The complex has six, 2-story buildings and a community swimming pool.
- Two thirds of the units are 2-bedroom/2 ½-baths at 1,234 square feet, and the remaining one third are 3-bedroom/2 ½-baths at 1,625 square feet.
- Each unit has a one-car garage.
- Initial offerings by the developer ranged from \$275,000 to \$315,000 for the 2-bedroom units and \$325,000 to \$355,700 for the 3-bedroom units.
- Average Sales prices for all units are presented below.

| <u>Year</u> | <u>Number of Homes Sold</u> | <u>Average Price</u> | <u>% Change in Price/Sq. Ft.</u> |
|-------------|---------------------------------|----------------------|--------------------------------------|
| 2006 | 31 | \$315,439 | - - - - - |
| 2007 | 0 | (None) | (None) |
| 2008 | 4 | \$159,250 | - 49.5% |
| 2009 | 16 | \$111,256 | - 30.1% |
| 2010 | 11 | \$102,645 | - 7.7% |
| 2011 | 5 | \$ 89,200 | - 13.1% |
| 2012 | 0 | (None) | (None) |
| 2013 | 6 | \$133,817 | 50.0% |
| 2014 | 4 | \$138,350 | 3.4% |
| 2015 | 4 | \$160,750 | 16.2% |
| 2016 | 2 | \$135,750 | - 15.6% |

- 31 of the 36 (86%) were sold in the first year of sales, 2006, an excellent absorption pace.
- There were no sales in 2007, and in 2008, the average prices fell considerably from \$315,439 to \$159,250 – almost half of initial offering price.
- This community has experienced the slowest recovery from the effects of the Great Recession. The 2016 average price of \$135,750 is \$179,689, or 57.0% less than the average sales price at initial offering of \$315,439.

- In sum, the economic downturn, recession and slow recovery are clearly shown in the history of this property.

Figure 3, an aerial photograph showing the locations of Cypress Walk and the Colony West Golf Club appear in the appendix of this report. Table 5, Home Sales at Cypress Walk Condominium 2006 – 2016, and the corresponding bar chart follow Figure 3.



Title - TO2349 - Water Supply Plan Comp Plan GOP Amendments

An Ordinance of the City of Tamarac, Florida, amending, the Future Land Use Element, Infrastructure Element, Conservation Element, Intergovernmental Coordination Element, and Capital Improvements Element of the City of Tamarac's Comprehensive Plan consistent with the South Florida Water Management District Water Supply Facilities work plan for the City of Tamarac; authorizing transmittal of the 2016 Ten Year Water Supply Facilities work plan and Comprehensive Plan Amendments to the Department of Economic Opportunity and other agencies as required by Florida Statutes 163.3184(3) providing for inclusion in the Comprehensive Plan; providing for conflict; providing for severability; and, providing for an effective date.

Commission District(s):

Citywide

ATTACHMENTS:

| Description | Upload Date | Type |
|--------------------|--------------------|-------------|
| ▣ Memo | 9/12/2016 | Cover Memo |
| ▣ Ordinance | 9/12/2016 | Ordinance |
| ▣ Exhibit A | 9/12/2016 | Exhibit |
| ▣ Exhibit B | 9/12/2016 | Exhibit |

CITY OF TAMARAC
INTEROFFICE MEMORANDUM (09- 06-008M)
COMMUNITY DEVELOPMENT DEPARTMENT

TO: Michael C. Cernech,
City Manager

DATE: September 14, 2016

FROM: Maxine A. Calloway,
Director of Community
Development

RE: Water Supply Facilities Work
Plan and Text Amendments to
the Future Land Use,
Infrastructure, Conservation,
Intergovernmental Coordination
and Capital Improvements
Elements - Temp Ord No. 2349

Recommendation: The Director of Community Development recommends that the City Commission approve on First Reading, the proposed text amendments to the Future Land Use, Infrastructure, Conservation, Intergovernmental Coordination and Capital Improvements Elements, adopt the Water Supply Facilities Work Plan and authorize staff to transmit the 2016 Ten Year Water Supply Facilities Work Plan and the proposed amendments to the Department of Economic Opportunity at its September 28, 2016 meeting.

Issue: The City of Tamarac is required to adopt amendments to its Comprehensive Plan reflecting necessary changes in the City of Tamarac Water Supply Work Plan (Work Plan).

Background: Pursuant to Florida Statutes, each municipality must update its water supply plan every five years and within 18 months of the adopted update to the water supply plan of its respective Water Management District. In the City's case the applicable District is the South Florida Water Management District which adopted the *Lower East Coast Water Supply Plan Update* (LEC) on September 12, 2013.

The purpose of the City of Tamarac Water Supply Facilities Work Plan (Work Plan) is to identify and plan for the water supply sources and facilities needed to serve existing and new development within the City's jurisdiction. Residents of the City of Tamarac obtain their water from Lower East Coast which is responsible for ensuring enough capacity is available for existing and future customers. The Work Plan will reference the initiatives already identified to ensure adequate water supply for the City of Tamarac. According to state guidelines, the Work Plan and the Comprehensive Plan must address the development of traditional and alternative water supplies, service delivery, and conservation and reuse programs necessary to serve existing and new development for at least a 10-year planning period. The Work Plan will have a planning time schedule consistent with the Comprehensive Plan and the Lower East Coast Water Supply Plan Update.

With the adoption of the Work Plan (dated May 16, 2016) and the water supply related amendments to the Comprehensive Plan the City will be in compliance with state requirements and will be consistent with the above referenced plans. Additionally, the Capital Improvements Program in the Comprehensive Plan is proposed to be updated from Fiscal Years 2007-2011 to 2017-2022.

Comprehensive Plan Text Amendments

Staff is proposing to amend five elements of the Comprehensive Plan in order to satisfy statutory requirements. The proposed revisions and additions are formalities that ensure proper intergovernmental coordination, encourage water conservation and incorporate the Water Supply Facilities Work Plan into the policies of the Comprehensive Plan. The proposed changes are attached as Exhibit “A”.

The proposed major changes/amendments to the existing Objectives and Policies reflect those needed based on the City’s Updated 10-Year Water Supply Facilities Work Plan (dated May 16, 2016) and the revised Capital Improvements Program and include the following:

1. Amending the City of Tamarac Comprehensive Plan to update LOS for Potable Water.
2. Outlining the Water Supply Plan update schedule.
3. Adding additional policies concerning agency coordination and water conservation.
4. Amending references to agency names and adoption dates of the LEC Water Supply Plan and Broward County Water Supply Plan and amendments.
5. Adding an Objective and Policy series to the City’s Comprehensive Plan supporting Broward County, Fort Lauderdale and South Florida Water Management District efforts relating to climate change and sea level initiatives.
6. Updating/Replacing the Capital Improvements Program to reflect Fiscal Years 2017-2022.

The Water Supply Facilities Work Plan

Tamarac’s Water Supply Facilities Work Plan, in keeping with the South Florida Water Management District Lower East Coast Water Supply Plan, reviews water supply in light of current and future demand for all service providers in the City of Tamarac. The plan, prepared by Eckler Engineering and reviewed by the Utilities Department, concludes that “the City of Tamarac Utilities Department will have adequate potable water supply facilities to support projected demands throughout its service area”. The Work Plan reports the same for the other service providers for portions of Tamarac, Broward County Water and Wastewater Services and the City of Fort Lauderdale Water Services. The plan is attached as Exhibit “B”.

Summary: In keeping with statutory requirements, the City of Tamarac and other potable service providers to Tamarac’s residents and businesses have established that adequate potable water facilities exist to meet current and future demand. Staff is recommending that the City Commission formally adopt the South Florida Water Management District Water Supply Facilities Work Plan for the City of Tamarac and associated amendments which incorporate the document into the Comprehensive Plan.

Fiscal Impact: Eckler Engineering was retained by Public Services to complete the update to the South Florida Water Management District Water Supply Facilities Work Plan for the City of Tamarac, at a cost of \$21,600. Additionally, Alex David with Alex David and Associates performed the required updates to the Comprehensive Plan at a cost of \$8,000. Both consultants were paid from the Utilities Fund.

This item supports the City's Strategic Plan, Goal #5 providing for "A Vibrant Community" by ensuring sufficient conservation methods are in place and the provision of adequate level of service for potable water is available for the future growth of the community.



Maxine A. Calloway,
Director of Community Development

ATTACHMENTS: Temporary Ordinance No. 2349
Exhibit 'A' – Future Land Use Element
Infrastructure Element
Conservation Element
Intergovernmental Coordination Element
Capital Improvements Element
Exhibit "B" – 2016-Ten Year Water Supply Facilities Work Plan Update

MAC/alg

CITY OF TAMARAC, FLORIDA

ORDINANCE NO. 2016 - _____

AN ORDINANCE OF THE CITY OF TAMARAC, FLORIDA, AMENDING, THE FUTURE LAND USE ELEMENT, INFRASTRUCTURE ELEMENT, CONSERVATION ELEMENT, INTERGOVERNMENTAL COORDINATION ELEMENT, AND CAPITAL IMPROVEMENTS ELEMENT OF THE CITY OF TAMARAC'S COMPREHENSIVE PLAN CONSISTENT WITH THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT WATER SUPPLY FACILITIES WORK PLAN FOR THE CITY OF TAMARAC; AUTHORIZING TRANSMITTAL OF THE 2016 TEN YEAR WATER SUPPLY FACILITIES WORK PLAN AND COMPREHENSIVE PLAN AMENDMENTS TO THE DEPARTMENT OF ECONOMIC OPPORTUNITY AND OTHER AGENCIES AS REQUIRED BY FLORIDA STATUTES 163.3184(3) PROVIDING FOR INCLUSION IN THE COMPREHENSIVE PLAN; PROVIDING FOR CONFLICT; PROVIDING FOR SEVERABILITY; AND, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Section 163.3177(6)(c)3., F.S. requires local governments to prepare and adopt Work Plans into their comprehensive plans within 18 months after the South Florida Water Management District (SFWMD) approves a regional water supply plan or its update; and

WHEREAS, The Lower East Coast Water Supply Plan Update was approved by the District's Governing Board on September 12, 2013; and

WHEREAS, Section 163.3177(6)(c)3., F.S. requires that every local government that is subject to a regional water supply plan revise its five year schedule of capital improvements to include any water supply, reuse, and conservation projects and programs to be implemented during the five year period; and

WHEREAS, Section 163.3177, F.S. requires that every local government that is subject to a regional water supply plan revise its Conservation Element to the extent necessary to maintain internal consistency; and

WHEREAS, Section 163.3177, F.S. requires that every local government that is subject to a regional water supply plan revise its Intergovernmental Coordination Element to ensure coordination of the comprehensive plan with applicable regional water supply plans and regional water supply authority plans; and

WHEREAS, the City Commission finds it appropriate to amend the text of the Capital Improvements Element of the City of Tamarac Comprehensive Plan for the purpose of internal consistency with the water supply policies being incorporated in other elements of the plan.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSISON OF THE CITY OF TAMARAC, FLORIDA:

SECTION 1: That the foregoing "WHEREAS" clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this Ordinance. All exhibits attached hereto and referenced herein are hereby incorporated by this reference.

SECTION 2: That the City of Tamarac's Comprehensive Plan is hereby amended to incorporate water supply policies consistent with the South Florida Water Management District Water Supply Facilities Work Plan for the City of Tamarac into the Future Land Use Element, Infrastructure Element, Conservation Element,

Intergovernmental Coordination Element, and Capital Improvements Element, as shown in Exhibit "A" attached hereto.

SECTION 3: That the South Florida Water Management District Water Supply Facilities Work Plan for the City of Tamarac, Florida, attached as Exhibit "B" is hereby approved.

SECTION 4: That the Director of Community Development is further authorized and directed to make the necessary textual changes to the City's Comprehensive Plan in order to reflect the above-stated changes.

SECTION 5: All Ordinances or parts of Ordinances, and all Resolutions or parts of Resolutions in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 6: If any provision of this Ordinance or the application thereof to any person or circumstance is held invalid, such invalidity shall not affect other provisions or applications of this Ordinance that 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 7: This Ordinance shall not become effective until after receipt of agency comments and a second public hearing is held.

PASSED, FIRST READING this day of , 2016.

PASSED, SECOND READING this day of , 2016.

HARRY DRESSLER,
MAYOR

ATTEST:

PATRICIA TEUFEL, CMC
CITY CLERK

I HEREBY CERTIFY that I
have approved this
ORDINANCE as to form.

SAMUEL S. GOREN
CITY ATTORNEY

City of Tamarac

Water Supply Plan Related Amendments to the Comprehensive Plan

Goals, Objectives & Policies

**First Reading:
Adoption Hearing:**

Prepared by:
Alex David and Associates, Inc.
20 Island Avenue, #416
Miami Beach, FL 33139

Amendment No. 1

The following lists the amended Objective and Policies which shall be included in the City's adopted Comprehensive Plan to ensure consistency between the elements in the Comprehensive Plan and the City's 2016 10-year Water Supply Facilities Work Plan Update.

The following revisions to this Element are recommended. Recommended additions are denoted by underline; deletions by ~~strike through~~.

I. FUTURE LAND USE ELEMENT

Objective 7

Establish land use regulations which improve quality of air, preserve surface waters, enhance ground waters, and protect identified floodplains and areas subject to seasonal or periodic flooding, while eliminating future flood problems through planned growth.

Policy 7.9 The City's Land Development Regulations and Zoning will coordinate the land uses and future land use changes with the availability of water supplies and water supply facilities.

Objective 15

The City will ensure that its public facilities and services meet those applicable level of service standards established by the City Comprehensive Plan.

Policy 15.1 The following level of service standards are established by the City of Tamarac for each public facility within the municipal boundary.

* * *

3. Potable Water: ~~125~~ 110 gpcd, Tamarac ~~Utilities~~ Public Services
~~134~~ 115 gpcd, Broward County
~~80~~ 179 gpcd, Fort Lauderdale

Amendment No. 2

The following lists the amended Objective and Policies which shall be included in the City's adopted Comprehensive Plan to ensure consistency between the elements in the Comprehensive Plan and the City's 2016 10-year Water Supply Facilities Work Plan Update.

The following revisions to this Element are recommended. Recommended additions are denoted by underline; deletions by ~~striketrough~~.

IV. INFRASTRUCTURE ELEMENT

Objective 1

The City will correct existing facility deficiencies, maintain adequate levels-of-service, and provide for future growth.

Policy 1.2 The City of Tamarac shall use the following LOS standards:

* * *

4. POTABLE WATER

- Western Service Area (Tamarac Water Treatment Plant)
~~407~~ 110 gallons per capita per day.
- Eastern Service Area (Fort Lauderdale Water Treatment Plants)
~~80~~ 179 gallons per capita per day.
- BCU Service Area (Broward County Water Treatment Plants)
~~434~~ 115 gallons per capita per day.

Objective 2

The City of Tamarac will ensure that capacity is available at all shared facilities by coordinating with other local governments and appropriate government agencies.

* * *

Policy 2.2 The City will cooperate and coordinate with Broward County, Fort Lauderdale, and other adjoining municipalities, the South Florida Water Management District, and any other units or agencies of government with planning, management,

maintenance, or monitoring responsibilities for sanitary sewers, solid waste including hazardous waste, potable water, or drainage and in the extension of or increase in capacity of facilities to meet future needs.

- Policy 2.3 The City hereby adopts by reference the City of Tamarac's 2016 10-Year Water Supply Facilities Work Plan (dated May 16, 2016), ~~2008~~, adopted on ~~XXXX XX~~, 2016 and the capital improvement projects contained therein. The Work Plan will be updated, at a minimum, every 5 years, as required by Section 163.3177(6)(c), F.S., within 18 months after the governing board of the South Florida Water Management District approves updates to the Lower East Coast Water Supply Plan. The City's 2016 10-Year Water Supply Facilities Work Plan Update is designed to: assess current and projected potable water demands; evaluate the sources and capacities of available water supplies; and, identify those water supply projects, using all available technologies, necessary to meet the City's water demands for a 10-year period.
- Policy 2.4 The City hereby adopts by reference the Fort Lauderdale Water Supply Facilities Work Plan, ~~2008~~ 2015, and the capital improvement projects contained therein.
- Policy 2.5 The City hereby adopts by reference the Broward County 10-Year Water Supply Facilities Work Plan, ~~2007~~ 2015, and the capital improvement projects contained therein.
- Policy 2.6 The City hereby adopts by reference the South Florida Water Management District's 2013 Lower East Coast Water Supply Plan, 2005-2006 Update.

Objective 4

The City will continue to ensure, through development review at the time of site plan approval, that adequate facility capacity is available, or will be available when needed, to serve development.

- Policy 4.5 Implementation of the City's 2016 10-Year Water Supply Facilities Work Plan through coordination with the South Florida Water Management District, Broward County and Fort Lauderdale shall ensure that adequate water supplies and public facilities are available to serve the water supply demands of any population growth that the City may experience. The City coordinates with Broward County and Fort Lauderdale in development permitting and capacity allocations and through the resources provided by Broward County and Fort Lauderdale.
- Policy 4.6 The City shall coordinate the planning of potable water and sanitary sewer facilities, water supply sources, demands, other services and level-of-service standards through the sharing of data with Broward County and Fort Lauderdale, South Florida Water Management District, and through the 2013 Lower East Coast Water Supply Plan Update, as necessary.

Policy 4.7 If, in the future there are issues associated with water supply, conservation or reuse the City will immediately contact Broward County and Fort Lauderdale to address the corresponding issue(s). In addition, the City will follow adopted communication protocols with Broward County and Fort Lauderdale to communicate and/or prepare an appropriate action plan to address any relevant issue(s) associated with water supply, conservation or reuse.

Objective 5

The City shall take appropriate steps to ensure the conservation and protection of both the quality and quantity of the City's potable water resources for present and future residents of the City through water use conservation, the protection of wells currently in use by the City for residential, commercial, industrial, and emergency purposes, and their cones of influence; and protection and expansion of the natural groundwater recharge area within urban development.

Policy 5.3 The City will continue to monitor its water production and distributive systems to ensure minimum water loss and the maintenance of acceptable ratios of raw water pumped in to water treated and distributed (Utility Leak Detection Program).

* * *

Policy 5.7 The City will support the SFWMD, the 2013 Lower East Coast Water Supply Plan Update, its conservation initiatives, and other relevant jurisdictions' water reuse projects and the implementation of new regulations or programs designed to increase the volume of reclaimed water used.

* * *

Policy 5.9 The City shall continue to support and improve programs that promote water conservation in a cost-effective manner, including Public Information Programs.

Policy 5.10 The City will participate, when warranted, in the SFWMD's Water Savings Incentive Program (WaterSIP) for large-scale retrofits as recommended by the 2013 Lower East Coast Water Supply Plan Update.

Policy 5.11 Adopt, a model landscape code, based on Broward County's "Landscaping for Protection of Water Quality and Quantity" Ordinance.

Policy 5.12 Continue to utilize the Filter Backwash Water Recovery Basin in order to recover potable water during the water treatment process.

Amendment No. 3

The following lists the amended Objective and Policies which shall be included in the City's adopted Comprehensive Plan to ensure consistency between the elements in the Comprehensive Plan and the City's 2016 10-year Water Supply Facilities Work Plan Update.

The following revisions to this Element are recommended. Recommended additions are denoted by underline; deletions by ~~striketrough~~.

V. CONSERVATION ELEMENT

Objective 2

The City will maintain and update (as necessary) its administrative procedures, especially those dealing with water supply and use, to ensure that optimum conservation of the ground water resource is achieved in concert with Broward County, the South Florida Water Management District (SFWMD), and other local government agencies.

Policy 2.5 The City shall consider the adoption of an ordinance, such as the "Landscaping for Protection of Water Quality and Quantity" Ordinance that will encourage water conservation initiatives as recommended by Broward County such as, Naturescape Irrigation, Naturescape Broward and Know the Flow, the SFWMD, the Florida Department of Environmental Protection and the City's Public Services Department to reduce the average daily water consumption in the City.

Amendment No. 4

The following lists the amended Objective and Policies which shall be included in the City's adopted Comprehensive Plan to ensure consistency between the elements in the Comprehensive Plan and the City's 2016 10-year Water Supply Facilities Work Plan Update.

The following revisions to this Element are recommended. Recommended additions are denoted by underline; deletions by ~~strike through~~.

VII. INTERGOVERNMENTAL COORDINATION ELEMENT

Objective 1

The City will continue and improve coordination activities among government agencies with planning and impact assessment duties affecting the City; with other units of local government providing services but not having regulatory authority over the use of land, and with the comprehensive plans of adjacent municipalities, the county, and other appropriate state, regional, and local agencies.

Policy 1.1 The City will continue to work at the staff level with the following agencies: the Broward County School Board (through interlocal agreement); the South Florida Water Management District (SFWMD); the South Florida Regional Planning Council (SFRPC); Broward County and its agencies; the Department of ~~Community Affairs~~ Economic Opportunity (DCA DEO); agencies of the State of Florida and adjacent municipalities.

Policy 1.2 The City will transmit the Comprehensive Plan to all adjoining municipalities, to the Broward County Planning Council (BCPC) as the county certifying agency, to the Broward County School Board, to the South Florida Regional Planning Council (SFRPC), to the South Florida Water Management District (SFWMD), and to the Department of ~~Community Affairs~~ Economic Opportunity (DCA DEO), which is the state's land planning agency, as provided in the State law for review and comment (as amended this language formerly included in Objective 1).

* * *

Policy 1.15 The City will coordinate with the South Florida Water Management District (SFWMD) to ensure that the City's plans, requirements and related actions are consistent with the 2013 Lower East Coast Regional Water Supply Plan Update.

* * *

Policy 1.23 The City shall support agencies which supply potable water to the City in the development of alternative water supply

sources as recommended by the SFWMD in its 2013 Lower East Coast Water Supply Work Plan 2005-2006 Update.

Objective 3

The City will support climate change and sea level rise initiatives.

Monitoring and Evaluation:

- The City shall enact legislation supporting the efforts of Broward County and the SFWMD to evaluate climate change and its impacts.

Policy 3.1 Support Broward County and the SFWMD in any efforts to evaluate the consequences of sea level rise, changing rainfall and storm patterns, temperature effects, and cumulative impacts to existing structures and existing legal uses.

Policy 3.2 Participate in the Southeast Florida Regional Climate Change Compact to support regional planning efforts and initiatives to adapt to rising sea level in the LEC Planning Area.

Policy 3.3 Work collaboratively with the Broward County, Fort Lauderdale and other utilities and the SFWMD to identify the utility wellfields and other users at potential risk of saltwater intrusion within the LEC Planning Area.

Amendment No. 5

The following lists the amended Objective and Policies which shall be included in the City's adopted Comprehensive Plan to ensure consistency between the elements in the Comprehensive Plan and the City's 2016 10-year Water Supply Facilities Work Plan Update.

The following revisions to this Element are recommended. Recommended additions are denoted by underline; deletions by ~~striketrough~~.

VIII. CAPITAL IMPROVEMENTS ELEMENT

Objective 1

The City will use the Capital Improvement Element (CIE) as the means to establish needs and to develop programs for essential public improvements. Funds will be provided for capital improvements as outlined in the other elements of the comprehensive plan. Capital improvements will be directed toward correcting existing deficiencies, maintenance of all existing facilities, and to provide for future growth.

* * *

Policy 1.2 The City of Tamarac shall update its Capital Improvement Element (CIE) on an annual basis after the adoption of the Capital Improvement Program and submit the CIE to the State Planning Agency, ~~DCA~~, (Department of Economic Opportunity) annually as a Comprehensive Plan Amendment.

* * *

Objective 4

Development orders and permits shall be issued only when it is demonstrated by the applicant that the land development proposal conforms with the development requirements of this Comprehensive Plan, with land development regulations, and that sufficient public facilities or service capacity to support such development will exist at the time a building permit is issued for the project.

Policy 4.1 The City of Tamarac shall use the following LOS standards in reviewing impacts of development upon public facilities:

* * *

4. POTABLE WATER

- Western Service Area (Tamarac Water Treatment Plant)

~~407~~ 110 gallons per capita per day.

- Eastern Service Area (Fort Lauderdale Water Treatment Plants)
~~80~~ 179 gallons per capita per day.
- BCU Service Area (Broward County Water Treatment Plants)
~~434~~ 115 gallons per capita per day
* * *

Objective 6

To formally adopt the capital improvement plans/schedules of all governmental agencies which schedule and fund improvements needed to maintain City-adopted level of service standards.

* * *

- Policy 6.3 The City of Tamarac hereby adopts the City of Tamarac's ~~2007-2011~~ 2017-2022 Capital Improvements Program as originally adopted on ~~September 26, 2007~~ September 22, 2016.
- Policy 6.4 The City hereby adopts by reference the Ft. Lauderdale 2015 Water Supply Facilities Work Plan, ~~2008~~.
- Policy 6.5 The City hereby adopts by reference the Broward County 2015 10-Year Water Supply Facilities Work Plan, ~~2007~~.

CITY OF TAMARAC 2017-2022 CAPITAL IMPROVEMENTS PROGRAM

| DEPARTMENT | PROJECT# | FUNDING SOURCE | PRIOR YEAR FUNDING | FY 2017 | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 | TOTAL YEARS 2017-2022 | TOTAL ALL YEARS |
|---|-----------------|---------------------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------------------------|--------------------------------|
| Community Development | | | | | | | | | | | |
| Corridor Walls | | | | | | | | | | | |
| Phase 1 Tamarac Lake South | GP14K | 1 | 1,365,214 | | | | | | | | 1,365,214 |
| Phase 2A Mainlands 7 | GP15G | 1 | 350,000 | | | | | | | | 350,000 |
| Phase 2B Woodlands | GP15I | 1 | 494,932 | 1,249,519 | | | | | | 1,249,519 | 1,744,451 |
| Phase 2B Woodlands | GP15I | 2 | | 425,419 | | | | | | 425,419 | 425,419 |
| Phase 3 Westwood 3, 4 & 7 | GP16B | 1 | 200,000 | 2,200,000 | | | | | | 2,200,000 | 2,400,000 |
| Phase 4 Woodmont-Southgate & Pine Island Road | N/A | 1 | | | | | 210,522 | | | 210,522 | 210,522 |
| Phase 4 Woodmont-Southgate & Pine Island Road | N/A | 3 | | | | | 250,000 | | | 250,000 | 250,000 |
| Phase 5 Mainlands 8, 9, 11 & 12 | N/A | 1 | | | | | | 951,338 | | 951,338 | 951,338 |
| Comprehensive Signage Program | PW16B | 1 | 550,000 | 372,000 | | | | | | 372,000 | 922,000 |
| Neighborhood Signage Program | GP12B | 4 | 335,000 | 260,000 | | | | | | 260,000 | 595,000 |
| Bus Benches (21) | GP17A | 4 | | 52,500 | | | | | | 52,500 | 52,500 |
| Decorative Hardscape | N/A | 1 | | | 1,789,500 | | | | | 1,789,500 | 1,789,500 |
| | | | | | | | | | | | |
| Information Technology | | | | | | | | | | | |
| Security System Improvements | GP15F | 1 | 150,000 | 608,118 | | | | | | 608,118 | 758,118 |
| | | | | | | | | | | | |
| Public Works | | | | | | | | | | | |
| Colony West Club House | PW16E | 5 | 254,215 | 5,000,000 | | | | | | 5,000,000 | 5,254,215 |
| Pine Island Pedestrian Crossing | PW10B | 6 | 168,000 | 382,000 | | | | | | 382,000 | 550,000 |
| Fire Station # 36: University Drive | FR16A | 4 | 551,000 | | | | | | | | 551,000 |
| Fire Station # 36: University Drive | FR16A | 7 | 2,000,000 | 500,000 | | | | | | 500,000 | 2,500,000 |
| Fire Station # 36: University Drive | FR16A | 2 | 1,249,000 | 200,000 | | | | | | 200,000 | 1,449,000 |

| | | | | | | | | | | | |
|--|-------|----|---------|-----------|-----------|-----------|--------|-----------|--------|-----------|-----------|
| Bikeway Path Phase 4 | PW16G | 4 | 40,000 | | 70,000 | | | | | 70,000 | 110,000 |
| Bikeway Path Phase 4 | PW16G | 6 | | | 790,000 | | | | | 790,000 | 790,000 |
| Waters Edge Park | PW17A | 4 | | 2,775,207 | | | | | | 2,775,207 | 2,775,207 |
| Caporella Aquatic Center Main Pool & Spraysground Resurf | PW17B | 8 | | 115,500 | | | | | | 115,500 | 115,500 |
| Caporella Aquatic Center Large Slide Replacement | PW17C | 8 | | 251,750 | | | | | | 251,709 | 251,709 |
| Caporella Aquatic Park Pump Room Replacement | PW17D | 8 | | 390,384 | | | | | | 390,384 | 390,384 |
| Sports Field Sod at Tamarac Park | PW17E | 4 | | 62,160 | | | | | | 62,160 | 62,160 |
| Material Storage Bin - TSC & Rec Center | PW17F | 4 | | 63,000 | | | | | | 63,000 | 63,000 |
| Tamarac Park Playground Project | N/A | 4 | | | 290,350 | | | | | 290,350 | 290,350 |
| Waterview Park | N/A | 4 | | | 88,800 | | | | | 88,800 | 88,800 |
| Tamarac Sports Complex Concession Bldg./Site Improv's | N/A | 4 | | | 1,562,525 | | | | | 1,562,525 | 1,562,525 |
| Bikeways Path Phase 5 | N/A | 4 | | | 75,000 | | | | | 75,000 | 75,000 |
| Bikeways Path Phase 5 | N/A | 6 | | | 400,000 | | | | | 400,000 | 400,000 |
| Tephford Park | N/A | 4 | | | | 146,313 | | | | 146,313 | 146,313 |
| Sabal Palms Parcel | N/A | 4 | | | | 3,733,634 | | | | 3,753,634 | 3,733,634 |
| Swim Central Annex | N/A | 4 | | | | 664,748 | | | | 664,748 | 664,748 |
| Tamarac Village - Park | N/A | 4 | | | | | | 630,489 | | 630,489 | 630,489 |
| Caporella Park Improvements | N/A | 4 | | | | | | 4,423,497 | | 4,423,497 | 4,423,497 |
| | | | | | | | | | | | |
| Public Services - Stormwater | | | | | | | | | | | |
| Citywide Culvert & Headwall Improvements | N/A | 9 | | 800,000 | | 800,000 | | 800,000 | | 2,400,000 | 2,400,000 |
| | | | | | | | | | | | |
| Utilities | | | | | | | | | | | |
| Wastewater Pump Station Renewal | UT16S | 10 | 350,000 | | | 350,000 | | 350,000 | | 700,000 | 1,050,000 |
| WTP Stormwater Improvements | UT16R | 10 | 100,000 | 600,000 | | | | | | 600,000 | 700,000 |
| SCADA Upgr for Water Plant Wells & Wastewater PS | Ut16J | 10 | 100,000 | 850,000 | | | | | | 850,000 | 950,000 |
| Tamarac Lakes South WM Replacement | UT16K | 10 | 159,179 | 1,690,821 | | | | | | 1,690,821 | 1,850,000 |
| WTP Well Upgrade Project | UT16I | 10 | 60,000 | 250,000 | 350,000 | 25,000 | 25,000 | 25,000 | 25,000 | 700,000 | 760,000 |

| | | | | | | | | | | | |
|---|-------|----|----------------|------------------|------------------|------------------|------------------|------------------|----------------|-------------------|-------------------|
| WTP Renewal/Replacement | UT16G | 10 | <u>100,000</u> | <u>100,000</u> | <u>100,000</u> | <u>100,000</u> | <u>125,000</u> | <u>125,000</u> | <u>125,000</u> | <u>675,000</u> | <u>775,000</u> |
| Electrical/Mechanical Pump Station Renewal | UT16F | 10 | <u>125,000</u> | <u>125,000</u> | <u>125,000</u> | <u>125,000</u> | <u>125,000</u> | <u>125,000</u> | <u>125,000</u> | <u>750,000</u> | <u>875,000</u> |
| Irrigation Replacement | UT16H | 10 | <u>75,000</u> | <u>75,000</u> | <u>75,000</u> | <u>75,000</u> | <u>75,000</u> | <u>75,000</u> | <u>75,000</u> | <u>450,000</u> | <u>525,000</u> |
| Tamarac West System Rehabilitation | UT16E | 10 | <u>240,000</u> | <u>240,000</u> | <u>240,000</u> | <u>240,000</u> | <u>240,000</u> | <u>300,000</u> | <u>300,000</u> | <u>1,560,000</u> | <u>1,800,000</u> |
| Water Distribution System Upgrade | UT16L | 10 | <u>500,000</u> | <u>500,000</u> | <u>500,000</u> | <u>500,000</u> | <u>500,000</u> | <u>500,000</u> | <u>500,000</u> | <u>3,000,000</u> | <u>3,500,000</u> |
| WTP-Bldg Envelope Improvements/Stucco | UT17M | 10 | | <u>220,000</u> | | | | | | <u>220,000</u> | <u>220,000</u> |
| Shaker Village Paving Project after Pipe Bursting | UT17N | 10 | | <u>1,000,000</u> | | | | | | <u>1,000,000</u> | <u>1,000,000</u> |
| Replace Greenleaf Filter Media /Sandblast/Paint | UT17A | 10 | | <u>750,000</u> | | | | | | <u>750,000</u> | <u>750,000</u> |
| Install Mixers in Grant's Plaza & Tr 27 Water Tanks | UT17O | 10 | | <u>20,000</u> | <u>200,000</u> | | | | | <u>220,000</u> | <u>220,000</u> |
| Sewer Main Rehabilitation (I & I) | UT17D | 10 | | <u>3,000,000</u> | <u>3,000,000</u> | <u>3,000,000</u> | <u>3,000,000</u> | <u>3,000,000</u> | <u>500,000</u> | <u>15,500,000</u> | <u>15,500,000</u> |
| Rehab Accelerators - Internals | UT16Q | 10 | | | <u>350,000</u> | | | | | <u>350,000</u> | <u>350,000</u> |
| Grants/TAM Sq. WM Replacement | UT18B | 10 | | | <u>450,000</u> | | | | | <u>450,000</u> | <u>450,000</u> |
| Replace Tr 27 pumps with VFD's and New MCC | UT18C | 10 | | | <u>100,000</u> | <u>1,150,000</u> | | | | <u>1,250,000</u> | <u>1,250,000</u> |
| Relocated Backyard Water Mains - Tamarac East | UT17C | 10 | | | <u>100,000</u> | <u>1,050,000</u> | | | | <u>1,150,000</u> | <u>1,150,000</u> |
| Tract 27 Generator & ATS Replacement | UT18D | 10 | | | <u>50,000</u> | <u>450,000</u> | | | | <u>500,000</u> | <u>500,000</u> |
| Water Master Plan Study | N/A | 10 | | | | <u>250,000</u> | | | | <u>250,000</u> | <u>250,000</u> |
| Replace WTP Package Filter Media - Filters 3 & 4 | N/A | 10 | | | | <u>350,000</u> | | | | <u>350,000</u> | <u>350,000</u> |
| Grants Shopping Center Generator Replacement | UT18F | 10 | | | | <u>50,000</u> | <u>450,000</u> | | | <u>500,000</u> | <u>500,000</u> |
| Replace Wastewater Force Main | UT18A | 10 | | | | | <u>500,000</u> | | | <u>500,000</u> | <u>500,000</u> |
| Replace Line Silos and Slaker Systems | N/A | 10 | | | | | <u>75,000</u> | <u>750,000</u> | | <u>825,000</u> | <u>825,000</u> |
| Rate Study | N/A | 10 | | | | | | <u>55,000</u> | | <u>55,000</u> | <u>55,000</u> |

| | | | | | | | | | | | |
|---|------------------------|----|------------------|-------------------|-------------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|
| MIEX @ Pretreatment System | N/A | 10 | | | | | | 500,000 | 5,000,000 | 5,500,000 | 5,500,000 |
| McNab Force Main, 92 nd Ave/Nob Hill Rd. (US03E) | N/A | 10 | | | | | | | 750,000 | 750,000 | 750,000 |
| Wastewater System Master Plan (Study) | N/A | 10 | | | | | | | 300,000 | 300,000 | 300,000 |
| Replace Package Filters 1-2 (Remove 4MG Accelator) | N/A | 10 | | | | | | | 150,000 | 150,000 | 150,000 |
| | | | | | | | | | | | |
| TOTAL ALL CAPITAL IMPROVEMENTS | | | 9,516,549 | 25,128,378 | 10,706,175 | 13,059,695 | 5,575,522 | 12,610,324 | 7,850,000 | 74,930,094 | 84,446,634 |
| | | | | | | | | | | | |
| SUMMARY OF REVENUES | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | 1 | 2,960,146 | 3,821,519 | 1,789,500 | | 210,522 | 951,338 | | 6,772,879 | 9,733,025 |
| | | 5 | 254,215 | 5,000,000 | | | | | | 5,000,000 | 5,254,215 |
| | | 7 | 2,000,000 | 500,000 | | | | | | 500,000 | 2,500,000 |
| | | 3 | | | | | 250,000 | | | 250,000 | 250,000 |
| | | 8 | | 757,634 | | | | | | 757,634 | 757,634 |
| | | 4 | 1,075,000 | 3,820,985 | 2,086,675 | 4,544,695 | | 5,053,986 | | 15,506,341 | 16,582,341 |
| | | 6 | 168,000 | 382,000 | 1,190,000 | | | | | 1,572,000 | 1,740,000 |
| | | 11 | | | | | | | | | 0 |
| | | 12 | | | | | | | | | 0 |
| | | 2 | 1,249,000 | 625,419 | | | | | | 625,419 | 1,874,419 |
| | | 9 | | 800,000 | | 800,000 | | 800,000 | | 2,400,000 | 2,400,000 |
| | | 10 | 1,809,179 | 9,420,821 | 5,640,000 | 7,715,000 | 5,115,000 | 5,805,000 | 7,850,000 | 41,545,821 | 43,355,000 |
| | | | | | | | | | | | |
| SUMMARY BY PROGRAM | | | | | | | | | | | |
| | Community Development | | 3,295,146 | 4,559,438 | 1,789,500 | | 460,522 | 951,338 | | 7,760,798 | 11,055,944 |
| | Information Technology | | 150,000 | 608,118 | | | | | | 608,118 | 758,118 |
| | Public Works | | 4,262,215 | 9,740,001 | 3,276,675 | 4,544,695 | | 5,053,986 | | 22,615,357 | 26,877,572 |
| | Utilities | | 1,809,179 | 9,420,821 | 5,640,000 | 7,715,000 | 5,115,000 | 5,805,000 | 7,850,000 | 41,545,821 | 43,355,000 |
| | | | | | | | | | | | |
| | TOTAL | | 9,516,540 | 25,128,378 | 10,706,175 | 13,059,695 | 5,575,522 | 12,610,324 | 7,850,000 | 74,930,094 | 84,446,634 |

- 1 Corridor Improvement Fund 315
- 2 Public Service Facilities Fund 320
- 3 Developer Contributions
- 4 General Capital Fund 310
- 5 Colony West Golf Course Fund 450
- 6 Grant

| | |
|----|-------------------------------------|
| 7 | <u>Debt Service</u> |
| 8 | <u>Capital Maintenance Fund 303</u> |
| 9 | <u>Stormwater Capital Fund 411</u> |
| 10 | <u>Utilities Capital Fund 441</u> |
| 11 | <u>Fire Rescue Fund 120</u> |
| 12 | <u>Public Arts Fund 146</u> |

Objective 7

The Capital Improvement Element, and the five-year Capital Improvements Schedule and Plan incorporated into the Element by reference, shall be used as the basis for detailing the City's public facility deficiencies and planning corrective capital projects.

Monitoring and Evaluation:

- Update on an annual basis the Capital Improvements Schedule

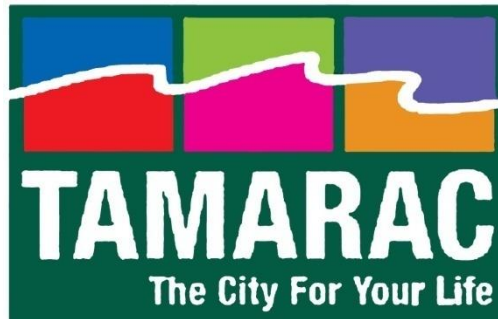
Policy 7.1 Appropriate mechanisms will be developed and adopted with the South Florida Water Management District, Broward County and Fort Lauderdale in order to assure that adequate water supplies are available to all water users. Furthermore, the City will be responsible for monitoring the availability of water supplies for all water users and for implementing a system that links water supplies to the permitting of new development. Prior to approval of a building permit or its functional equivalent, the City shall consult with Broward County and Fort Lauderdale to determine whether adequate water supplies to serve new development will be available no later than the anticipated date of issuance by the City of a certificate of occupancy or its functional equivalent.

Policy 7.2 The City shall provide monthly data to Broward County and Fort Lauderdale, as required by such entity, to track the amount of water to be allocated for new use.

Policy 7.3 The City shall incorporate capital improvements affecting City levels of service by referencing the Capital Improvements Schedules of Broward County and Fort Lauderdale, state agencies, regional water supply authorities and other units of government providing services but not having regulatory authority over the use of land into its 5-Year Schedule of Capital Improvements. The City Capital Improvement Element Schedule shall be maintained and updated and shall demonstrate that level of service standards will be maintained during the next five-year (2016/2017 through 2021/2022) planning period.

(END)

South Florida Water Management District
Water Supply Facilities Work Plan
For The
City of Tamarac
Florida



For information regarding this project contact:

Eckler Engineering, Inc.

4700 Riverside Drive – Suite 110

Coral Springs, FL. 33067

(954) 510-4700

CA No. 7803

Final Submittal

Proj. No. 442-013.00

Date: May 16, 2016

 ECKLER ENGINEERING, INC.

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
WATER SUPPLY FACILITIES WORK PLAN
for the
CITY OF TAMARAC

Prepared By

ECKLER ENGINEERING, INC.
4700 Riverside Drive
Coral Springs, Florida 33067
CA No. 7803

May 16, 2016

442-013.00

Donald A. Eckler, P.E., 18934

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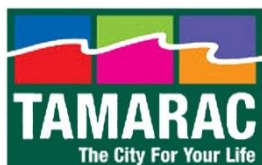


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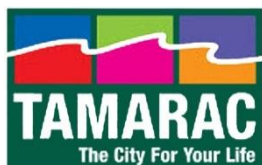
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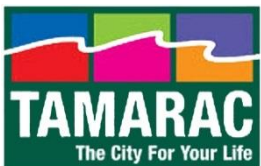
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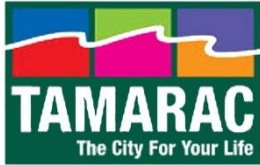
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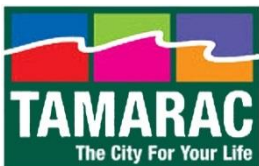
Abbreviations



ABBREVIATIONS

| | |
|-----------|---|
| Avg | Average |
| BCWWS | Broward County Water and Wastewater Services |
| BCWWT | Broward County North Regional Wastewater Treatment Plant |
| CFWI | Central Florida Water Initiative |
| CIE | Capital Improvements Element |
| CIS | Capital Improvements Schedule |
| County | Broward County |
| DWTP | District 1 Water Treatment Plant |
| FLUM | Future Land Use Map |
| F.S. | Florida Statutes |
| GPCD | Gallons per Capita per Day |
| LOS | Level of Service |
| MFL | Minimum Flow Level |
| MGD | Million Gallons per Day |
| MGM | Million Gallons per Month |
| MGY | Million Gallons per Year |
| SAS | Surficial Aquifer System |
| SFWMD | South Florida Water Management District |
| State | State of Florida |
| TCDA | City of Tamarac Community Development Department Demographic Analysis |
| TUE | Tamarac Utility East |
| TUW | Tamarac Utility West |
| Work Plan | City of Tamarac Water Supply Facilities Work Plan |
| WTP | Water Treatment Plant |
| WUP | Water Use Permit |
| WWTP | Wastewater Treatment Plant |

Introduction



SECTION 1 - INTRODUCTION

1.1 PURPOSE

The City of Tamarac is located within the County of Broward and is composed of approximately 11.65 square miles. This area is surrounded by the cities of North Lauderdale, Sunrise, and Coral Springs with the west boundary abutting the Everglades Wildlife Management Area.

Potable water facilities were constructed to obtain, treat, and distribute potable water to the customers of the City. These facilities include raw water supply wells, raw water mains, treatment plants, storage facilities, pumping and metering facilities, distribution mains, and customer meters. The City of Tamarac has adequate facilities in most of these areas to support projected demands for the 10-Year Water Supply planning period. These facilities are adequate to provide water which meets all applicable water quality standards.

The City of Tamarac has three (3) water utilities meeting the needs of the residents. These are:

- ▶ City of Tamarac Utility Department (TUD).
- ▶ Broward County Water and Wastewater Services - District 1(BCWWS).
- ▶ City of Fort Lauderdale Water Services (FTLWS).

The City of Tamarac Utility Department is an enterprise fund within the City of Tamarac municipal government. BCWWS only serves several small portions of the City of Tamarac. The City cannot plan or budget for the infrastructure improvements for BCWWS. In addition, the City of Fort Lauderdale wholesales water to a portion of Tamarac. Again, the City cannot plan or budget for the infrastructure improvements for the City of Fort Lauderdale Water Services.

The Broward County Water and Wastewater Services serves the residents of the City of Tamarac in a small area north of NW 58th Street, south of Bailey Road, east of Rock Island Road, and west of State Road 7. Broward County Water Wastewater Services also serves the commercially zoned areas within the City of Tamarac along Commercial Boulevard between State Road 7 and NW 31st Avenue.

The City of Fort Lauderdale supplies the eastern portion of Tamarac east of NW 31st Avenue within the City limits of Tamarac. The City of Tamarac Utility Department serves the remainder of the City of Tamarac. The City of Tamarac also serves a small development located in the City of North Lauderdale called the Courtyards and is located just east of SW 81st Avenue between McNab Road and Bailey Road. The Courtyards Development contains 288 units split into several buildings.

SECTION 1 - INTRODUCTION

The purpose of the City of Tamarac Water Supply Facilities Work Plan (Work Plan) is to identify and plan for the water supply sources and facilities needed to serve existing and new development within the local government's jurisdiction. Chapter 163, Part II, Florida Statutes (F.S.), requires local governments to prepare and adopt Work Plans into their comprehensive plans within 18 months after the South Florida Water Management District (SFWMD) approves a regional water supply plan or its update. The Lower East Coast Water Supply Plan Update was approved by the District's Governing Board on September 12, 2013.

Residents of the City of Tamarac obtain their water from Lower East Coast which is responsible for ensuring enough capacity is available for existing and future customers. The Work Plan will reference the initiatives already identified to ensure adequate water supply for the City of Tamarac. According to state guidelines, the Work Plan and the comprehensive plan must address the development of traditional and alternative water supplies, service delivery, and conservation and reuse programs necessary to serve existing and new development for at least a 10-year planning period. The Work Plan will have a planning time schedule consistent with the comprehensive plan and the Lower East Coast Water Supply Plan Update.

The Work Plan is divided into five (5) sections:

- ▶ Section 1 – Introduction
- ▶ Section 2 – Background Information
- ▶ Section 3 – Data and Analysis
- ▶ Section 4 – Capital Improvements
- ▶ Section 5 – Goals, Objectives, and Policies

1.2 PHYSICAL LOCATION

Figure 1-1, City of Tamarac Location Map, shows the physical location of the City with respect to the County of Broward and the State of Florida. This map is located at the end of this section.

1.3 EXISTING FACILITIES

1.3.1 City of Tamarac Utility Department

The City of Tamarac Utility Department has a current Water Use Permit (WUP No. 06-00071W) for 7.58 million gallons per day which expires on February 3, 2034. The City of Tamarac has one (1) water treatment plant with a design capacity of 20 million gallons per day. Treatment of the raw water consists of lime softening, filtration, disinfection, storage, fluoridation, and pumping to the distribution system. The water treatment plant currently withdraws water from the Biscayne Aquifer. The water distribution system within the service area is in good condition and well maintained. Appendix 1-A, City of Tamarac Utility Department Water Use Permit, shows the permitted withdrawals and information related to the facilities.

SECTION 1 - INTRODUCTION

1.3.2 Broward County Water and Wastewater Services - District 1

The Broward County Water and Wastewater Services - District 1's Water Use Permit is currently in the process of being renewed. At this time, it is expected that District 1 will receive a permit for 10.043 million gallons per day. District 1 has one (1) water treatment plant with a design capacity of 16 million gallons per day. Treatment of the raw water consists of lime softening, filtration, disinfection, storage, and pumping to the distribution system. The water treatment plant currently withdraws water from the Biscayne Aquifer with future plans to withdraw from the Floridan Aquifer. The current Water Use Permit number is 06-00146-W. The water distribution system within the city limits of Tamarac's service area is in good condition and well maintained. Appendix 1-B, BCWWS Water Use Permit Application, shows the proposed withdrawals and information related to the facilities owned by BCWWS.

1.3.3 City of Fort Lauderdale Water Services

The City of Fort Lauderdale Water Services has a current Water Use Permit (WUP No. 06-00123-W) for 62.2 million gallons per day. This permit will expire on September 11, 2028. The City of Fort Lauderdale Water Services has one (1) water treatment plant with a design capacity of 20 millions gallons per day. Treatment of the raw water consists of aeration, lime softening, filtration, disinfection, storage, and pumping to the City's distribution system. The withdrawal of water is from the Biscayne Aquifer. Their existing facilities are adequate to meet existing demands. Appendix 1-C, City of Fort Lauderdale Water Use Permit, shows the different conditions and information related to the consumptive use of water for the City of Fort Lauderdale.

1.4 STATUTORY INFORMATION

1.4.1 Statutory History

The Florida Legislature enacted bills in the 2002, 2004, 2005, and 2011 sessions to address the state's water supply needs. These bills, in particular Senate Bills 360 and 444 (2005 legislative session), significantly changed Chapters 163 and 373, F.S. by strengthening the statutory links between the regional water supply plans prepared by the water management districts and the comprehensive plans prepared by local governments. In addition, these bills established the basis for improving coordination between local land use planning and water supply planning.

1.4.2 Statutory Requirements

The City of Tamarac has considered the following statutory provisions when updating the Work Plan:

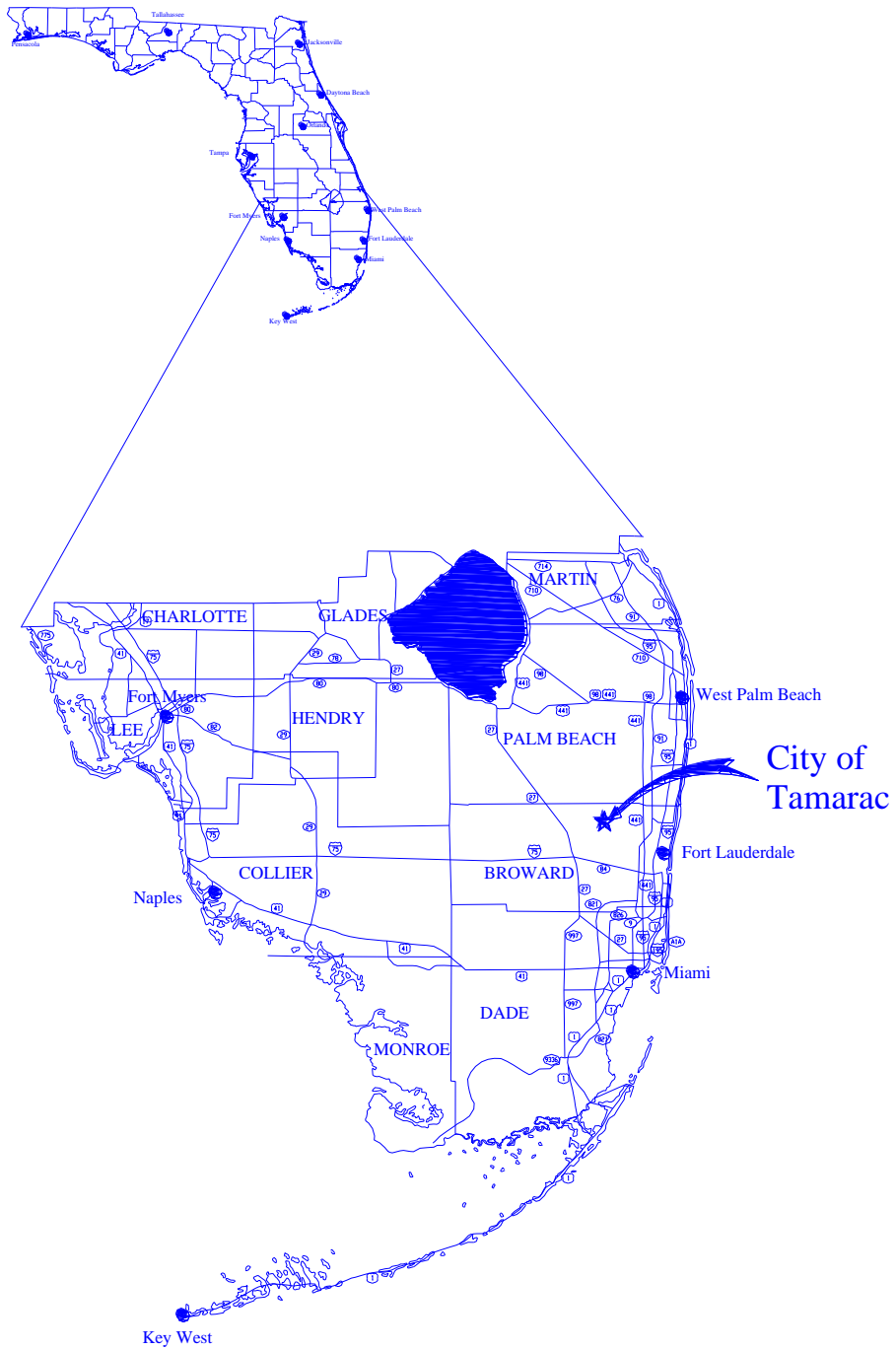
1. Coordinate appropriate aspects of its comprehensive plan with the Lower East Coast Regional Water Supply Plan [163.3177(4) (a), F.S.].

SECTION 1 - INTRODUCTION

2. Ensure the future land use plan is based upon availability of adequate water supplies and public facilities and services [s.163.3177 (6) (a), F.S.]. Data and analysis demonstrating that adequate water supplies and associated public facilities will be available to meet projected growth demands must accompany all proposed Future Land Use Map amendments submitted for review.
3. Ensure that adequate water supplies and potable water facilities are available to serve new development no later than the issuance by the local government of a certificate of occupancy or its functional equivalent and consult with the applicable water supplier to determine whether adequate water supplies will be available to serve the development by the anticipated issuance date of the certificate of occupancy [s.163.3180 (2), F.S.].
4. For local governments subject to a regional water supply plan, revise the General Sanitary Sewer, Solid Waste, Drainage, Potable Water, and Natural Groundwater Aquifer Recharge Element (the "Infrastructure Element"), within 18 months after the water management district approves an updated regional water supply plan, to:
 - a. Identify and incorporate the alternative water supply project(s) selected by the local government from projects identified in the Lower East Coast Regional Water Supply Plan, or alternative project(s) proposed by the local government under s. 373.709(8)(b), F.S. [s. 163.3177(6)(c), F.S.];
 - b. Identify the traditional and alternative water supply projects and the conservation and reuse programs necessary to meet water needs identified in the Lower East Coast Regional Water Supply Plan [s. 163.3177(6)(c)3, F.S.]; and
 - c. Update the Work Plan for at least a 10-year planning period for constructing the public, private, and regional water supply facilities identified in the element as necessary to serve existing and new development [s. 163.3177(6)(c)3, F.S.].
5. Revise the Five-Year Schedule of Capital Improvements to include water supply, reuse, and conservation projects and programs to be implemented during the five-year period [s. 163.3177(3)(a)4, F.S.].
6. To the extent necessary to maintain internal consistency after making changes described in Paragraph 1 through 5 above, revise the Conservation Element to assess projected water needs and sources for at least a 10-year planning period, considering the Lower East Coast Water Supply Plan, as well as applicable consumptive use permit(s) [s.163.3177 (6) (d), F.S.]. The plan must address the water supply sources necessary to meet and achieve the existing and projected water use demand for the established planning period, considering the applicable regional water supply plan [s.163.3167(9), F.S.].
7. To the extent necessary to maintain internal consistency after making changes described in Paragraphs 1 through 5 above, revise the Intergovernmental Coordination Element to ensure coordination of the comprehensive plan with the Lower East Coast Regional Water Supply Plan [s.163.3177 (6) (h) 1., F.S.].

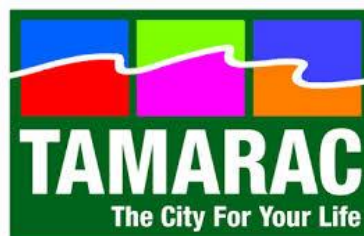
SECTION 1 - INTRODUCTION

8. While an Evaluation and Appraisal Report is not required, local governments are encouraged to comprehensively evaluate, and as necessary, update comprehensive plans to reflect changes in local conditions. The evaluation could address the extent to which the local government has implemented the need to update their Work Plan, including the development of alternative water supplies, and determine whether the identified alternative water supply projects, traditional water supply projects, and conservation and reuse programs are meeting local water use demands [s.163.3191 (3), F.S.].



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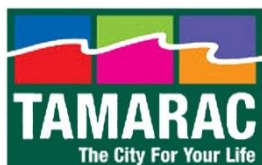
City of
Tamarac



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Figure 1-1
City of Tamarac
Location Map

Background Information



SECTION 2 - BACKGROUND INFORMATION

2.1 BACKGROUND INFORMATION

Included in this section is a brief overview of the existing water usage, population and relevant regional issues in the City of Tamarac.

Existing water usage, population and water usage demand data has been taken from the SFWMD Water Use Permit which was issued on February 3, 2014 as shown in Appendix 1-A. This data is inconsistent with the Lower East Coast Water Supply Plan as shown in Appendix 2-A, City of Tamarac 2013 LEC Water Supply Plan Update. Both sets of existing data are compared in the table below. For the purposes of this Water Supply Facilities Work Plan data will be taken from the Water Use Permit.

Table 2-1, Data Comparison for the City of Tamarac, shows the per capita use rate and population projections from the Lower East Coast Water Supply Plan and the City's Water Use Permit.

**Table 2-1
Data Comparison for the
City of Tamarac**

| <i>Year</i> | <i>Lower East Coast Water Supply Plan</i> | | <i>Water Use Permit</i> | |
|--------------------|--|--------------------------|--------------------------------|--------------------------|
| | <i>Per Capita</i> | <i>Population</i> | <i>Per Capita</i> | <i>Population</i> |
| 2010 | 105 | 56,064 | 110 | 56,884 |
| 2020 | | 58,760 | | 63,741 |

In addition to the per capita use described above, Table 2-2 summarizes the current and projected per capita water use for the City of Fort Lauderdale and for the Broward County Water and Wastewater Services - District 1. The anticipated per capita flow for the City of Fort Lauderdale and BCWWS are 179 gpcd and 115 gpcd, respectively, for the next twenty years.

SECTION 2 - BACKGROUND INFORMATION

Table 2-2
Current and Future Water Use Per Capita

| Year | City of Fort Lauderdale | | BCWWS - District 1 | |
|-------------|--------------------------------|-------------------|---------------------------|-------------------|
| | Per Capita | Population | Per Capita | Population |
| 2015 | 179 | 228,546 | 115 | 75,546 |
| 2025 | | 251,758 | | 77,950 |
| 2035 | | 267,196 | | 84,116 |

The population projections in Section 2 and Section 3 (as shown in the SFWMD Water Use Permit) are based on the City of Tamarac Utility Service Area since the water withdrawals for the utility service area were approved, along with the herein specified population projections. Population projections for the City of Tamarac and the City of Tamarac Utility Service Area are discussed in Section 3, Data and Analysis.

The City boundaries are shown in Figure 2-1, Aerial Photograph of the City of Tamarac. This figure is located at the end of this section. This figure shows the limits of the area from which population projections are analyzed. Some sub areas within these boundaries are served by the City of Tamarac and others areas are served by other utility companies.

SECTION 2 - BACKGROUND INFORMATION

2.2 POPULATION AND WATER USAGE

Historical per capita water demands are important for the projection of future potable water requirements. Over the past five (5) years, the City of Tamarac Utility Service Area has continued to experience a growth rate. Using historical population data from the approved Water Use Permit will help determine projected population growth and water demand. See Table 2-2, Historical Population for the City of Tamarac Utility Service Area, which presents five (5) years of population data for the City of Tamarac Utility Service Area.

Table 2-2
Historical Population for the
City of Tamarac Utility Service Area

| <i>Year</i> | <i>Population</i> |
|-------------|-------------------|
| 2005 | 55,916 |
| 2009 | 56,400 |
| 2010 | 56,884 |
| 2011 | 57,570 |
| 2012 | 58,255 |

Historical data presented in the City's Water Use Permit points to a per capita usage of 110 gpcd.

2.3 RELEVANT REGIONAL ISSUES

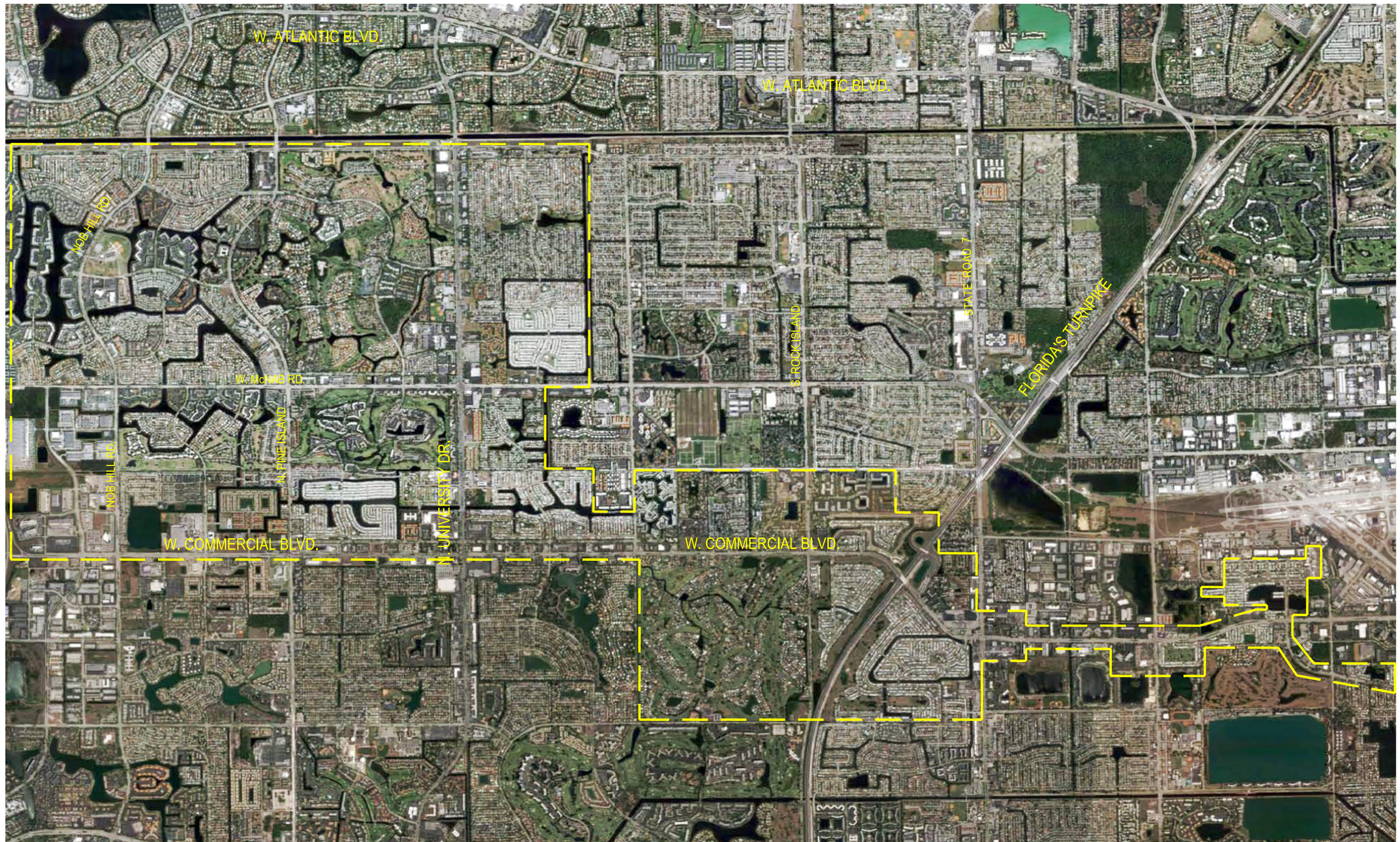
Regional issues that affect the City of Tamarac include minimizing the pressure placed on the Everglades ecosystem and decreasing withdraws from the Biscayne Aquifer. Precautions have been made to address both of these issues such as the City placing into effect permanent water restrictions and water conservation campaigns.

Broward County is also focusing on a wider range of issues as they tackle topics that include:

1. Climate Impact.
2. Everglades and Lake Okeechobee Minimum Flows and Levels (MFLs).
3. Surficial Aquifer System and Limited Water Availability.
4. Ocean Outfall Program and Reclaimed Water Options.

SECTION 2 - BACKGROUND INFORMATION

Climate impact proves to be the biggest concern as it is predicted to effect sea level rise, saltwater intrusion, extreme weather events, and infrastructure development. These factors have a huge effect on the Broward County territory and beyond. Greater detail of these issues can be seen in the Broward County 10-Year Water Supply Facilities Work Plan.



Legend:

--- City of Tamarac Limits

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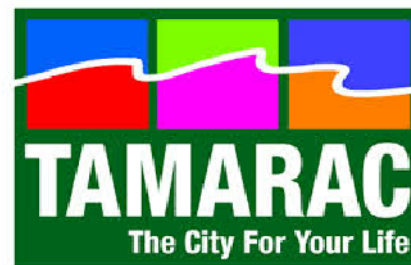
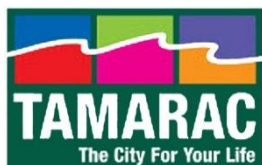


Figure 2-1
Aerial Photograph
of The City of Tamarac

Data Analysis



SECTION 3 - DATA AND ANALYSIS

3.1 DATA AND ANALYSIS

The intent of the data and analysis section of the Work Plan is to describe information that local governments need to provide to state planning and regulatory agencies as part of their proposed comprehensive plan amendments, particularly those changing the Future Land Use Map (FLUM) to increase density and intensity. Additionally, population projections should be reviewed for constancy between the County and South Florida Water Management District's Water Supply Plans.

Within this section, population projections as well as level of service (LOS), raw water projections, and finished water projections will be discussed. This data analysis will be performed not only for the City of Tamarac Utility Service Area, but also for the City of Fort Lauderdale and Broward County Water and Wastewater Services District 1 which supply potable/finished water to different areas within the City of Tamarac boundaries.

3.2 POPULATION INFORMATION

The City of Tamarac Utility Service Area existing and future population figures are shown in Table 3-1, Population Projection for the City of Tamarac Utility Service Area. These population figures are based on information provided by the City of Tamarac's Water Use Permit. This permit contains information about population projections which predicts that between the years of 2010 to 2020, the City of Tamarac Utility Service Area will have a population increase of 6,857 residents and between the years 2020 to 2033, a population increase of 5,188. This is a total increase of 12,045 residents in a period of 23 years. Using the provided values, a linear progression model was formed to project a population for the years without values.

Table 3-1
Population Projections for the City of Tamarac Utility Service Area

| Year | Population of Tamarac Utility Service Area |
|-------------|---|
| 2010 | 56,884 |
| 2015 | 60,312 |
| 2020 | 63,741 |
| 2033 | 68,929 |

Appendix 3-A, Population, Raw Water, and Finished Water Projections, contains a more detailed computation of the projections prepared based on information provided in the City's Water Use Permit. The information contained in this Appendix will be used throughout this section.

SECTION 3 - DATA AND ANALYSIS

Figure 3-1, City of Tamarac Utility Service Area Site Map, shows the areas where the data and analysis is located to evaluate the population within the City of Tamarac Utility Service Area. This figure is located at the end of this section.

3.3 POPULATION AND FINISHED WATER DEMAND PROJECTIONS BY CITY UTILITY SERVICE AREA

As seen in Table 3-2, City of Tamarac Population Projections, the population of the City of Tamarac is the sum of the populations of Tamarac Utility Service Area, the area within Tamarac that the City of Fort Lauderdale serves, and BCWWS District 1 (area of Lakes of Carriage Hills), minus a small area within North Lauderdale called the Courtyards which is served by the City of Tamarac Utilities. The courtyards is effectively built out, therefore, no population increase is expected.

Table 3-2
City of Tamarac Population Projections

| Year | Population in BCWWS District 1 | Population in Fort Lauderdale | Population of City of Tamarac Service Area | Population in N.L. Courtyards | Population in City of Tamarac |
|------|--------------------------------|-------------------------------|--|-------------------------------|-------------------------------|
| 2008 | | | 55,916 | 432 | |
| 2009 | | | 56,400 | 432 | |
| 2010 | 2,100 | 1,497 | 56,884 | 432 | 60,049 |
| 2011 | 2,114 | 1,628 | 57,570 | 432 | 60,880 |
| 2012 | 2,129 | 1,759 | 58,255 | 432 | 61,711 |
| 2013 | 2,143 | 1,890 | 58,941 | 432 | 62,542 |
| 2014 | 2,158 | 2,021 | 59,627 | 432 | 63,374 |
| 2015 | 2,172 | 2,152 | 60,132 | 432 | 64,024 |
| 2016 | 2,179 | 2,154 | 60,998 | 432 | 64,899 |
| 2017 | 2,186 | 2,156 | 61,684 | 432 | 65,594 |
| 2018 | 2,194 | 2,158 | 62,369 | 432 | 66,289 |
| 2019 | 2,201 | 2,160 | 63,055 | 432 | 66,984 |
| 2020 | 2,208 | 2,162 | 63,741 | 432 | 67,679 |

SECTION 3 - DATA AND ANALYSIS

| Year | Population in BCWWS District 1 | Population in Fort Lauderdale | Population of City of Tamarac Service Area | Population in N.L. Courtyards | Population in City of Tamarac |
|------|--------------------------------|-------------------------------|--|-------------------------------|-------------------------------|
| 2021 | 2,228 | 2,157 | 64,140 | 432 | 68,093 |
| 2022 | 2,247 | 2,152 | 64,539 | 432 | 68,506 |
| 2023 | 2,267 | 2,147 | 64,938 | 432 | 68,920 |
| 2024 | 2,286 | 2,142 | 65,337 | 432 | 69,334 |
| 2025 | 2,306 | 2,137 | 65,736 | 432 | 69,747 |
| 2026 | 2,316 | 2,145 | 66,135 | 432 | 70,165 |
| 2027 | 2,326 | 2,154 | 66,535 | 432 | 70,582 |
| 2028 | 2,336 | 2,162 | 66,934 | 432 | 71,000 |
| 2029 | 2,346 | 2,171 | 67,333 | 432 | 71,417 |
| 2030 | 2,356 | 2,179 | 67,732 | 432 | 71,835 |
| 2031 | 2,381 | 2,181 | 68,131 | 432 | 72,261 |
| 2032 | 2,407 | 2,183 | 68,530 | 432 | 72,687 |
| 2033 | 2,432 | 2,184 | 68,929 | 432 | 73,114 |

- ▶ Cells in green color are population projections obtained from Utility Service Area - City of Tamarac Water Use Permit (issued on February 3, 2014).
- ▶ Cells in red color are population projects for BCWWS Area - District 1 obtained from the Broward County Water Facilities Work Plan (Appendix A, dated November 20, 2014).
- ▶ Cells in blue color are population projects for the City of Fort Lauderdale Servicing Tamarac obtained from the Broward County Water Facilities Work Plan (Working Draft, dated November 10, 2014).
- ▶ Cells in purple color are population projections for the City of Tamarac within the City's boundaries.

The population estimates and projections of the finished water demand are presented in Table 3-3, Finish and Raw Water Projection Demands within Utility Service Area. The projections are through the year 2033. The population projections are consistent with the other elements of the comprehensive plan. The water demands are for finished water. A more detailed computation of finished and raw water projections are shown in Appendix 3-A, Population, Raw Water, and Finished Water Projections.

SECTION 3 - DATA AND ANALYSIS

Table 3-3

Finished and Raw Water Projected Demands Within Utility Service Area

| Information | | Finished Water | | | Raw Water Source | | | | SAS Raw Water |
|---------------|------------|-------------------------------|-------------------|---------------------|-------------------------------|-------------------|---------------------|---|---|
| Planning Year | Population | Level of Service = 102.0 GPCD | | | Level of Service = 110.3 GPCD | | | Treatment Capacity = 16 MGD | Avg Day Allocation = 7.58 MGD |
| | | Max/ Avg Day Ratio = 1.07 | | | Max/ Avg Day Ratio = 1.08 | | | | |
| | | Average Day (MGD) | Maximum Day (MGD) | Average Month (MGM) | Average Day (MGD) | Maximum Day (MGD) | Average Month (MGM) | Treatment Surplus/ Deficit ¹ (MGD) | Avg Day Surplus/ Deficit ^{2,3} (MGD) |
| | | | | | | | | | |
| 2015 | 60,132 | 6.13 | 6.74 | 186 | 6.62 | 7.18 | 201 | 9.39 | 0.97 |
| | | | | | | | | | |
| 2020 | 63,741 | 6.50 | 7.15 | 198 | 7.01 | 7.61 | 213 | 8.99 | 0.57 |
| | | | | | | | | | |
| 2025 | 65,736 | 6.70 | 7.37 | 204 | 7.23 | 7.85 | 220 | 8.77 | 0.35 |
| | | | | | | | | | |
| 2030 | 67,732 | 6.91 | 7.59 | 210 | 7.45 | 8.08 | 227 | 8.55 | 0.13 |
| | | | | | | | | | |
| 2033 | 68,929 | 7.03 | 7.72 | 214 | 7.58 | 8.23 | 231 | 8.42 | 0.00 |

Notes:

1. Treatment Capacity minus Maximum Day Raw Water
2. Raw Water Average Day Allocation minus Average Day Demand
3. Parentheses indicate a deficit.

SECTION 3 - DATA AND ANALYSIS

3.4 WATER SUPPLY PROVIDED BY LOCAL GOVERNMENT

Public water supply Water Use Permit 06-00071-W was originally issued to the City of Tamarac on June 10, 1976 for 18.7 MGD and 3,831 million gallons per year (MGY) to supply water to all of Tamarac and parts of Fort Lauderdale. The permit was renewed in 1986 for 6.9 MGD to serve the City of Tamarac only and was modified in 1989 for the eastern service area of Tamarac to be served by Fort Lauderdale. The permit was renewed every five (5) years thereafter and, in 2004, Tamarac was issued a 20-year Water Use Permit for 2,754 MGY (7.5 MGD) until February 2009, reducing to 2,625 MGY (7.2 MGD) for the remainder of the permit duration. The permit was modified on February 3, 2014 to supply 7.58 MGD and 2,767 MGY. The permit shall expire on February 3, 2034; however, an additional modification will need to be submitted prior to this date. This modification will be necessary to plan for the next 30 years of water supply as population within the Utility Service Area will continue to increase and, therefore, the demand for water will continue to rise as well.

For utility purposes only, the City of Tamarac is divided into two (2) separate and distinct water and sanitary districts. These districts include:

- a. Tamarac Utilities East (PWS4061593) (TUE): This area is the oldest section of the City that lies east of US 441. Both water and sanitary services for this area are provided by the City of Fort Lauderdale through Large User Agreements with the City of Tamarac. This Utility System services approximately two thousand (1,990) customers, which are predominately residential.
- b. Tamarac Utilities West (PWS4061429) (TUW): This area provides water and sanitary services to all of the City of Tamarac West of US 441 except for the Sabal Palm community and Lakes of Carriage Hills, both being served by Broward County. The City of Tamarac has the following responsibilities in this area:
 - ▶ The City operates and maintains water wells, water treatment facilities, and water mains to provide service to TUW.
 - ▶ The City operates and maintains sanitary collection sewer, sewage pump stations, and sewage force mains in TUW. All sewage collected in TUW is pumped to Broward County for treatment and ultimate disposal.
 - ▶ The utility systems serve roughly 19,000 connections.

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3.4.1 Existing Withdrawal Facilities

The utility pumps groundwater from the Biscayne Aquifer via nineteen (19) existing withdrawal facilities. These facilities include: eighteen (18) primary wells and one (1) standby well. TUW operates one (1) water treatment plant with sixteen (16) dedicated raw water supply wells and three (3) remote well sites that pump raw water to the water treatment plant.

The Tamarac wellfield operates six (6) wells at a time for a week and then switches to another six (6) wells the following week. Each rotation pumps six (6) wells that are scattered at different locations across the wellfield. The typical rotations are: Rotation #1 pumps wells 2, 4, 7, 11, 13, and 19; Rotation #2 pumps wells 3, 5, 9, 10, 14, and 17; Rotation #3 pumps wells 6, 8, 12, 15, 16, and 18. Well 1 is kept as a standby well. Detailed accounts of the wells can be seen in Tables 3-4, 3-5, and 3-6, Description of Wells. Figure 3-2, City of Tamarac Well Locations, shows an aerial view of the well locations within the City of Tamarac's service area. This figure is located at the end of this section.

Tables 3-4, 3-5, and 3-6, Description of Wells, contain all the information pertaining to the nineteen (19) wells the City of Tamarac operates to supply finished water to the Utility Service Area and to Lakes of Carriage Hills.

The withdrawal source for the City of Tamarac is the Biscayne Aquifer. The Biscayne Aquifer is a minimum flow level (MFL) water body covered under a prevention strategy set forth in Chapter 40E-8, Florida Administrative Code. The Biscayne Aquifer MFL is defined as the water level, which results in movement of saltwater and land water to the extent the water quality of an established withdrawal point is insufficient to serve as a water supply source.

3.4.2 Existing Water Treatment Plant and Water Storage Facilities

There are several finished water storage facilities located throughout the distribution system, including one 1.0 MG and one 2.0 MG storage tank at the water treatment plant, one 1.0 MG storage tank located at Grant's Plaza, and one 2.0 MG located at TR 27 provide a combined total storage capacity of 6.0 MG. The main water treatment process consists of initial lime softening, sand filtration, and chemical feed systems for lime, polymer, chloride, and fluoride treatments. The Tamarac water treatment plant has a capacity of 16 MGD. The treatment system efficiency losses average 6.04%. Tamarac maintains eleven (11) active interconnections with Broward County, City of Fort Lauderdale, City of North Lauderdale, and the City of Coral Springs.

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Table 3-4
Description of Wells (A)

| Well No. | 29559 | 29560 | 29561 | 29562 | 29563 | 29564 | 29565 |
|------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Name | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Map Designation | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Existing (E) or Proposed (P) | E | E | E | E | E | E | E |
| Well Diameter (Inches) | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Total Depth (feet) | 126 | 112 | 115 | 110 | 117 | 109 | 125 |
| Cased Depth (feet) | 112 | 101 | 109 | 101 | 102 | 102 | 111 |
| Facility Elev. (ft. NGVD) | | | | | | | |
| Screened Interval | | | | | | | |
| From | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| To | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pumped or Flowing | P | P | P | P | P | P | P |
| Pump Type | Turbine | Turbine | Submersible | Turbine | Turbine | Turbine | Turbine |
| Pump Int. Elev. | | | | | | | |
| Feet (BLS) | 92 | 60 | 60 | 60 | 60 | 60 | 60 |
| Pump Capacity (GPM) | 400 | 800 | 800 | 800 | 800 | 800 | 800 |
| Year Drilled | 1969 | 1969 | 1970 | 1971 | 1971 | 1971 | 1973 |
| Planar Location | | | | | | | |
| Source | Migrate | Migrate | Migrate | Migrate | Migrate | Migrate | Migrate |
| Feet East | 900970 | 900120 | 900580 | 899310 | 898470 | 897750 | 900925 |
| Feet North | 679050 | 679080 | 679050 | 679240 | 679210 | 679200 | 679230 |
| Accounting Method | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter |
| Use Status | Standby | Primary | Primary | Primary | Primary | Primary | Primary |
| Water Use Type | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply |
| Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer |

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Table 3-5
Description of Wells (B)

| Well ID | 29566 | 29567 | 29568 | 29569 | 29570 | 29571 | 29572 |
|-------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Name | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Map Designation | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Existing (E) or Proposed (P) | E | E | E | E | E | E | E |
| Well Diameter (Inches) | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Total Depth (feet) | 123 | 115 | 120 | 120 | 110 | 110 | 160 |
| Cased Depth (feet) | 105 | 108 | 102 | 102 | 100 | 100 | 105 |
| Facility Elev. (ft. NGVD) | | | | | | | |
| Screened Interval | | | | | | | |
| From | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| To | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pumped or Flowing | P | P | P | P | P | P | P |
| Pump Type | Turbine | Turbine | Turbine | Turbine | Turbine | Turbine | Turbine |
| Pump Int. Elev. | | | | | | | |
| Feet (BLS) | 60 | 60 | 42 | 42 | 62 | 42 | 85 |
| Pump Capacity (GPM) | 800 | 800 | 750 | 750 | 750 | 750 | 830 |
| Year Drilled | 1973 | 1973 | 1983 | 1983 | 1986 | 1986 | 1992 |
| Planar Location | | | | | | | |
| Source | Migrate | Migrate | Migrate | Migrate | Migrate | Migrate | Migrate |
| Feet East | 900450 | 900120 | 902220 | 902240 | 902220 | 902230 | 902095 |
| Feet North | 679040 | 679230 | 678550 | 678550 | 679240 | 679440 | 679460 |
| Accounting Method | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter |
| Use Status | Primary | Primary | Primary | Primary | Primary | Primary | Primary |
| Water Use Type | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply |
| Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer |

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**Table 3-6
Description of Wells (C)**

| Well ID | 29573 | 29574 | 29575 | 153122 | 29576 |
|-------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Name | 15 | 16 | 17 | 18 | 19 |
| Map Designation | 15 | 16 | 17 | 18 | 19 |
| Existing (E) or Proposed (P) | E | E | E | E | E |
| Well Diameter (Inches) | 12 | 12 | 12 | 12 | 12 |
| Total Depth (feet) | 160 | 125 | 125 | 180 | 180 |
| Cased Depth (feet) | 105 | 105 | 97 | 105 | 105 |
| Facility Elev. (ft. NGVD) | | | | | |
| Screened Interval | | | | | |
| From | 0 | 0 | 0 | 0 | 0 |
| To | 0 | 0 | 0 | 0 | 0 |
| Pumped or Flowing | P | P | P | P | P |
| Pump Type | Turbine | Turbine | Turbine | Turbine | Turbine |
| Pump Int. Elev. | | | | | |
| Feet (BLS) | 85 | 90 | 90 | 100 | 100 |
| Pump Capacity (GPM) | 830 | 830 | 830 | 830 | 830 |
| Year Drilled | 1992 | 1992 | 1992 | 1996 | 1996 |
| Planar Location | | | | | |
| Source | Migrate | Migrate | Migrate | Migrate | Migrate |
| Feet East | 901870 | 902054 | 902030 | 901260 | 901270 |
| Feet North | 679500 | 679780 | 680060 | 678680 | 678530 |
| Accounting Method | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter |
| Use Status | Primary | Primary | Primary | Primary | Primary |
| Water Use Type | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply |
| Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer |

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3.5 WATER SUPPLY PROVIDED BY OTHER ENTITIES

In addition to its own facilities, the City of Tamarac receives water service from both Broward County and the City of Fort Lauderdale. This section is dedicated to these two (2) facilities. The various regions of service can be seen in Figure 3-1, City of Tamarac Utility Service Area Site Map. This figure is located at the end of this section. The following information was provided by the 2014 Broward County Water Supply Facility Work Plan.

3.5.1 Broward County Water and Wastewater Services: District 1

BCWWS District 1 provides finished water to the City of Tamarac as it supplies a small portion of the water while also treating all the wastewater produced. Along with the City of Tamarac, BCWWS District 1 Service Area services all of Lauderdale Lakes as well as portions of the cities of Fort Lauderdale, Lauderhill, North Lauderdale, Oakland Park, Plantation, and Pompano Beach. BCWWS District 1 is supplied by the Broward County Water and Wastewater Services (BCWWS) District 1 Wellfield which draws raw water from the Surficial Aquifer System (SAS). Raw water is treated at the BCWWS District 1 Water Treatment Plant (DWTP) prior to distribution to retail customers under the operating permit number 06-58-00009.

Table 3-7, BCWWS District 1 Service Area Populations, shows the projected populations for the area east of NW 31st Avenue within the City of Tamarac's boundary being served by BCWWS District 1. The information herein was obtained from the Broward County Water Supply Facility Work Plan - Appendix A, dated November 11, 2014.

Table 3-7
BCWWS - District 1 Service Area Populations

| Municipalities Served | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | 2040 |
|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Fort Lauderdale | 7,022 | 7,099 | 7,457 | 7,950 | 8,047 | 8,017 | 8,012 |
| Lauderdale Lakes | 31,346 | 31,944 | 32,133 | 31,924 | 34,030 | 34,583 | 34,728 |
| Lauderhill | 8,421 | 8,319 | 8,276 | 8,167 | 10,192 | 10,796 | 11,463 |
| North Lauderdale | 6,454 | 6,482 | 6,407 | 7,718 | 8,035 | 8,193 | 8,263 |
| Oakland Park | 12,102 | 12,079 | 12,166 | 12,139 | 12,581 | 12,645 | 12,674 |
| Plantation | 597 | 602 | 601 | 616 | 630 | 625 | 622 |
| Pompano Beach | 453 | 468 | 508 | 523 | 569 | 577 | 594 |
| Tamarac | 2,100 | 2,172 | 2,208 | 2,306 | 2,356 | 2,483 | 2,590 |

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| Municipalities Served | 2010 | 2015 | 2020 | 2025 | 2030 | 2035 | 2040 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|
| Unincorporated | 6,921 | 6,923 | 6,918 | 7,640 | 7,801 | 7,783 | 7,727 |

Figure 3-3, BCWWS Retail Water Service Areas, 2014, shows the different Districts BCWWS operates within Broward County. This figure is located at the end of this section.

3.5.1.1 Existing withdrawal Facilities for District 1

The wellfield is located in the area surrounding the DWTP and is comprised of nine (9) wells, all of which are currently in service. The total design capacity of the wellfield is approximately 23.5 MGD. The total firm capacity of the wellfield is approximately 19.6 MGD, with the largest well out of service. Pursuant to the SFWMD Water Use Permit (WUP), No. 06-00146-W issued in April 2008 for a 20-year permit duration, the maximum month and average annual daily withdrawals from the BCWWS District 1 Surficial Aquifer System (SAS) wellfield are 280 MG per month (MGM) and 9.2 MGD, respectively. Two (2) alternative water supply upper Floridian Aquifer wells are under construction to provide raw brackish water for membrane treatment by 2020. The current SFWMD WUP allows for a maximum monthly withdrawal from the upper Floridian Aquifer of 181 MGM with an associated average daily withdrawal of 4.7 MGD. Based on the water use projections, BCWWS District 1 will need the pending transfer of SAS allocation from Plantation (0.5 MGD for Broadview Park) and Fort Lauderdale (0.3 MGD of North Andrews Gardens) to District 1. Alternatively, the AWS provided by the Floridian Aquifer will be needed by 2020.

3.5.1.2 Existing Water Treatment Plant and Water Storage Facilities for District 1

The DWTP was expanded in 1994 to treat 16.0 MGD (firm capacity 15.3 MGD) and uses up-flow clarifiers and multimedia filtration to provide lime softening of the raw water supply. Per BCWWS's 2012 Annual Report, the plant is in very good condition and all equipment was operating in a satisfactory manner. The projected year 2015 maximum day is 11.4 MGD, or 71% of plant capacity. Figure 3-3 shows the location of the BCWWS District 1 service area. The DWTP has storage tanks and 12-inch finished water distribution pipe and larger within the BCWWS District 1 Service Area.

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3.5.2 City of Fort Lauderdale

The municipal utility owned and operated by the City of Fort Lauderdale provided service to approximately 250,000 customers in 2013. The utility's service area, shown in Figure 3-4, City of Fort Lauderdale Service Area, encompasses a total area of 43 square miles. Figure 3-4 is located at the end of this section. Other retail customers include residential, commercial, and industrial properties within the City of Fort Lauderdale, Lazy Lake, and a portion of Lauderdale-by-the-Sea. The utility also maintains wholesale agreements for potable water supply with the cities of Oakland Park, Wilton Manors, Tamarac (east of 34th Avenue), and the Town of Davie and Port Everglades. Emergency potable water interconnections are maintained with the cities of Dania Beach, Pompano Beach, and Plantation, and BCWWS service area.

The City of Fort Lauderdale provides finished water services to certain areas in different cities within Broward county. These cities are Davie, Lauderdale Lakes, Lauderhill, Lazy Lake, North Lauderdale, Oakland Park, Tamarac, and Wilton Manors. Table 3-8, City of Fort Lauderdale Population Projections, shows information as provided by the 2009 City of Fort Lauderdale Water Supply Plan and as provided in the Broward County Water Supply Facilities Work Plan working draft dated November 11, 2014. Appendix 3-B, City of Fort Lauderdale Population Projections 2010-2035, shows all the population projections in areas within cities Fort Lauderdale currently services.

Table 3-8
City of Fort Lauderdale Population Projections

| City/Area | 2005 ¹ | 2010 ² | 2015 ² | 2020 ² | 2025 ² | 2030 ² | 2035 ² |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Davie ³ | 2,400 | 525 | 528 | 530 | 527 | 534 | 585 |
| Lauderdale Lakes | - | 374 | 381 | 383 | 378 | 386 | 386 |
| Lauderhill | - | 2,923 | 2,890 | 2,881 | 2,840 | 2,937 | 2,969 |
| Lazy Lake ⁴ | - | 25 | 26 | 26 | 26 | 26 | 26 |
| North Lauderdale | - | 345 | 349 | 352 | 1,060 | 1,291 | 1,403 |
| Oakland Park | 26,492 | 26,321 | 27,122 | 28,097 | 28,682 | 29,818 | 30,176 |
| Oakland Forest Subdivision (within Oakland Park) ⁵ | 3,371 | 3,530 | 3,584 | 3,621 | 3,575 | 3,659 | 3,649 |
| Tamarac | 7,069 | 1,497 | 2,152 | 2,162 | 2,137 | 2,179 | 2,188 |

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| City/Area | 2005 ¹ | 2010 ² | 2015 ² | 2020 ² | 2025 ² | 2030 ² | 2035 ² |
|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Wilton Manors | 12,390 | 11,374 | 11,611 | 11,740 | 11,693 | 11,931 | 11,929 |
| Total | 51,722 | 46,914 | 48,643 | 49,792 | 50,918 | 52,751 | 53,311 |

Notes:

1. Source: 2009 City of Fort Lauderdale Water Supply Plan.
2. Source: the 2010 population estimate and 2015 to 2030 population projections are based on the 2014 Traffic Analysis Zones and Municipal Forecasts Update prepared by the Broward County Planning and Redevelopment Division. The update assigns the forecasted estimates from the University of Florida's Bureau of Economic and Business Research (BEBR), "Detailed Population Projections by Age, Sex, Race, and Hispanic Origin, for Florida and Its Counties, 2015-2040, With Estimates for 2012 All Races" to Broward County's 2010 Traffic Analysis Zones (TAZ) and municipalities.
3. Area includes a portion of the Hacienda Village neighborhood, which comprises TAZ 651
4. The Village of Lazy Lake is built-out
5. Oakland Forest is a subdivision of the City of Oakland Park and comprises all of TAZ 414. Potable water from the City of Fort Lauderdale is supplied through a master meter. Water demand by the residents in this subdivision was forecast separately from the water demand of the City of Oakland Park.

Raw water for the City of Fort Lauderdale is supplied by the Peele-Dixie and Prospect wellfields, which draw from the SAS. The raw water is treated at two (2) water treatment facilities, the Peele-Dixie nanofiltration plant and the Fiveash lime softening plant. There are a total of 37 active wells between the two (2) wellfields and 16 wells in operation at a given time. The Peele-Dixie and Prospect Wellfields have a combined pumping capacity of approximately 111 MGD. Wholesale customers receive finished water from the Fiveash WTP. The City of Fort Lauderdale's CUP (Permit No. 06-00123-W) issued on September 11, 2008 for 20 years allows the City to pump a combined annual average daily allocation for the two (2) wellfields of 52.55 MGD, and a monthly maximum daily allocation of 59.9 MGD. In 2013, the combined pumpage from the Peele-Dixie and Prospect Wellfields averaged 36.8 MGD (15.75 MGD below the permitted allocation).

In 1926, the 6 MGD capacity Peele-Dixie lime softening WTP was opened in western Fort Lauderdale. Over the years, the plant has been expanded and modernized, increasing its capacity to 20 MGD. In 2008, the WTP was converted from a lime-softening to a state-of-the-art membrane facility with a treatment capacity of 12 MGD at 85% treatment efficiency. Built in 1954, the Fiveash lime softening WTP was designed to treat 8 MGD. Through a series of expansions, the plant has been able to keep pace with the rapid growth experienced in Fort Lauderdale and today has a designed capacity of 70 MGD. The Fiveash WTP is supplied raw groundwater for treatment from the Prospect Wellfield.

Although the Peele-Dixie and Fiveash WTPs have a combined design capacity of 82.0 MGD, hydraulic constraints at the Fiveash WTP limit its operating capacity to between 55.0 and 60.0 MGD. The City of Fort Lauderdale maintains a total of 10 water system interconnections. The breakdown is as follows: BCWWS District 1

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(3), the Cities of Plantation (1), Dania Beach (1), Tamarac (3), and Pompano Beach (1), and the Town of Davie (1).

3.6 LEVEL OF SERVICE

3.6.1 City of Tamarac Utility Service Area

Throughout the data and analysis of the population and flow projections, the City of Tamarac has been able to determine the level of service (LOS) necessary to adequately serve its population. As seen in Table 3-3, Finished and Raw Water Projected Demands within Utility Service Area, the LOS for raw water is 110.3 gallons per capita per day (6 PCD). Moreover, the LOS for finished water is 102.0 GPCD. The raw water and finished water per capita rates are based on overall water consumption within the City of Tamarac Utility Service Area which includes residential, commercial, industrial, and wholesale customers such as North Lauderdale (The Courtyards Area).

3.6.2 Broward County Water and Wastewater Services - District 1

As stated in the BCWWS Water Supply Facility Work Plan, BCWWS has a methodology to determine the LOS. Table 3-9 shows the LOS standards for each facility type as reported in the BCWSFWP.

Table 3-9
BCWWS Retail Potable Water Level of Service Standards

| <i>Facility</i> | <i>Level of Service Standard</i> |
|----------------------------------|---|
| Raw Water Supply | Maximum Day Plus In-Plant Use |
| Treatment Plant | Maximum Day |
| Finished Water Storage | 40% of Maximum Day demand to cover operational (10%) and emergency (30%) storage; plus fire protection storage of 630,000 gallons (3,500 GPM for 3 hours) |
| Transmission/Distribution System | The most stringent of: Peak Hour at 45 psi residual pressure, or Maximum Day Plus Fire Flow at 25 psi residual pressure. |

3.6.3 City of Fort Lauderdale

The City of Fort Lauderdale has determined its own LOS as stated in the BCWWS Water Supply Facility Work Plan and is summarized in Table 3-10.

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Table 3-10
City of Fort Lauderdale Water System Level of Service Standards

| <i>Facility</i> | <i>Level of Service Standard</i> |
|--|--|
| Raw Water Supply | Maximum Day with 20% of wells out of service for maintenance |
| Treatment Plant | Maximum Day |
| Minimum system pressure during peak hour demand with largest pump out of service during non-fire flow conditions | Maintain a minimum of 45 psi in the distribution system |
| Minimum system pressure during peak hour demand with largest pump out of service during fire flow conditions | Maintain a minimum of 20 psi in the distribution system |
| Finished Water Pumped Per Capita - 2008 Comprehensive Plan Volume 1, Infrastructure Element | Policies 1.2.2 and 2.3.1 of the Comprehensive Plan Volume 1, Infrastructure Element indicates that the level of service for finished water pumped shall be 197 gallons per capita per day |
| Finished Water Pumped Per Capita - City Goal | It is the City's goal to reduce the finished water pumped level of service to 170 gallons per capita per day through conservation by the 2028 |
| Finished Water Storage | Comply with F.A.C. 65-555.320(19): minimum requirement of 25 percent of maximum day demand plus maximum fire flow volume with all tanks in service. Maximum fire flow storage based upon a 5,000 gallons per minute (gpm) fire over a four hour period |
| Maximum Distribution System Water Loss | 10 Percent of Finished Water Pumped |

The finished water per capita demand averaged 179 gallons per person per day from 2009 to 2013. The City has established a finished water per capital goal of 170 gallons per day by the end of the year 2028. The finished water per capita rates are based upon overall water consumption within the City's water service area including: 1) Residential; 2) Commercial; 3) Industrial; 4) Wholesale Customers such as Wilton Manors, etc.; and 5) Port Everglades.

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3.7 CONSERVATION

This section includes a narrative of information that describes applicable regional or county issues, City of Tamarac specific actions, programs, regulations, or opportunities. Identified are any local financial responsibilities as detailed in Capital Improvements Element (CIE) or Capital Improvements Schedule (CIS).

3.7.1 Local Government Specific Actions, Programs, Regulations, or Opportunities

The City of Tamarac has implemented a number of water conservation elements including utility leak detection programs, water conservation based rate structures, Florida-friendly landscaping, retrofits, meter replacement programs, and public information programs. A summary of each of these elements is provided below.

Restrictions on Permitted Water Use

The City of Tamarac fully supports the regulations and recommendations placed forward by the SFWMD. In addition, the City of Tamarac adheres to the irrigation ordinance placed forward by Broward County under Chapter 36, "Water Resources and Management," Article II, "Water Emergencies," Section 36-55: "Restrictions on Landscape Irrigation, Year-round Landscape Irrigation Measures" of the Broward County Code of Ordinances. This imposes year-round, county-wide landscape 2 day/week irrigation restrictions.

Utility Leak Detection Program

In addition, the City of Tamarac preforms the following precautions to ensure the highest level of conservation.

- ▶ Monthly records are rectified to calculate all losses throughout the system: raw water lines, treatment losses, and distribution line losses.
- ▶ Three-point pressure monitoring system in pipeline network provides early warning for major line breaks and isolates the break areas.
- ▶ Telemetry system installed in 1986 provides water system pressure readings at two remote tanks and treatment plant.
- ▶ Toilet Rebate Program was established in 2008. This program provides the City of Tamarac residents with the opportunity to obtain 1.28 gal/flush toilets for \$150/each (price in the year 2015). The City has allocated \$90,000 to sell 400 toilets per year.

Use of Florida-Friendly Landscaping Principles

On February 14, 2014, Broward County Board of Commissioners approved a new water efficient landscape code located in Chapter 39, "Zoning", Article VIII,

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"Landscaping for Protection of Water Quality and Quantity", of the Broward Code of Ordinances. This code reflects the NatureScape Broward program principles that promote water and energy conservation while creating a climate resilient landscape. This is in effect for the unincorporated areas of Broward County and individual municipalities are adopting as a model landscape code. This program has developed nine (9) principles for sustainable landscape:

1. Right plant, right place
2. Water efficiently
3. Fertilize appropriately
4. Mulch
5. Attract wildlife
6. Manage yard pests responsibly
7. Recycle yard waste
8. Reduce storm water runoff
9. Protect the waterfront

In addition, the City of Tamarac preforms the following precautions to ensure a high level and conservation. All new landscape designs must be pre-approved by the City of Tamarac and are screened to meet the Florida-Friendly Landscape standards. Good irrigation practices are encouraged that include:

- ▶ Water is applied in stages to allow adequate soak in, to avoid irrigation run-off.
- ▶ Irrigation is only between 4 p.m. and 10 a.m.
- ▶ Irrigation is limited to two days per week during water shortage.

In addition, participation in Broward County Mobile Irrigation Laboratory program and irrigation system reviews are offered to several accounts each year.

Requirement of Ultra-Low Volume Plumbing in New Construction

The City of Tamarac has officially been certified as a Florida Green Local Government through the Florida Green Building Coalition. This organization is a nonprofit organization dedicated to improving the environment through conservation efforts and which recognizes local governments for exceptional environmental stewardship. Tamarac was first certified in May 2008 at the silver level. In May 2010, the City achieved the Gold-level certification, making it one of only two cities in Florida to achieve this designation. In addition, SFWMD Grants are used to provide rain sensor shut-offs, low flow faucets, shower heads, restaurant spray-nozzles and toilets to local residents and businesses.

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Water Conservation Based Rate Structure

The City of Tamarac offers a three-tiered rate structure to encourage conservation. In addition, during a SFWMD Declared Water Shortage, a 15% water conservation fee may be added to the water portion of the bill.

Meter Replacement Program

Unaccounted for water summaries are submitted to the District annually.

Rain Sensor Overrides for New Lawn Sprinkler Systems

Broward County's "Landscaping for Protection of Water Quality and Quantity", Ordinance is codified in the Broward County Code of Ordinances Section 39-79. Subsection 39-79(b)(11) includes the requirement for the location and specification of controllers of rain shut-off devices and soil moisture sensors as part of the landscape plan.

Public Information Program

The City of Tamarac offers a wide range of public information to help water conservation. These parameters can be seen below:

- ▶ Conservation messages are periodically enclosed in customer water bills.
- ▶ During SFWMD Declared Water Shortages, the city uses "Tam-a-Grams", direct mail, banners and social media to remind customers to reduce consumption.
- ▶ Speakers from City of Tamarac Utilities Department address conservation issues.
- ▶ Restaurants are provided signage and only provide water to if requested.

Other

The City of Tamarac joined the Broward County 201 Program in 1988.

Filter Backwash Water Recovery Basin

The City of Tamarac constructed a 500,000 gallon filter backwash water recovery basin in 2012 in an effort to recover potable water during the water treatment process. Since the implementation of this basin the water treatment plant has averaged 150,000 gallons per day of additional potable water that would have previously been wasted.

SECTION 3 - DATA AND ANALYSIS

3.7.2 Identify Local Financial Responsibilities

The 10-year Capital Improvement Program includes improvements pertaining to the Village's water supply as shown in Table 3-11 at the end of this section.

3.8 WASTEWATER RECLAMATION AND REUSE

Presently, all raw sanitary flows collected in the City of Tamarac are pumped to Broward County for treatment and ultimate disposal. There is no use of reclaimed or reused water within the City boundaries. However, the Broward County North Regional Wastewater Treatment Plant (BCWWT) does have an established reuse program.

BCWWS operates the BCWWT located in the City of Pompano Beach. The facility has an FDEP-permitted capacity of 95.00 MGD and it provides wastewater services for northern Broward County. In 2010, the annual average daily wastewater flow at the facility was 71.00 MGD. Approximately 4.40 MGD of the treated wastewater is reused at the facility or at adjacent facilities for irrigation, process, or cooling water.

In 2010, most of the treated wastewater was disposed of via deep injection wells (38.0 MGD) and ocean outfall (28.0 MGD). Of the water sent to the ocean outfall, an average 1.35 MGD was captured by the City of Pompano Beach in 2010 for further treatment and reuse. Overall, water reuse at the facility was approximately six (6) percent of the wastewater treated at the facility.

The primary users of reuse water are Broward County Septage Receiving Facility, Broward County North Regional WWTP, Pompano Beach Park of Commerce and Wheelabrator Environmental Services.

Based on historic flows to the ocean outfall, the facility is required to reuse 21.45 MGD of treated wastewater by 2025 to comply with the 2008 Ocean Outfall statute (Section 403.086(9), F.S.). The BCWWS is promoting collaborative regional water supply strategies to meet the required 60 percent water reuse by 2025. BCWWS has developed a regional reuse master plan and is working towards amended County ordinance(s) for the establishment of mandatory reuse zones.

BCWWS continues to investigate means to increase its reclaimed water usage, both as a method to meet future water needs and the requirements of the 2008 Ocean Outfall Program requirements. BCWWS is partnering with Palm Beach County Water Utilities Department to send reclaimed water into southern Palm Beach County for irrigation. Some irrigation customers will be included in northern Broward County as the reclaimed water is sent northward. BCWWS is also in the process of extending reclaimed water to the Pompano Highlands neighborhood for irrigation. The City of Coconut Creek, which is within the North Regional Wastewater Treatment Plant's (WWTP's) service area, installed infrastructure to accept reclaimed water from the facility, primarily for irrigation. The first phase of the City of Coconut Creek reclaimed water system is planned to be operational in 2015. The City of Pompano Beach, which takes treated wastewater from the County's ocean outfall pipeline, is expected to continue expanding its reclaimed system. Potential

SECTION 3 - DATA AND ANALYSIS

end users include: City of Coconut Creek, Pompano Highlands, Potential larger users (e.g., golf courses, parks, and schools).

3.8.1 Regional and Countywide Issues

The City of Tamarac supports water reuse initiatives under consideration by both the SFWMD and Broward County and the implementation of new regulations or programs designed to increase the volume of reclaimed water used and public acceptance of reclaimed water.

3.8.2 Local Government Specifications, Programs, Regulations, or Opportunities

The City of Tamarac does not currently have any wastewater reclamation programs in place nor are any such programs planned for the future.

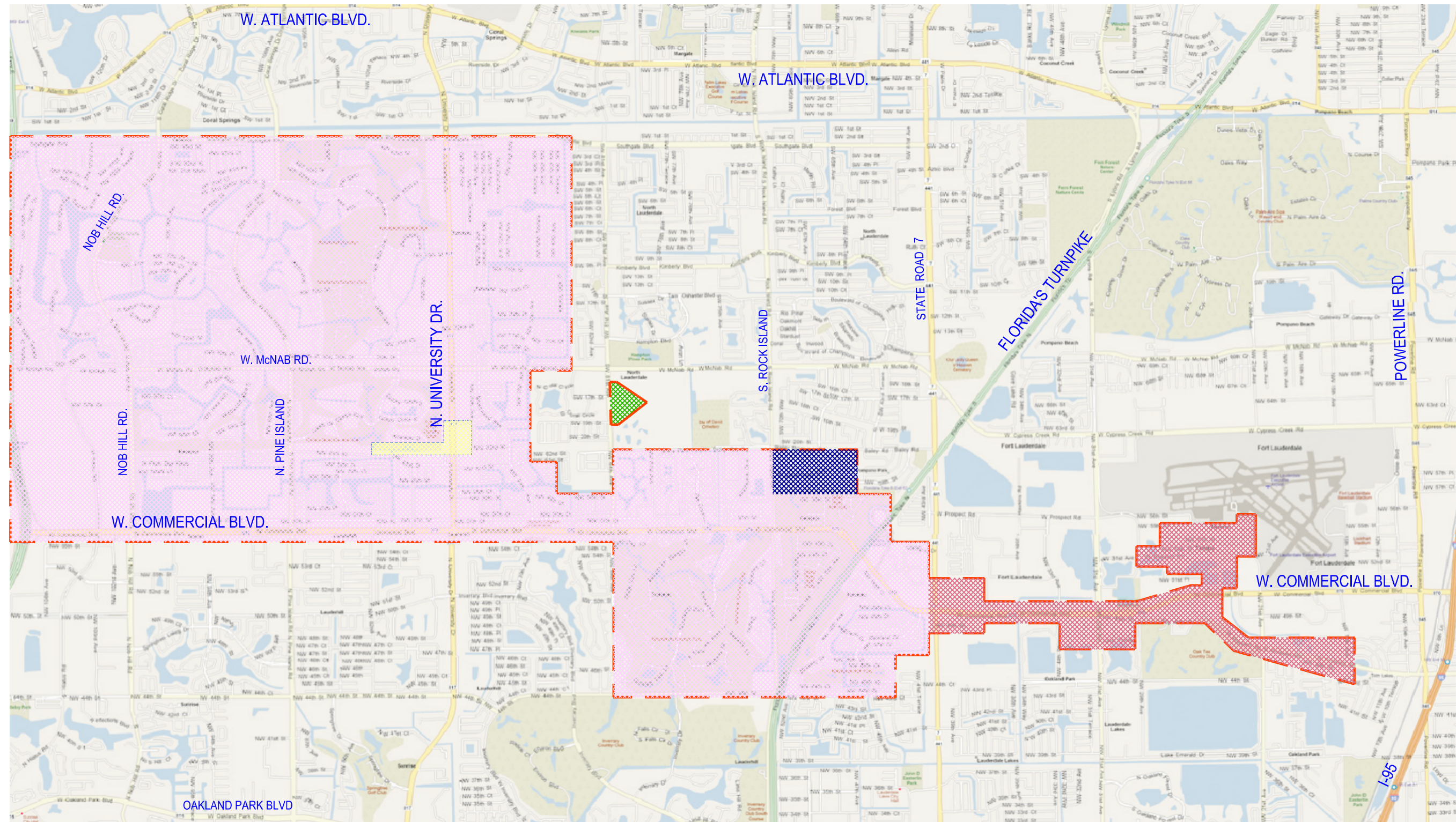
3.8.3 Identify Local Financial Responsibilities

The City of Tamarac does not currently have any wastewater reclamation programs in place nor are any such programs planned for the future.

SECTION 3 - DATA AND ANALYSIS

Table 3-11
Capital Improvement Projects

| PROJECT NAME | Previously Funded | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 |
|---|------------------------------|--------------------|------------------|------------------|------------------|--------------------|-----------------|------------------|--------------------|-----------------|------------------|
| <i>Water Treatment Plant Well Upgrade Project</i> | \$0 | \$60,000 | \$250,000 | \$350,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$50,000 | \$50,000 | \$50,000 |
| <i>Shaker Village Pipe Bursting (Zones 2-6)</i> | \$0 | \$1,250,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| <i>Filter Backwash Water Recovery Basin</i> | \$1,580,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| <i>MIEX at Pretreatment System</i> | \$0 | \$0 | \$0 | \$0 | \$350,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| <i>Replace Package Filter 1-2 (Remove 4 MG Accelerator)</i> | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$150,000 | \$1,500,000 | \$0 | \$0 |
| <i>Lime Concentration (Thickener + Vacuum Filters)</i> | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$300,000 |
| Total | \$1,580,000 | \$1,310,000 | \$250,000 | \$350,000 | \$375,000 | \$25,000 | \$25,000 | \$175,000 | \$1,550,000 | \$50,000 | \$350,000 |



Scale : NTS

- Legend:
- City of Tamarac Service Area
 - Served by City of Tamarac Utilities within City Limits
 - WTP and Wells Locations
 - Served by City of Tamarac Utilities Outside City Limits
 - Served by The City of Fort Lauderdale
 - Served by BCWWS - District 1

ECKLER ENGINEERING, INC.

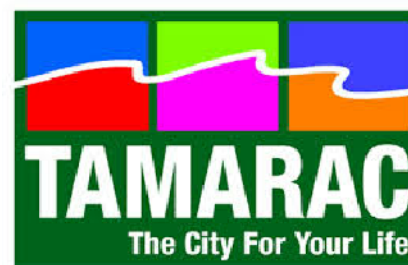
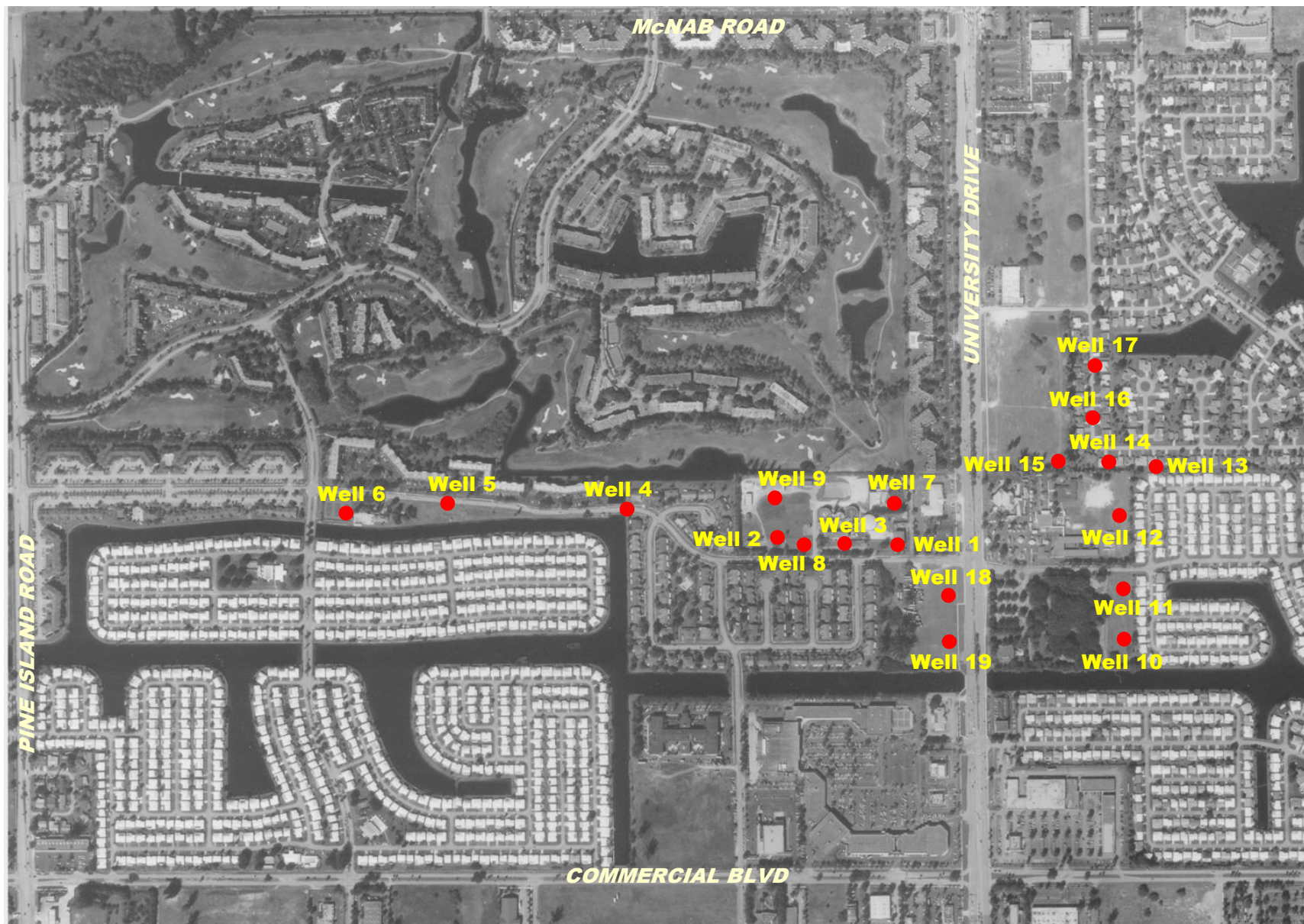


Figure 3-1
City of Tamarac
Utility Service Area Site Map



SCALE
N.T.S.

Legend:

Well-6 • = Existing Well Location

ECKLER ENGINEERING, INC.

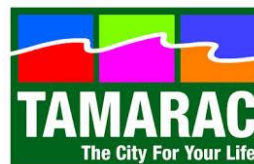
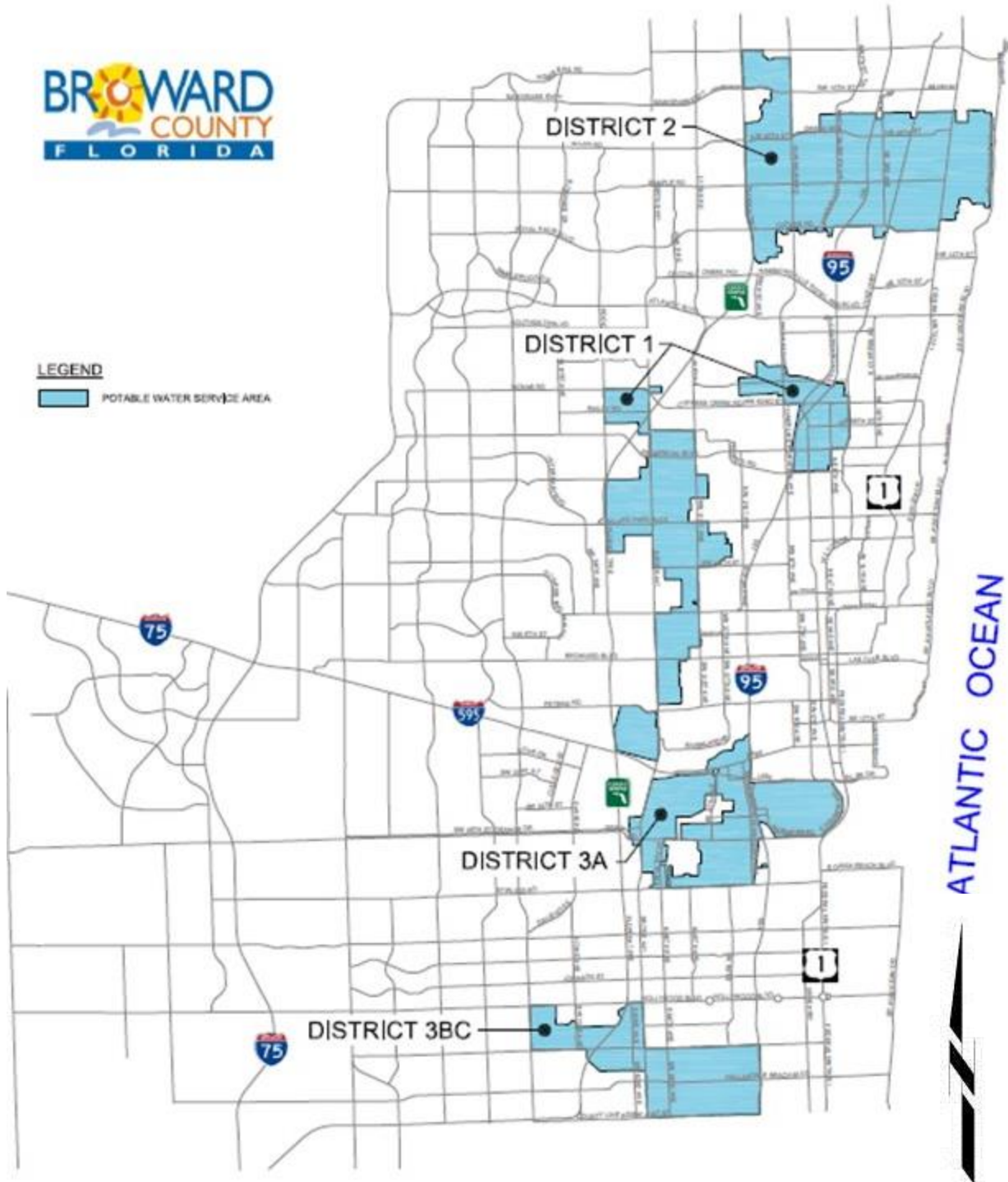


Figure 3-2
City of Tamarac
Well Locations



LEGEND

 POTABLE WATER SERVICE AREA

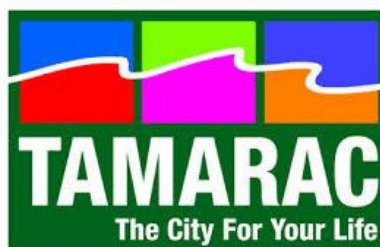


SCALE: N.T.S.

Figure 3-3
BCWWS Retail Water
Service Areas, 2014

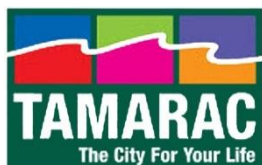
The map displays the following streets and features:

- Streets:** NW 62ND ST, NE 62ND ST, NE 56TH ST, NE 45TH ST, E COMMERCIAL BLVD, W COMMERCIAL BLVD, W PROSPECT RD, NW 31ST AVE, NW 21ST AVE, NW 19TH ST, NW 17TH ST, NW 15TH ST, NW 13TH ST, NW 11TH ST, NW 9TH AVE, NW 7TH AVE, NW 6TH ST, NW 5TH AVE, NW 4TH AVE, NW 3RD AVE, NW 2RD AVE, NW 1ST AVE, NE 6TH AVE, NE 5TH AVE, NE 4TH AVE, NE 3RD AVE, NE 2RD AVE, NE 1ST AVE, E OAKLAND PARK BLVD, E 13TH ST, E 11TH ST, E 9TH ST, E 7TH ST, E 5TH ST, E 3RD ST, E 1ST ST, SE 17TH ST, SE 15TH ST, SE 13TH ST, SE 11TH ST, SE 9TH ST, SE 7TH ST, SE 5TH ST, SE 3RD ST, SE 1ST ST, S ADAMS BLVD, S BROADWAY BLVD, S DAVENPORT BLVD, S HENRIETTA BLVD, S LINCOLN BLVD, S MARSHALL BLVD, S MCKINLEY BLVD, S NORTON BLVD, S PERRY BLVD, S RIVER BLVD, S TULSA BLVD, S WILSON BLVD, S YOUNG BLVD, S 1ST AVE, S 2ND AVE, S 3RD AVE, S 4TH AVE, S 5TH AVE, S 6TH AVE, S 7TH AVE, S 8TH AVE, S 9TH AVE, S 10TH AVE, S 11TH AVE, S 12TH AVE, S 13TH AVE, S 14TH AVE, S 15TH AVE, S 16TH AVE, S 17TH AVE, S 18TH AVE, S 19TH AVE, S 20TH AVE, S 21ST AVE, S 22ND AVE, S 23RD AVE, S 24TH AVE, S 25TH AVE, S 26TH AVE, S 27TH AVE, S 28TH AVE, S 29TH AVE, S 30TH AVE, S 31ST AVE, S 32ND AVE, S 33RD AVE, S 34TH AVE, S 35TH AVE, S 36TH AVE, S 37TH AVE, S 38TH AVE, S 39TH AVE, S 40TH AVE, S 41ST AVE, S 42ND AVE, S 43RD AVE, S 44TH AVE, S 45TH AVE, S 46TH AVE, S 47TH AVE, S 48TH AVE, S 49TH AVE, S 50TH AVE, S 51ST AVE, S 52ND AVE, S 53RD AVE, S 54TH AVE, S 55TH AVE, S 56TH AVE, S 57TH AVE, S 58TH AVE, S 59TH AVE, S 60TH AVE, S 61ST AVE, S 62ND AVE, S 63RD AVE, S 64TH AVE, S 65TH AVE, S 66TH AVE, S 67TH AVE, S 68TH AVE, S 69TH AVE, S 70TH AVE, S 71ST AVE, S 72ND AVE, S 73RD AVE, S 74TH AVE, S 75TH AVE, S 76TH AVE, S 77TH AVE, S 78TH AVE, S 79TH AVE, S 80TH AVE, S 81ST AVE, S 82ND AVE, S 83RD AVE, S 84TH AVE, S 85TH AVE, S 86TH AVE, S 87TH AVE, S 88TH AVE, S 89TH AVE, S 90TH AVE, S 91ST AVE, S 92ND AVE, S 93RD AVE, S 94TH AVE, S 95TH AVE, S 96TH AVE, S 97TH AVE, S 98TH AVE, S 99TH AVE, S 100TH AVE.
- Highways:** I-40, I-240, SR1, SR2, SR3, SR4, SR5, SR6, SR7, SR8, SR9, SR10, SR11, SR12, SR13, SR14, SR15, SR16, SR17, SR18, SR19, SR20, SR21, SR22, SR23, SR24, SR25, SR26, SR27, SR28, SR29, SR30, SR31, SR32, SR33, SR34, SR35, SR36, SR37, SR38, SR39, SR40, SR41, SR42, SR43, SR44, SR45, SR46, SR47, SR48, SR49, SR50, SR51, SR52, SR53, SR54, SR55, SR56, SR57, SR58, SR59, SR60, SR61, SR62, SR63, SR64, SR65, SR66, SR67, SR68, SR69, SR70, SR71, SR72, SR73, SR74, SR75, SR76, SR77, SR78, SR79, SR80, SR81, SR82, SR83, SR84, SR85, SR86, SR87, SR88, SR89, SR90, SR91, SR92, SR93, SR94, SR95, SR96, SR97, SR98, SR99, SR100.
- Colored Zones:** A large green area in the center, a yellow area in the northwest, a pink area in the northeast, and a brown area in the southwest.
- Other Features:** A red square is located within the green zone. The map also shows various parks and recreational areas.



**City of Fort Lauderdale
Service Area**

Capital Improvements



SECTION 4 - CAPITAL IMPROVEMENTS

4.1 CAPITAL IMPROVEMENTS

The Work Plan identifies and addresses:

- ▶ All public, private, and regional water supply facilities needed within jurisdiction.
- ▶ All public and private projects and programs necessary during the next five (5) years to achieve and maintain adopted level of service standards, and reflect the identified projects and programs in the City of Tamarac's Five-Year Schedule of Capital Improvements. This includes any inter-local or development agreements needed to address the costs of capital improvements, the funding source, responsible City of Tamarac, populations to be served and the construction timeline.

4.2 WORK PLAN PROJECTS

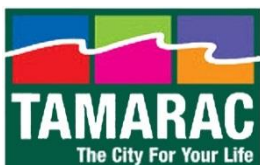
Table 4-1 shows the projects that the City of Tamarac is planning and has been implementing so far for the next ten years.

SECTION 4 - CAPITAL IMPROVEMENTS

Table 4-1
Capital Improvement Projects FY 2016 to FY 2025

| PROJECT NAME | Previously Funded | FY 2016 | FY 2017 | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 |
|---|------------------------------|--------------------|--------------------|------------------|------------------|-----------------|-----------------|------------------|--------------------|------------------|------------------|
| <i>Water Treatment Plant Well Upgrade Project (UT16I)</i> | \$0 | \$60,000 | \$250,000 | \$350,000 | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$50,000 | \$50,000 | 50,000 |
| <i>Shaker Village Pipe Bursting (Zones 2-6) (UT16C)</i> | \$0 | \$1,250,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| <i>Filter Backwash Water Recovery Basin</i> | \$1,580,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| <i>MIEX at Pretreatment System</i> | \$0 | \$0 | \$0 | \$0 | \$350,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| <i>Replace Package Filter 1-2 (Remove 4 MG Accelerator)</i> | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$150,000 | \$1,500,000 | \$0 | \$0 |
| <i>Lime Concentration (Thickener + Vacuum Filters)</i> | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$300,000 |
| <i>Replace Greenleaf Filter Media/Sandblast/Paint (UT17A)</i> | | | \$750,000 | | | | | | | \$750,000 | |
| <i>Replace WTP Package Filter Media - Filters 3 & 4</i> | | | | | \$350,000 | | | | | | |
| <i>Replace WTP Package Filter Media - Filters 5 & 6</i> | | \$250,000 | | | | | | | | | |
| Total | \$1,580,000 | \$1,560,000 | \$1,000,000 | \$350,000 | \$725,000 | \$25,000 | \$25,000 | \$175,000 | \$1,550,000 | \$800,000 | \$350,000 |

Goals, Objectives and Policies



SECTION 5 - GOALS, OBJECTIVES, AND POLICIES

5.0 GOALS, OBJECTIVES AND POLICIES

The following goals, objectives and policies presented in this section pertain to capital improvements of the City's water supply plan and are not inclusive of all City goals, objectives and policies. The complete City of Tamarac Comprehensive Plan (2007) is available on the City's website (www.tamarac.org).

GOAL

The City of Tamarac shall provide, or cause to be provided, the infrastructure necessary to provide for the health, welfare, and safety of its residents. The City will correct existing deficiencies and maintain needed public facilities and provide or require the provision of facilities concurrent with the impact of development.

Objective 1

The City will use the Capital Improvement Element (CIE) as the means to establish needs and to develop programs for essential public improvements. Funds will be provided for capital improvements as outlined in the other elements of the comprehensive plan. Capital improvements will be directed toward correcting existing deficiencies, maintenance of all existing facilities, and to provide for future growth.

Monitoring and Evaluation:

- Objective can be evaluated in terms of its implementing policies.

- | | |
|------------|---|
| Policy 1.1 | The City of Tamarac shall revise and adopt annually a Capital Improvement Program (CIP) that addresses the existing and projected deficiencies as outlined in the Capital Improvement Element and those items listed in the five-year schedule of improvements. |
| Policy 1.2 | The City of Tamarac shall update its Capital Improvement Element (CIE) on an annual basis after the adoption of the Capital Improvement Program and submit the CIE to the State Planning Agency, DCA, annually as a Comprehensive Plan Amendment. |
| Policy 1.3 | The City of Tamarac shall identify those projects in the other plan elements which will maintain or expand facilities. These projects shall be included in the five-year Schedule of Improvements and incorporated into the annual Capital Budget. |
| Policy 1.4 | The City shall continue using the Needs Assessment Committee composed of the Director of Public Works, Financial Services, Utilities and Community Development which shall prioritize projects for the CIE, those projects in the five-year Schedule of Improvements, and the annual proposed capital budget. |

SECTION 5 - GOALS, OBJECTIVES, AND POLICIES

- Policy 1.5 The City shall adopt annually a Capital Budget which shall include at a minimum the first year Improvements of the CIE.
- Policy 1.6 Proposed Capital Improvements shall be evaluated and ranked in priority according to the following guidelines:
1. Does the project contribute to or further the achievements of specific objectives contained in Elements of the Comprehensive Plan?
 2. Does the project eliminate possible hazards and protect the public health, safety, and welfare of the City's residents, provide the necessary infrastructure as part of a legal requirement or prior commitment, and use, to the fullest extent, existing facilities?
 3. Will the project eliminate or correct existing deficiencies, increase capacity of existing facilities, or reduce the necessity for or cost of future improvements or provide for future needs?
 4. Will the project provide services to developed areas lacking services, or be a logical extension or expansion of facilities or services within designated service areas?
 5. Will or can funds be available for the project? Can operating and maintenance costs associated with the improvement be provided from the annual operating budget?

Objective 2

Future development shall be responsible for bearing a proportionate fair share of the cost for improvements in order to maintain adopted Level of Service (LOS) standards.

Monitoring and Evaluation:

- The balance of development revenues collected versus the cost of improvements.

- Policy 2.1 The City of Tamarac shall continue its policy of collecting impact fees from future development for traffic, recreation, open space, drainage retention, water, and sewers.
- Policy 2.2 The City of Tamarac shall continue its policy of mandatory dedications or fees in lieu of dedications as a condition of plat or site plan approval for recreation open sites and development of recreation facilities for residential developments.
- Policy 2.3 The City of Tamarac shall continue to require the dedication, deeding by

SECTION 5 - GOALS, OBJECTIVES, AND POLICIES

separate instrument or grant of easement or necessary rights-of-way for public streets as shown on the Broward County Trafficways Plan and in the Transportation Element of the Tamarac Comprehensive Plan.

- Policy 2.4 The City shall conduct an impact fee rate study by the year 2009 to ensure that new development and redevelopment pays its fair share of capital improvements needed to serve the development/redevelopment.

Objective 3

The City of Tamarac shall exercise sound fiscal management to ensure that needed capital improvements are provided for existing and future development.

Monitoring and Evaluation:

- Evaluated at the time of creating the five year capital improvements plan and schedule of capital improvements needed to maintain LOS standards.

- Policy 3.1 Section 7.16 of the City Charter states, "The City shall have full power and authority to issue municipal bonds or to borrow funds for municipal purposes to the extent authorized by and subject to the limitations provided in the Constitution of the State of Florida, the Municipal Home Rule Law, other statutes and this Charter; provided further that bonds intended for the funding or refunding of an acquisition or construction of a capital project shall not be issued until such project and such issuance has been approved by a majority of the qualified electors voting on the issue at a special or general election."

- Policy 3.2 The Financial Services Director recommends that the City maintain a debt burden, defined as debt service payments, of less than fifteen percent (15 %) of combined operating and debt service expenditures.

- Policy 3.3 The City shall adopt as part of its annual budget, a schedule for the depreciation and periodic replacement of capital facilities from current revenues.

- Policy 3.4 The City Manager shall submit to the City Commission an updated five-year Capital Improvement Program annually. The capital program shall include a summary of its contents and a list of all capital improvements which are proposed for the next five (5) fiscal years with appropriate detailed information. Whenever so requested by the Commission or otherwise required, the manager shall make recommendations for revisions of the program.

- Policy 3.5 The City of Tamarac shall require to be installed or install, all needed public facilities for development prior to the issuance of a Certificate of Occupancy. "Development orders shall be issued by the City in accordance with the

SECTION 5 - GOALS, OBJECTIVES, AND POLICIES

adopted concurrency management system and with 163.3202(2)(g) F.S.

Objective 4

Development orders and permits shall be issued only when it is demonstrated by the applicant that the land development proposal conforms with the development requirements of this Comprehensive Plan, with land development regulations, and that sufficient public facilities or service capacity to support such development will exist at the time a building permit is issued for the project.

Monitoring and Evaluation:

- Monitored through the City's Concurrency Management System and permit review process.

Policy 4.1 The City of Tamarac shall use the following LOS standards in reviewing impacts of development upon public facilities:

1. POTABLE WATER

- Western Service Area (Tamarac Water Treatment Plant)
107 gallons per capita per day.
- Eastern Service Area (Fort Lauderdale Water Treatment Plants)
80 gallons per capita per day.
- BCU Service Area (Broward County Water Treatment Plants)
131 llons per capita per day.

Policy 4.2 The City of Tamarac shall ensure adequate facility capacity is available or will be available when needed prior to the issuance of a development order. Developments orders shall be issued by the City in accordance with the adopted concurrency management system and with 163.3202(2)(g), F.S. To do so, the City may approve a proposal, reject a proposal, or require that a development be phased in accordance with availability of specific facilities or services as provided in this element.

Policy 4.3 Requests for development permit or Land Use Plan amendments shall be reviewed to examine what affect upon the public facilities the request shall have per the following criteria:

1. Whether the proposal is consistent with, supports, or contributes to the achievement of the goals and objectives in this plan.
2. Whether it affects any existing condition of a public facility as outlined in the Transportation Element, Recreation and Open Space Element, and Sanitary Sewer, Solid Waste, Drainage, Potable Water, and Natural Ground

SECTION 5 - GOALS, OBJECTIVES, AND POLICIES

Water Recharge Sub-Elements.

3. Can the plan amendment or proposed development be provided with the necessary public facilities that are planned in the five-year schedule of improvements.

4. Whether the proposal conforms to the Future Land Use Map of the Future Land Use Element.

5. Whether the plan amendment or development is in conformity with county, state agencies, water management district's plans, and those of other regulatory agencies with management or regulatory authority.

Development orders shall be issued by the City in accordance with the adopted concurrency management system and with 163.3202(2)(g), F.S.

Policy 4.4 The Public Works, Utilities and Community Development Departments will continue to monitor and improve the established criteria the City employs to evaluate capital improvement projects to accommodate new development and redevelopment needs. These criteria will be used by the City during its annual capital budgeting process.

Policy 4.5 The Public Works and Utilities Departments will continue to maintain and improve the adopted LOS standards for potable water as guided by the City's 10-Year Water Supply Facilities Work Plan and other relevant jurisdictions.

Policy 4.6 The City will maintain its water supply system through improvements to water facilities as needed when identified in the Capital Improvements Program.

Policy 4.7 The Financial Services Director will review all proposals for capital projects and make arecommendation to the City Manager concerning the City's ability to finance suchproposals. The recommendation shall include a review of the following:

1. Ability to use impact fees.

2. Ability to use an existing revenue stream.

3. Assessment of likelihood of getting a bond approved by Tamarac voters.

4. Availability of grant funds.

Policy 4.8 During the planning period, the City shall use the following criteria for the consideration of the plans of state agencies and the South Florida Water

SECTION 5 - GOALS, OBJECTIVES, AND POLICIES

Management District during the City's evaluation of capital improvement projects." These criteria include the following:

1. Project is needed by the city;
2. Project is funded by appropriate agency; and
3. City has funds available to meet any required local match.

Policy 4.9 Public facilities to serve developments for which development orders were issued prior to the adoption of the Tamarac Comprehensive Plan, provided those development orders meet all provisions of the Land Development regulations, shall be available. The Concurrency Management System, as identified in the Tamarac Code of Ordinances, already provides for facilities monitoring and development permit monitoring which will ensure availability as required during the planning period.

Policy 4.10 City of Tamarac traffic impact fees shall only be used for city streets. Since Broward County collects regional traffic impact fees (for the County road system) the city shall not collect fees for those same roads. Any state roads in Tamarac are covered by the regional road system and not eligible for city impact fees.

Objective 5

To formally adopt the capital improvement plans/schedules of all governmental agencies which schedule and fund improvements needed to maintain City-adopted level of service standards.

Monitoring and Evaluation:

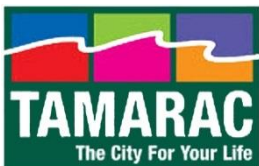
- Periodic review of all interlocal agreements and related capital improvements work plans to ensure that they are current.

Policy 6.3 The City of Tamarac hereby adopts the City of Tamarac's 2007-2011 Capital Improvements Program as originally adopted on September 26, 2007.

Policy 6.4 The City hereby adopts by reference the Ft. Lauderdale Water Supply Facilities Work Plan, 2008.

Policy 6.5 The City hereby adopts by reference the Broward County 10-Year Water Supply Facilities Work Plan, 2007.

Appendices



APPENDIX 1-A

CITY OF TAMARAC UTILITY DEPARTMENT WATER USE PERMIT



FORM 80229
REV. 07/09

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
WATER USE PERMIT NO. RE-ISSUE 06-00071-W
NON-ASSIGNABLE**

Date Issued: February 3, 2014

Expiration Date: February 3, 2034

Authorizing: THE CONTINUED USE OF GROUNDWATER FROM THE BISCAYNE AQUIFER FOR PUBLIC WATER SUPPLY FOR THE WESTERN PORTION OF THE CITY OF TAMARAC SERVING 68,929 PERSONS IN THE YEAR 2033 WITH AN AVERAGE PER CAPITA USE RATE OF 110 GALLONS PER DAY AND A MAXIMUM MONTHLY TO AVERAGE MONTHLY PUMPING RATIO OF 1.07 TO 1 WITH AN ANNUAL ALLOCATION OF 2,767.50 MILLION GALLONS.

Located In: Broward County, S9,10/T49S/R41E

Issued To: CITY OF TAMARAC
(CITY OF TAMARAC)
10101 STATE ST.
TAMARAC, FL 33321

This is to notify you of the District's agency action concerning Permit Application No. 130415-21, dated April 15, 2013. This action is taken pursuant to the provisions of Chapter 373, Part II, Florida Statutes (F.S.), Rule 40E-1.603 and Chapter 40E-2, Florida Administrative Code (F.A.C.). Based on the information provided, District rules have been adhered to and a Water Use Permit is in effect for this project subject to:

1. Not receiving a filed request for an administrative hearing pursuant to Section 120.57 and Section 120.569, or request a judicial review pursuant Section 120.68, Florida Statutes.
2. The attached 25 Limiting Conditions.
3. The attached 15 exhibits.

Permittee agrees to hold and save the South Florida Water Management District and its successors harmless from any and all damages, claims or liabilities which may arise by reason of the construction, maintenance or use of activities authorized by this permit. Said application, including all plan and specifications attached thereto, is by reference made a part hereof. Upon written notice to permittee, this permit may be temporarily modified, or restricted under a Declaration of Water Shortage or a Declaration of Emergency due to Water Shortage in accordance with provisions of Chapter 373, Fla. Statutes, and applicable rules and regulations of the South Florida Water Management District. This Permit may be permanently or temporarily revoked, in whole or in part, for the violation of the conditions of the permit or for the violation of any provision of the Water Resources Act and regulations thereunder. This Permit does not convey to the permittee any property rights nor any privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation, or requirement affecting the rights of other bodies or agencies.


Should you object to these conditions, please refer to the attached "Notice of Rights" which addresses the procedures to be followed if you desire a public hearing or other review of the proposed agency action. Should you wish to object to the proposed agency action or file a petition or request, please provide written objections, petitions, requests and/or waivers to:

Juanita Addie, Deputy Clerk, MSC9610
South Florida Water Management District
Post Office Box 24680
West Palm Beach, FL 33416-4680

Please contact this office if you have any questions concerning this matter. If we do not hear from you in accordance with the "Notice of Rights", we will assume that you concur with the District's action.

CERTIFICATION OF SERVICE

I HEREBY CERTIFY that the Staff Report, Conditions and Notice of Rights have been mailed to the Permittee (and the persons listed on the attached staff report distribution list) no later than 5:00 p.m. on this 4th day of February, 2014, in accordance with Section 120.60(3), Florida Statutes, and a copy has been filed and acknowledged with the Deputy District Clerk.

By 
DEPUTY CLERK
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Attachments

LIMITING CONDITIONS

1. This permit shall expire on February 3, 2034.
2. Application for a permit modification may be made at any time.
3. Water use classification:

Public water supply

4. Source classification is:

Ground Water from:
Biscayne Aquifer

5. Annual allocation shall not exceed 2767 MG.

Maximum monthly allocation shall not exceed 244.3914 MG.

6. Pursuant to Rule 40E-1.6105, F.A.C., Notification of Transfer of Interest in Real Property, within 30 days of any transfer of interest or control of the real property at which any permitted facility, system, consumptive use, or activity is located, the permittee must notify the District, in writing, of the transfer giving the name and address of the new owner or person in control and providing a copy of the instrument effectuating the transfer, as set forth in Rule 40E-1.6107, F.A.C.

Pursuant to Rule 40E-1.6107 (4), until transfer is approved by the District, the permittee shall be liable for compliance with the permit. The permittee transferring the permit shall remain liable for all actions that are required as well as all violations of the permit which occurred prior to the transfer of the permit.

Failure to comply with this or any other condition of this permit constitutes a violation and pursuant to Rule 40E-1.609, Suspension, Revocation and Modification of Permits, the District may suspend or revoke the permit.

This Permit is issued to:

City of Tamarac
10101 State Street
Tamarac, FL 33321

7. Withdrawal Facilities:

Ground Water - Existing:

- 1 - 12" X 125' X 830 GPM Well Cased To 105 Feet
- 1 - 12" X 126' X 400 GPM Well Cased To 112 Feet
- 1 - 12" X 112' X 800 GPM Well Cased To 101 Feet
- 1 - 12" X 125' X 800 GPM Well Cased To 111 Feet
- 1 - 12" X 115' X 800 GPM Well Cased To 109 Feet
- 1 - 12" X 115' X 800 GPM Well Cased To 108 Feet
- 1 - 12" X 117' X 800 GPM Well Cased To 102 Feet
- 2 - 12" X 110' X 750 GPM Wells Cased To 100 Feet

- 2 - 12" X 180' X 830 GPM Wells Cased To 105 Feet
- 1 - 12" X 109' X 800 GPM Well Cased To 102 Feet
- 2 - 12" X 160' X 830 GPM Wells Cased To 105 Feet
- 1 - 12" X 125' X 830 GPM Well Cased To 97 Feet
- 1 - 12" X 110' X 800 GPM Well Cased To 101 Feet
- 1 - 12" X 123' X 800 GPM Well Cased To 105 Feet
- 2 - 12" X 120' X 750 GPM Wells Cased To 102 Feet

8. Permittee shall mitigate interference with existing legal uses that was caused in whole or in part by the permittee's withdrawals, consistent with the approved mitigation plan. As necessary to offset the interference, mitigation will include pumpage reduction, replacement of the impacted individual's equipment, relocation of wells, change in withdrawal source, or other means.

Interference to an existing legal use is defined as an impact that occurs under hydrologic conditions equal to or less severe than a 1 in 10 year drought event that results in the:

(A) Inability to withdraw water consistent with provisions of the permit, such as when remedial structural or operational actions not materially authorized by existing permits must be taken to address the interference; or

(B) Change in the quality of water pursuant to primary State Drinking Water Standards to the extent that the water can no longer be used for its authorized purpose, or such change is imminent.

9. Permittee shall mitigate harm to existing off-site land uses caused by the permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the permittee to modify withdrawal rates or mitigate the harm. Harm caused by withdrawals, as determined through reference to the conditions for permit issuance, includes:

(A) Significant reduction in water levels on the property to the extent that the designed function of the water body and related surface water management improvements are damaged, not including aesthetic values. The designed function of a water body is identified in the original permit or other governmental authorization issued for the construction of the water body. In cases where a permit was not required, the designed function shall be determined based on the purpose for the original construction of the water body (e.g. fill for construction, mining, drainage canal, etc.)

(B) Damage to agriculture, including damage resulting from reduction in soil moisture resulting from consumptive use; or

(C) Land collapse or subsidence caused by reduction in water levels associated with consumptive use.

10. Permittee shall mitigate harm to the natural resources caused by the permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the permittee to modify withdrawal rates or mitigate the harm. Harm, as determined through reference to the conditions for permit issuance includes:

(A) Reduction in ground or surface water levels that results in harmful lateral movement of the fresh water/salt water interface,

(B) Reduction in water levels that harm the hydroperiod of wetlands,

(C) Significant reduction in water levels or hydroperiod in a naturally occurring water body such as a lake or pond,

(D) Harmful movement of contaminants in violation of state water quality standards, or

(E) Harm to the natural system including damage to habitat for rare or endangered species.

11. If any condition of the permit is violated, the permit shall be subject to review and possible modification, enforcement action, or revocation.
12. Authorized representatives of the District, with advance notice to the permittee, shall be permitted to enter, inspect, and observe the permitted system to determine compliance with permit conditions.
13. The Permittee is advised that this permit does not relieve any person from the requirement to obtain all necessary federal, state, local and special district authorizations.
14. The permit does not convey any property right to the Permittee, nor any rights and privileges other than those specified in the Permit and Chapter 40E-2, Florida Administrative Code.
15. Permittee shall submit all data as required by the implementation schedule for each of the limiting conditions to: SFWMD, Regulatory Support Bureau, P.O. Box 24680, West Palm Beach, FL 33416-4680.
16. In the event of a declared water shortage, water withdrawal reductions will be ordered by the District in accordance with the Water Shortage Plan, Chapter 40E-21, F.A.C. The Permittee is advised that during a water shortage, pumpage reports shall be submitted as required by Chapter 40E-21, F.A.C.
17. Prior to the use of any proposed water withdrawal facility authorized under this permit, unless otherwise specified, the Permittee shall equip each facility with a District-approved operating water use accounting system and submit a report of calibration to the District, pursuant to Section 4.1, Basis of Review for Water Use Permit Applications.

In addition, the Permittee shall submit a report of recalibration for the water use accounting system for each water withdrawal facility (existing and proposed) authorized under this permit every five years from each previous calibration, continuing at five-year increments.
18. Monthly withdrawals for each withdrawal facility shall be submitted to the District quarterly. The water accounting method and means of calibration shall be stated on each report.
19. The Permittee shall notify the District within 30 days of any change in service area boundary. If the Permittee will not serve a new demand within the service area for which the annual allocation was calculated, the annual allocation may then be subject to modification and reduction.
20. Permittee shall determine unaccounted-for distribution system losses. Losses shall be determined for the entire distribution system on a monthly basis. Permittee shall define the manner in which unaccounted-for losses are calculated. Data collection shall begin within six months of Permit issuance. Loss reporting shall be submitted to the District on a yearly basis from the date of Permit issuance.
21. Permittee shall maintain an accurate flow meter at the intake of the water treatment plant for the purpose of measuring daily inflow of water.

22. Every ten years from the date of permit issuance, the permittee shall submit a water use compliance report for review and approval by District Staff, which addresses the following:
- (A) The results of a water conservation audit that documents the efficiency of water use on the project site using data produced from an onsite evaluation conducted. In the event that the audit indicates additional water conservation is appropriate or the per capita use rate authorized in the permit is exceeded, the permittee shall propose and implement specific actions to reduce the water use to acceptable levels within timeframes proposed by the permittee and approved by the District.
- (B) A comparison of the permitted allocation and the allocation that would apply to the project based on current District allocation rules and updated population and per capita use rates. In the event the permit allocation is greater than the allocation provided for under District rule, the permittee shall apply for a letter modification to reduce the allocation consistent with District rules and the updated population and per capita use rates to the extent they are considered by the District to be indicative of long term trends in the population and per capita use rates over the permit duration. In the event that the permit allocation is less than allowable under District rule, the permittee shall apply for a modification of the permit to increase the allocation if the permittee intends to utilize an additional allocation, or modify its operation to comply with the existing conditions of the permit.
23. The Permittee shall notify the District within 30 days of entry into an inter-local agreement, contract, or other similar instrument to deliver or receive water outside of its service area or to serve a demand not identified to determine the allocation described in this permit. A copy of such agreement shall be provided to the District. The monthly volume of water delivered and/or received via each inter-local agreement, contract, or other similar instrument shall be submitted to the District on a quarterly basis.
24. The Water Conservation Plan required by Section 2.6.1 of the Basis of Review for Water Use Permit Applications within the South Florida Water Management District, must be implemented in accordance with the approved implementation schedule.
25. If at any time there is an indication that the well casing, valves, or controls leak or have become inoperative, repairs or replacement shall be made to restore the system to an operating condition. Failure to make such repairs shall be cause for filling and abandoning the well, in accordance with procedures outlined in Chapter 40E-3, Florida Administrative Code.

NOTICE OF RIGHTS

As required by Sections 120.569(1), and 120.60(3), Fla. Stat., following is notice of the opportunities which may be available for administrative hearing or judicial review when the substantial interests of a party are determined by an agency. Please note that this Notice of Rights is not intended to provide legal advice. Not all the legal proceedings detailed below may be an applicable or appropriate remedy. You may wish to consult an attorney regarding your legal rights.

RIGHT TO REQUEST ADMINISTRATIVE HEARING

A person whose substantial interests are or may be affected by the South Florida Water Management District's (SFWMD or District) action has the right to request an administrative hearing on that action pursuant to Sections 120.569 and 120.57, Fla. Stat. Persons seeking a hearing on a District decision which does or may determine their substantial interests shall file a petition for hearing with the District Clerk within 21 days of receipt of written notice of the decision, unless one of the following shorter time periods apply: 1) within 14 days of the notice of consolidated intent to grant or deny concurrently reviewed applications for environmental resource permits and use of sovereign submerged lands pursuant to Section 373.427, Fla. Stat.; or 2) within 14 days of service of an Administrative Order pursuant to Subsection 373.119(1), Fla. Stat. "Receipt of written notice of agency decision" means receipt of either written notice through mail, or electronic mail, or posting that the District has or intends to take final agency action, or publication of notice that the District has or intends to take final agency action. Any person who receives written notice of a SFWMD decision and fails to file a written request for hearing within the timeframe described above waives the right to request a hearing on that decision.

Filing Instructions

The Petition must be filed with the Office of the District Clerk of the SFWMD. Filings with the District Clerk may be made by mail, hand-delivery or facsimile. **Filings by e-mail will not be accepted.** Any person wishing to receive a clerked copy with the date and time stamped must provide an additional copy. A petition for administrative hearing is deemed filed upon receipt during normal business hours by the District Clerk at SFWMD headquarters in West Palm Beach, Florida. Any document received by the office of the SFWMD Clerk after 5:00 p.m. shall be filed as of 8:00 a.m. on the next regular business day. Additional filing instructions are as follows:

- Filings by mail must be addressed to the Office of the SFWMD Clerk, P.O. Box 24680, West Palm Beach, Florida 33416.
- Filings by hand-delivery must be delivered to the Office of the SFWMD Clerk. **Delivery of a petition to the SFWMD's security desk does not constitute filing. To ensure proper filing, it will be necessary to request the SFWMD's security officer to contact the Clerk's office.** An employee of the SFWMD's Clerk's office will receive and file the petition.
- Filings by facsimile must be transmitted to the SFWMD Clerk's Office at (561) 682-6010. Pursuant to Subsections 28-106.104(7), (8) and (9), Fla. Admin. Code, a party who files a document by facsimile represents that the original physically signed document will be retained by that party for the duration of that proceeding and of any subsequent appeal or subsequent proceeding in that cause. Any party who elects to file any document by facsimile shall be responsible for any delay, disruption, or interruption of the electronic signals and accepts the full risk that the document may not be properly filed with the clerk as a result. The filing date for a document filed by facsimile shall be the date the SFWMD Clerk receives the complete document.

Initiation of an Administrative Hearing

Pursuant to Rules 28-106.201 and 28-106.301, Fla. Admin. Code, initiation of an administrative hearing shall be made by written petition to the SFWMD in legible form and on 8 and 1/2 by 11 inch white paper. All petitions shall contain:

1. Identification of the action being contested, including the permit number, application number, District file number or any other SFWMD identification number, if known.
2. The name, address and telephone number of the petitioner and petitioner's representative, if any.
3. An explanation of how the petitioner's substantial interests will be affected by the agency determination.
4. A statement of when and how the petitioner received notice of the SFWMD's decision.
5. A statement of all disputed issues of material fact. If there are none, the petition must so indicate.
6. A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the SFWMD's proposed action.
7. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the SFWMD's proposed action.
8. If disputed issues of material fact exist, the statement must also include an explanation of how the alleged facts relate to the specific rules or statutes.
9. A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the SFWMD to take with respect to the SFWMD's proposed action.

A person may file a request for an extension of time for filing a petition. The SFWMD may, for good cause, grant the request. Requests for extension of time must be filed with the SFWMD prior to the deadline for filing a petition for hearing. Such requests for extension shall contain a certificate that the moving party has consulted with all other parties concerning the extension and that the SFWMD and any other parties agree to or oppose the extension. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

If the District takes action with substantially different impacts on water resources from the notice of intended agency decision, the persons who may be substantially affected shall have an additional point of entry pursuant to Rule 28-106.111, Fla. Admin. Code, unless otherwise provided by law.

Mediation

The procedures for pursuing mediation are set forth in Section 120.573, Fla. Stat., and Rules 28-106.111 and 28-106.401-.405, Fla. Admin. Code. The SFWMD is not proposing mediation for this agency action under Section 120.573, Fla. Stat., at this time.

RIGHT TO SEEK JUDICIAL REVIEW

Pursuant to Sections 120.60(3) and 120.68, Fla. Stat., a party who is adversely affected by final SFWMD action may seek judicial review of the SFWMD's final decision by filing a notice of appeal pursuant to Florida Rule of Appellate Procedure 9.110 in the Fourth District Court of Appeal or in the appellate district where a party resides and filing a second copy of the notice with the SFWMD Clerk within 30 days of rendering of the final SFWMD action.

Last Date for Agency Action:
February 11, 2014

WATER USE STAFF REPORT

Application Number: 130415-21

Permit Number: 06-00071-W

Project Name: CITY OF TAMARAC

Water Use Permit Status: MODIFICATION/RENEWAL

Location: BROWARD COUNTY, S9,10/T49S/R41E

Applicant's Name and Address: CITY OF TAMARAC
10101 STATE ST
TAMARAC, FL 33321

Water Use Classification: Public Water Supply

Sources: Ground Water from: Biscayne Aquifer

Authorized Allocation:

| | | |
|-----------------------------|-------|----------------------|
| Annual Allocation: | 2,767 | Million Gallons (MG) |
| Maximum Monthly Allocation: | 244.4 | Million Gallons (MG) |

Existing Withdrawal Facilities - Ground Water

Source: Biscayne Aquifer

2 - 12" X 110' X 750 GPM Wells Cased to 100 Feet
1 - 12" X 125' X 800 GPM Well Cased to 111 Feet
1 - 12" X 112' X 800 GPM Well Cased to 101 Feet
1 - 12" X 117' X 800 GPM Well Cased to 102 Feet
1 - 12" X 109' X 800 GPM Well Cased to 102 Feet
1 - 12" X 125' X 830 GPM Well Cased to 97 Feet
1 - 12" X 115' X 800 GPM Well Cased to 108 Feet
2 - 12" X 180' X 830 GPM Wells Cased to 105 Feet
1 - 12" X 110' X 800 GPM Well Cased to 101 Feet
1 - 12" X 125' X 830 GPM Well Cased to 105 Feet
1 - 12" X 115' X 800 GPM Well Cased to 109 Feet
2 - 12" X 160' X 830 GPM Wells Cased to 105 Feet
2 - 12" X 120' X 750 GPM Wells Cased to 102 Feet
1 - 12" X 126' X 400 GPM Well Cased to 112 Feet
1 - 12" X 123' X 800 GPM Well Cased to 105 Feet

Rated Capacity

| <u>Source</u> | <u>Status Code</u> | <u>GPM</u> | <u>MGM</u> | <u>MGY</u> |
|------------------|--------------------|---------------|--------------|--------------|
| Biscayne Aquifer | E | 14,780 | 647.0 | 7,768 |
| Totals: | | 14,780 | 647.0 | 7,768 |

**FINAL APPROVED BY
EXECUTIVE DIRECTOR
FEBRUARY 3, 2014**

PURPOSE

The purpose of this application is to renew and modify Water Use Permit 06-00071-W for public water supply for the City of Tamarac to serve 68,929 persons in the year 2033 with an average per capita use rate of 110 gallons per day and a maximum monthly to average monthly pumping ratio 1.07 to 1. Withdrawals are from the Biscayne aquifer via 19 existing withdrawal facilities.

PROJECT DESCRIPTION

The City of Tamarac (Project or Tamarac), located in northeastern Broward County, is requesting to renew and modify Water Use Permit 06-00071-W for public water supply to serve the western portion of the City of Tamarac. The utility pumps groundwater from the Biscayne aquifer via 19 existing withdrawal facilities: 18 primary wells and 1 standby well (Well 1). The Project location, facility locations, service area and facility specifications are shown in Exhibits 1 through 5. Tamarac is requesting an increase in their allocations with this application.

Tamarac operates one water treatment plant with 16 dedicated raw water supply wells and three remote well sites that pump raw water to the water treatment plant. There are several finished water storage facilities located throughout the distribution system including a 1.0 million gallon (MG) storage tank at the water treatment plant that provide a combined total storage capacity of 4.0 MG. The main water treatment process consists of initial lime softening, sand filtration, and chemical feed systems for lime, polymer, chloride, and fluoride treatments. The permitted capacity of Tamarac's water treatment plant is 20 million gallons per day (MGD). The treatment system efficiency losses average 6.04% as shown in Exhibit 6. Tamarac maintains 11 active interconnections with Broward County, City of Fort Lauderdale, City of North Lauderdale and the City of Coral Springs as shown in Exhibit 7. The City of Tamarac is divided into two service areas: eastern Tamarac has 1,115 customer meters and is serviced by the City of Fort Lauderdale; western Tamarac has 17,596 customer meters and is serviced by this water use permit.

Wellfield Operation:

The Tamarac wellfield operates six wells at a time for a week and then switches to another set of six wells the following week. Each rotation pumps six wells that are scattered at different locations across the wellfield. The typical rotations are: Rotation #1 pumps wells 2, 4, 7, 11, 13, and 19; Rotation #2 pumps wells 3, 5, 9, 10, 14, and 17; and Rotation #3 pumps wells 6, 8, 12, 15, 16 and 18. Well 1 is kept as a standby well.

Permit History:

Public water supply Water Use Permit 06-00071-W was originally issued to the City of Tamarac on June 10, 1976 for 18.7 MGD and 3,831 million gallons per year (MGY) to supply water to all of Tamarac and parts of Fort Lauderdale. The permit was renewed in 1986 for 6.9 MGD to serve Tamarac only. The permit was modified in 1989 for the eastern service area of Tamarac to be serviced by Fort Lauderdale. The permit was renewed every five years thereafter and in 2004, Tamarac was issued a 20-year water use permit for 2,754 MGY (7.5 MGD) until February 2009, reducing to 2,625 MGY (7.2 MGD) for the remainder of the permit duration.

PROJECTED WATER USE DEMANDS

The annual and maximum month allocations for public water supply utilities are calculated as described in Section 2.6 of the Basis of Review (BOR) for Water Use Applications within the South Florida Water Management District (District). The annual allocation, 2,767.50 MGY, is based on a raw water per capita daily water use of 110 gallons per capita day (gpcd), based on the last five years pursuant to Section 2.6.3 of the BOR and a population of 68,929 in 2033, as shown in Exhibit 8. The maximum month allocation, 244.39 million gallons per month (MGM), is based on the average of the peaking ratios of the last five years of record (as opposed to the last three years of record) to reflect the recent years of extreme rainfall (Exhibit 8).

HYDROLOGIC MODELING

Theis non-equilibrium flow

In order to determine the potential impacts the withdrawals might have on the source, existing legal users, sensitive environmental features and pollution sources, a drawdown impact analysis was performed using the Theis analytical solution for groundwater flow. The modeling data are consistent with the criteria for basic analytical impact assessments set forth in Section 1.7.5.2 of the BOR. Specific capacity well testing results from the Tamarac wellfield were used to estimate transmissivity (United States Geological Society (USGS) Water-Resources Investigation Report 87-4034). This report indicates a transmissivity range of 75,000 to 150,000 feet squared per day for the Biscayne aquifer in the area of this wellfield. A transmissivity value of 595,000 gallons per day per foot (79,500 feet squared per day) was used for groundwater modeling for this Project renewal and has previously been used for impact assessments since 1998. The purpose of the analysis was to simulate withdrawal of the maximum monthly allocation during a 1-in-10 year drought scenario. Withdrawal of the recommended allocation from the wells was simulated for 90 days with no recharge. Modeling data and drawdown contours, relative to a reference head elevation of 0.0 feet, are appended in Exhibits 9 through 11.

The Permittee submitted hydrologic modeling showing the difference between pumping 6.89 MGD (the Permittee's current base condition) and 7.77 MGD (Exhibit 10); and between pumping 6.89 MGD and the estimated maximum month allocation of 8.47 MGD (Exhibit 11). These modeled withdrawals are slightly higher than the recommended allocations in this permit application: an average day allocation of 7.58 MGD and a maximum month of 8.04 MGD. The potential cumulative withdrawals of all other permitted users of the Biscayne aquifer within the 0.1-foot drawdown contour, including Tamarac, is 86.09 MGY (0.24 MGD). This cumulative impact was not modeled because the maximum month model of 8.47 MGD (Exhibit 11) evaluates a greater monthly withdrawal than all of the cumulative users.

IMPACT ASSESSMENTS

Water Resource Availability

Biscayne Aquifer-Tamarac wellfield

The land surface elevation at the Tamarac wellfield is 10 feet National Geodetic Vertical Datum (NGVD). According to District technical publication DRE-314, the base of the surficial aquifer system, which contains the Biscayne aquifer occurs around -160 feet NGVD beneath the Project. The end of dry season water level in the Biscayne aquifer in the vicinity of the Project, based on data from United States Geological Survey monitor well G-2033, is five feet NGVD. The results of the hydrologic modeling showed a maximum drawdown of 2 feet based on the withdrawal of the recommended allocation leaving a saturated thickness of approximately 163 feet. Therefore, the potential for harm to occur to water resource availability as a result of the withdrawal of the recommended allocation is considered minimal.

Existing Legal Users

Biscayne Aquifer-Tamarac wellfield

The nearest existing legal users to Tamarac's wellfield are Washington Mutual Bank (Water Use Permit 06-04229-W) that uses a Biscayne aquifer well to irrigate 0.54 acres; and Mainlands 13 (Water Use Permit 06-04951-W) that uses on-site lakes adjacent to the wellfield to irrigate 12 acres (Exhibits 3 and 12). These existing users have facilities located within 100 feet of Tamarac's wells. These existing users have been using water since at least 2006. Hydrologic modeling results indicate that an additional 0.5 foot of drawdown will occur at these users' withdrawal facilities as a result of the Project's proposed withdrawals. Therefore, the potential for harm occur to existing legal users as a result of the withdrawal of the recommended increase in allocation is considered minimal.

IMPACT ASSESSMENTS (CONTINUED)

Saline Water Intrusion

Biscayne Aquifer-Tamarac wellfield

The nearest source of surface saline water is downstream of Water Control Structure S-36 on the C-13 Canal located approximately 4.7 miles to the southeast (Exhibit 2). The Project is underlain by the Biscayne aquifer, which is not known to contain connate saline water in this area. The Biscayne aquifer is separated from deeper sources of saline water in the Floridan aquifer system by approximately 300 feet of confining sediments. Due to the large distances separating the saline water sources from the Project site, the potential for saline water intrusion or upconing to occur as a result of the withdrawal of the recommended allocation is considered minimal.

Wetlands

Biscayne Aquifer-Tamarac wellfield

There are no state jurisdictional wetlands or other surface waters located within the wellfield's area of influence which requires preservation, elimination or reduction of harm, or mitigation. Therefore, there is no potential for harm to occur to wetlands and other surface waters as a result of the authorized withdrawal of the recommended allocation.

Source Of Pollution

Biscayne Aquifer-Tamarac wellfield

The City of Tamarac wellfield is protected under the Broward County Wellfield Protection Ordinance #84-60 and the City of Tamarac Wellfield Protection Ordinances 92-2 and 2001-10, which create protection zones and a 1,000 feet radius buffer for each water supply well. The nearest known potential source of contamination is 7-Eleven #32881, a petroleum contaminated site (Florida Department of Environmental Protection ID 9803070), located approximately 2,000 feet south of the existing wellfield. Modeling indicates 0.5 foot of additional drawdown at this site. There are hydraulic barriers (lakes) located between this pollution site and the wellfield (Exhibits 3 and 12). The model used was conservative, simulates withdrawals from the deeper production zone and did not consider the shallow hydraulic barriers. Therefore, the potential for movement of contaminants, if present, from known pollution sources as a result of the withdrawal of the recommended allocation is considered minimal.

Other Impacts

Biscayne Aquifer-Tamarac wellfield

Land uses that are dependent upon water being on or near land surface and that existed prior to this application are protected from harm. The Permittee's parcel is surrounded by residential and commercial properties that also withdraw from the Biscayne aquifer. Additional drawdown at the nearest surface water lake is predicted to be 0.5 foot. No problems have been reported due to pumping from the Tamarac wells since their installation in 1976. Pursuant to Section 3.6.2 of the BOR, the use is not expected to result in significant reduction in water levels on the property of an existing offsite land use to the extent that the designed function of a water body and related surface water management improvements are damaged (not including aesthetic values), damage to agriculture, including damage resulting from reduction in soil moisture resulting from water use, or land collapse or subsidence caused by reduction in water levels associated with water use.

ADDITIONAL INFORMATION

REGIONAL ISSUES

Biscayne Aquifer Minimum Flow and Levels:

The withdrawal source for this project is the Biscayne aquifer. The Biscayne Aquifer is a minimum flows and levels (MFL) water body covered under a prevention strategy set forth in Chapter 40E-8, Florida Administrative Code. The Biscayne Aquifer MFL is defined as the water level, which results in movement

ADDITIONAL INFORMATION (CONTINUED)

of the saltwater interface landward to the extent the water quality of an established withdrawal point is insufficient to serve as a water supply source. As discussed in the saline water intrusion section of this staff report, this Project is not expected to affect landward movement of the saltwater interface. Therefore, the recommended allocation is consistent with the Biscayne Aquifer MFL Prevention Plan.

Withdrawals Within the Lower East Coast Service Area:

The Project is an existing, permitted project that existed on and prior to April 1, 2006. The Project's base condition water use, consistent with actual historic usage determined in accordance with Section 2.4 of the BOR is 6.89 MGD. The nearest Lower East Coast Everglades Waterbody is the C-14 (Cypress Creek) Canal, located 2 miles north of the Project. The area of influence of the modeled increased withdrawals does not extend to this canal and therefore does not cause a net increase in the volume or cause a change in timing on a monthly basis of water from the C-14 Canal over the base condition water use that existed as of April 1, 2006.

PROJECT SITE ISSUES

Legal Control and Land Use:

The property where the wells are located either is owned by the City of Tamarac or Tamarac has an easement agreement for the well sites. The water allocation requested for public water supply is compatible with the public and private land use categories at these sites (Section 2.1 of the BOR). Additionally, the wells are protected by Broward County and City of Tamarac wellfield protection ordinances.

Water Conservation Plan:

The City of Tamarac Water Conservation Plan is summarized and included as Exhibit 13. Water loss for the past ten years is shown in Exhibit 6.

Water Use Accounting:

Pursuant to Limiting Condition 17, the Permittee shall submit a report of recalibration for the water use accounting system for each water withdrawal facility authorized under this permit every five years from each previous calibration (October 18, 2012), continuing at five-year increments.

Pursuant to Limiting Condition 18, monthly withdrawals for each withdrawal facility shall be submitted to the District quarterly.

Permit Reporting Requirements:

Pursuant to Limiting Condition 20, Permittee shall determine unaccounted-for system losses and submit results to the District on a yearly basis.

Pursuant to Limiting Condition 22, every 10 years from the date of this permit issuance, the Permittee shall submit a water use compliance report for review and approval by District Staff.

Permit Duration:

Pursuant to Section 1.7.2.2 C of the BOR, the Biscayne aquifer is a source of limited availability to the extent that the withdrawals result in induced seepage from the Central and Southern Florida Project. Project withdrawals do not induce seepage from the Central and Southern Florida Project. Therefore, Staff recommends a water use permit duration of 20 years.

ENVIRONMENTAL RESOURCE PERMIT STATUS:

Not Applicable.

RIGHT OF WAY PERMIT STATUS:

Not Applicable

RECOMMENDATIONS

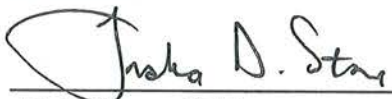
Project Name: CITY OF TAMARAC
Application Number: 130415-21
Permit Number: 06-00071-W


RECOMMENDATION TO EXECUTIVE DIRECTOR

Authorizing: The continued use of groundwater from the Biscayne aquifer for public water supply for the western portion of the City of Tamarac serving 68,929 persons in the year 2033 with an average per capita use rate of 110 gallons per day and a maximum monthly to average monthly pumping ratio of 1.07 to 1 with an annual allocation of 2,767.50 million gallons.

STAFF EVALUATION

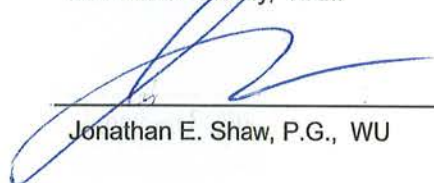
REVIEWER


Trisha Stone, NRM



Lindy Cerar, P.G., WU

SUPERVISOR


Barbara J. Conmy, NRM


Jonathan E. Shaw, P.G., WU

CONSULTING HYDROGEOLOGIST:


Simon Sunderland, P.G.

Date: January 23, 2014

WATER USE BUREAU CHIEF:


Maria C. Clemente, P.E.

Date: 1/28/14

Limiting Conditions

1. This permit shall expire on February 3, 2034.
2. Application for a permit modification may be made at any time.
3. Water use classification:

Public water supply

4. Source classification is:

Ground Water from:
Biscayne Aquifer

5. Annual allocation shall not exceed 2767 MG.

Maximum monthly allocation shall not exceed 244.3914 MG.

6. Pursuant to Rule 40E-1.6105, F.A.C., Notification of Transfer of Interest in Real Property, within 30 days of any transfer of interest or control of the real property at which any permitted facility, system, consumptive use, or activity is located, the permittee must notify the District, in writing, of the transfer giving the name and address of the new owner or person in control and providing a copy of the instrument effectuating the transfer, as set forth in Rule 40E-1.6107, F.A.C.

Pursuant to Rule 40E-1.6107 (4), until transfer is approved by the District, the permittee shall be liable for compliance with the permit. The permittee transferring the permit shall remain liable for all actions that are required as well as all violations of the permit which occurred prior to the transfer of the permit.

Failure to comply with this or any other condition of this permit constitutes a violation and pursuant to Rule 40E-1.609, Suspension, Revocation and Modification of Permits, the District may suspend or revoke the permit.

This Permit is issued to:

City of Tamarac
10101 State Street
Tamarac, FL 33321

7. Withdrawal Facilities:

Ground Water - Existing:

- 1 - 12" X 125' X 830 GPM Well Cased To 105 Feet
- 1 - 12" X 126' X 400 GPM Well Cased To 112 Feet
- 1 - 12" X 112' X 800 GPM Well Cased To 101 Feet
- 1 - 12" X 125' X 800 GPM Well Cased To 111 Feet
- 1 - 12" X 115' X 800 GPM Well Cased To 109 Feet
- 1 - 12" X 115' X 800 GPM Well Cased To 108 Feet

Limiting Conditions

- 1 - 12" X 117' X 800 GPM Well Cased To 102 Feet
- 2 - 12" X 110' X 750 GPM Wells Cased To 100 Feet
- 2 - 12" X 180' X 830 GPM Wells Cased To 105 Feet
- 1 - 12" X 109' X 800 GPM Well Cased To 102 Feet
- 2 - 12" X 160' X 830 GPM Wells Cased To 105 Feet
- 1 - 12" X 125' X 830 GPM Well Cased To 97 Feet
- 1 - 12" X 110' X 800 GPM Well Cased To 101 Feet
- 1 - 12" X 123' X 800 GPM Well Cased To 105 Feet
- 2 - 12" X 120' X 750 GPM Wells Cased To 102 Feet

8. Permittee shall mitigate interference with existing legal uses that was caused in whole or in part by the permittee's withdrawals, consistent with the approved mitigation plan. As necessary to offset the interference, mitigation will include pumpage reduction, replacement of the impacted individual's equipment, relocation of wells, change in withdrawal source, or other means.

Interference to an existing legal use is defined as an impact that occurs under hydrologic conditions equal to or less severe than a 1 in 10 year drought event that results in the:

(A) Inability to withdraw water consistent with provisions of the permit, such as when remedial structural or operational actions not materially authorized by existing permits must be taken to address the interference; or

(B) Change in the quality of water pursuant to primary State Drinking Water Standards to the extent that the water can no longer be used for its authorized purpose, or such change is imminent.

9. Permittee shall mitigate harm to existing off-site land uses caused by the permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the permittee to modify withdrawal rates or mitigate the harm. Harm caused by withdrawals, as determined through reference to the conditions for permit issuance, includes:

(A) Significant reduction in water levels on the property to the extent that the designed function of the water body and related surface water management improvements are damaged, not including aesthetic values. The designed function of a water body is identified in the original permit or other governmental authorization issued for the construction of the water body. In cases where a permit was not required, the designed function shall be determined based on the purpose for the original construction of the water body (e.g. fill for construction, mining, drainage canal, etc.)

(B) Damage to agriculture, including damage resulting from reduction in soil moisture resulting from consumptive use; or

(C) Land collapse or subsidence caused by reduction in water levels associated with consumptive use.

10. Permittee shall mitigate harm to the natural resources caused by the permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the permittee to modify withdrawal rates or mitigate the harm. Harm, as determined through reference to the conditions for permit issuance includes:

Limiting Conditions

- (A) Reduction in ground or surface water levels that results in harmful lateral movement of the fresh water/salt water interface,
 - (B) Reduction in water levels that harm the hydroperiod of wetlands,
 - (C) Significant reduction in water levels or hydroperiod in a naturally occurring water body such as a lake or pond,
 - (D) Harmful movement of contaminants in violation of state water quality standards, or
 - (E) Harm to the natural system including damage to habitat for rare or endangered species.
11. If any condition of the permit is violated, the permit shall be subject to review and possible modification, enforcement action, or revocation.
 12. Authorized representatives of the District, with advance notice to the permittee, shall be permitted to enter, inspect, and observe the permitted system to determine compliance with permit conditions.
 13. The Permittee is advised that this permit does not relieve any person from the requirement to obtain all necessary federal, state, local and special district authorizations.
 14. The permit does not convey any property right to the Permittee, nor any rights and privileges other than those specified in the Permit and Chapter 40E-2, Florida Administrative Code.
 15. Permittee shall submit all data as required by the implementation schedule for each of the limiting conditions to: SFWMD, Regulatory Support Bureau, P.O. Box 24680, West Palm Beach, FL 33416-4680.
 16. In the event of a declared water shortage, water withdrawal reductions will be ordered by the District in accordance with the Water Shortage Plan, Chapter 40E-21, F.A.C. The Permittee is advised that during a water shortage, pumpage reports shall be submitted as required by Chapter 40E-21, F.A.C.
 17. Prior to the use of any proposed water withdrawal facility authorized under this permit, unless otherwise specified, the Permittee shall equip each facility with a District-approved operating water use accounting system and submit a report of calibration to the District, pursuant to Section 4.1, Basis of Review for Water Use Permit Applications.

In addition, the Permittee shall submit a report of recalibration for the water use accounting system for each water withdrawal facility (existing and proposed) authorized under this permit every five years from each previous calibration, continuing at five-year increments.
 18. Monthly withdrawals for each withdrawal facility shall be submitted to the District quarterly. The water accounting method and means of calibration shall be stated on each report.
 19. The Permittee shall notify the District within 30 days of any change in service area boundary. If the Permittee will not serve a new demand within the service area for which the annual allocation was

Limiting Conditions

calculated, the annual allocation may then be subject to modification and reduction.

20. Permittee shall determine unaccounted-for distribution system losses. Losses shall be determined for the entire distribution system on a monthly basis. Permittee shall define the manner in which unaccounted-for losses are calculated. Data collection shall begin within six months of Permit issuance. Loss reporting shall be submitted to the District on a yearly basis from the date of Permit issuance.
21. Permittee shall maintain an accurate flow meter at the intake of the water treatment plant for the purpose of measuring daily inflow of water.
22. Every ten years from the date of permit issuance, the permittee shall submit a water use compliance report for review and approval by District Staff, which addresses the following:
 - (A) The results of a water conservation audit that documents the efficiency of water use on the project site using data produced from an onsite evaluation conducted. In the event that the audit indicates additional water conservation is appropriate or the per capita use rate authorized in the permit is exceeded, the permittee shall propose and implement specific actions to reduce the water use to acceptable levels within timeframes proposed by the permittee and approved by the District.
 - (B) A comparison of the permitted allocation and the allocation that would apply to the project based on current District allocation rules and updated population and per capita use rates. In the event the permit allocation is greater than the allocation provided for under District rule, the permittee shall apply for a letter modification to reduce the allocation consistent with District rules and the updated population and per capita use rates to the extent they are considered by the District to be indicative of long term trends in the population and per capita use rates over the permit duration. In the event that the permit allocation is less than allowable under District rule, the permittee shall apply for a modification of the permit to increase the allocation if the permittee intends to utilize an additional allocation, or modify its operation to comply with the existing conditions of the permit.
23. The Permittee shall notify the District within 30 days of entry into an inter-local agreement, contract, or other similar instrument to deliver or receive water outside of its service area or to serve a demand not identified to determine the allocation described in this permit. A copy of such agreement shall be provided to the District. The monthly volume of water delivered and/or received via each inter-local agreement, contract, or other similar instrument shall be submitted to the District on a quarterly basis.
24. The Water Conservation Plan required by Section 2.6.1 of the Basis of Review for Water Use Permit Applications within the South Florida Water Management District, must be implemented in accordance with the approved implementation schedule.
25. If at any time there is an indication that the well casing, valves, or controls leak or have become inoperative, repairs or replacement shall be made to restore the system to an operating condition. Failure to make such repairs shall be cause for filling and abandoning the well, in accordance with procedures outlined in Chapter 40E-3, Florida Administrative Code.



BROWARD COUNTY, FLORIDA

Application No: 130415-21

Permit No: 06-00071-W

Sec 9,10 / Twp 49 / Rge 41

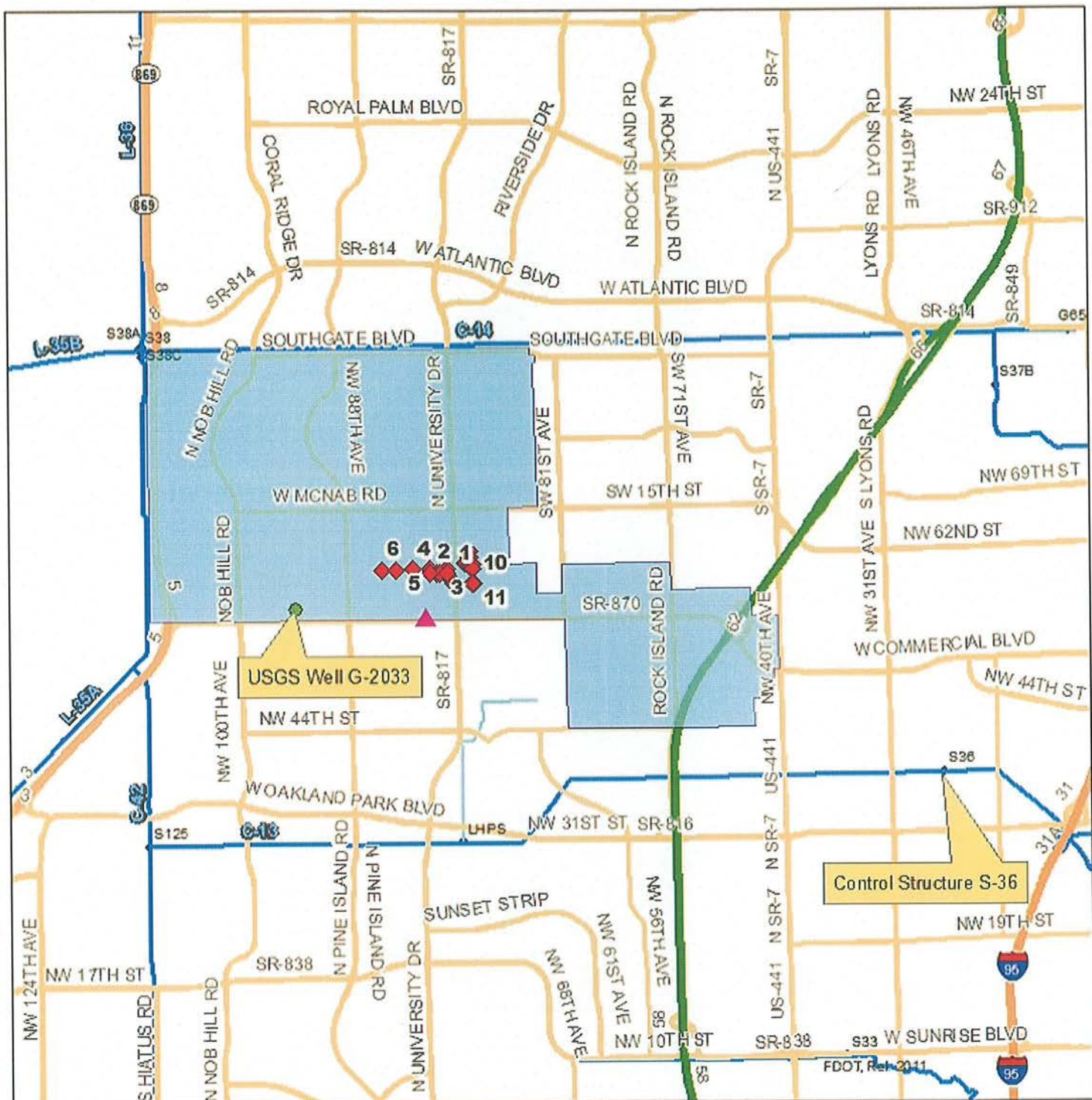
Project Name: CITY OF TAMARAC



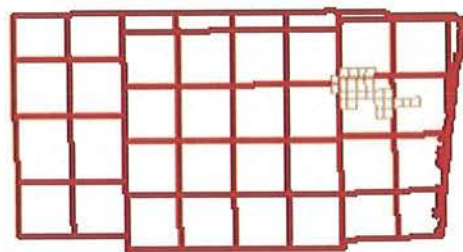
Map Date: 2013-12-23



Exhibit No: 1



BROWARD COUNTY, FLORIDA



Legend

Application

USGS Well G-2033

18 Tamarac Well Locations

Petroleum Pollution Site

Project Name: CITY OF TAMARAC

Map Date: 2013-12-23

Permit No: 06-00071-W

Application No: 130415-21

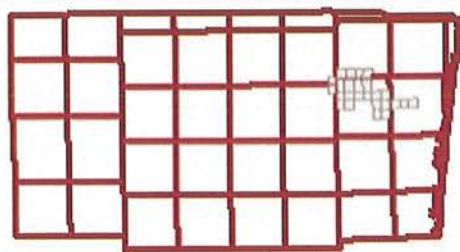
Sec 9,10 / Twp 49 / Rge 41

0 2.5 5 Miles

Exhibit No: 2



BROWARD COUNTY, FLORIDA



Legend

Application

USGS Well G-2033

18 Tamarac Well Locations

Petroleum Pollution Site

Project Name: CITY OF TAMARAC

Map Date: 2013-12-23

Permit No: 06-00071-W

Application No: 130415-21

Sec 9,10 / Twp 49 / Rge 41

0 0.275 0.55 Miles

Exhibit No: 3



Scale : NTS

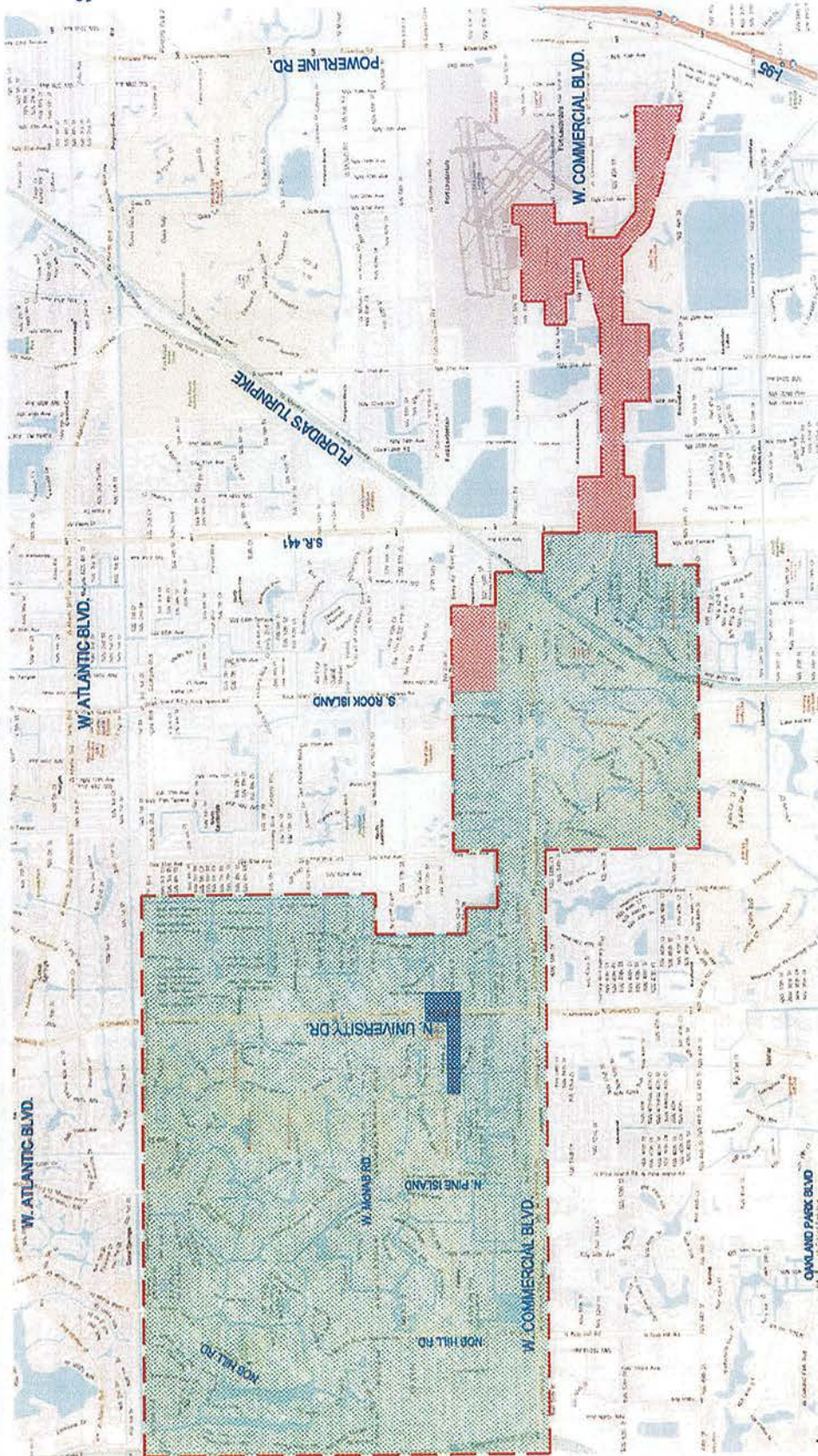


Figure 2
City of Tamarac
Utility Service Area
Site Map



ECKLER ENGINEERING, INC.

TABLE - A
Description Of Wells.

Application Number: 130415-21

| | | | | | | |
|-----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Well ID | 29559 | 29560 | 29561 | 29562 | 29563 | 29564 |
| Name | 1 | 2 | 3 | 4 | 5 | 6 |
| Map Designator | 1 | 2 | 3 | 4 | 5 | 6 |
| FLUWID Number | | | | | | |
| Well Field | | | | | | |
| Existing/Proposed | E | E | E | E | E | E |
| Well Diameter(Inches) | 12 | 12 | 12 | 12 | 12 | 12 |
| Total Depth(feet) | 126 | 112 | 115 | 110 | 117 | 109 |
| Cased Depth(feet) | 112 | 101 | 109 | 101 | 102 | 102 |
| Facility Elev. (ft. NGVD) | | | | | | |
| Screened Interval | | | | | | |
| From | 0 | 0 | 0 | 0 | 0 | 0 |
| To | 0 | 0 | 0 | 0 | 0 | 0 |
| Pumped Or Flowing | P | P | P | P | P | P |
| Pump Type | Turbine | Turbine | Turbine | Turbine | Turbine | Turbine |
| Pump Int. Elev. Feet (NGVD) | | | | | | |
| Feet (BLS) | 92 | 60 | 60 | 60 | 60 | 60 |
| Pump Capacity(GPM) | 400 | 800 | 800 | 800 | 800 | 800 |
| Year Drilled | 1969 | 1969 | 1970 | 1971 | 1971 | 1971 |
| Planar Location | | | | | | |
| Source | Migrate | Migrate | Migrate | Migrate | Migrate | Migrate |
| Feet East | 900970 | 900120 | 900580 | 899310 | 898470 | 897750 |
| Feet North | 679050 | 679080 | 679050 | 679240 | 679210 | 679200 |
| Accounting Method | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter |
| Use Status | Standby | Primary | Primary | Primary | Primary | Primary |
| Water Use Type | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply |
| Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer |

TABLE - A
Description Of Wells.

Application Number: 130415-21

| | | | | | | |
|-----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Well ID | 29565 | 29566 | 29567 | 29568 | 29569 | 29570 |
| Name | 7 | 8 | 9 | 10 | 11 | 12 |
| Map Designator | 7 | 8 | 9 | 10 | 11 | 12 |
| FLUWID Number | | | | | | |
| Well Field | | | | | | |
| Existing/Proposed | E | E | E | E | E | E |
| Well Diameter(Inches) | 12 | 12 | 12 | 12 | 12 | 12 |
| Total Depth(feet) | 125 | 123 | 115 | 120 | 120 | 110 |
| Cased Depth(feet) | 111 | 105 | 108 | 102 | 102 | 100 |
| Facility Elev. (ft. NGVD) | | | | | | |
| Screened Interval | | | | | | |
| From | 0 | 0 | 0 | 0 | 0 | 0 |
| To | 0 | 0 | 0 | 0 | 0 | 0 |
| Pumped Or Flowing | P | P | P | P | P | P |
| Pump Type | Turbine | Turbine | Turbine | Turbine | Turbine | Turbine |
| Pump Int. Elev. Feet (NGVD) | | | | | | |
| Feet (BLS) | 60 | 60 | 60 | 42 | 42 | 62 |
| Pump Capacity(GPM) | 800 | 800 | 800 | 750 | 750 | 750 |
| Year Drilled | 1973 | 1973 | 1973 | 1983 | 1983 | 1986 |
| Planar Location | | | | | | |
| Source | Migrate | Migrate | Migrate | Migrate | Migrate | Migrate |
| Feet East | 900925 | 900450 | 900120 | 902220 | 902240 | 902220 |
| Feet North | 679230 | 679040 | 679230 | 678550 | 678550 | 679240 |
| Accounting Method | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter |
| Use Status | Primary | Primary | Primary | Primary | Primary | Primary |
| Water Use Type | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply |
| Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer |

Exhibit No: 5

TABLE - A
Description Of Wells.

Application Number: 130415-21

| | | | | | | |
|-----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Well ID | 29571 | 29572 | 29573 | 29574 | 29575 | 153122 |
| Name | 13 | 14 | 15 | 16 | 17 | 18 |
| Map Designator | 13 | 14 | 15 | 16 | 17 | 18 |
| FLUWID Number | | | | | | |
| Well Field | | | | | | |
| Existing/Proposed | E | E | E | E | E | E |
| Well Diameter(Inches) | 12 | 12 | 12 | 12 | 12 | 12 |
| Total Depth(feet) | 110 | 160 | 160 | 125 | 125 | 180 |
| Cased Depth(feet) | 100 | 105 | 105 | 105 | 97 | 105 |
| Facility Elev. (ft. NGVD) | | | | | | |
| Screened Interval | | | | | | |
| From | 0 | 0 | 0 | 0 | 0 | |
| To | 0 | 0 | 0 | 0 | 0 | |
| Pumped Or Flowing | P | P | P | P | P | P |
| Pump Type | Turbine | Turbine | Turbine | Turbine | Turbine | Turbine |
| Pump Int. Elev. Feet (NGVD) | | | | | | |
| Feet (BLS) | 42 | 85 | 85 | 90 | 90 | 100 |
| Pump Capacity(GPM) | 750 | 830 | 830 | 830 | 830 | 830 |
| Year Drilled | 1986 | 1992 | 1992 | 1992 | 1992 | 1996 |
| Planar Location | | | | | | |
| Source | Migrate | Migrate | Migrate | Migrate | Migrate | DIGITIZED |
| Feet East | 902230 | 902095 | 901870 | 902040 | 902030 | 901260 |
| Feet North | 679440 | 679460 | 679500 | 679780 | 680060 | 678680 |
| Accounting Method | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter | Flow Meter |
| Use Status | Primary | Primary | Primary | Primary | Primary | Primary |
| Water Use Type | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply | Public Water Supply |
| Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer | Biscayne Aquifer |

TABLE - A
Description Of Wells.

Application Number: 130415-21

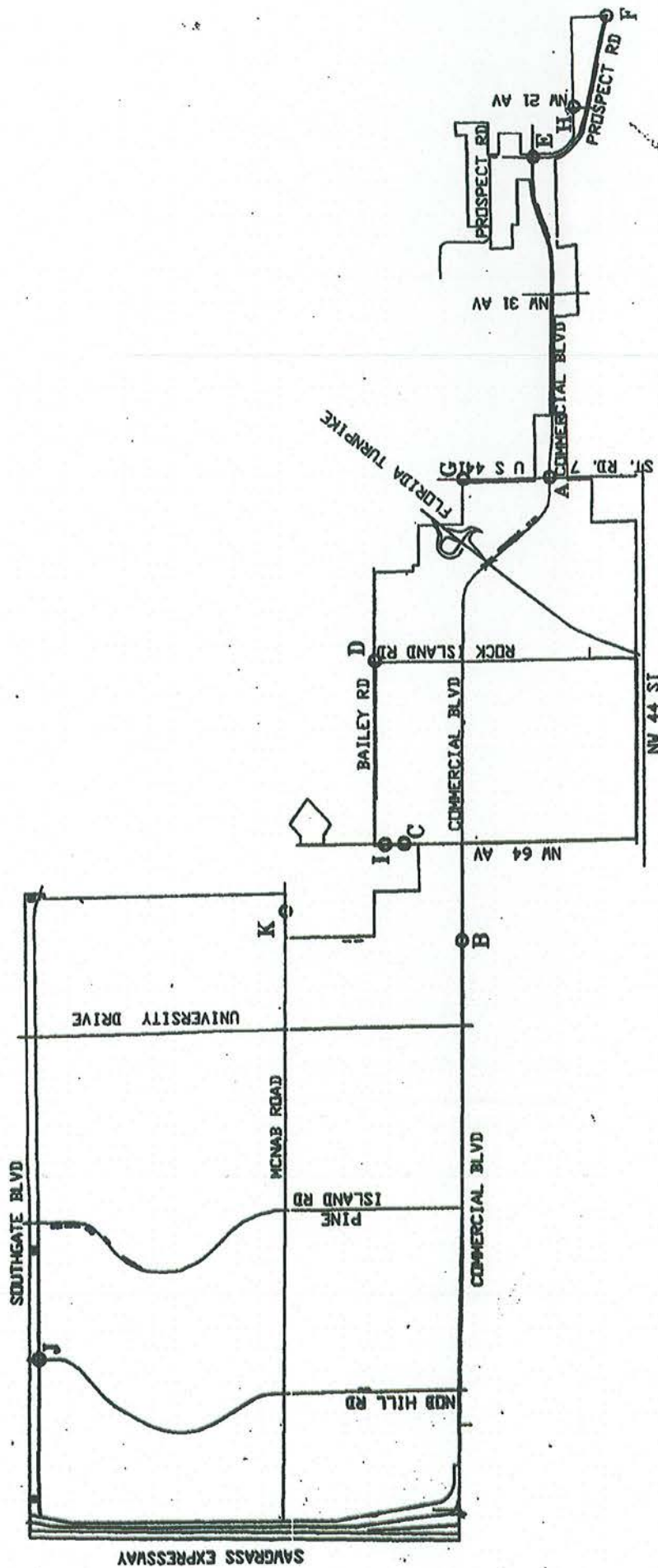
| | |
|-----------------------------|---------------------|
| Well ID | 29576 |
| Name | 19 |
| Map Designator | 19 |
| FLUWID Number | |
| Well Field | |
| Existing/Proposed | E |
| Well Diameter(Inches) | 12 |
| Total Depth(feet) | 180 |
| Cased Depth(feet) | 105 |
| Facility Elev. (ft. NGVD) | |
| Screened Interval | |
| From | 0 |
| To | 0 |
| Pumped Or Flowing | P |
| Pump Type | Turbine |
| Pump Int. Elev. Feet (NGVD) | |
| Feet (BLS) | 100 |
| Pump Capacity(GPM) | 830 |
| Year Drilled | 1996 |
| Planar Location | |
| Source | DIGITIZED |
| Feet East | 901270 |
| Feet North | 678530 |
| Accounting Method | Flow Meter |
| Use Status | Primary |
| Water Use Type | Public Water Supply |
| | Biscayne Aquifer |
| Aquifer | |

Exhibit No: 5

City of Tamarac
10 YEAR SYSTEM EFFICIENCY LOSSES

| YEAR | % Water Loss between WTP & Wells | %Water Production Losses | % Distribution Losses | Cumulative |
|----------------|---|-------------------------------------|------------------------------|-------------------|
| 2002 | 1.58 | 4.43 | 3.40 | 9.41 |
| 2003 | -0.04 | 6.00 | 3.14 | 9.10 |
| 2004 | -0.01 | 4.78 | 3.07 | 7.84 |
| 2005 | 0.25 | 5.90 | 2.21 | 8.36 |
| 2006 | 1.68 | 3.95 | 2.87 | 8.50 |
| 2007 | 0.01 | 10.23 | -4.08 | 6.16 |
| 2008 | 0.01 | 9.30 | 0.90 | 10.21 |
| 2009 | -0.81 | 7.64 | 4.14 | 10.97 |
| 2010 | -4.22 | 8.33 | 5.39 | 9.50 |
| 2011 | -8.48 | 3.36 | 6.73 | 1.61 |
| 2012 | -4.03 | 2.50 | 1.25 | -0.28 |
| Average | -1.28 | 6.04 | 2.64 | 7.40 |

WATER INTERCONNECTION MAP



POINTS OF INTERCONNECTION

- | | |
|--|--|
| <p>A 12' BROWARD COUNTY - S.V. CORNER U.S. 441 AND COMMERCIAL BLVD.</p> <p>B 12' CITY OF LAUDERHILL - N.V. CORNER COMMERCIAL BLVD. & N.V. 64th AVE.</p> <p>C 8' NORTH LAUDERDALE - SOUTH OF INTERSECTION BAILY RD. & N.V. 64th AVE.</p> <p>D 8' BROWARD COUNTY - S.V. CORNER BAILY RD. & ROCK ISLAND RD.</p> <p>E 8' FORT LAUDERDALE SUPPLY - S.V. CORNER COMMERCIAL BLVD. & PROSPECT FIELD RD.</p> <p>F 6' FORT LAUDERDALE SUPPLY - S.V. CORNER TRACT 'A' 1660 PROSPECT FIELD RD.</p> | <p>G 8' BROWARD COUNTY 5545 N.V. TSATE RD. 7</p> <p>H 6' FORT LAUDERDALE SUPPLY - N.E. CORNER N.V. 21st AVE. & PROSPECT FIELD RD.</p> <p>I 12' NORTH LAUDERDALE 270' NORTH OF INTERCONNECT 'C'</p> <p>J 12' CORAL SPRINGS IMPROVE. DIST. C-14 CANAL & NOB HILL RD.</p> <p>K 8' NORTH LAUDERDALE - SOUTH OF INTERSECTION McNAB RD. & N.V. 64th AVE.</p> |
|--|--|

Public Water Supply Demands

Application Number: 130415-21

Service Area: CITY OF TAMARAC
 Treatment Name:
 Standard PCUR: 110
 Standard Max Monthly Ratio: 1.07
 System Efficiency:

| Past Water Use (Table-F) | | | | | |
|--------------------------|------------|------|-------------------------|----------------------|------------------------|
| Year | Population | PCUR | Average Use (MGD) | Max Day Use (MGD) | Ratio |
| 2008 | 55,916 | 108 | 6.06 | | |
| 2009 | 56,400 | 111 | 6.24 | | |
| 2010 | 56,884 | 113 | 6.44 | | |
| 2011 | 57,570 | 109 | 6.27 | | |
| 2012 | 58,255 | 103 | 6.00 | | |
| | | | Average Monthly Use(MG) | Max Monthly Use (MG) | Ratio |
| | | | 184.22 | 207.00 | 1.12 |
| | | | 189.70 | 206.00 | 1.09 |
| | | | 195.78 | 204.00 | 1.04 |
| | | | 190.61 | 191.00 | 1.00 |
| | | | 182.40 | 199.00 | 1.09 |
| | | | | | Basis For Demand Ratio |
| | | | | | Y |
| | | | | | Y |
| | | | | | Y |
| | | | | | Y |
| | | | | | Y |

| Projected Water Use (Table-G) | | | | | |
|-------------------------------|------------|------|---------------------------|---------------------------|----------------------|
| Year | Population | PCUR | Recommended Average (MGD) | Recommended Max Day (MGD) | Ratio |
| 2013 | 58,941 | 110 | 6.48 | | |
| 2014 | 59,627 | 110 | 6.56 | | |
| 2015 | 60,132 | 110 | 6.61 | | |
| 2016 | 60,998 | 110 | 6.71 | | |
| 2017 | 61,684 | 110 | 6.79 | | |
| 2018 | 62,369 | 110 | 6.86 | | |
| 2019 | 63,055 | 110 | 6.94 | | |
| 2020 | 63,741 | 110 | 7.01 | | |
| 2033 | 68,929 | 110 | 7.58 | | |
| | | | Average Monthly Use(MG) | Rec Max Monthly (MG) | Ratio |
| | | | 197.10 | 210.8956 | 1.070 |
| | | | 199.39 | 213.3502 | 1.070 |
| | | | 201.08 | 215.1571 | 1.070 |
| | | | 203.98 | 218.2557 | 1.070 |
| | | | 206.27 | 220.7103 | 1.070 |
| | | | 208.56 | 223.1613 | 1.070 |
| | | | 210.86 | 225.6158 | 1.070 |
| | | | 213.15 | 228.0704 | 1.070 |
| | | | 230.50 | 246.6335 | 1.070 |
| | | | | | Basis for Allocation |

Modeling Scenario Description

Project Name: CITY OF TAMARAC

Application Number: 130415-21

Model Name: Theis non-equilibrium flow

Model Type: Analytical

Version: 2.0

Scenario: 1

Comments:

Input Parameters

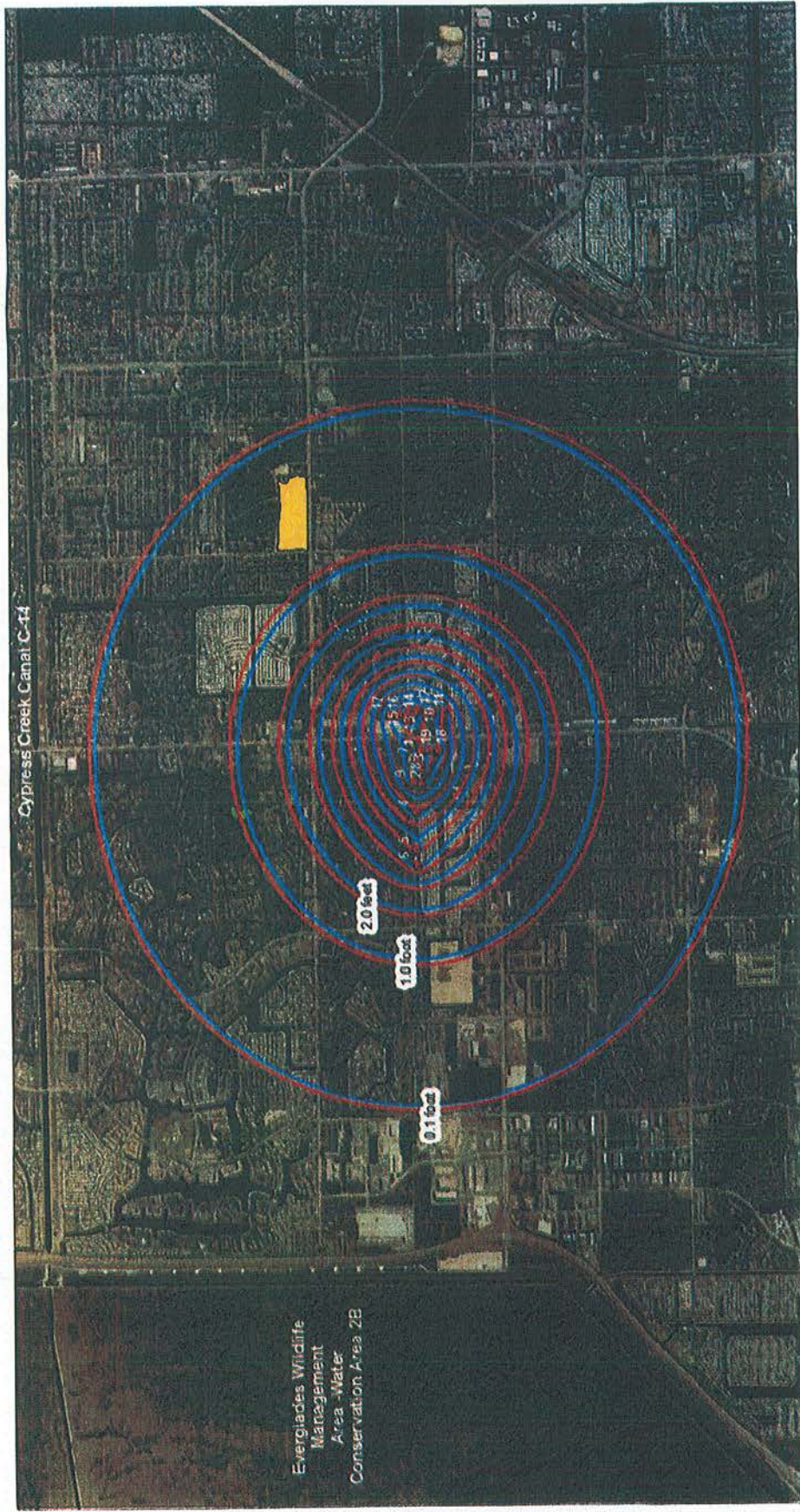
| Dataset Name | Value | Unit | Comments |
|---------------------------------|--------|---------------|----------|
| Transmissivity | 595000 | GPD/Ft | |
| Storage coefficient | 0.25 | Dimensionless | |
| Duration of Pumping | 90 | Days | |
| Number of Columns (X-direction) | | Number | |
| Number of Rows (Y-direction) | | Number | |
| Row & Column Spacing | 50 | Feet | |
| Map Scale | 3,000 | Feet / Inch | |
| Lower-left origin X Coordinate | | Feet | |
| Lower-left origin Y coordinate | | Feet | |

Withdrawals

| Source | Type | Facility ID | Name | Type | East (feet) | North (feet) | Withdrawn (gpd) | Comments |
|------------------|------|-------------|------|------|-------------|--------------|-----------------|----------|
| Biscayne Aquifer | GW | 29560 | 2 | Well | 900120 | 679080 | 0 | |
| Biscayne Aquifer | GW | 29561 | 3 | Well | 900580 | 679050 | 0 | |
| Biscayne Aquifer | GW | 29562 | 4 | Well | 899310 | 679240 | 0 | |
| Biscayne Aquifer | GW | 29563 | 5 | Well | 898470 | 679210 | 0 | |
| Biscayne Aquifer | GW | 29564 | 6 | Well | 897750 | 679200 | 0 | |
| Biscayne Aquifer | GW | 29565 | 7 | Well | 900925 | 679230 | 0 | |
| Biscayne Aquifer | GW | 29566 | 8 | Well | 900450 | 679040 | 0 | |
| Biscayne Aquifer | GW | 29567 | 9 | Well | 900120 | 679230 | 0 | |
| Biscayne Aquifer | GW | 29568 | 10 | Well | 902220 | 678550 | 0 | |
| Biscayne Aquifer | GW | 29569 | 11 | Well | 902240 | 678550 | 0 | |
| Biscayne Aquifer | GW | 29570 | 12 | Well | 902220 | 679240 | 0 | |
| Biscayne Aquifer | GW | 29571 | 13 | Well | 902230 | 679440 | 0 | |
| Biscayne Aquifer | GW | 29572 | 14 | Well | 902095 | 679460 | 0 | |
| Biscayne Aquifer | GW | 29573 | 15 | Well | 901870 | 679500 | 0 | |
| Biscayne Aquifer | GW | 29574 | 16 | Well | 902040 | 679780 | 0 | |
| Biscayne Aquifer | GW | 29575 | 17 | Well | 902030 | 680060 | 0 | |
| Biscayne Aquifer | GW | 29576 | 19 | Well | 901270 | 678530 | 0 | |
| Biscayne Aquifer | GW | 153122 | 18 | Well | 901260 | 678680 | 0 | |

41171 2102/ST/11 SA AB 03/10/05

Tamarac Water Treatment Facility - Difference Model Map for 6.890 MGD and 7.770 MGD (Scenario 1b)



- Legend
- Tamarac Production Wells
 - Drawdown Contours for 6.890 MGD
 - Drawdown Contours for 7.770 MGD
 - Hampton Pines Park
 - Woodmont Natural Area

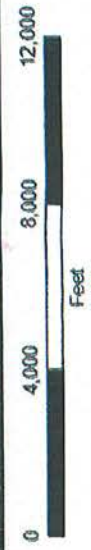
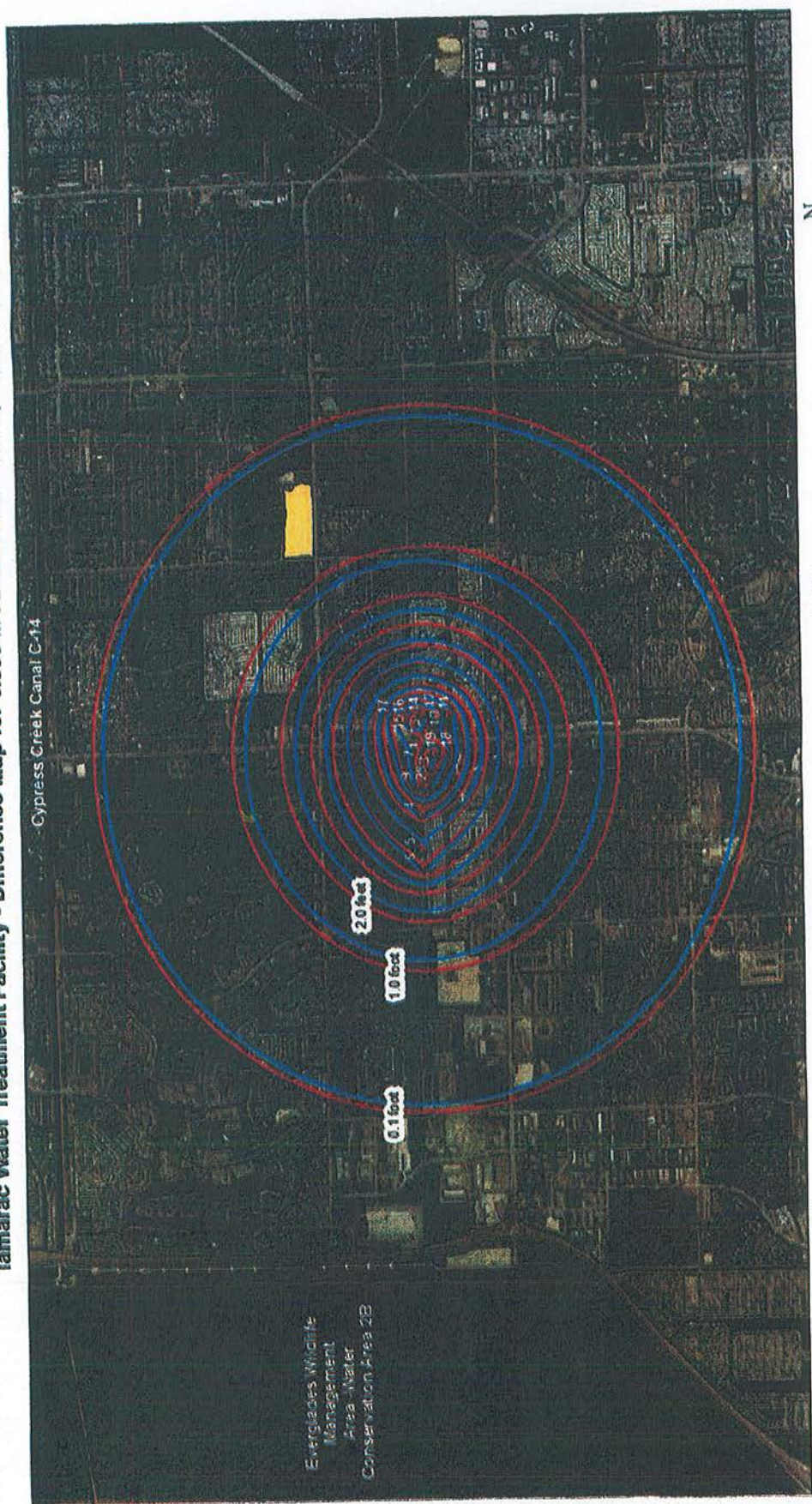


Figure 6

Gerhardt M.
Witt
& Associates, Inc.

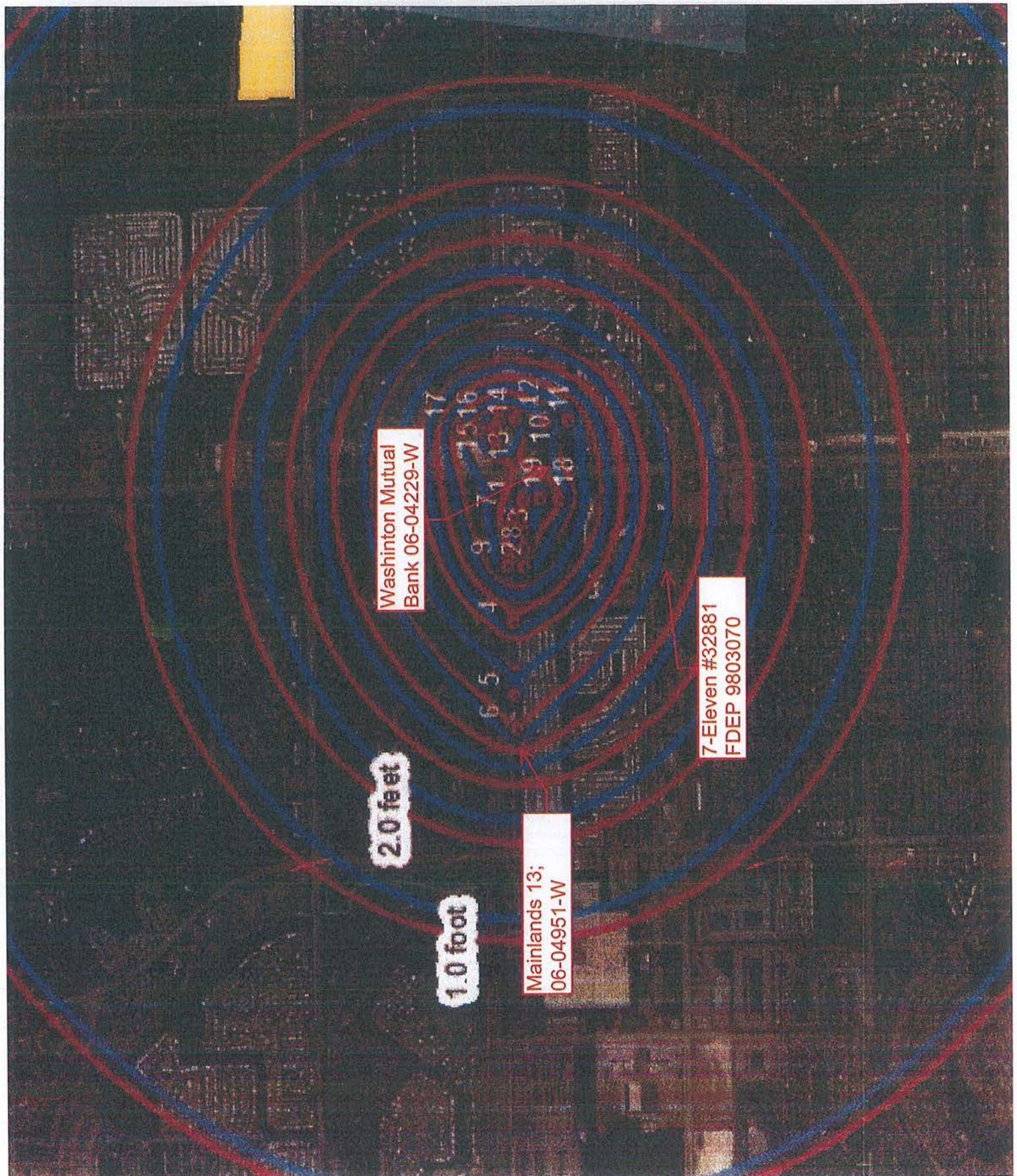
Tamarac Water Treatment Facility - Difference Map for 6.890 MGD and 8.470 MGD (Scenario 2b)



- Legend**
- Tamarac Production Wells
 - Drawdown Contours for 6.890 MGD
 - Drawdown Contours for 8.470 MGD
 - Hampton Pines Park
 - Woodmont Natural Area

Gerhardt M.
Witt
& Associates, Inc.

Figure 8



Tamarac Water Conservation Plan Summary

Utility Leak Detection Program

- Monthly records are rectified to calculate all losses throughout the system: raw water lines, treatment losses and distribution line losses
- Three-point pressure monitoring system in pipeline network provides early warning for major line breaks and isolates the break areas
- Telemetry system installed in 1986 provides water system pressure readings at two remote tanks and treatment plant
- A Water Conservation Specialist staff position was added in 2006

Rate Structure

- Three-tiered rate structure to encourage conservation
- During SFWMD Declared Water Shortage, a 15% water conservation fee may be added to the water portion of the bill

Public Information Programs

- Conservation messages are periodically enclosed in customer water bills
- During SFWMD Declared Water Shortages, the City uses "Tam-a-Grams", direct mail, banners and social media to remind customers to reduce consumption
- Speakers from City of Tamarac Utilities Department address conservation issues
- Restaurants are provided signage and only provide water to if requested

Florida-Friendly Landscaping

- All new landscape designs must be pre-approved by the City of Tamarac and are screened to meet the Florida-Friendly Landscaping standards
- Section 11 of City of Tamarac Code adopted Florida-Friendly Landscaping (Xeriscape)
- Good irrigation practices are encouraged: water is applied in stages to allow adequate soak in, to avoid irrigation run-off, to promote irrigation only between 4 p.m. and 10 a.m., irrigation is limited to two days per week during water shortage
- Participation in Broward County Mobile Irrigation Laboratory program and irrigation system reviews are offered to several accounts each year

Retrofits

- Water-saving fixtures installed on all new construction
- SFWMD Grants are used to provide rain sensor shut-offs; low flow faucets, shower heads, restaurant spray-nozzles and toilets

Other

- The City of Tamarac joined the Broward County 201 Program in 1988

Requirement by Limiting Condition Report

App No: 130415-21

Permit No: 06-00071-W

Project Name: CITY OF TAMARAC

Limiting Condition No: 17

Limiting Condition Code: WUSTD021-8

| Facility Name | Requirement Name | Col Freq | Sub Freq | Due Date |
|---------------|--------------------------------|------------------|------------------|-------------|
| WELL - 1 | Calibration report for WELL 1 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 2 | Calibration report for WELL 2 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 3 | Calibration report for WELL 3 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 4 | Calibration report for WELL 4 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 5 | Calibration report for WELL 5 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 6 | Calibration report for WELL 6 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 7 | Calibration report for WELL 7 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 8 | Calibration Report for Well 8 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 9 | Calibration Report for Well 9 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 10 | Calibration Report for Well 10 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 11 | Calibration Report for Well 11 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 12 | Calibration Report for Well 12 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 13 | Calibration Report for Well 13 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 14 | Calibration Report for Well 14 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 15 | Calibration Report for Well 15 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 16 | Calibration Report for Well 16 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 17 | Calibration Report for Well 17 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 18 | Calibration Report for Well 18 | Every Five Years | Every Five Years | 30-OCT-2017 |
| WELL - 19 | Calibration Report for Well 19 | Every Five Years | Every Five Years | 30-OCT-2017 |

Limiting Condition No: 18

Limiting Condition Code: WUSTD022-1

| Facility Name | Requirement Name | Col Freq | Sub Freq | Due Date |
|---------------|--------------------------------|----------|-----------|-------------|
| WELL - 1 | Monthly Withdrawal for Well 1 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 2 | Monthly Withdrawal for Well 2 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 3 | Monthly Withdrawal for Well 3 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 4 | Monthly Withdrawal for Well 4 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 5 | Monthly Withdrawal for Well 5 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 6 | Monthly Withdrawal for Well 6 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 7 | Monthly Withdrawal for Well 7 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 8 | Monthly Withdrawal for Well 8 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 9 | Monthly Withdrawal for Well 9 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 10 | Monthly Withdrawal for Well 10 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 11 | Monthly Withdrawal for Well 11 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 12 | Monthly Withdrawal for Well 12 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 13 | Monthly Withdrawal for Well 13 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 14 | Monthly Withdrawal for Well 14 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 15 | Monthly Withdrawal for Well 15 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 16 | Monthly Withdrawal for Well 16 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 17 | Monthly Withdrawal for Well 17 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 18 | Monthly Withdrawal for Well 18 | Monthly | Quarterly | 31-MAY-2014 |
| WELL - 19 | Monthly Withdrawal for Well 19 | Monthly | Quarterly | 31-MAY-2014 |

Requirement by Limiting Condition Report

Limiting Condition No: 20

Limiting Condition Code: WUPWS003-1

| Facility Name | Requirement Name | Col Freq | Sub Freq | Due Date |
|----------------------|--|-----------------|-----------------|-----------------|
| PERMIT | Unaccounted for Distribution Losses for PERMIT | Yearly | Yearly | 28-FEB-2015 |

Limiting Condition No: 22

Limiting Condition Code: WUPWS008-2

| Facility Name | Requirement Name | Col Freq | Sub Freq | Due Date |
|----------------------|---------------------------------------|-----------------|-----------------|-----------------|
| PERMIT | Ten-Year Compliance Report for PERMIT | Every Ten Years | Every Ten Years | 29-FEB-2024 |

STAFF REPORT DISTRIBUTION LIST

CITY OF TAMARAC

Application No: 130415-21

Permit No: 06-00071-W

INTERNAL DISTRIBUTION

- X Lindy Cerar, P.G.
- X J. Marquez

EXTERNAL DISTRIBUTION

- X Permittee - City Of Tamarac
- X Engr Consultant - Eckler Engineering Inc

GOVERNMENT AGENCIES

- X Broward County - Director, Water Mgmt Div
- X Dept of Environmental Protection - West Palm Beach
- X Div of Recreation and Park - District 7

OTHER INTERESTED PARTIES

- X Alexandria Larson
- X B.F. Sewell

Exhibit No:15

APPENDIX 1-B

BCWWS WATER USE PERMIT APPLICATION

WATER USE SUBMITTAL REPORT

SUBMITTAL INFORMATION

| Application Number | Submittal Number | Submittal Date |
|--------------------|------------------|----------------|
| 130403-5 | 116557 | 04/03/2013 |

PERMIT TYPE

| | |
|--|---------------------------------|
| Which of the following types of land use/water use classification are your requesting? | Public Water Supply |
| Which of the following type of activity are you requesting? | Modification of Existing Permit |
| Permit Number: | 06-00146-W |

Comments & Attached Files

| Comments | Filename & File Size | |
|----------|---|-------|
| | plantationltr-20130221093356444.pdf | 65 KB |
| | fortlauderdaleltetterendorsing transferofwater10312007.pdf | 34 KB |

PROJECT LOCATION

| | |
|------------------------|---------------------------|
| Project Name: | BROWARD COUNTY DISTRICT 1 |
| Project Acreage: | 6350.0 |
| City, Town or Village: | Lauderdale Lakes, FL |

County: BROWARD

| Section(s) | Township | Range | Land Grant |
|---------------------------------------|----------|-------|------------|
| 12, 13, 24, 25 | 49 | 41 | |
| 3,4,7,9,10,11,14,15,18,19,10,29,30,31 | 49 | 42 | |
| 13,24 | 50 | 41 | |
| 6,7 | 50 | 42 | |

PUBLIC WATER SUPPLY

| | |
|---|--|
| What is the amount of water requested? | Max month allocation > 300 MGM |
| What is the exact amount of water requested in Million Gallons per Day (MGD)? | 10.043 |
| What is the duration of this request? (if >20 years please submit details) | 20 years |
| Service Area: | DISTRICT 1 |

Table F: Past Water Use (ID: 49)

| | |
|-----------------------------------|----------------|
| Treatment Plant (Table I): | null |
| Treatment Type: | null |
| Past Year: | 2001 |
| Past Population: | 64423 |
| Per Capita Usage (gpd/person): | 121 |
| Total Annual Use (MG): | |
| Average Month Use (MG): | |
| Maximum Month Use (MG): | 262.947 |
| Ratio (Max:Average): | |
| Source of Population Information: | |

Table F: Past Water Use (ID: 50)

| | |
|-----------------------------------|----------------|
| Treatment Plant (Table I): | null |
| Treatment Type: | null |
| Past Year: | 2002 |
| Past Population: | 63197 |
| Per Capita Usage (gpd/person): | 138 |
| Total Annual Use (MG): | |
| Average Month Use (MG): | |
| Maximum Month Use (MG): | 302.602 |
| Ratio (Max:Average): | |
| Source of Population Information: | |

Table F: Past Water Use (ID: 51)

| | |
|----------------------------|-------------|
| Treatment Plant (Table I): | null |
|----------------------------|-------------|

| | |
|-----------------------------------|----------------|
| Treatment Type: | null |
| Past Year: | 2003 |
| Past Population: | 63535 |
| Per Capita Usage (gpd/person): | 134 |
| Total Annual Use (MG): | |
| Average Month Use (MG): | |
| Maximum Month Use (MG): | 273.566 |
| Ratio (Max:Average): | |
| Source of Population Information: | |

Table F: Past Water Use (ID: 52)

| | |
|-----------------------------------|----------------|
| Treatment Plant (Table I): | null |
| Treatment Type: | null |
| Past Year: | 2004 |
| Past Population: | 63872 |
| Per Capita Usage (gpd/person): | 139 |
| Total Annual Use (MG): | |
| Average Month Use (MG): | |
| Maximum Month Use (MG): | 293.327 |
| Ratio (Max:Average): | |
| Source of Population Information: | |

Table F: Past Water Use (ID: 53)

| | |
|-----------------------------------|---------------|
| Treatment Plant (Table I): | null |
| Treatment Type: | null |
| Past Year: | 2005 |
| Past Population: | 70952 |
| Per Capita Usage (gpd/person): | 139 |
| Total Annual Use (MG): | |
| Average Month Use (MG): | |
| Maximum Month Use (MG): | 299.08 |
| Ratio (Max:Average): | |
| Source of Population Information: | |

Table F: Past Water Use (ID: 54)

| | |
|----------------------------|-------------|
| Treatment Plant (Table I): | null |
|----------------------------|-------------|

| | |
|-----------------------------------|---------|
| Treatment Type: | null |
| Past Year: | 2006 |
| Past Population: | 72985 |
| Per Capita Usage (gpd/person): | 130 |
| Total Annual Use (MG): | |
| Average Month Use (MG): | |
| Maximum Month Use (MG): | 294.593 |
| Ratio (Max:Average): | |
| Source of Population Information: | |

Comments & Attached Files

| Comments | Filename & File Size |
|---------------------------------|----------------------|
| *** Comments Not Applicable *** | |

PRE-APPLICATION MEETING

Comments & Attached Files

| Comments | Filename & File Size |
|--|----------------------|
| Meeting to discuss transfer of allocation from City of Plantation for the Broadview Park neighborhood. Jan 8, 2013 2PM-3PM, B-1 2A Bridge Conf Room. Present: Karin Smith, Steve Lamb, Hank Breitenkam, John Crouse, and Fran Henderson. | |

ENVIRONMENTAL RESOURCE PERMIT STATUS

An Environmental Resource/Surface Water Management permit is not required.

Comments & Attached Files

| Comments | Filename & File Size |
|----------|----------------------|
| | |

WELLS

Well (ID: 24881)

| | |
|--|-------------------------------------|
| Well Name or Number: | 8 (1A) |
| Map Designator: | 8 (1A) |
| Ground Water Source: | Biscayne Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |
| Well Details | |
| Well Status: | Existing |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 145 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 80 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 12 |
| Pump/Flow Rate (GPM): | 2700 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | No |
| Pump Details | |
| Pump Type: | Submersible |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |
| Location Details | |
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

Well (ID: 24875)

| | |
|----------------------|------------|
| Well Name or Number: | F-2 |
| Map Designator: | 3 |

| | |
|--|-------------------------------------|
| Ground Water Source: | Upper Floridan Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |
| Well Details | |
| Well Status: | Proposed |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 1200 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 1000 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 16 |
| Pump/Flow Rate (GPM): | 1400 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | Yes |
| Pump Details | |
| Pump Type: | Turbine |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |
| Location Details | |
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |


Well (ID: 24889)

| | |
|------------------------------|----------------------------|
| Well Name or Number: | 1 (1A) |
| Map Designator: | 1 (1A) |
| Ground Water Source: | Biscayne Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |
| Well Details | |
| Well Status: | Existing |
| If existing, date installed: | |

| | |
|--|-------------------------------------|
| Total Depth (ft-BLS): | 100 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 72 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 12 |
| Pump/Flow Rate (GPM): | 1100 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | No |
| Pump Details | |
| Pump Type: | Submersible |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |
| Location Details | |
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

| | |
|-------------------------------|-------------------------------------|
| Well (ID: 24893) | |
| Well Name or Number: | 2 (1A) |
| Map Designator: | 2 (1A) |
| Ground Water Source: | Biscayne Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |
| Well Details | |
| Well Status: | Existing |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 100 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 70 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 12 |
| Pump/Flow Rate (GPM): | 1150 |
| Pumped or Flowing? | Pumped |

| | |
|--|--------------------|
| If the well is flowing (artesian well), is there or will there be a working valve? | No |
| Pump Details | |
| Pump Type: | Submersible |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |
| Location Details | |
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

| | |
|--|---|
| Well (ID: 24879) | |
| Well Name or Number: | 5 (1A) |
| Map Designator: | 5 (1A) |
| Ground Water Source: | Biscayne Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |
| Well Details | |
| Well Status: | Existing |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 94 |
| Total Depth not known: |  |
| Case Depth (ft-BLS): | 84 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 20 |
| Pump/Flow Rate (GPM): | 2100 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | No |
| Pump Details | |
| Pump Type: | Submersible |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |

Location Details

| | |
|-----------|----------------|
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

Well (ID: 24871)

| | |
|----------------------|-------------------------------|
| Well Name or Number: | F-4 |
| Map Designator: | 8 |
| Ground Water Source: | Upper Floridan Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |

Well Details

| | |
|--|-------------------------------------|
| Well Status: | Proposed |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 1200 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 1000 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 16 |
| Pump/Flow Rate (GPM): | 1400 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | Yes |

Pump Details

| | |
|--|----------------|
| Pump Type: | Turbine |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |

Location Details

| | |
|-----------|----------------|
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

Well (ID: 24877)

| | |
|--|-------------------------------------|
| Well Name or Number: | MW-1 |
| Map Designator: | MW-1 |
| Ground Water Source: | Biscayne Aquifer |
| Water Use Type: | Monitor |
| Water Use Status: | null |
| Meter Description: | None |
| Well Details | |
| Well Status: | Proposed |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 100 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 70 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 2 |
| Pump/Flow Rate (GPM): | 0 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | No |
| Pump Details | |
| Pump Type: | None |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |
| Location Details | |
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

Well (ID: 24873)

| | |
|----------------------|-------------------------------|
| Well Name or Number: | F-1 |
| Map Designator: | 2 |
| Ground Water Source: | Upper Floridan Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |
| Well Details | |

| | |
|--|-------------------------------------|
| Well Status: | Proposed |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 1200 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 1000 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 16 |
| Pump/Flow Rate (GPM): | 1400 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | Yes |
| Pump Details | |
| Pump Type: | Turbine |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |
| Location Details | |
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

| | |
|-------------------------------|-------------------------------------|
| Well (ID: 24883) | |
| Well Name or Number: | 7 (1A) |
| Map Designator: | 7 (1A) |
| Ground Water Source: | Biscayne Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Unspecified |
| Well Details | |
| Well Status: | Existing |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 100 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 75 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 20 |

| | |
|--|----------------|
| Pump/Flow Rate (GPM): | 2100 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | No |
| Pump Details | |
| Pump Type: | Turbine |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |
| Location Details | |
| County: | BROWARD |
| Section: | 99 |
| Township: | 99 |
| Range: | 99 |

Well (ID: 24869)

| | |
|--|-------------------------------------|
| Well Name or Number: | F-3 |
| Map Designator: | 7 |
| Ground Water Source: | Upper Floridan Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |
| Well Details | |
| Well Status: | Proposed |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 1200 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 1000 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 16 |
| Pump/Flow Rate (GPM): | 1400 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | Yes |
| Pump Details | |
| Pump Type: | Turbine |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |

If the above calibration date is not available, please provide and explanation in the area to the right.

Location Details

| | |
|-----------|----------------|
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

Well (ID: 24885)

| | |
|----------------------|----------------------------|
| Well Name or Number: | 9 (1A) |
| Map Designator: | 9 (1A) |
| Ground Water Source: | Biscayne Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |

Well Details

| | |
|--|-------------------------------------|
| Well Status: | Existing |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 147 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 80 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 12 |
| Pump/Flow Rate (GPM): | 2700 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | No |

Pump Details

| | |
|--|--------------------|
| Pump Type: | Submersible |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |


Location Details

| | |
|-----------|----------------|
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

Well (ID: 24887)

| | |
|----------------------|----------------------------|
| Well Name or Number: | 3 (1A) |
| Map Designator: | 3 (1A) |
| Ground Water Source: | Biscayne Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |

Well Details

| | |
|--|---|
| Well Status: | Existing |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 100 |
| Total Depth not known: |  |
| Case Depth (ft-BLS): | 89 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 12 |
| Pump/Flow Rate (GPM): | 1150 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | No |

Pump Details

| | |
|--|--------------------|
| Pump Type: | Submersible |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |

Location Details

| | |
|-----------|----------------|
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

Well (ID: 24895)

| | |
|----------------------|----------------------------|
| Well Name or Number: | 6 (1A) |
| Map Designator: | 6 (1A) |
| Ground Water Source: | Biscayne Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |

Well Details

| | |
|--|-------------------------------------|
| Well Status: | Existing |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 100 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 75 |
| Wellhead Elevation (ft-NGVD): | |
| Well Diameter (in): | 20 |
| Pump/Flow Rate (GPM): | 2100 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | No |

Pump Details

| | |
|--|--------------------|
| Pump Type: | Submersible |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |

Location Details

| | |
|-----------|----------------|
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

Well (ID: 24891)

| | |
|----------------------|----------------------------|
| Well Name or Number: | 4 (1A) |
| Map Designator: | 4 (1A) |
| Ground Water Source: | Biscayne Aquifer |
| Water Use Type: | Public Water Supply |
| Water Use Status: | Primary |
| Meter Description: | Flow Meter |

Well Details

| | |
|-------------------------------|-------------------------------------|
| Well Status: | Existing |
| If existing, date installed: | |
| Total Depth (ft-BLS): | 100 |
| Total Depth not known: | <input checked="" type="checkbox"/> |
| Case Depth (ft-BLS): | 76 |
| Wellhead Elevation (ft-NGVD): | |

| | |
|--|--------------------|
| Well Diameter (in): | 12 |
| Pump/Flow Rate (GPM): | 1200 |
| Pumped or Flowing? | Pumped |
| If the well is flowing (artesian well), is there or will there be a working valve? | No |
| Pump Details | |
| Pump Type: | Submersible |
| Pump Intake Depth (ft-BLS): | |
| Last Calibration Date: | |
| If the above calibration date is not available, please provide and explanation in the area to the right. | |
| Location Details | |
| County: | BROWARD |
| Section: | 24 |
| Township: | 49 |
| Range: | 41 |

Comments & Attached Files

| Comments | Filename & File Size |
|---------------------------------|----------------------|
| *** Comments Not Applicable *** | |

RIGHT OF WAY

Right Of Way permit is not required.

RECLAIMED WATER

Is the project using reclaimed water for any of it's water use? **No**

Comments & Attached Files

| Comments | Filename & File Size |
|---------------------------------|----------------------|
| *** Comments Not Applicable *** | |

POTENTIAL WATER IMPACTS

Are there any wetland areas within the area of influence?
If yes, provide an impact evaluation.

No

Are there any contamination sites within the area of influence?
If yes, provide details for the contamination sites.

Yes

What is the distance to the nearest source of saline water (ft)?
If known, provide a signed/sealed impact assessment.

35000

Comments & Attached Files - Contamination Sites

| Comments | Filename & File Size |
|---------------------|----------------------|
| previously reported | |

Comments & Attached Files - Signed/Sealed Assessment

| Comments | Filename & File Size |
|----------|----------------------|
| | |

RELEVANT PARTIES

Select the best representation of the applicant's organization:

COUNTY

Relevant Party (ID: 1814411)

| | |
|---------------|---|
| Type: | OWNER/APPLICANT |
| "Other" Type: | |
| First Name: | John |
| Last Name: | Crouse |
| Company: | Broward County Water and Wastewater Services |
| Salutation: | |
| Address 1: | 2555 W COPANS ROAD |
| Address 2: | |
| City: | POMPANO BEACH |
| State: | FL |
| Zip: | 33069 |
| Primary: | 954-831-0765 |
| Secondary: | 954-831-3285 |

Email:

jcrouse@broward.org

Comments & Attached Files

Comments

Filename & File Size

*** Comments Not Applicable ***

APPLICANT SIGNATURE / OWNER AUTHORIZATION

Statement Of Agreement

I hereby certify that, to the best of my knowledge, the total project acreage listed above is owned or controlled by me and encompasses the project referenced in this permit application. In addition, I agree to provide entry to the project site for South Florida Water Management Inspectors with proper identification or documents as required by law for the purpose of making analyses of the site. Further, I agree to provide entry to the project site for such inspectors to monitor permitted work if a permit is granted. If I do not use the water for which this permit is issued within two years the permit may be revoked. If this application is not complete within 240 days, it may be denied pursuant to Rule 40E-1.603, Florida Administrative Code.

Prepared by:

Name:

Francis Henderson

Agency of Employment:

Broward County WWS WMD

Position:

NRSIV

Email Address:

fhenderson@broward.org

Phone Number:

954-831-0767

Signature Date:

03/04/2013

Comments & Attached Files

Comments

Filename & File Size

*** Comments Not Applicable ***

APPENDIX 1-C

CITY OF FORT LAUDERDALE WATER USE PERMIT



FORM #0299
Rev. 5/93

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
WATER USE PERMIT NO. RE-ISSUE 06-00123-W
(NON - ASSIGNABLE)

Date Issued: 11-SEP-2008

Expiration Date: September 11, 2028

Authorizing: THE CONTINUATION OF AN EXISTING USE OF GROUND WATER FROM THE BISCAYNE AQUIFER AND FLORIDAN AQUIFER SYSTEM FOR PUBLIC WATER SUPPLY USE WITH AN ANNUAL ALLOCATION OF 22334 MILLION GALLONS.

Located In: Broward County, S7-36/T49S/R42E
S7,18,19,30,31/T49S/R43E
S1-22/T50S/R42E
S6,7/T50S/R43E

Issued To: FORT LAUDERDALE CITY OF
(FORT LAUDERDALE PUBLIC WATER SUPPLY)
PUBLIC SERVICES DEPARTMENT, 949 NW 38TH STREET
FORT LAUDERDALE, FL 33309

This Permit is issued pursuant to Application No.040130-15 , dated January 30, 2004, for the Use of Water as specified above and subject to the Special Conditions set forth below. Permittee agrees to hold and save the South Florida Water Management District and its successors harmless from any and all damages, claims or liabilities which may arise by reason of the construction, maintenance or use of activities authorized by this permit. Said application, including all plan and specifications attached thereto, is by reference made a part hereof.

Upon written notice to the permittee, this permit may be temporarily modified, or restricted under a Declaration of Water Shortage or a Declaration of Emergency due to Water Shortage in accordance with provisions of Chapter 373, Fla. Statutes, and applicable rules and regulations of the South Florida Water Management District.

This Permit may be permanently or temporarily revoked, in whole or in part, for the violation of the conditions of the permit or for the violation of any provision of the Water Resources Act and regulations thereunder.

This Permit does not convey to the permittee any property rights nor any privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation, or requirement affecting the rights of other bodies or agencies.

Limiting Conditions are as follows:

SEE PAGES 2 - 6 OF 6 (29 LIMITING CONDITIONS).

South Florida Water Management
District, by its Governing Board

On ORIGINAL SIGNED BY:

By ELIZABETH VEGUILLA
DEPUTY CLERK

LIMITING CONDITIONS

1. This permit shall expire on September 11, 2028.
2. Application for a permit modification may be made at any time.
3. Water use classification:

Public water supply

4. Source classification is:

Ground Water from:
Biscayne Aquifer
Floridan Aquifer System

5. Annual allocation shall not exceed 22334 MG.

Maximum monthly allocation shall not exceed 2157.6 MG.

The following limitations to annual withdrawals from specific sources are stipulated:

Biscayne Aquifer-: 19,181 MG.

The following limitations to maximum monthly withdrawals from specific sources are stipulated:

Biscayne Aquifer-: 1,857.00 MG.

Based on the established base condition as specified in the Regional Water availability Rule (Section 3.2.1.E of the water Use Basis of review) and modeling impact scenarios, Wellfield/Source Limitations are as follows:

Total Biscayne aquifer withdrawals shall not exceed 19,181 million gallons per year (52.55 million gallons per day), and 1,857 million gallons per month (59.9 million gallons per day).

Biscayne aquifer withdrawals from the Peele-Dixie Wellfield are limited to 5,475 million gallons per year (15 million gallons per day), and 465 million gallons per month (15 million gallons per day).

Biscayne aquifer withdrawals from the Prospect Wellfield are limited to 15,853 million gallons per year (43.43 million gallons per day), and 1,534.5 million gallons per month (49.5 million gallons per day).

6. Pursuant to Rule 40E-1.6105, F.A.C., Notification of Transfer of Interest in Real Property, within 30 days of any transfer of interest or control of the real property at which any permitted facility, system, consumptive use, or activity is located, the permittee must notify the District, in writing, of the transfer giving the name and address of the new owner or person in control and providing a copy of the instrument effectuating the transfer, as set forth in Rule 40E-1.6107, F.A.C.

Pursuant to Rule 40E-1.6107 (4), until transfer is approved by the District, the permittee shall be liable for compliance with the permit. The permittee transferring the permit shall remain liable for all actions that are required as well as all violations of the permit which occurred prior to the transfer of the permit.

Failure to comply with this or any other condition of this permit constitutes a violation and pursuant to Rule 40E-1.609, Suspension, Revocation and Modification of Permits, the District may suspend or revoke the permit.

This Permit is issued to:

City of Fort Lauderdale
Public Services Department
949 NW 38th Street
Fort Lauderdale, FL 33309

7. Withdrawal facilities:

Ground Water - Proposed:

- 14 - 16" X 1200' X 3300 GPM Wells Cased To 1000 Feet
- 2 - 24" X 120' X 2800 GPM Wells Cased To 90 Feet

Ground Water - Existing:

- 2 - 20" X 150' X 2100 GPM Wells Cased To 100 Feet
- 1 - 17" X 101' X 2100 GPM Well Cased To 80 Feet
- 1 - 18" X 99' X 2100 GPM Well Cased To 81 Feet
- 1 - 17" X 90' X 2100 GPM Well Cased To 75 Feet
- 1 - 10" X 130' X 0 GPM Well Cased To 118 Feet
- 2 - 17" X 0' X 2100 GPM Uncased Wells
- 1 - 17" X 144' X 2100 GPM Well Cased To 105 Feet
- 1 - 12" X 152' X 0 GPM Well Cased To 133 Feet
- 1 - 17" X 91' X 2100 GPM Well Cased To 82 Feet
- 1 - 17" X 90' X 2100 GPM Well Cased To 62 Feet
- 2 - 18" X 98' X 2100 GPM Wells Cased To 82 Feet
- 1 - 17" X 116' X 2100 GPM Well Cased To 81 Feet
- 5 - 16" X 120' X 2100 GPM Wells Cased To 100 Feet
- 1 - 12" X 131' X 0 GPM Well Cased To 116 Feet
- 3 - 12" X 76' X 0 GPM Wells Cased To 61 Feet
- 1 - 17" X 95' X 2100 GPM Well Cased To 82 Feet
- 1 - 12" X 100' X 0 GPM Well Cased To 85 Feet
- 1 - 17" X 90' X 2100 GPM Well Cased To 68 Feet
- 1 - 24" X 125' X 2800 GPM Well Cased To 100 Feet
- 2 - 16" X 1200' X 3300 GPM Wells Cased To 1000 Feet
- 1 - 17" X 109' X 2100 GPM Well Cased To 86 Feet
- 1 - 16" X 1200' X 2100 GPM Well Cased To 1055 Feet
- 1 - 17" X 103' X 2100 GPM Well Cased To 100 Feet
- 1 - 10" X 128' X 0 GPM Well Cased To 116 Feet
- 7 - 24" X 120' X 2800 GPM Wells Cased To 90 Feet
- 1 - 17" X 103' X 2100 GPM Well Cased To 82 Feet
- 1 - 17" X 109' X 2100 GPM Well Cased To 90 Feet
- 2 - 12" X 125' X 0 GPM Wells Cased To 110 Feet
- 3 - 17" X 120' X 2100 GPM Wells Cased To 100 Feet
- 2 - 12" X 80' X 0 GPM Wells Cased To 68 Feet
- 1 - 12" X 90' X 0 GPM Well Cased To 75 Feet
- 1 - 18" X 102' X 2100 GPM Well Cased To 82 Feet
- 1 - 10" X 125' X 0 GPM Well Cased To 110 Feet
- 1 - 12" X 94' X 0 GPM Well Cased To 79 Feet
- 1 - 10" X 132' X 0 GPM Well Cased To 120 Feet
- 1 - 17" X 90' X 2100 GPM Well Cased To 66 Feet
- 1 - 17" X 150' X 2100 GPM Well Cased To 112 Feet
- 1 - 17" X 96' X 2100 GPM Well Cased To 70 Feet
- 1 - 12" X 115' X 0 GPM Well Cased To 100 Feet
- 1 - 12" X 75' X 0 GPM Well Cased To 64 Feet
- 1 - 17" X 100' X 2100 GPM Well Cased To 80 Feet
- 3 - 10" X 125' X 0 GPM Wells Cased To 113 Feet
- 3 - 20" X 120' X 2100 GPM Wells Cased To 100 Feet

Surface Water - Existing:

8. Permittee shall mitigate interference with existing legal uses that was caused in whole or in part by the permittee's withdrawals, consistent with the approved mitigation plan. As necessary to offset the interference, mitigation will include pumpage reduction, replacement of the impacted individual's equipment, relocation of wells, change in withdrawal source, or other means.

Interference to an existing legal use is defined as an impact that occurs under hydrologic conditions equal to or less severe than a 1 in 10 year drought event that results in the:

(1) Inability to withdraw water consistent with provisions of the permit, such as when remedial structural or operational actions not materially authorized by existing permits must be taken to address the interference; or

(2) Change in the quality of water pursuant to primary State Drinking Water Standards to the extent that the water can no longer be used for its authorized purpose, or such change is imminent.

9. Permittee shall mitigate harm to existing off-site land uses caused by the permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the permittee to modify withdrawal rates or mitigate the harm. Harm caused by withdrawals, as determined through reference to the conditions for permit issuance, includes:

(1) Significant reduction in water levels on the property to the extent that the designed function of the water body and related surface water management improvements are damaged, not including aesthetic values. The designed function of a water body is identified in the original permit or other governmental authorization issued for the construction of the water body. In cases where a permit was not required, the designed function shall be determined based on the purpose for the original construction of the water body (e.g. fill for construction, mining, drainage canal, etc.)

(2) Damage to agriculture, including damage resulting from reduction in soil moisture resulting from consumptive use; or

(3) Land collapse or subsidence caused by reduction in water levels associated with consumptive use.

10. Permittee shall mitigate harm to the natural resources caused by the permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the permittee to modify withdrawal rates or mitigate the harm. Harm, as determined through reference to the conditions for permit issuance includes:

(1) Reduction in ground or surface water levels that results in harmful lateral movement of the fresh water/salt water interface,

(2) Reduction in water levels that harm the hydroperiod of wetlands,

(3) Significant reduction in water levels or hydroperiod in a naturally occurring water body such as a lake or pond,

(4) Harmful movement of contaminants in violation of state water quality standards, or

(5) Harm to the natural system including damage to habitat for rare or endangered species.

11. If any condition of the permit is violated, the permit shall be subject to review and possible modification, enforcement action, or revocation.

12. Authorized representatives of the District shall be permitted to enter, inspect, and observe the permitted system to determine compliance with special conditions.

13. The Permittee is advised that this permit does not relieve any person from the requirement to obtain all necessary federal, state, local and special district authorizations.
14. The permit does not convey any property right to the Permittee, nor any rights and privileges other than those specified in the Permit and Chapter 40E-2, Florida Administrative Code.
15. Permittee shall submit all data as required by the implementation schedule for each of the limiting conditions to: S.F.W.M.D., Supervising Hydrogeologist - Post-Permit Compliance, Water Use Regulation Dept. (4320), P.O. Box 24680, West Palm Beach, FL 33416-4680.
16. In the event of a declared water shortage, water withdrawal reductions will be ordered by the District in accordance with the Water Shortage Plan, Chapter 40E-21, F.A.C. The Permittee is advised that during a water shortage, pumpage reports shall be submitted as required by Chapter 40E-21, F.A.C.
17. Prior to the use of any proposed water withdrawal facility authorized under this permit, unless otherwise specified, the Permittee shall equip each facility with a District-approved operating water use accounting system and submit a report of calibration to the District, pursuant to Section 4.1, Basis of Review for Water Use Permit Applications.

In addition, the Permittee shall submit a report of recalibration for the water use accounting system for each water withdrawal facility (existing and proposed) authorized under this permit every five years from each previous calibration, continuing at five-year increments.

18. Monthly withdrawals for each withdrawal facility shall be submitted to the District quarterly. The water accounting method and means of calibration shall be stated on each report.
19. The Permittee shall notify the District within 30 days of any change in service area boundary. If the Permittee will not serve a new demand within the service area for which the annual allocation was calculated, the annual allocation may then be subject to modification and reduction.
20. Permittee shall determine unaccounted-for distribution system losses. Losses shall be determined for the entire distribution system on a monthly basis. Permittee shall define the manner in which unaccounted-for losses are calculated. Data collection shall begin within six months of Permit issuance. Loss reporting shall be submitted to the District on a yearly basis from the date of Permit issuance.
21. Permittee shall maintain an accurate flow meter at the intake of the water treatment plant for the purpose of measuring daily inflow of water.
22. Prior to any application to renew or modify this permit, the Permittee shall evaluate long term water supply alternatives and submit a long term water supply plan to the District. Within one year of permit issuance, the Permittee shall submit to the District an outline of the proposed plan. The assessment should include consideration of saline intrusion, wellfield protection, plans for compliance with applicable wellfield protection ordinances, expected frequencies and plans to cope with water shortages or well field failures, and conservation measures to reduce overall stresses on the aquifer.
23. For uses with an annual allocation greater than 10 MGD and a permit duration of 20 years, every five years from the date of permit issuance, the permittee shall submit a water use compliance report for review and approval by District Staff, which addresses the following:
 1. The results of a water conservation audit that documents the efficiency of water use on the project site using data produced from an onsite evaluation conducted. In the event that the audit indicates additional water conservation is appropriate or the per capita use rate authorized in the permit is exceeded, the permittee shall propose and implement specific actions to reduce the water use to acceptable levels within timeframes proposed by the permittee and approved by the District.
 2. A comparison of the permitted allocation and the allocation that would apply to the project based on current District allocation rules and updated population and per capita use rates. In the event the permit allocation is greater than the allocation provided for under District rule, the permittee shall apply for a letter

modification to reduce the allocation consistent with District rules and the updated population and per capita use rates to the extent they are considered by the District to be indicative of long term trends in the population and per capita use rates over the permit duration. In the event that the permit allocation is less than allowable under District rule, the permittee shall apply for a modification of the permit to increase the allocation if the permittee intends to utilize an additional allocation, or modify its operation to comply with the existing conditions of the permit.

24. The Water Conservation Plan required by Section 2.6.1 of the Basis of Review for Water Use Permit Applications within the South Florida Water Management District, must be implemented in accordance with the approved implementation schedule.

See Exhibit 9.

25. If a proposed well location is different from a location specified in the application, the Permittee shall submit to the District an evaluation of the impact of pumpage from the proposed well location on adjacent existing legal uses, pollution sources, environmental features, the saline water interface, and water bodies one month prior to all new well construction. The Permittee is advised that the proposal must be in compliance with all permitting criteria and performance standards in effect at the time of submittal, and that a formal modification of the permit shall be required if the withdrawals from the well location will result in an environmental or resource impact significantly greater than that anticipated in the permit review process.
26. If at any time there is an indication that the well casing, valves, or controls leak or have become inoperative, repairs or replacement shall be made to restore the system to an operating condition. Failure to make such repairs shall be cause for filling and abandoning the well, in accordance with procedures outlined in Chapters 40E-3 and 40E-30, Florida Administrative Code.
27. The Permittee shall submit to the District an updated Well Description Table (Table A) within one month of completion of the proposed wells identifying the actual total and cased depths, pump manufacturer and model numbers, pump types, intake depths and type of meters.
28. The Permittee shall continue to submit monitoring data in accordance with the approved saline water intrusion monitoring program for this project.
The Permittee's monitoring plan shall be implemented as follows:

The five conductivity profile wells at the Peele-Dixie Wellfield and the five conductivity profile wells at the Prospect Wellfield shall be monitored and the data submitted semi-annually (twice per year), once at the end of the wet season, and once at the end of the dry season. In addition, the Permittee shall evaluate the existing monitoring program for the purpose of determining the level of assurance provided by the plan relative to any changes in wellfield operations and submit the results of this evaluation and any proposed changes to the plan to the District within 6 months of permit issuance for District approval.

29. Within two years of permit issuance, potable public water supply utilities are required to provide a study evaluating emergency water supply preparedness, including analysis of demand management measures, potential pumpage shifting and the feasibility of emergency interconnections for the purpose of supplying water on a short-term, emergency basis to adjoining utilities. The Permittee must provide the District with a copy of the study. As to emergency interconnects, the feasibility study must assess the technical, physical and economic ability of the Permittee to develop interconnecting pipes capable of delivering water to adjoining utilities to meet emergency, short-term water supply needs. (in the event of an interconnect being established, individual public water supply Permit allocations will not address the emergency usage.) It is the policy of the District to encourage emergency interconnects between adjoining public water supply utilities for the purpose of providing emergency water supply. Thus, where the feasibility study indicates emergency interconnects are possible, the District encourages the adjoining utilities to implement the same.

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

City of Fort Lauderdale – Public
Services Department
949 NW 38th Street
Fort Lauderdale, FL 33309

2. Article Number
(Transfer from service label)

7003 2260 0007 1914 1605

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X DAVID DAVIS

☐ Agent

☐ Addressee

B. Received by (Printed Name)

[Signature]

C. Date of Delivery

9/10/08

D. Is delivery address different from item 1? ☒ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

South Florida Water Management District
3301 Gun Club Road
West Palm Beach, FL 33406

SCANNED



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

September 9, 2008

City of Fort Lauderdale Public Services Department
949 NW 38th Street
Fort Lauderdale, FL 33309

Subject: Application No. 040130-15, **Fort Lauderdale Public Water Supply**
Broward County, S7-36/T49S/R42E, S7,18,19,30,31/T49S/R43E
S1-22/T50S/R42E, S6,7/T50S/R43E

Enclosed is a copy of the South Florida Water Management District's staff report covering the permit application referenced therein. It is requested that you read this staff report thoroughly and understand its contents. The recommendations as stated in the staff report will be presented to our Governing Board for consideration on **Thursday, September 11, 2008**.

Should you wish to object to the staff recommendation or file a petition, please provide written objections, petitions and/or waivers (refer to the attached "Notice of Rights") to:

Elizabeth Veguilla, Deputy Clerk
South Florida Water Management District
Post Office Box 24680
West Palm Beach, Florida 33416-4680

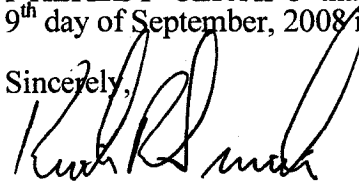
The "Notice of Rights" addresses the procedures to be followed if you desire a public hearing or other review of the proposed agency action. You are advised, however, to be prepared to defend your position regarding the permit application when it is considered by the Governing Board for final agency action, even if you agree with the staff recommendation, as the Governing Board may take final agency action which differs materially from the proposed agency action.

Please contact the District if you have any questions concerning this matter.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a "Notice of Rights" has been mailed to the addressee this 9th day of September, 2008 in accordance with Section 120.60 (3), Florida Statutes.

Sincerely,


Keith R. Smith, P.G., Deputy Director
Water Supply Department

KRS/ja

CERTIFIED #7003 2260 0007 1914 1605
RETURN RECEIPT REQUESTED

NOTICE OF RIGHTS

As required by Sections 120.569(1), and 120.60(3), Fla. Stat., following is notice of the opportunities which may be available for administrative hearing or judicial review when the substantial interests of a party are determined by an agency. Please note that this Notice of Rights is not intended to provide legal advice. Not all the legal proceedings detailed below may be an applicable or appropriate remedy. You may wish to consult an attorney regarding your legal rights.

RIGHT TO REQUEST ADMINISTRATIVE HEARING

A person whose substantial interests are or may be affected by the South Florida Water Management District's (SFWMD or District) action has the right to request an administrative hearing on that action pursuant to Sections 120.569 and 120.57, Fla. Stat. Persons seeking a hearing on a District decision which does or may determine their substantial interests shall file a petition for hearing with the District Clerk within 21 days of receipt of written notice of the decision, unless one of the following shorter time periods apply: 1) within 14 days of the notice of consolidated intent to grant or deny concurrently reviewed applications for environmental resource permits and use of sovereign submerged lands pursuant to Section 373.427, Fla. Stat.; or 2) within 14 days of service of an Administrative Order pursuant to Subsection 373.119(1), Fla. Stat. "Receipt of written notice of agency decision" means receipt of either written notice through mail, or electronic mail, or posting that the District has or intends to take final agency action, or publication of notice that the District has or intends to take final agency action. Any person who receives written notice of a SFWMD decision and fails to file a written request for hearing within the timeframe described above waives the right to request a hearing on that decision.

Filing Instructions

The Petition must be filed with the Office of the District Clerk of the SFWMD. Filings with the District Clerk may be made by mail, hand-delivery or facsimile. **Filings by e-mail will not be accepted.** Any person wishing to receive a clerked copy with the date and time stamped must provide an additional copy. A petition for administrative hearing is deemed filed upon receipt during normal business hours by the District Clerk at SFWMD headquarters in West Palm Beach, Florida. Any document received by the office of the SFWMD Clerk after 5:00 p.m. shall be filed as of 8:00 a.m. on the next regular business day. Additional filing instructions are as follows:

- Filings by mail must be addressed to the Office of the SFWMD Clerk, P.O. Box 24680, West Palm Beach, Florida 33416.
- Filings by hand-delivery must be delivered to the Office of the SFWMD Clerk. **Delivery of a petition to the SFWMD's security desk does not constitute filing. To ensure proper filing, it will be necessary to request the SFWMD's security officer to contact the Clerk's office.** An employee of the SFWMD's Clerk's office will receive and file the petition.
- Filings by facsimile must be transmitted to the SFWMD Clerk's Office at (561) 682-6010. Pursuant to Subsections 28-106.104(7), (8) and (9), Fla. Admin. Code, a party who files a document by facsimile represents that the original physically signed document will be retained by that party for the duration of that proceeding and of any subsequent appeal or subsequent proceeding in that cause. Any party who elects to file any document by facsimile shall be responsible for any delay, disruption, or interruption of the electronic signals and accepts the full risk that the document may not be properly filed with the clerk as a result. The filing date for a document filed by facsimile shall be the date the SFWMD Clerk receives the complete document.

Initiation of an Administrative Hearing

Pursuant to Rules 28-106.201 and 28-106.301, Fla. Admin. Code, initiation of an administrative hearing shall be made by written petition to the SFWMD in legible form and on 8 and 1/2 by 11 inch white paper. All petitions shall contain:

1. Identification of the action being contested, including the permit number, application number, District file number or any other SFWMD identification number, if known.
2. The name, address and telephone number of the petitioner and petitioner's representative, if any.
3. An explanation of how the petitioner's substantial interests will be affected by the agency determination.
4. A statement of when and how the petitioner received notice of the SFWMD's decision.
5. A statement of all disputed issues of material fact. If there are none, the petition must so indicate.
6. A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the SFWMD's proposed action.
7. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the SFWMD's proposed action.
8. If disputed issues of material fact exist, the statement must also include an explanation of how the alleged facts relate to the specific rules or statutes.
9. A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the SFWMD to take with respect to the SFWMD's proposed action.

A person may file a request for an extension of time for filing a petition. The SFWMD may, for good cause, grant the request. Requests for extension of time must be filed with the SFWMD prior to the deadline for filing a petition for hearing. Such requests for extension shall contain a certificate that the moving party has consulted with all other parties concerning the extension and that the SFWMD and any other parties agree to or oppose the extension. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

If the District's Governing Board takes action with substantially different impacts on water resources from the notice of intended agency decision, the persons who may be substantially affected shall have an additional point of entry pursuant to Rule 28-106.111, Fla. Admin. Code, unless otherwise provided by law.

Mediation

The procedures for pursuing mediation are set forth in Section 120.573, Fla. Stat., and Rules 28-106.111 and 28-106.401-405, Fla. Admin. Code. The SFWMD is not proposing mediation for this agency action under Section 120.573, Fla. Stat., at this time.

RIGHT TO SEEK JUDICIAL REVIEW

Pursuant to Sections 120.60(3) and 120.68, Fla. Stat., a party who is adversely affected by final SFWMD action may seek judicial review of the SFWMD's final decision by filing a notice of appeal pursuant to Florida Rule of Appellate Procedure 9.110 in the Fourth District Court of Appeal or in the appellate district where a party resides and filing a second copy of the notice with the SFWMD Clerk within 30 days of rendering of the final SFWMD action.

Last Date for Governing Board Action:
October 9, 2008

Water Use Staff Review Summary

Application Number: 040130-15
Permit Number: 06-00123-W
Project Name: FORT LAUDERDALE PUBLIC WATER SUPPLY

Water Use Permit Status: MODIFICATION/RENEWAL

Environmental Resource Permit Status: NOT APPLICABLE.

Right Of Way Permit Status: NOT APPLICABLE

Location: BROWARD COUNTY, S7-36/T49S/R42E
S7,18,19,30,31/T49S/R43E
S1-22/T50S/R42E
S6,7/T50S/R43E

Applicant's Name and Address: FORT LAUDERDALE CITY OF
PUBLIC SERVICES DEPARTMENT
949 NW 38TH STREET
FORT LAUDERDALE, FL 33309

Purpose:

The purpose of this application is to modify Water Use Permit Number 06-00123-W for public water supply for the City of Fort Lauderdale. Withdrawals are from the Floridan aquifer system via two existing and 14 proposed withdrawal facilities, and from the Biscayne aquifer via 64 existing and two proposed withdrawal facilities.

DRAFT
Subject to Governing
Board Approval

Staff Recommendations

Date Of Issuance: September 11, 2008
Expiration Date: September 11, 2028
Water Use Classification: Public Water Supply
Sources: **Ground Water from:** Biscayne Aquifer
Floridan Aquifer System

Recommended Allocation:

Annual Allocation: 22,334 Million Gallons (MG)
Maximum Monthly Allocation: 2,157.6 Million Gallons (MG)

| Specific Source Limitations: | Annual(MG) | Monthly(MG) |
|-------------------------------------|-------------------|--------------------|
| Biscayne Aquifer | 19181 | 1857 |

Existing Withdrawal Facilities - Ground Water

Source: Biscayne Aquifer

- 1 - 10" X 125' X 0 GPM Well Cased to 110 Feet
- 1 - 10" X 132' X 0 GPM Well Cased to 120 Feet
- 1 - 17" X 101' X 2100 GPM Well Cased to 80 Feet
- 1 - 17" X 90' X 2100 GPM Well Cased to 66 Feet
- 5 - 16" X 120' X 2100 GPM Wells Cased to 100 Feet
- 1 - 17" X 95' X 2100 GPM Well Cased to 82 Feet
- 1 - 17" X 91' X 2100 GPM Well Cased to 82 Feet
- 1 - 12" X 152' X 0 GPM Well Cased to 133 Feet
- 1 - 17" X 100' X 2100 GPM Well Cased to 80 Feet
- 2 - 20" X 150' X 2100 GPM Wells Cased to 100 Feet
- 1 - 17" X 90' X 2100 GPM Well Cased to 68 Feet
- 1 - 17" X 150' X 2100 GPM Well Cased to 112 Feet
- 1 - 17" X 90' X 2100 GPM Well Cased to 75 Feet
- 1 - 24" X 125' X 2800 GPM Well Cased to 100 Feet
- 2 - 12" X 80' X 0 GPM Wells Cased to 68 Feet
- 1 - 10" X 130' X 0 GPM Well Cased to 118 Feet
- 3 - 17" X 120' X 2100 GPM Wells Cased to 100 Feet
- 1 - 12" X 100' X 0 GPM Well Cased to 85 Feet
- 1 - 17" X 109' X 2100 GPM Well Cased to 86 Feet
- 7 - 24" X 120' X 2800 GPM Wells Cased to 90 Feet
- 2 - 17" X 0' X 2100 GPM UNCASSED Wells
- 1 - 12" X 131' X 0 GPM Well Cased to 116 Feet
- 3 - 12" X 76' X 0 GPM Wells Cased to 61 Feet
- 1 - 17" X 96' X 2100 GPM Well Cased to 70 Feet
- 1 - 12" X 94' X 0 GPM Well Cased to 79 Feet
- 3 - 20" X 120' X 2100 GPM Wells Cased to 100 Feet
- 1 - 12" X 115' X 0 GPM Well Cased to 100 Feet
- 1 - 17" X 103' X 2100 GPM Well Cased to 100 Feet
- 1 - 17" X 144' X 2100 GPM Well Cased to 105 Feet
- 1 - 10" X 128' X 0 GPM Well Cased to 116 Feet
- 3 - 10" X 125' X 0 GPM Wells Cased to 113 Feet
- 1 - 18" X 99' X 2100 GPM Well Cased to 81 Feet

Source: Biscayne Aquifer

1 - 18" X 102' X 2100 GPM Well Cased to 82 Feet

1 - 12" X 75' X 0 GPM Well Cased to 64 Feet

2 - 12" X 125' X 0 GPM Wells Cased to 110 Feet

1 - 17" X 116' X 2100 GPM Well Cased to 81 Feet

1 - 12" X 90' X 0 GPM Well Cased to 75 Feet

2 - 18" X 98' X 2100 GPM Wells Cased to 82 Feet

1 - 17" X 109' X 2100 GPM Well Cased to 90 Feet

1 - 17" X 103' X 2100 GPM Well Cased to 82 Feet

1 - 17" X 90' X 2100 GPM Well Cased to 62 Feet

Source: Floridan Aquifer System

1 - 16" X 1200' X 2100 GPM Well Cased to 1055 Feet

2 - 16" X 1200' X 3300 GPM Wells Cased to 1000 Feet

Proposed Withdrawal Facilities - Ground Water

Source: Biscayne Aquifer

2 - 24" X 120' X 2800 GPM Wells Cased to 90 Feet

Source: Floridan Aquifer System

14 - 16" X 1200' X 3300 GPM Wells Cased to 1000 Feet

Rated Capacity

| <u>Source</u> | <u>Status Code</u> | <u>GPM</u> | <u>MGM</u> | <u>MGY</u> |
|-------------------------|--------------------|----------------|----------------|---------------|
| Biscayne Aquifer | E | 95,900 | 4,198.1 | 50,405 |
| Floridan Aquifer System | E | 8,700 | 380.9 | 4,573 |
| Biscayne Aquifer | P | 5,600 | 245.1 | 2,943 |
| Floridan Aquifer System | P | 46,200 | 2,022.5 | 24,283 |
| Totals: | | 156,400 | 6,846.6 | 82,204 |

Project Description

The City of Fort Lauderdale (City) provides water to a diverse group of users both within and outside the City. The City covers an area of approximately 21,000 acres of residential, commercial (including tourism), industrial, recreation, public buildings, and other uses (See Exhibits 1 through 3).

In addition to the City of Ft. Lauderdale service area, the City provides water to all or parts of these additional municipal areas: Oakland Park, Wilton Manors, a portion of Tamarac, a portion of Broadview Park, Port Everglades, Lauderdale by the Sea, Sea Ranch Lakes, Dania, Davie and Broward County. The City currently obtains all of its raw water supply from two Biscayne aquifer wellfields, the Peele-Dixie Wellfield (Exhibit 4A) and the Prospect Wellfield (Exhibit 4B). Water from the Peele-Dixie Wellfield is treated at the Peele-Dixie Water Treatment Plant. Water from the Prospect Wellfield is treated at the Fiveash Water Treatment Plant. In May 2002, the permit was modified for a period of five years for an allocation of 18,469 million gallons per year (50.6 million gallons per day). At the time of this permit issuance, the Peele-Dixie Wellfield was source-limited to 10 million gallons per day, due to the presence of a groundwater contamination and clean-up project in the vicinity of the wellfield. In January, 2004, as a result of abatement of the contamination issue, the permit was modified to increase the Peele-Dixie Wellfield source limit to 15 million gallons per day, as well as to plug and abandon old wells (dating back to the 1950's), and construct new, high capacity wells suited to feed a nanofiltration treatment facility. No other changes to the permit, such as allocation or permit duration were requested at that time. This permit was issued in January 2004.

Shortly after the January 2004 permit modification, the City applied for this modification (Application No. 040130-15) to increase their allocation from the Biscayne aquifer to meet projected demands in the year 2024. The application requested an increase in allocation from the Biscayne aquifer to 65 million gallons per day on an average annual basis, and a maximum-monthly allocation of 77 million gallons per day. The applicant requested a 20-year duration for their existing permitted allocation and a five year duration for the requested increase. It should be noted that new permitting criteria had recently been developed and incorporated into the Water Use Basis of Review in September 2003. These criteria defined the Biscayne aquifer as a Minimum Flow and Levels Water Body Subject to a Recovery Strategy. The intent of this rule was to ensure that requested allocations would not directly or indirectly (through induced seepage) withdraw water from Everglades System Water Bodies. Applications for increased withdrawals could only be granted if the applicant quantified the amount of water induced from these Water Bodies, and that this quantity be counterbalanced through the implementation of alternative water sources so that no net loss from these Water Bodies occur due to proposed increased withdrawals. The City of Fort Lauderdale and the South Florida Water Management District worked extensively to resolve these issues. These issues had been largely resolved in 2005, with the City agreeing to limit their requested Biscayne aquifer allocation to an average withdrawal rate of 59 million gallons per day (about 8.4 million gallons per day more than the existing permit) and obtaining any additional water required to meet their demands from the Floridan aquifer system, which is considered an alternative water source, and committing to provide a schedule of projected alternative water supply and reclaimed water projects to compensate for potential impacts to the regional system (Waterbodies) due to the additional requested Biscayne aquifer withdrawals. The City will withdraw water from the Floridan aquifer system via two existing withdrawal facilities and 14 proposed withdrawal facilities, and from the Biscayne aquifer via 64 existing withdrawal facilities and two proposed withdrawal facilities. The location and description of these facilities can be found on Exhibits 4 and 5.

In April 2007, additional rule criteria were incorporated into the Water Use Basis of Review (Section 3.2.1.E), which further defined and codified the criteria under which additional withdrawals from the Regional System could be allowed. The intent of the Regional Water Availability rule is that requested increases in allocation cannot cause a net increase in the volume or cause a change in the timing on a monthly basis of the surface and groundwater withdrawn from the Lower East Coast Waterbodies (freshwater portions of Everglades National Park and Water Conservation Areas) over the base condition water use. The implementation of the Regional Water Availability Rule serves as an initial reservation of water for environmental water supply. As additional Comprehensive Everglades Restoration Plan projects are constructed, additional water will be reserved by the South Florida Water Management

Project Description

District and these reservations will build upon the Regional Water Availability Rule. Water not reserved for the environment under the Regional Water Availability Rule, or a Comprehensive Everglades Restoration Plan project reservation, can be available for permitted consumptive use as long as all consumptive use permitting criteria are met. For public water supplies, the base condition water use is that withdrawn over any consecutive twelve month period during the five years preceding April 1, 2006, provided these withdrawals do not exceed the permitted allocation. Subsequently, the City of Fort Lauderdale requested that their permit be structured in such a manner that their Biscayne Aquifer allocation conforms to the Regional Water Availability Rule, with their additional demands obtained from alternative water sources, such as the Floridan aquifer.

POPULATION PROJECTIONS AND PER-CAPITA USE RATE

Population Projections

A population of 315,461 is projected for the City's Service Area in the year 2028 (See Exhibit 7A). This projected population is a reduction from projections shown in the 2005 South Florida Water Management District Lower East Coast Water Supply Plan. These population projections are more current and are consistent with the Broward County 10-Year Water Supply Facilities Workplan (December, 2007). Exhibit 7A shows the projected growth in population for the City through the year 2028. The Broward County 10-Year Water Supply Facilities Workplan provides population numbers for the years 2005, 2010, 2015, 2020, and 2025. Population numbers for individual years shown on this exhibit were linearly interpolated from the published population numbers.

Per-Capita Use Rate

The rate of growth projected in the Broward County 10-Year Water Supply Facilities Workplan for the years 2005 through 2010 was used to estimate the City of Fort Lauderdale's population prior to 2005 (2002 through 2004). The past population estimates and reported wellfield pumping rates for the years 2003 through 2007 were used to determine the per-capita use rate, per Section 2.6.3 of the Water Use Basis of Review. As shown on Exhibit 7A, the average per capita daily use rate is calculated for the last five years or period of record, whichever is less, by dividing the average daily water withdrawals for each year of record by the permanent population served by the utility for the same period of time. The average per-capita use rate utilizing this methodology is approximately 197 gallons per day.

The City of Fort Lauderdale has indicated they are taking an aggressive approach to demand management and have developed a program based on several initiatives. The first initiative is based upon the City's current efforts at retrofitting and upgrading significant portions of its water delivery system including leak detection. Presently, unaccounted for water losses are estimated at 8.1 percent. The City anticipates that the percentage of unaccounted for water loss will be reduced as this process is implemented. The second initiative is the passage of an ordinance that should result in an estimated 10 percent reduction in the projected demands, compared to historical demands. The City anticipates that their Demand Management program will result in an estimated 7.0 million gallons per day reduction in demand over the duration of the permit. The final initiative is the continued implementation of existing programs such as; limitation of irrigation hours, ultra low-volume plumbing in new developments, xeriscaping principles, conservation based rate structure, rain sensor requirements and the City's water conservation education program. The City expects to achieve certain quantifiable goals in the implementation of this program and the City will provide data to the South Florida Water Management District on the progress of this demand management program. The City estimates this effort will result in an estimated per capita use rate of approximately 170 gallons per day. This per capita use rate is utilized for calculating the future demands for the service area, as shown on Exhibit 7A.

Maximum Monthly Peaking Ratio

Project Description

The maximum-monthly peaking ratio was calculated as per Section 2.6.4 (Maximum Monthly Peaking Ratio: Public Water Supply) of the Water Use Basis of Review. The ratio was calculated by dividing the peak monthly withdrawal rate by the annual withdrawal rate for the last three years of record. Based on these records, a maximum-monthly to average annual peaking ratio of approximately 1.14 was calculated, resulting in predicted maximum-monthly raw water demands of 69.59 million gallons per day (See Exhibit 7B).

Raw Water Demands

The City is proposing to withdraw water from the Biscayne aquifer and the Floridan aquifer, as per Section 3.2.1.E (Regional Water Availability Rule) of the Water Use Basis of Review. This section is a component of recovery strategies for minimum flows and levels for the Everglades and the Northwest Fork of the Loxahatchee River, as set forth in Chapter 40E-8, Florida Administrative Code, and assists in implementing the objective of the District to ensure that water necessary for Everglades restoration and restoration of the Loxahatchee River Watershed is not allocated for consumptive use upon permit renewal or modification under this rule. An applicant must demonstrate, pursuant to the impact evaluation provisions in Section 1.7.5.2. of the Water Use Basis of Review, that the requested allocation will not cause a net increase in the volume or cause a change in timing on a monthly basis of surface and ground water withdrawn from the Lower East Coast Everglades Waterbodies or the North Palm Beach County/Loxahatchee River Watershed Waterbodies over that resulting from the base condition water use. The "base condition water use" shall in no case exceed the withdrawal permitted to the applicant as of April 1, 2006. For the public water supply use class, the base water use condition is the maximum quantity of water withdrawn by the applicant from the permitted source during any consecutive twelve month period during the five years preceding April 1, 2006. If a permit allocation existing as of April 1, 2006 contains an allocation based on a conversion of a water treatment system, the base condition water use shall be increased to account for the additional volume used as if the modified treatment system was operational as of April 1, 2006.

Pumpage reports for the City were evaluated for the five years preceding April 1, 2006, and it was determined that the maximum quantity withdrawn under this criteria was approximately 50.9 million gallons per day, which occurred between September 2003 and August 2004. Because this quantity exceeds the permitted quantity of 50.6 million gallons per day, the baseline condition would be 50.6 million gallons per day. Since the previous permit issuance, the Town of North Andrews Gardens has terminated their water purchase agreement with the City of Fort Lauderdale, and will now be served by Broward County Utilities. This has the effect of reducing the baseline condition to 50.3 million gallons per day. Biscayne aquifer source limits are also specified for each wellfield, based on methodology described in Section 3.2.1.E of the Water Use Basis of Review.

The previous permit (issued in 2004) included the construction of a nanofiltration plant to treat the water from the Peele-Dixie Wellfield. Nanofiltration technology results in up to a 15 percent loss of raw water, compared to lime-softening, which was the treatment technology for the Peele-Dixie Wellfield until their nanofiltration plant went on-line around the beginning of 2008.

Therefore, the base condition is increased to account for the treatment losses at the Peele-Dixie Wellfield. Because the Peele-Dixie Wellfield is source limited to 15 million gallons per day, the calculated increase in raw water from the Biscayne aquifer will be derived from the Prospect Wellfield and has the net effect of increasing the average annual raw water Biscayne aquifer baseline allocation to 52.55 million gallons per day and the maximum-monthly allocation to 59.9 million gallons per day (52.55 times the 1.14 maximum-month peaking ratio). The baseline condition for the Peele-Dixie Wellfield is 15 million gallons per day. Up to 43.43 million gallons per day may be withdrawn from the Prospect Wellfield under average annual conditions, and up to 49.5 million gallons per day may be withdrawn from the Prospect Wellfield under maximum-monthly conditions. Total withdrawals from the two Biscayne aquifer wellfields shall not exceed 19,181 million gallons per year (52.55 million gallons per day) annually, and shall not exceed 1,857 million gallons per month (59.9 million gallons per day).

Project Description

All water required to meet the service area demands beyond the established base condition will be derived from the Floridan aquifer. Water from the Floridan aquifer is proposed to be treated with reverse-osmosis technology, which typically results in up to 25 percent loss of the raw water. Based on these demand projections (which factor in the elements of the City's Demand Management program), the City's total demand will be reduced by an estimated 7.0 million gallons per day under average annual conditions over the duration of the permit. The annual projected demand of approximately 61.52 million gallons per day will be met through the established base condition of 52.55 million gallons per day of raw Biscayne aquifer water, and approximately 9 million gallons of per day of raw Floridan aquifer water. These quantities may vary somewhat depending on achieved treatment efficiencies and variations in wellfield operations. Under maximum-monthly conditions, the City will require about 10 million gallons per day or more of raw Floridan aquifer water, depending on the level of Biscayne aquifer use. Exhibit 7B provides a more detailed description of how these quantities are derived.

In the event the City of Fort Lauderdale's anticipated demand reductions (through water conservation or other projects) do not meet projected demands, the City will pursue, through permit modification, an increase in Floridan aquifer withdrawals or other alternative sources of water.

Aquifer Impact Assessment

Biscayne Aquifer

The applicant utilized a calibrated flow model (based on the South Florida Water Management District's Broward County MODFLOW model, which was utilized for planning purposes in the 2000 Lower East Coast Water Supply Plan) which demonstrated that the proposed withdrawals will not cause harm to existing legal users, environmentally sensitive features, or induce the movement of saline water or known sources of contamination. Several predictive simulations were run, with 15 million gallons per day withdrawn from the Peele-Dixie Wellfield, and up to 52 million gallons per day from the Prospect Wellfield. Results of these runs showed that pumping these wellfields at these rates would not cause harm to the resource. Withdrawals from the Prospect Wellfield will be limited to 43.43 million gallons per day on an average annual basis, which is the established base condition calculated from reported wellfield withdrawals, as described in Section 3.2.1.E of the Water Use Basis of Review (Regional Water Availability Rule). Applying the maximum-monthly peaking factor results in a maximum-monthly withdrawal limit of 49.5 million gallons per day from the Prospect Wellfield. As previously discussed, withdrawals from the Peele-Dixie Wellfield are limited to 15 million gallons per day. Total withdrawals from the Biscayne aquifer shall not exceed 52.55 million gallons per day annually.

Floridan Aquifer

The applicant provided an impact assessment for the proposed Floridan aquifer withdrawals. The analytical transient leaky aquifer solution contained in WinFlow (Environmental Simulations, Inc. 1995) based on equations developed by Hantush and Jacob (1955) was used. The applicant simulated a total withdrawal rate of 33 million gallons per day, with 25 million gallons per day from the Prospect Wellfield area and 8 million gallons per day from the Peele-Dixie Wellfield for a period of 90 days. It should be noted that when this modeling simulation was run, the City was projecting greater demands based on larger projected population numbers and a greater per-capita use rate. Actual withdrawal rates should be significantly less (approximately 10 million gallons per day), which would also reduce the anticipated drawdown in the Floridan aquifer, compared to the results presented. The parameters used for this simulation were obtained from testing performed at the South Florida Water Management District C-13 Floridan Aquifer testing site, based on the site's proximity to the Prospect Wellfield and the level of testing performed at this site.

The pertinent hydrologic parameters utilized were as follows:

Transmissivity - 120,000 gallons per day per foot (16,043 feet-squared per day)

Project Description

Storativity (unit less) 0.00037

Leakance 0.0002 (1/Day)

As shown on Exhibit 8, the modeling results indicate that less than 0.2 feet of drawdown at the Hollywood and Broward County 2A wellfields would occur as a result of the City's proposed withdrawals at the end of a 90 day impact scenario. The modeling also indicates that approximately 2.0 feet of drawdown at the City of Sunrise aquifer storage and recovery well. The City of Sunrise has indicated that this aquifer storage and retrieval well will be used as a Floridan Aquifer production well. This well is located within the cone of influence (greater than 1.0 feet of drawdown) predicted by the City's proposed maximum withdrawal rate. It should be noted that the Floridan aquifer modeling was conducted at a time when the City was anticipating a higher growth and per capita use rate, and therefore a greater withdrawal rate was simulated. Based on the City of Fort Lauderdale's projected demands, Floridan aquifer withdrawals should be about 10 million gallons per day on a maximum-monthly basis, assuming full utilization of the Biscayne aquifer (See Exhibit 7B).

Impact Assessments

Water Resource Availability

Biscayne Aquifer

The thickness of the surficial aquifer system (within which the Biscayne aquifer occurs) in the project area is estimated to be about 300 feet (SFWMD Technical Publication 92-05). Land surface at the Peele-Dixie Wellfield is approximately 10 feet National Geodetic Vertical Datum. The greatest amount of drawdown predicted to occur in the Biscayne aquifer due to the proposed withdrawals is estimated to be about 1.3 feet. This amount of drawdown is not considered to be of a magnitude to harm the yield of the Biscayne Aquifer in this area.

No changes in operation (relocation of wells or well withdrawal rates) are proposed for the Prospect Wellfield under this application. The City has historically operated the Prospect Wellfield at rates equal or greater than the recommended allocation for this permit modification. Note that the Peele-Dixie Wellfield is source-limited to 15 million gallons per day, and the annual Biscayne aquifer withdrawal rate for the two wellfields shall not exceed 52.55 million gallons per day.

The potential for harm to occur to the sustained safe yield of the aquifer as a result of the withdrawal of the recommended allocation is considered to be minimal.

Floridan Aquifer System

The deeper Floridan aquifer system is present in all of Florida and parts of adjacent states. United States Geological Survey Water Resource Investigation 94-4010 is a study of the Floridan aquifer system in southeastern Florida. In northerneastern Broward County, the top of the Floridan aquifer system is about 1,000 ft below sea level. The upper Floridan aquifer is generally 500 to 600 feet thick. There are no current water level maps of the upper Floridan aquifer available in this area. However, potentiometric heads of 40 feet above sea level were historically measured in this area.

The cumulative analytical impact assessment modeling performed for the Floridan aquifer shows that a maximum of about 294 feet of drawdown within individual wells at the Prospect wellfield and about 94 feet of drawdown within individual wells at the Peele-Dixie Wellfield could occur in the Floridan aquifer at the end of 90 days at a total withdrawal rate of 33 million gallons per day (25 million gallons per day at the Prospect site and 8 million gallons per day at the Peele-Dixie site). Actual withdrawals are anticipated to be much less, on the order of 10 to 12 million gallons per day, which will result in less drawdown than reported. Water levels in the Upper Floridan aquifer should remain approximately 750 feet above the top of the aquifer at the location of maximum drawdown, assuming a worst-case withdrawal rate of 33 million gallons per day from the Floridan aquifer.

The potential for harm to occur to the sustained safe yield of the aquifer as a result of the withdrawal of the recommended allocation is considered minimal.

Existing Legal Users

Biscayne Aquifer

The existing legal user nearest to the Peele-Dixie Wellfield is Fort Lauderdale Country Club (water use permit number 06-00056-W). The Peele-Dixie Wellfield is located within the golf course. The permit is for golf course irrigation from six wells. The estimated drawdown due to the applicant's use at the golf course site is 1 foot. Land surface elevation in the area is approximately 10 feet NGVD. Water level data indicate that the dry season water level is approximately 1.0 feet NGVD, or 9 feet below land surface, which is within the withdrawal capability of a centrifugal well pump (estimated to be approximately 20 feet below land surface). The measured water level reflects historical pumpage from the Peele-Dixie Wellfield.

No changes in operation (relocation of or increase in withdrawal) are proposed for the Prospect Wellfield under this application. Withdrawals from the Biscayne aquifer at the Prospect Wellfield are limited an annual withdrawal rate of 43.43 million gallons per day, as determined by the criteria for deriving the base condition under Section 3.2.1 E of the Water Use Basis of Review.

The potential for harm to occur to existing legal users as a result of the withdrawal of the recommended allocation is considered to be minimal.

Floridan Aquifer System

The cumulative drawdown analysis described in the Project Description section of this staff report indicated approximately 0.2 feet of drawdown could occur at the Hollywood and Broward County 2A Floridan aquifer wells. A drawdown of approximately 2.0 feet could occur at the City of Sunrise's Floridan aquifer well. This amount of drawdown is minimal and would not be expected to affect the ability of these permittees to withdraw water from the Floridan aquifer at their permitted quantity.

The potential for harm to occur to existing legal users as a result of the withdrawal of the recommended allocation is considered minimal.

Saline Water Intrusion

Biscayne Aquifer

The currently active wells in the Peele-Dixie Wellfield are located further away from the North New River Canal than the previously used and recently abandoned production wells. The North New River Canal is a potential source of both regional surface water and saline water. In addition, saline groundwater occurs within the Biscayne aquifer east of the Peele-Dixie Wellfield. The City of Fort Lauderdale has been monitoring a series of five conductivity profile wells located in and to the east of the Peele-Dixie Wellfield. In addition, five conductivity profile wells also are being monitored in the vicinity of the Prospect wellfield. Data collected from these wells has shown that saline water does not appear to be moving inland at these Wellfields. The applicant provided a cell by cell mass balance analysis of the hydrologic model showing that the net flow of groundwater at the saltwater interface should remain seaward under the proposed operating schedule of the Peele-Dixie Wellfield per section 3.4 (2) of the Water Use Basis of Review during a 1-in-10 drought.

Due to the slow-moving nature of the saltwater intrusion front, the existing conductivity profile wells shall continue to be monitored semi-annually. The purpose of these wells is to provide early warning of potential saline water intrusion along preferential high-permeability zones associated with the production zone of the aquifer at the Peele-Dixie Wellfield.

Under normal operating conditions, the Prospect Wellfield should operate at a lower withdrawal rate

than realized in the recent past, based on the assumption that the Peele-Dixie Wellfield operates at the source limit of 15 million gallons per day. Under normal operating conditions, the Prospect Wellfield is limited to an annual withdrawal rate of 43.43 million gallons per day, as determined by the criteria for deriving the base condition under Section 3.2.1 E of the Water Use Basis of Review.

Floridan Aquifer System

The upper Floridan aquifer of the Floridan aquifer system, as indicated by the chloride values in the District C-13 aquifer performance test (1,000-1,200 foot interval), is saline (chloride concentration approximately 4,218 milligrams per liter). The chloride concentration in water obtained in the aquifer performance test from the deeper middle Floridan aquifer zone (1,500-1,600 foot zone) was approximately 2,800 milligrams per liter. Due to better water quality in the 1,500 to 1,600 foot zone and the hydrologic separation from the saline water in the deeper lower Floridan aquifer, the potential for saline water intrusion due to upconing is considered minimal.

Wetlands

Biscayne Aquifer

The nearest wetlands to the Peele-Dixie Wellfield are located at Pond Apple Slough south of the North New River and west of Interstate 95, approximately 9,000 feet east of the wellfield. The groundwater drawdown due to the cumulative withdrawal is estimated to be 0.1 foot at Pond Apple Slough. The drawdown due to the City's proposed withdrawal alone is estimated to be less than 0.1 foot.

No changes in operation (relocation of or increase in withdrawal) are proposed for the Prospect Wellfield under this application. The Prospect Wellfield should not exceed a total withdrawal rate of 43.43 million gallons per day, as this represents the highest quantity of water withdrawn from the wellfield under the criteria for deriving the base condition under Section 3.2.1 E of the Water Use Basis of Review.

Therefore, the potential for harm to occur to wetlands as a result of the withdrawal of the recommended allocation is considered minimal.

Floridan Aquifer System

The surficial aquifer system and the Floridan aquifer system are separated by the Hawthorn formation, which is a thick (approximately 600 feet) sequence of extremely low permeability clays.

Therefore, the potential for the proposed Floridan aquifer withdrawals to affect the hydrology of the surficial aquifer system, which in turn supports wetland hydroperiods, is considered minimal.

Source Of Pollution

Biscayne Aquifer

PEELE-DIXIE WELLFIELD

Volatile organic compounds were detected in groundwater monitoring wells in the southern half of the wellfield as early as 1986. An Administrative Order on Consent for Removal Action was executed between the City and the United States Environmental Protection Agency (EPA). The order provided for the City to take actions to contain and remediate the groundwater contamination through the operation of the wellfield in conjunction with water treatment at the plant. The City operated an air stripping system capable of treating contaminated water withdrawn by production wells 17 and 18 in the wellfield. The system began operations in January 1995. The wellfield was restricted to a maximum daily pumpage of 10 million gallons, as continued from the 1997 permit renewal. For the 2004 permit modification, the applicant provided documentation that the contamination associated with this plume had been abated. In order to assure that the proposed withdrawal locations of the wellfield do not

cause significant movement of known contamination, the three closest known sources of contamination to the northern end of the wellfield were identified by the applicant. Groundwater modeling indicated that the withdrawal scenario (15 million gallons per day) proposed for the wellfield would not cause significant movement of potential contamination beneath these sites.

PROSPECT WELLFIELD

A source of contamination (FAC-ID 9063935) was recently identified about 0.35 miles from production wells 40 and 48 in the wellfield. However, no changes in operation (relocation of or increase in withdrawal) are proposed for the Prospect Wellfield under this application. The Prospect Wellfield is limited to an annual withdrawal rate of 43.43 million gallons per day, as determined by the criteria for deriving the base condition under Section 3.2.1 E of the Water Use Basis of Review. The permittee should monitor the progress of this potential source of contamination to ensure this potential source of contamination does not migrate to active production wells.

The potential for movement of contaminants, if present, from known pollution sources as a result of the withdrawal of the recommended allocation is considered minimal.

Floridan Aquifer System

The surficial aquifer system and the Floridan aquifer system are separated by the Hawthorn formation, which is a thick (approximately 600 feet) sequence of extremely low permeability clays.

The potential for movement of contaminants, if present, from known pollution sources as a result of the withdrawal of the recommended allocation is considered minimal.

Additional Information

CONDITIONS OF ISSUANCE:

Pursuant to Limiting Condition No. 17, prior to withdrawing water as authorized by the permit, the Permittee shall provide the results of the calibration testing of the identified water accounting method(s) and equip all proposed withdrawal facilities with approved water use accounting method(s). Pursuant to Limiting Condition No. 17, every five years from the date of Permit issuance, the Permittee shall submit re-calibration data on each water pumping accounting facility. Pursuant to Limiting Condition No. 18, monthly withdrawals for each withdrawal facility shall be submitted to the District quarterly.

PAST PUMPAGE AND PER-CAPITA USE RATE:

For the years 2002 through 2007, the City has withdrawn water from their two Biscayne aquifer Wellfields at the following annual rates (Pumping rates in million gallons per day):

| | PEELE-DIXIE | PROSPECT | TOTAL |
|------|-------------|----------|-------|
| 2002 | 6.59 | 42.91 | 49.50 |
| 2003 | 7.50 | 42.46 | 49.96 |
| 2004 | 7.50 | 42.26 | 49.77 |
| 2005 | 7.27 | 37.64 | 46.76 |
| 2006 | 7.86 | 40.39 | 48.25 |
| 2007 | 4.43 | 34.79 | 39.21 |

For the years 2003 through 2007, the average per-capita use rate was approximately 197 gallons per day per person (see Exhibit 7A). This calculated per-capita use rate includes bulk sales of approximately

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1.9 million gallons per day to Port Everglades. Water provided to Port Everglades is utilized by cruise ships and other industrial uses that are independent of the permanent or seasonally adjusted service area population. Subtracting the 1.9 million gallons per day delivered to Port Everglades results in an adjusted per capita use rate of about 189 gallons per day per person. Additionally, the City anticipates an estimated ten percent reduction in water use demands over the duration of the permit as a result of proposed water conservation measures, resulting in an estimated per capita use rate of approximately 170 gallons per day per person. These proposed water conservation measures are discussed in greater detail in the Water Conservation Section of this staff report.

FINISHED WATER DEMANDS

Based on recently updated population projections and a per-capita use rate of 170 gallons per person per day, plus 1.9 million gallons per day delivered to Port Everglades, the annual average finished water demands are projected to be about 20,268 million gallons per year (55.53 million gallons per day million gallons per day), and 1,960 million gallons per month (63.3 million gallons per day) for the maximum month for the year 2028.

RAW WATER ALLOCATION

The City has indicated that their Biscayne aquifer withdrawals from the Peele-Dixie Wellfield will be treated via nanofiltration, and the Floridan aquifer withdrawals will be treated via reverse-osmosis. Water withdrawn from the Prospect Wellfield will continue to be treated via lime-softening. The City of Fort Lauderdale is completing the conversion of the Peele Dixie Plant to nanofiltration treatment. Inefficiency rates for membranes in the utilization of this technology are initially estimated at 15 percent to calculate raw water demands, but this figure could be revised based on actual operations of the Plant, engineering analysis, and specific bench-testing of the technology. In order to provide this quantity of finished water with the proposed sources and treatment systems, it is anticipated the City will withdraw the following quantities of raw water (in millions of gallons per day) from the following sources:

| | PEELE-DIXIE | PROSPECT | FLORIDAN | TOTAL |
|---------|-------------|----------|----------|-------|
| ANNUAL | 15 | 37.55 | 8.97 | 61.52 |
| MAX-MO. | 15 | 44.82 | 10.23 | 70.04 |

Pursuant to Limiting Condition 5, the annual Biscayne aquifer withdrawal rate for the Peele-Dixie Wellfield is not to exceed 15 million gallons per day. The annual withdrawal rate from the Prospect is not to exceed 43.43 million gallons per day from the Biscayne aquifer. Total annual Biscayne aquifer withdrawals are not to exceed 52.55 million gallons per day.

Pursuant to Limiting Condition 5, the maximum-monthly Biscayne aquifer withdrawal rate for the Peele-Dixie Wellfield is not to exceed 15 million gallons per day. The maximum-monthly Biscayne aquifer withdrawal rate from the Prospect Wellfield is not to exceed 49.5 million gallons per day. The total maximum-monthly Biscayne aquifer withdrawals are not to exceed 59.82 million gallons per day.

These annual and maximum-monthly limits on Biscayne aquifer withdrawals meet the Regional Water Availability criteria outlined in Section 3.2.1.E of the Water Use Basis of Review, and allow the City some flexibility in wellfield operations for seasonal optimization and facility maintenance.

INTERCONNECTS

The City has interconnects with Broward County Utilities, Plantation, Dania, Davie, and Pompano Beach.

Additional Information

WATER CONSERVATION PLAN

Pursuant to the Water Use Basis of Review, Section 2.6.1, Water Conservation Plans, all public water supply utilities are required to develop and implement a water conservation plan. Each of the mandatory water conservation elements must exist or have a proposed time frame for implementation.

The City's Water Conservation Plan is consistent with this requirement in the Water Use Basis of Review and each element listed below is a strategy in the South Florida Water Management District's Water Conservation Program Plan. This Plan is premised on principles found in the State's Conserve Florida program.

The applicant is developing a 20 year water conservation plan that includes water reduction goals, actions and funding requirements to achieve the goals and milestone dates for implementation of actions. The City's plan was developed for the City of Fort Lauderdale and the various entities within the City's Service Area (See Exhibit 6). Details of proposed actions, costs and timelines can be found in Exhibit 9A and 9B. The City estimates that elements of this plan will result in a reduction in finished water per capita from 189 to 170 by the year 2028. Limiting Condition 24 and 25 require implementation of the plan along with annual reporting of progress and 5-year audits to determine if water use adjustments are necessary.

The applicant has provided the following water conservation plan elements:

a) Limitation of lawn and ornamental irrigation hours - The City of Ft. Lauderdale Ordinance No. 47-58.7 was adopted on March 2, 1993, and stipulates that all lawn and ornamental irrigation will be limited to the hours, at a minimum, of 4:00 p.m. to 10:00 a.m. This ordinance is less restrictive than Broward County Ordinance No. 91-8, therefore the County ordinance prevails.

b) Use of Xeriscape principles - The City of Ft. Lauderdale Ordinance No. 90-14 includes Xeriscape principles through the use of drought tolerant landscape species, grouping of plant material by water requirements, the use of irrigation systems that conserve the use of potable and non-potable water supplies and restrictions of the amount of lawn areas. The ordinance requires Xeriscape to be integrated in all landscaping for new construction.

c) Requirement of ultra-low volume plumbing in new construction - The City of Ft. Lauderdale relies upon Section 6 of the Broward County code which prohibits a City from enacting standards different from the South Florida Building Code relative to ultra-low volume plumbing standards.

d) Water conservation based rate structure - The City of Ft. Lauderdale placed into effect a tiered schedule of water rates to encourage conservation, which was incorporated into its Code of Ordinances on March 1, 1996. Additionally, the City of Ft. Lauderdale modified the rate ordinance in 2006 to include an additional surcharge during formally declared Phase I, II, III or IV water restrictions. The Ordinance includes a surcharge on water, wastewater, and sprinkling meter commodity charges. In the event the South Florida Water Management District declares a drought and mandates water restrictions in one (1) of the four (4) established drought phases, the City of Fort Lauderdale will implement a surcharge on the residential users, whole sale user agreements and industrial user charges. The amount of surcharge shall be based on the level of declaration of a Phase I, Phase II, Phase III or Phase IV level of water restrictions and the number of gallons generated by the user.

e) Leak Detection - The City of Ft. Lauderdale initiated a leak detection program in 1990 which was completed in 1992. The entire main distribution system was surveyed and the City continues to perform visual checks by field personnel. The City has implemented an improved compound meter testing program and changes out all meters over 5 years old. Unaccounted for losses are currently approximately 8.1 percent.

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f) Rain Sensor Device Ordinance - The City of Ft. Lauderdale Ordinance 47-58.7 which contains provisions for the requirement of rain sensors on new irrigation systems.

g) Water Conservation Education Program - The City of Ft. Lauderdale publishes a variety of brochures and literature, promoting water conservation that are available to members of the public upon request. The City also maintains an active public information campaign on water conservation and restrictions on irrigation using Environmental Inspectors, Code Enforcement Officers, and Police Officers. In addition, the City of Ft. Lauderdale website (<http://www.fortlauderdale.gov>) includes a water conservation page.

h) See Alternative Sources discussion below

i) Water demand reduction ordinance - The City of Fort Lauderdale will enact an Ordinance implementing a permanent water demand reduction plan. The City estimates the ordinance will result in a 10 percent reduction from historical and projected annual demand. The Ordinance will be adopted in accordance with the timeline shown on Exhibit 9A.

ALTERNATIVE WATER SUPPLY INITIATIVES

In order to meet projected demands, it is anticipated the City will require approximately 9 to 10 million gallons per day of raw Floridan aquifer water (or other water alternative sources) to meet average annual and peak monthly demands during the next 20 years in two 10-year phases. Over the life of the permit, the City will develop a Comprehensive Water Conservation and Demand Management Program, as well as investigate the feasibility of utilizing additional alternative sources, such as further development of the Floridan aquifer, capturing stormwater, and wastewater reuse projects.

Per capita demand is projected to decrease as a result of water conservation efforts and development of alternative water supplies. Development of alternative sources should help the City meet future demands. Development of alternative sources could potentially counterbalance or even reduce impacts to Everglades Water Bodies with respect to the base condition water use. The City anticipates that these water conservation and alternative source development efforts should, over time, result in an overall reduction in raw water demands (see Alternative Water Supply / Offset Project Deadlines and Goals, Exhibit 9A and 9B). The City acknowledges that it may need to change the timing or scope of the Project Deadlines and Goals outlined in this Exhibit due to factors beyond its control. Additionally, the City expects to modify the permit to incorporate any or all of the alternatives being evaluated. The following section summarizes some of these proposed efforts:

1. Proposed Alternative Water Supply Projects (Phase I): 2008 - 2018

The City will meet its demands until 2013 with its base condition water use of 52.55 MGD from the Biscayne Aquifer. To meet future demands in excess of the Biscayne aquifer withdrawal limits, the City will utilize Floridan aquifer water at the planned Dixie reverse-osmosis water treatment facility. The new facility will have a finished water capacity of 6.0 million gallons per day and is scheduled to be in service in 2013. The project was included in the 2006 Lower East Coast Water Supply Plan, and after studying the feasibility of the project, the City is now moving into the design phase.

2. Alternative water supply projects and offsets (Phase II): 2018 - 2028

To meet demands beyond 2018, the City is studying the feasibility of several alternative water sources and offset projects including additional Floridan aquifer use, stormwater capture projects, reuse, and other alternative water supply projects. Upon the implementation of such projects, the City may provide technical assessments (consistent with criteria described in the Water Use Basis of Review) supporting an application to modify the permit to increase Biscayne aquifer withdrawals, beyond the established baseline condition.

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Feasibility Study for Reuse.

Since direct canal discharge of reclaimed water is limited due to local County regulation, the most feasible and viable use of reclaimed water is for irrigation or aquifer recharge. Currently, Broward County water body classifications and standards severely limit the ability to use reclaimed water in the City of Fort Lauderdale. The City is finalizing a "Feasibility Study for Reuse" that will target where reclaimed water projects can be implemented and determine the potential beneficial uses of reclaimed water projects as an alternative supply or offset. A copy of the most current scope of work (or deliverable from the effort) is contained in the permit file.

The Permittee is proposing to implement approximately 12 to 15 million gallons per day of reclaimed water projects over the life of the permit (starting in year 2018). These projects include 1) use of reclaimed water as a source for concentrate blending 2) use of reclaimed water for aquifer recharge and indirect well recharge to offset impacts of any increased withdrawals from the Biscayne Aquifer on the regional Central & Southern Florida system; and 3) implement the City's reclaimed water feasibility plan elements.

As a part of this Feasibility Study for Reuse, the City is analyzing a project to tap the flow at the E and B Re-Pumps and process the water via a membrane bio-reactor, ultraviolet-disinfection, and reverse osmosis. The water produced (up to 5 million gallons per day at the E re-pump and up to 20 million gallons per day at the B re-pump) could be injected into shallow wells (Biscayne) to the west of the location of saline water known to exist within the Biscayne aquifer due to the proximity of the Atlantic Ocean to City of Fort Lauderdale. Implementation of this project could potentially allow an increase in withdrawals from the Prospect Wellfield, provided the project is determined to be technically and environmentally feasible, and meets established criteria with respect to the Regional Water Availability Rule, as outlined in Section 3.2.1.E of the Water Use Basis of Review. Any additional allocation resulting from such a program would be treated at the Fiveash Water treatment Plant (located at the Prospect Wellfield) using the lime softening process. Other options for this reclaimed (or salvaged) water would be recharge via french drains at the Prospect Wellfield, or recharge by pumping into the C-14, Dew Lake, or either of the two lakes at Prospect Wellfield.

The City has stated that analyses conducted to date have shown that through various wellfield recharge, concentrate blending and irrigation projects, the City can potentially utilize 12 to 15 million gallons per day of reclaimed water. Based on these analyses, the City anticipates a reclaimed water project of at least 3.0 million gallons per day going into service by 2018.

Stormwater Capture: The City of Fort Lauderdale has completed modeling efforts regarding stormwater capture near the Prospect Wellfield. The City has also recently started to develop a Stormwater Master Plan. Excess water in the C-14 is discharged to tide via the S-37A Structure. C-13 and C-12 release excess water via S-35 and S-33. All three structures are gated spillways. Excess stormwater released at S-37A is captured and routed directly to the Prospect Lake as wellfield recharge. When conditions are favorable (when excess canal water is available), up to 35 cubic feet per second of water is diverted into Prospect Lake and the Prospect Wellfield through interconnects with the C-14 Canal. Additional interconnects with the C-13 and C-12 could result in more stormwater capture. The City has stated that surface water modeling indicates that 11 million gallons per day was available for capture in three recent 1-in-10 dry-season events. While the infrastructure does not exist yet to capture all of that flow, the construction of additional conveyance connections could utilize some level of that seasonal water discharged to tide. The City anticipates a stormwater capture project of at least 4.0 million gallons per day going into service by 2023.

Aquifer Storage and Recovery (ASR): Instead of using the Floridan aquifer ASR well built within the Fiveash compound as a traditional ASR, the City is analyzing a project to line the walls and connect to withdraw Floridan water at a rate to be determined following an evaluation to determine the impact of

Additional Information

these potential withdrawals on the overall quality of the finished water treated at the Fiveash lime-softening treatment plant. This alternative could add between 0.5 to 2 million gallons per day of additional finished water.

Use of nanofiltration concentrate: The City is evaluating alternatives for the beneficial use of Nanofiltration concentrate to reduce groundwater withdrawals from the Floridan or Biscayne aquifers. The City plans on evaluating three overall approaches (1) Blending nanofiltration concentrate with Floridan aquifer water for subsequent treatment by brackish water reverse osmosis; (2) Recycling nanofiltration concentrate to augment Nanofiltration feed water; and (3) Direct use of treated concentrate to blend with nanofiltration and reverse osmosis product.

Regional Water Supply Projects: The City is also participating in a regional multi-jurisdictional study commonly referred to as the "Feasibility Study of a Sub-Regional Lower East Coast Water Supply Solution". This scope of this effort is to evaluate the feasibility of a regional water supply and storage project that will capture excess flows in the West C-51 Basin beyond those flows needed to achieve restoration or be provided by Comprehensive Everglades Restoration Plan Projects. According to the West C-51 Basin project, water could then be used to counteract withdrawals from the regional system which could then be transferred to other areas to supplement supplies. This feasibility study includes participants from other county and municipal governments as well as the South Florida Water Management District.

WELLFIELD PROTECTION ORDINANCE

The City's wellfields are protected under the Broward County Wellfield Protection Ordinance. Wellfield Protection Ordinance-Chapter 27-12 of the County Environmental Regulations, Pollution Control, contains the wellfield protection requirements.

AQUIFER STORAGE AND RECOVERY ACTIVITIES

The applicant has indicated that cycle testing conducted on the existing aquifer storage and recovery well shows that this well may not be suitable for ASR and may be converted to a production well at a later date.

MINIMUM FLOWS AND LEVELS (MFL)

Biscayne Aquifer -The Biscayne aquifer is an MFL water body covered under a prevention strategy set forth in Chapter 40E-8, FAC. The Biscayne aquifer MFL is defined as the water level which results in movement of the saltwater interface landward to the extent the water quality of an established withdrawal point is insufficient to serve as a water supply source. Consumptive use permit criteria for MFLs are located in Section 3.9 of the Water Use Basis of Review. Groundwater flow modeling (described in the Aquifer Impact Assessment section of this staff report) indicates that the recommended allocation (which does not exceed actual historical withdrawal rates or permitted allocations) from the Biscayne aquifer will not induce harmful movement of the saline water interface. Therefore, the recommended allocation is consistent with the Biscayne aquifer MFL Prevention Plan.

Everglades -The Everglades is an MFL water body under a recovery plan under Rule 40E-8.421. Section 3.9, Basis of Review, contains criteria to be evaluated to determine consistency between requested allocations and the MFL recovery plan. Under Section 3.9.1C of the Water Use Basis of Review, the requested use meets the requirements of the section if the use is consistent with the recovery plan in the applicable regional water supply plan (LEC, 2005-2006). Section 3.2.1 E, Basis of Review, alternatively known as the regional water availability rule, is a component of the recovery strategy for MFLs for the Everglades. The staff considers the recommended allocation to be consistent with the MFL recovery plan for the Everglades because it is consistent with the regional water availability language

Additional Information

described in the Project Description Section of this staff report.

REGIONAL WATER AVAILABILITY

As described on Page 6, the requested allocation from the Biscayne aquifer is consistent with criteria contained Section 3.2.1.E (Regional Water Availability Rule) of the Water Use Basis of Review. Specifically, the requested allocation from the Biscayne aquifer does not exceed the "base condition water use", as defined under the Regional Water Availability Rule.

MONITORING

Pursuant to Limiting Condition 29, The Permittee shall continue to submit monitoring data in accordance with the approved saline water intrusion monitoring program for this project.

The Permittee's monitoring plan shall be implemented as follows:

The five conductivity profile wells at the Peele-Dixie Wellfield and the five conductivity profile wells at the Prospect Wellfield shall be monitored and the data submitted semi-annually (twice per year), once at the end of the wet season, and once at the end of the dry season. In addition, the Permittee shall evaluate the existing monitoring program for the purpose of determining the level of assurance provided by the plan relative to any changes in wellfield operations and submit the results of this evaluation and any proposed changes to the plan to the District within 6 months of permit issuance for District approval.

COMPLIANCE REPORTING

Pursuant to Limiting Condition 24, for uses with an annual allocation greater than 10 MGD and a permit duration of 20 years, every five years from the date of permit issuance, the permittee shall submit a water use compliance report for review and approval by District Staff, which addresses the following:

1. The results of a water conservation audit that documents the efficiency of water use on the project site using data produced from an onsite evaluation conducted. In the event that the audit indicates additional water conservation is appropriate or the per capita use rate authorized in the permit is exceeded, the permittee shall propose and implement specific actions to reduce the water use to acceptable levels within timeframes proposed by the permittee and approved by the District.
2. A comparison of the permitted allocation and the allocation that would apply to the project based on current District allocation rules and updated population and per capita use rates. In the event the permit allocation is greater than the allocation provided for under District rule, the permittee shall apply for a letter modification to reduce the allocation consistent with District rules and the updated population and per capita use rates to the extent they are considered by the District to be indicative of long term trends in the population and per capita use rates over the permit duration. In the event that the permit allocation is less than allowable under District rule, the permittee shall apply for a modification of the permit to increase the allocation if the permittee intends to utilize an additional allocation, or modify its operation to comply with the existing conditions of the permit.

EMERGENCY PREPAREDNESS STUDY

Pursuant to Limiting Condition 30, Within two years of permit issuance, potable public water supply utilities are required to provide a study evaluating emergency water supply preparedness, including

Additional Information

analysis of demand management measures, potential pumpage shifting and the feasibility of emergency interconnections for the purpose of supplying water on a short-term, emergency basis to adjoining utilities. The Permittee must provide the District with a copy of the study. As to emergency interconnects, the feasibility study must assess the technical, physical and economic ability of the Permittee to develop interconnecting pipes capable of delivering water to adjoining utilities to meet emergency, short-term water supply needs. (in the event of an interconnect being established, individual public water supply Permit allocations will not address the emergency usage.) It is the policy of the District to encourage emergency interconnects between adjoining public water supply utilities for the purpose of providing emergency water supply. Thus, where the feasibility study indicates emergency interconnects are possible, the District encourages the adjoining utilities to implement the same.

PERMIT DURATION

The applicant requested a permit duration of 20 years pursuant to Chapter 373.236 F.S. Based on the reasonable assurances provided by the applicant as described in the Impact Evaluation Section of the Staff Report, including years of operation without causing any water resource problems, Staff concludes that a 20-year duration permit should be issued with a Biscayne aquifer limit based on historic pumpage consistent with Section 3.2.1(E)(3), Basis of Review, and future demands met by the proposed Floridan aquifer wellfield.

Recommendations

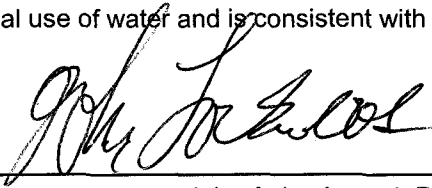
Project Name: FORT LAUDERDALE PUBLIC WATER SUPPLY
Application Number: 040130-15
Permit Number: 06-00123-W
Date Of Issuance: September 11, 2008

DRAFT
Subject to Governing
Board Approval

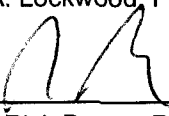
Recommendations:

Staff recommends modification of Water Use Permit No. 06-00123-W for public water supply for the City of Fort Lauderdale Service Area. Withdrawals are from Biscayne aquifer via 64 existing withdrawal facilities and two proposed withdrawal facilities, and from the Floridan aquifer system via two existing withdrawal facilities and 14 proposed withdrawal facilities. The use is reasonable-beneficial, will not interfere with any presently existing legal use of water and is consistent with the public interest. The use is further subject to 30 limiting conditions.

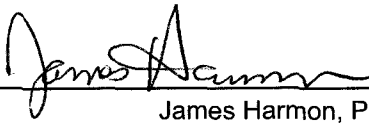
Application Reviewer:


Date: 9/8/08
John A. Lockwood, P.G.

Supervisor:


Date: 9/8/08
Rick Bower, P.G.

Water Use Division:


Date: 9/8/08
James Harmon, P.G.

Limiting Conditions

1. This permit shall expire on September 11, 2028.
2. Application for a permit modification may be made at any time.
3. Water use classification:

Public water supply

4. Source classification is:

Ground Water from:
Biscayne Aquifer
Floridan Aquifer System

5. Annual allocation shall not exceed 22334 MG.

Maximum monthly allocation shall not exceed 2157.6 MG.

The following limitations to annual withdrawals from specific sources are stipulated:

Biscayne Aquifer-: 19,181 MG.

The following limitations to maximum monthly withdrawals from specific sources are stipulated:

Biscayne Aquifer-: 1,857.00 MG.

Based on the established base condition as specified in the Regional Water availability Rule (Section 3.2.1.E of the water Use Basis of review) and modeling impact scenarios, Wellfield/Source Limitations are as follows:

Total Biscayne aquifer withdrawals shall not exceed 19,181 million gallons per year (52.55 million gallons per day), and 1,857 million gallons per month (59.9 million gallons per day).

Biscayne aquifer withdrawals from the Peele-Dixie Wellfield are limited to 5,475 million gallons per year (15 million gallons per day), and 465 million gallons per month (15 million gallons per day).

Biscayne aquifer withdrawals from the Prospect Wellfield are limited to 15,853 million gallons per year (43.43 million gallons per day), and 1,534.5 million gallons per month (49.5 million gallons per day).

6. Pursuant to Rule 40E-1.6105, F.A.C., Notification of Transfer of Interest in Real Property, within 30 days of any transfer of interest or control of the real property at which any permitted facility, system, consumptive use, or activity is located, the permittee must notify the District, in writing, of the transfer giving the name and address of the new owner or person in control and providing a copy of the instrument effectuating the transfer, as set forth in Rule 40E-1.6107, F.A.C.

Pursuant to Rule 40E-1.6107 (4), until transfer is approved by the District, the permittee shall be liable for compliance with the permit. The permittee transferring the permit shall remain liable for all actions that are required as well as all violations of the permit which occurred prior to the transfer of the permit.

Failure to comply with this or any other condition of this permit constitutes a violation and pursuant to Rule 40E-1.609, Suspension, Revocation and Modification of Permits, the District may suspend or revoke the permit.

This Permit is issued to:

City of Fort Lauderdale
Public Services Department
949 NW 38th Street

Limiting Conditions

Fort Lauderdale, FL 33309

7. Withdrawal Facilities:

Ground Water - Existing:

- 1 - 17" X 144' X 2100 GPM Well Cased To 105 Feet
- 1 - 12" X 152' X 0 GPM Well Cased To 133 Feet
- 1 - 18" X 102' X 2100 GPM Well Cased To 82 Feet
- 1 - 12" X 100' X 0 GPM Well Cased To 85 Feet
- 1 - 10" X 132' X 0 GPM Well Cased To 120 Feet
- 1 - 17" X 90' X 2100 GPM Well Cased To 75 Feet
- 1 - 17" X 100' X 2100 GPM Well Cased To 80 Feet
- 1 - 10" X 128' X 0 GPM Well Cased To 116 Feet
- 1 - 10" X 125' X 0 GPM Well Cased To 110 Feet
- 1 - 17" X 96' X 2100 GPM Well Cased To 70 Feet
- 1 - 17" X 103' X 2100 GPM Well Cased To 100 Feet
- 1 - 17" X 90' X 2100 GPM Well Cased To 66 Feet
- 2 - 20" X 150' X 2100 GPM Wells Cased To 100 Feet
- 7 - 24" X 120' X 2800 GPM Wells Cased To 90 Feet
- 1 - 16" X 1200' X 2100 GPM Well Cased To 1055 Feet
- 1 - 12" X 115' X 0 GPM Well Cased To 100 Feet
- 3 - 17" X 120' X 2100 GPM Wells Cased To 100 Feet
- 1 - 24" X 125' X 2800 GPM Well Cased To 100 Feet
- 2 - 18" X 98' X 2100 GPM Wells Cased To 82 Feet
- 5 - 16" X 120' X 2100 GPM Wells Cased To 100 Feet
- 1 - 12" X 75' X 0 GPM Well Cased To 64 Feet
- 1 - 10" X 130' X 0 GPM Well Cased To 118 Feet
- 1 - 12" X 94' X 0 GPM Well Cased To 79 Feet
- 2 - 12" X 125' X 0 GPM Wells Cased To 110 Feet
- 2 - 12" X 80' X 0 GPM Wells Cased To 68 Feet
- 2 - 16" X 1200' X 3300 GPM Wells Cased To 1000 Feet
- 2 - 17" X 0' X 2100 GPM Uncased Wells
- 1 - 17" X 91' X 2100 GPM Well Cased To 82 Feet
- 1 - 17" X 150' X 2100 GPM Well Cased To 112 Feet
- 1 - 17" X 90' X 2100 GPM Well Cased To 68 Feet
- 1 - 17" X 109' X 2100 GPM Well Cased To 90 Feet
- 3 - 10" X 125' X 0 GPM Wells Cased To 113 Feet
- 1 - 17" X 116' X 2100 GPM Well Cased To 81 Feet
- 1 - 17" X 103' X 2100 GPM Well Cased To 82 Feet
- 1 - 12" X 90' X 0 GPM Well Cased To 75 Feet
- 1 - 17" X 90' X 2100 GPM Well Cased To 62 Feet
- 1 - 17" X 101' X 2100 GPM Well Cased To 80 Feet
- 1 - 12" X 131' X 0 GPM Well Cased To 116 Feet
- 1 - 17" X 109' X 2100 GPM Well Cased To 86 Feet
- 3 - 12" X 76' X 0 GPM Wells Cased To 61 Feet
- 1 - 18" X 99' X 2100 GPM Well Cased To 81 Feet
- 3 - 20" X 120' X 2100 GPM Wells Cased To 100 Feet
- 1 - 17" X 95' X 2100 GPM Well Cased To 82 Feet

Ground Water - Proposed:

- 14 - 16" X 1200' X 3300 GPM Wells Cased To 1000 Feet

Limiting Conditions

2 - 24" X 120' X 2800 GPM Wells Cased To 90 Feet

8. Permittee shall mitigate interference with existing legal uses that was caused in whole or in part by the permittee's withdrawals, consistent with the approved mitigation plan. As necessary to offset the interference, mitigation will include pumpage reduction, replacement of the impacted individual's equipment, relocation of wells, change in withdrawal source, or other means.

Interference to an existing legal use is defined as an impact that occurs under hydrologic conditions equal to or less severe than a 1 in 10 year drought event that results in the:

(1) Inability to withdraw water consistent with provisions of the permit, such as when remedial structural or operational actions not materially authorized by existing permits must be taken to address the interference; or

(2) Change in the quality of water pursuant to primary State Drinking Water Standards to the extent that the water can no longer be used for its authorized purpose, or such change is imminent.

9. Permittee shall mitigate harm to existing off-site land uses caused by the permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the permittee to modify withdrawal rates or mitigate the harm. Harm caused by withdrawals, as determined through reference to the conditions for permit issuance, includes:

(1) Significant reduction in water levels on the property to the extent that the designed function of the water body and related surface water management improvements are damaged, not including aesthetic values. The designed function of a water body is identified in the original permit or other governmental authorization issued for the construction of the water body. In cases where a permit was not required, the designed function shall be determined based on the purpose for the original construction of the water body (e.g. fill for construction, mining, drainage canal, etc.)

(2) Damage to agriculture, including damage resulting from reduction in soil moisture resulting from consumptive use; or

(3) Land collapse or subsidence caused by reduction in water levels associated with consumptive use.

10. Permittee shall mitigate harm to the natural resources caused by the permittee's withdrawals, as determined through reference to the conditions for permit issuance. When harm occurs, or is imminent, the District will require the permittee to modify withdrawal rates or mitigate the harm. Harm, as determined through reference to the conditions for permit issuance includes:

(1) Reduction in ground or surface water levels that results in harmful lateral movement of the fresh water/salt water interface,

(2) Reduction in water levels that harm the hydroperiod of wetlands,

(3) Significant reduction in water levels or hydroperiod in a naturally occurring water body such as a lake or pond,

(4) Harmful movement of contaminants in violation of state water quality standards, or

(5) Harm to the natural system including damage to habitat for rare or endangered species.

Limiting Conditions

11. If any condition of the permit is violated, the permit shall be subject to review and possible modification, enforcement action, or revocation.
12. Authorized representatives of the District shall be permitted to enter, inspect, and observe the permitted system to determine compliance with special conditions.
13. The Permittee is advised that this permit does not relieve any person from the requirement to obtain all necessary federal, state, local and special district authorizations.
14. The permit does not convey any property right to the Permittee, nor any rights and privileges other than those specified in the Permit and Chapter 40E-2, Florida Administrative Code.
15. Permittee shall submit all data as required by the implementation schedule for each of the limiting conditions to: S.F.W.M.D., Supervising Hydrogeologist - Post-Permit Compliance, Water Use Regulation Dept. (4320), P.O. Box 24680, West Palm Beach, FL 33416-4680.
16. In the event of a declared water shortage, water withdrawal reductions will be ordered by the District in accordance with the Water Shortage Plan, Chapter 40E-21, F.A.C. The Permittee is advised that during a water shortage, pumpage reports shall be submitted as required by Chapter 40E-21, F.A.C.
17. Prior to the use of any proposed water withdrawal facility authorized under this permit, unless otherwise specified, the Permittee shall equip each facility with a District-approved operating water use accounting system and submit a report of calibration to the District, pursuant to Section 4.1, Basis of Review for Water Use Permit Applications.

In addition, the Permittee shall submit a report of recalibration for the water use accounting system for each water withdrawal facility (existing and proposed) authorized under this permit every five years from each previous calibration, continuing at five-year increments.

18. Monthly withdrawals for each withdrawal facility shall be submitted to the District quarterly. The water accounting method and means of calibration shall be stated on each report.
19. The Permittee shall notify the District within 30 days of any change in service area boundary. If the Permittee will not serve a new demand within the service area for which the annual allocation was calculated, the annual allocation may then be subject to modification and reduction.
21. Permittee shall determine unaccounted-for distribution system losses. Losses shall be determined for the entire distribution system on a monthly basis. Permittee shall define the manner in which unaccounted-for losses are calculated. Data collection shall begin within six months of Permit issuance. Loss reporting shall be submitted to the District on a yearly basis from the date of Permit issuance.
22. Permittee shall maintain an accurate flow meter at the intake of the water treatment plant for the purpose of measuring daily inflow of water.
23. Prior to any application to renew or modify this permit, the Permittee shall evaluate long term water supply alternatives and submit a long term water supply plan to the District. Within one year of permit issuance, the Permittee shall submit to the District an outline of the proposed plan. The assessment should include consideration of saline intrusion, wellfield protection, plans for compliance with applicable wellfield protection ordinances, expected frequencies and plans to cope with water shortages or well field failures, and conservation measures to reduce overall stresses on the aquifer.
24. For uses with an annual allocation greater than 10 MGD and a permit duration of 20 years, every five years from the date of permit issuance, the permittee shall submit a water use compliance report for review and approval by District Staff, which addresses the following:

1. The results of a water conservation audit that documents the efficiency of water use on the project site using data produced from an onsite evaluation conducted. In the event that the audit indicates additional water conservation is appropriate or the per capita use rate authorized in the permit is

Limiting Conditions

exceeded, the permittee shall propose and implement specific actions to reduce the water use to acceptable levels within timeframes proposed by the permittee and approved by the District.

2. A comparison of the permitted allocation and the allocation that would apply to the project based on current District allocation rules and updated population and per capita use rates. In the event the permit allocation is greater than the allocation provided for under District rule, the permittee shall apply for a letter modification to reduce the allocation consistent with District rules and the updated population and per capita use rates to the extent they are considered by the District to be indicative of long term trends in the population and per capita use rates over the permit duration. In the event that the permit allocation is less than allowable under District rule, the permittee shall apply for a modification of the permit to increase the allocation if the permittee intends to utilize an additional allocation, or modify its operation to comply with the existing conditions of the permit.

25. The Water Conservation Plan required by Section 2.6.1 of the Basis of Review for Water Use Permit Applications within the South Florida Water Management District, must be implemented in accordance with the approved implementation schedule.

See Exhibit 9.

26. If a proposed well location is different from a location specified in the application, the Permittee shall submit to the District an evaluation of the impact of pumpage from the proposed well location on adjacent existing legal uses, pollution sources, environmental features, the saline water interface, and water bodies one month prior to all new well construction. The Permittee is advised that the proposal must be in compliance with all permitting criteria and performance standards in effect at the time of submittal, and that a formal modification of the permit shall be required if the withdrawals from the well location will result in an environmental or resource impact significantly greater than that anticipated in the permit review process.
27. If at any time there is an indication that the well casing, valves, or controls leak or have become inoperative, repairs or replacement shall be made to restore the system to an operating condition. Failure to make such repairs shall be cause for filling and abandoning the well, in accordance with procedures outlined in Chapters 40E-3 and 40E-30, Florida Administrative Code.
28. The Permittee shall submit to the District an updated Well Description Table (Table A) within one month of completion of the proposed wells identifying the actual total and cased depths, pump manufacturer and model numbers, pump types, intake depths and type of meters.
29. The Permittee shall continue to submit monitoring data in accordance with the approved saline water intrusion monitoring program for this project.
The Permittee's monitoring plan shall be implemented as follows:

The five conductivity profile wells at the Peele-Dixie Wellfield and the five conductivity profile wells at the Prospect Wellfield shall be monitored and the data submitted semi-annually (twice per year), once at the end of the wet season, and once at the end of the dry season. In addition, the Permittee shall evaluate the existing monitoring program for the purpose of determining the level of assurance provided by the plan relative to any changes in wellfield operations and submit the results of this evaluation and any proposed changes to the plan to the District within 6 months of permit issuance for District approval.

30. Within two years of permit issuance, potable public water supply utilities are required to provide a study evaluating emergency water supply preparedness, including analysis of demand management measures, potential pumpage shifting and the feasibility of emergency interconnections for the purpose of supplying water on a short-term, emergency basis to adjoining utilities. The Permittee must provide the District with a copy of the study. As to emergency interconnects, the feasibility study must assess the technical, physical and economic ability of the Permittee to develop interconnecting

Limiting Conditions

pipes capable of delivering water to adjoining utilities to meet emergency, short-term water supply needs. (in the event of an interconnect being established, individual public water supply Permit allocations will not address the emergency usage.) It is the policy of the District to encourage emergency interconnects between adjoining public water supply utilities for the purpose of providing emergency water supply. Thus, where the feasibility study indicates emergency interconnects are possible, the District encourages the adjoining utilities to implement the same.

APPENDIX 2-A

CITY OF TAMARAC 2013 LEC WATER SUPPLY PLAN UPDATE

CITY OF TAMARAC

County: Broward County

Service Area: City of Tamarac

Description: The water supply for the City of Tamarac is obtained from the SAS and treated using a lime softening process. City officials indicated that the city is experiencing a change in demographics that could result in more rapid growth in population and water demand than those anticipated by the analysis presented in this plan. The 2005-2006 LEC Plan Update recommended the city consider the construction of FAS wells and a 2-MGD RO treatment system to meet future demands. Current projections, however, indicate that the project may not be needed during the twenty-year planning horizon.

| POPULATION AND FINISHED WATER DEMAND | | | |
|---|--|--------------|--------------|
| | Existing | Projected | |
| | 2010 | 2020 | 2030 |
| Population | 56,064 | 58,760 | 61,456 |
| Per Capita (gallons per day finished water) | 105 | 105 | 105 |
| Potable Water Demands (daily average annual finished water in MGD) | 5.89 | 6.17 | 6.45 |
| SFWMD WATER USE PERMITTED (06-00071-W) ALLOCATION (MGD) | | | |
| Potable Water Source | Existing | Projected | |
| | 2010 | 2020 | 2030 |
| Fresh Water | 7.19 | 7.19 | 7.19 |
| Brackish Water | 0.00 | 0.00 | 0.00 |
| Total Allocation | 7.19 | 7.19 | 7.19 |
| POTABLE WATER TREATMENT CAPACITY | | | |
| FDEP Permitted Capacity | Cumulative Facility & Project Capacity (MGD) | | |
| | Existing | Projected | |
| | 2012 | 2020 | 2030 |
| Fresh Water | 16.00 | 16.00 | 16.00 |
| Brackish Water | 0.00 | 0.00 | 0.00 |
| Planned Project Capacity | 0.00 | 0.00 | 2.00 |
| Total Capacity | 16.00 | 16.00 | 18.00 |
| NONPOTABLE WATER TREATMENT CAPACITY | | | |
| Reclaimed Water | 0.00 | 0.00 | 0.00 |

| PROJECT SUMMARY | | | | | |
|-----------------------|----------------|-----------------|---------------------------------|--|------|
| Water Supply Projects | Source | Completion Date | Total Capital Cost (\$ Million) | Projected Cumulative Design Capacity (MGD) | |
| | | | | 2020 | 2030 |
| Potable Water | | | | | |
| RO WTP | Brackish Water | 2022 | \$19.00 | 0.00 | 2.00 |
| Total | | | \$19.00 | 0.00 | 2.00 |

APPENDIX 3-A

POPULATION, RAW WATER, AND FINISHED WATER PROJECTIONS

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

City of Tamarac
Population Projections

| Year | Population in BCWWS Area - District 1 | Population in Fort Lauderdale Area | Total in City of Tamarac Utility Service Area | Population in City of Tamarac | Year | Population in BCWWS Area - District 1 | Population in Fort Lauderdale Area | Total in City of Tamarac Utility Service Area | Population in City of Tamarac | Year | Population in BCWWS Area - District 1 | Population in Fort Lauderdale Area | Total in City of Tamarac Utility Service Area | Population in City of Tamarac |
|------|---------------------------------------|------------------------------------|---|-------------------------------|------|---------------------------------------|------------------------------------|---|-------------------------------|------|---------------------------------------|------------------------------------|---|-------------------------------|
| 2008 | | | 55,916 | | 2018 | 2,194 | 2,158 | 62,369 | 66,289 | 2028 | 2,336 | 2,162 | 66,934 | 71,000 |
| 2009 | | | 56,400 | | 2019 | 2,201 | 2,160 | 63,055 | 66,984 | 2029 | 2,346 | 2,171 | 67,333 | 71,417 |
| 2010 | 2,100 | 1,497 | 56,884 | 60,049 | 2020 | 2,208 | 2,162 | 63,741 | 67,679 | 2030 | 2,356 | 2,179 | 67,732 | 71,835 |
| 2011 | 2,114 | 1,628 | 57,570 | 60,880 | 2021 | 2,228 | 2,157 | 64,140 | 68,093 | 2031 | 2,381 | 2,181 | 68,131 | 72,261 |
| 2012 | 2,129 | 1,759 | 58,255 | 61,711 | 2022 | 2,247 | 2,152 | 64,539 | 68,506 | 2032 | 2,407 | 2,183 | 68,530 | 72,687 |
| 2013 | 2,143 | 1,890 | 58,941 | 62,542 | 2023 | 2,267 | 2,147 | 64,938 | 68,920 | 2033 | 2,432 | 2,184 | 68,929 | 73,114 |
| 2014 | 2,158 | 2,021 | 59,627 | 63,374 | 2024 | 2,286 | 2,142 | 65,337 | 69,334 | 2034 | 2,458 | 2,186 | | |
| 2015 | 2,172 | 2,152 | 60,132 | 64,024 | 2025 | 2,306 | 2,137 | 65,736 | 69,747 | 2035 | 2,483 | 2,188 | | |
| 2016 | 2,179 | 2,154 | 60,998 | 64,899 | 2026 | 2,316 | 2,145 | 66,135 | 70,165 | | | | | |
| 2017 | 2,186 | 2,156 | 61,684 | 65,594 | 2027 | 2,326 | 2,154 | 66,535 | 70,582 | | | | | |

Notes:

55,916 - Cells in Green Color are Population projections were obtained from Utility Service Area - City of Tamarac Water Use Permit (Issued on February 3, 2014)

2,100 - Cells in Red Color are Population projections for BCWWS Area - District 1 were obtained from the Broward County Water Facilities Work Plan (Appendix A, Dated November 20, 2014).

1,497 - Cells in Blue Color are Population projections for the City of Fort Lauderdale Servicing Tamarac were obtained from the Broward County Water Facilities Work Plan (Working Draft, Dated November 10, 2014)

60,049 - Cells in Purple Color are Population projections for the City of Tamarac within the City's boundaries.

1. There are two (2) areas within the City of Tamarac that are being served by Broward County and the City of Fort Lauderdale. The first area is Lakes of Carriage Hills (served by Broward County), and the second area is the West Area of Fort Lauderdale (served by Fort
2. City of Tamarac serves The Courtyards in North Lauderdale which has a population of 432. This population is considered to be at a built-out stage.
3. The total population increase from the areas being served by Broward County and the City of Fort Lauderdale within the City of Tamarac Utility Service Area and the population decrease from the areas being served by the City of Tamarac Utilities Department is as follows:

| | | | | | | | |
|------------|---------------------|---|------------------------------|---|------------------------|---|--------------|
| | Broward County Area | + | City of Fort Lauderdale Area | - | The Courtyards in N.L. | = | net increase |
| Year: 2010 | 2,100 | + | 1,497 | - | 432 | = | 3,165 |

4. Population between years 2020 and 2033 were calculated using linear interpolation from the 2022 and 2033 populations given for the City of Tamarac Service Area. These population projections were adjusted to show the population within the City of Tamarac Utility Service Area. Example:

Population within City of Tamarac Utility Service Area in the year 2033: 68,929

Population within City of Tamarac City Limits in the year 2033: 72,094

$$\frac{\text{Population 2034} - \text{Population 2020}}{2034 - 2020} = \frac{68,929 - 63,741}{2033 - 2020} = 399$$

Solving for Population 2021: 63,741 + 399 = 64,140

Solving for Utility Service Area Population 2021: 67,284 + 399 = 67,683

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Service Area: City of Tamarac

PAST WATER USE (RAW WATER)

| YEAR | PAST POPULATION* | PER CAPITA USAGE (GPD) | TOTAL ANNUAL USE (MG) | AVERAGE MONTH USE (MG) | RATIO MAX:AVE | MAXIMUM MONTH USE (MG) | AVERAGE DAILY USE (MGD) | MAXIMUM DAILY USE (MGD) |
|------|------------------|------------------------|-----------------------|------------------------|---------------|------------------------|-------------------------|-------------------------|
| 2008 | 55,916 | 108 | 2,210 | 184 | 1.12 | 207 | 6.055 | 6.899 |
| 2009 | 56,400 | 111 | 2,279 | 190 | 1.08 | 206 | 6.244 | 6.861 |
| 2010 | 56,884 | 113 | 2,350 | 196 | 1.04 | 204 | 6.438 | 6.794 |
| 2011 | 57,570 | 109 | 2,288 | 191 | 1.08 | 205 | 6.268 | 6.837 |
| 2012 | 58,255 | 103 | 2,188 | 182 | 1.09 | 199 | 5.995 | 6.617 |

Given that the total annual usage and maximum month use for the year 2012 are too low since the excessive rainfall precipitation in this year, this year needs to be taken out of the average per capita calculation. Therefore, per capita usage calculation will only take into account the average from years 2008 to 2011.

Average per capita (5yrs): **110.3** Average peaking (5yrs): **1.07**

PROJECTED WATER USE (RAW WATER)

| YEAR | PROJECTED POPULATION* | PER CAPITA USAGE (GPD) | TOTAL ANNUAL USE (MG) | AVERAGE MONTH USE (MG) | RATIO MAX:AVE | MAXIMUM MONTH USE (MG) | AVERAGE DAILY USE (MGD) | MAXIMUM DAILY USE (MGD) |
|------|-----------------------|------------------------|-----------------------|------------------------|---------------|------------------------|-------------------------|-------------------------|
| 2013 | 58,941 | 110.0 | 2,366 | 197 | 1.07 | 211 | 6.484 | 7.034 |
| 2014 | 59,627 | 110.0 | 2,394 | 200 | 1.07 | 213 | 6.559 | 7.116 |
| 2015 | 60,132 | 110.0 | 2,414 | 201 | 1.07 | 215 | 6.615 | 7.176 |
| 2016 | 60,998 | 110.0 | 2,449 | 204 | 1.07 | 218 | 6.710 | 7.279 |
| 2017 | 61,684 | 110.0 | 2,477 | 206 | 1.07 | 221 | 6.785 | 7.361 |
| 2018 | 62,369 | 110.0 | 2,504 | 209 | 1.07 | 223 | 6.861 | 7.443 |
| 2019 | 63,055 | 110.0 | 2,532 | 211 | 1.07 | 226 | 6.936 | 7.525 |
| 2020 | 63,741 | 110.0 | 2,559 | 213 | 1.07 | 228 | 7.012 | 7.607 |
| 2021 | 64,140 | 110.0 | 2,575 | 215 | 1.07 | 230 | 7.055 | 7.654 |
| 2022 | 64,539 | 110.0 | 2,591 | 216 | 1.07 | 231 | 7.099 | 7.702 |
| 2023 | 64,938 | 110.0 | 2,607 | 217 | 1.07 | 232 | 7.143 | 7.749 |
| 2024 | 65,337 | 110.0 | 2,623 | 219 | 1.07 | 234 | 7.187 | 7.797 |
| 2025 | 65,736 | 110.0 | 2,639 | 220 | 1.07 | 235 | 7.231 | 7.845 |
| 2026 | 66,135 | 110.0 | 2,655 | 221 | 1.07 | 237 | 7.275 | 7.892 |
| 2027 | 66,535 | 110.0 | 2,671 | 223 | 1.07 | 238 | 7.319 | 7.940 |
| 2028 | 66,934 | 110.0 | 2,687 | 224 | 1.07 | 240 | 7.363 | 7.988 |
| 2029 | 67,333 | 110.0 | 2,703 | 225 | 1.07 | 241 | 7.407 | 8.035 |
| 2030 | 67,732 | 110.0 | 2,719 | 227 | 1.07 | 242 | 7.450 | 8.083 |
| 2031 | 68,131 | 110.0 | 2,735 | 228 | 1.07 | 244 | 7.494 | 8.130 |
| 2032 | 68,530 | 110.0 | 2,751 | 229 | 1.07 | 245 | 7.538 | 8.178 |
| 2033 | 68,929 | 110.0 | 2,767 | 231 | 1.07 | 247 | 7.582 | 8.226 |

* Source of Projected Population Information (Numbers are in Italic and Bold): City of Tamarac Water Use Permit (Issued February 3, 2014)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Service Area: City of Tamarac

PAST WATER USE (TREATED WATER)

| YEAR | PAST POPULATION* | PER CAPITA USAGE (GPD) | TOTAL ANNUAL USE (MG) | AVERAGE MONTH USE (MG) | RATIO MAX:AVE | MAXIMUM MONTH USE (MG) | AVERAGE DAILY USE (MGD) | MAXIMUM DAILY USE (MGD) |
|------|---------------------|---------------------------------|-----------------------------|------------------------------|------------------|------------------------------|-------------------------------|-------------------------------|
| 2008 | 55,916 | 98 | 2,005 | 167 | 1.13 | 189 | 5.493 | 6.300 |
| 2009 | 56,400 | 102 | 2,105 | 175 | 1.08 | 190 | 5.767 | 6.333 |
| 2010 | 56,884 | 104 | 2,155 | 180 | 1.05 | 189 | 5.904 | 6.300 |
| 2011 | 57,570 | 105 | 2,209 | 184 | 1.04 | 191 | 6.052 | 6.367 |
| 2012 | 58,255 | 100 | 2,135 | 178 | 1.12 | 199 | 5.849 | 6.633 |

Average per capita (5yrs): 102.0 Average peaking (3yrs): 1.08

PROJECTED WATER USE (TREATED WATER)

| YEAR | PROJECTED POPULATION* | PER CAPITA USAGE (GPD) | TOTAL ANNUAL USE (MG) | AVERAGE MONTH USE (MG) | RATIO MAX:AVE | MAXIMUM MONTH USE (MG) | AVERAGE DAILY USE (MGD) | MAXIMUM DAILY USE (MGD) |
|------|--------------------------|---------------------------------|-----------------------------|------------------------------|------------------|------------------------------|-------------------------------|-------------------------------|
| 2013 | 58,941 | 102.0 | 2,194 | 183 | 1.08 | 198 | 6.010 | 6.609 |
| 2014 | 59,627 | 102.0 | 2,219 | 185 | 1.08 | 201 | 6.080 | 6.686 |
| 2015 | 60,132 | 102.0 | 2,238 | 186 | 1.08 | 202 | 6.131 | 6.742 |
| 2016 | 60,998 | 102.0 | 2,270 | 189 | 1.08 | 205 | 6.220 | 6.839 |
| 2017 | 61,684 | 102.0 | 2,296 | 191 | 1.08 | 207 | 6.290 | 6.916 |
| 2018 | 62,369 | 102.0 | 2,321 | 193 | 1.08 | 210 | 6.359 | 6.993 |
| 2019 | 63,055 | 102.0 | 2,347 | 196 | 1.08 | 212 | 6.429 | 7.070 |
| 2020 | 63,741 | 102.0 | 2,372 | 198 | 1.08 | 214 | 6.499 | 7.147 |
| 2021 | 64,140 | 102.0 | 2,387 | 199 | 1.08 | 216 | 6.540 | 7.192 |
| 2022 | 64,539 | 102.0 | 2,402 | 200 | 1.08 | 217 | 6.581 | 7.236 |
| 2023 | 64,938 | 102.0 | 2,417 | 201 | 1.08 | 218 | 6.621 | 7.281 |
| 2024 | 65,337 | 102.0 | 2,432 | 203 | 1.08 | 220 | 6.662 | 7.326 |
| 2025 | 65,736 | 102.0 | 2,446 | 204 | 1.08 | 221 | 6.703 | 7.371 |
| 2026 | 66,135 | 102.0 | 2,461 | 205 | 1.08 | 222 | 6.743 | 7.415 |
| 2027 | 66,535 | 102.0 | 2,476 | 206 | 1.08 | 224 | 6.784 | 7.460 |
| 2028 | 66,934 | 102.0 | 2,491 | 208 | 1.08 | 225 | 6.825 | 7.505 |
| 2029 | 67,333 | 102.0 | 2,506 | 209 | 1.08 | 226 | 6.866 | 7.545 |
| 2030 | 67,732 | 102.0 | 2,521 | 210 | 1.08 | 228 | 6.906 | 7.590 |
| 2031 | 68,131 | 102.0 | 2,536 | 211 | 1.08 | 229 | 6.947 | 7.635 |
| 2032 | 68,530 | 102.0 | 2,550 | 212 | 1.08 | 230 | 6.988 | 7.680 |
| 2033 | 68,929 | 102.0 | 2,565 | 214 | 1.08 | 232 | 7.028 | 7.724 |

* Source of Projected Population Information (Numbers are in Italic and Bold): City of Tamarac Water Use Permit (Issued February 3, 2014)

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Service Area: City of Tamarac

PROJECTED TREATMENT SURPLUS / DEFICIT (TREATED WATER AND RAW WATER)

| YEAR | PROJECTED POPULATION* | AVERAGE MONTH USE (MG) - TREATED WATER | AVERAGE MONTH USE (MG) - RAW WATER | AVERAGE DAILY USE (MGD) - TREATED WATER | AVERAGE DAILY USE (MGD) - RAW WATER | Treatment Surplus / Deficit (MGD) | Average Day Surplus / Deficit (MGD) |
|------|--------------------------|--|---|---|--|---|---|
| 2013 | 58,941 | 183 | 197 | 6.010 | 6.484 | 9.52 | 1.10 |
| 2014 | 59,627 | 185 | 200 | 6.080 | 6.559 | 9.44 | 1.02 |
| 2015 | 60,132 | 186 | 201 | 6.131 | 6.615 | 9.39 | 0.97 |
| 2016 | 60,998 | 189 | 204 | 6.220 | 6.710 | 9.29 | 0.87 |
| 2017 | 61,684 | 191 | 206 | 6.290 | 6.785 | 9.21 | 0.79 |
| 2018 | 62,369 | 193 | 209 | 6.359 | 6.861 | 9.14 | 0.72 |
| 2019 | 63,055 | 196 | 211 | 6.429 | 6.936 | 9.06 | 0.64 |
| 2020 | 63,741 | 198 | 213 | 6.499 | 7.012 | 8.99 | 0.57 |
| 2021 | 64,140 | 199 | 215 | 6.540 | 7.055 | 8.94 | 0.52 |
| 2022 | 64,539 | 200 | 216 | 6.581 | 7.099 | 8.90 | 0.48 |
| 2023 | 64,938 | 201 | 217 | 6.621 | 7.143 | 8.86 | 0.44 |
| 2024 | 65,337 | 203 | 219 | 6.662 | 7.187 | 8.81 | 0.39 |
| 2025 | 65,736 | 204 | 220 | 6.703 | 7.231 | 8.77 | 0.35 |
| 2026 | 66,135 | 205 | 221 | 6.743 | 7.275 | 8.73 | 0.31 |
| 2027 | 66,535 | 206 | 223 | 6.784 | 7.319 | 8.68 | 0.26 |
| 2028 | 66,934 | 208 | 224 | 6.825 | 7.363 | 8.64 | 0.22 |
| 2029 | 67,333 | 209 | 225 | 6.866 | 7.407 | 8.59 | 0.17 |
| 2030 | 67,732 | 210 | 227 | 6.906 | 7.450 | 8.55 | 0.13 |
| 2031 | 68,131 | 211 | 228 | 6.947 | 7.494 | 8.51 | 0.09 |
| 2032 | 68,530 | 212 | 229 | 6.988 | 7.538 | 8.46 | 0.04 |
| 2033 | 68,929 | 214 | 231 | 7.028 | 7.582 | 8.42 | (0.00) |

Treatment Capacity = 16.00 MGD
Average Day Allocation of Raw Water (Per WUP) = 7.58 MGD

* Source of Projected Population Information (Numbers are in Italic and Bold): City of Tamarac Water Use Permit (Issued February 3, 2014)

APPENDIX 3-B

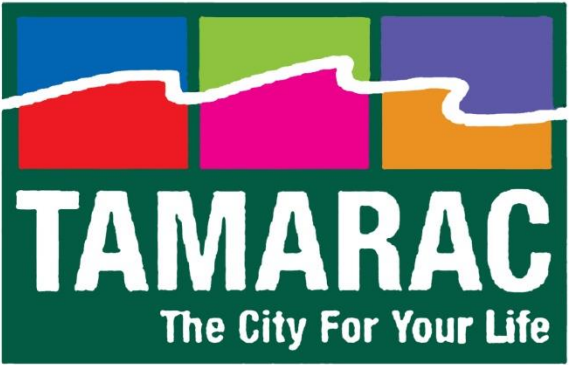
CITY OF FORT LAUDERDALE POPULATION PROJECTIONS 2010-2035

Table 4.4: City of Fort Lauderdale Population Projections 2010-2035

| Place | 2005 ¹ | 2010 ² | 2015 ² | 2020 ² | 2025 ² | 2030 ² | 2035 ² |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Davie ³ | 2,400 | 525 | 528 | 530 | 527 | 534 | 585 |
| Lauderdale Lakes | - | 374 | 381 | 383 | 378 | 386 | 386 |
| Lauderhill | - | 2,923 | 2,890 | 2,881 | 2,840 | 2,927 | 2,969 |
| Lazy Lake ⁴ | - | 25 | 26 | 26 | 26 | 26 | 26 |
| North Lauderdale | - | 345 | 349 | 352 | 1,060 | 1,291 | 1,403 |
| Oakland Park | 26,492 | 26,321 | 27,122 | 28,097 | 28,682 | 29,818 | 30,176 |
| Oakland Forest Subdivision (within Oakland Park) ⁵ | 3,371 | 3,530 | 3,584 | 3,621 | 3,575 | 3,659 | 3,649 |
| Tamarac ⁶ | 7,069 | 1,497 | 2,152 | 2,162 | 2,137 | 2,179 | 2,188 |
| Wilton Manors | 12,390 | 11,374 | 11,611 | 11,740 | 11,693 | 11,931 | 11,929 |
| Total | 51,722 | 46,914 | 48,643 | 49,792 | 50,918 | 52,751 | 53,311 |

Notes:

1. Source: 2009 City of Fort Lauderdale Water Supply Plan.
2. Source: the 2010 population estimate and 2015 to 2030 population projections are based on the 2014 Traffic Analysis Zones and Municipal Forecasts Update prepared by the Broward County Planning and Redevelopment Division. The update assigns the forecasted estimates from the University of Florida's Bureau of Economic and Business Research (BEBR), "Detailed Population Projections by Age, Sex, Race, and Hispanic Origin, for Florida and Its Counties, 2015-2040, With Estimates for 2012 All Races" to Broward County's 2010 Traffic Analysis Zones (TAZ) and municipalities.
3. Area includes a portion of the Hacienda Village neighborhood, which comprises TAZ 651
4. The Village of Lazy Lake is built-out
5. Oakland Forest is a subdivision of the City of Oakland Park and comprises all of TAZ 414. Potable water from the City of Fort Lauderdale is supplied through a master meter. Water demand by the residents in this subdivision was forecast separately from the water demand of the City of Oakland Park.





Title - TBO 10 - Hidden Trails/Mainlands - Sign Variance

Sign Variance from Section 18-51(19)a, Code of Ordinances to permit a maximum height of eight feet (8') in lieu of the maximum height of six feet (6') permitted for residential monument signs and from Section 18-64(1), Code of Ordinances to allow informational language on the monument sign in addition to the permitted community identification language and to allow the monument sign to be located within the public right-of way.

Commission District(s):

District 1

ATTACHMENTS:

| Description | Upload Date | Type |
|-------------------------|--------------------|-----------------|
| ❑ Memo | 9/14/2016 | Cover Memo |
| ❑ Temporary Board Order | 9/14/2016 | Board Orders |
| ❑ Site Location Map | 9/14/2016 | Backup Material |
| ❑ Justification Letter | 9/14/2016 | Backup Material |
| ❑ Sign Plan | 9/14/2016 | Backup Material |

CITY OF TAMARAC
INTEROFFICE MEMORANDUM 16-09-001M
COMMUNITY DEVELOPMENT DEPARTMENT

TO: Michael C. Cernech
City Manager

DATE: September 14, 2016

FROM: Maxine Calloway,
Director of Community Development

RE: Hidden Trails/Mainlands –
Sign Variance

CASE#: 3-B-16 **TEMP. BOARD ORD. NO. 10**

MF#: 10-79

RECOMMENDATION: The Director of Community Development recommends that the Mayor and City Commission approve the proposed Sign Variance at its September 28, 2016 meeting.

ISSUE: Heather Jo Ellen, Dunay, Miskel and Backman, LLP, designated agent for the property owner, City of Tamarac, is requesting approval of a Sign Variance from Section 18-51(19)(a), Tamarac Code of Ordinances, to permit a maximum height of eight feet (8') in lieu of the maximum height of six feet (6') permitted for residential monument signs and from Section 18-64(1), Tamarac Code of Ordinance, to allow informational language on the monument sign in addition to the permitted community identification language and to allow the monument sign to be located within the public right-of-way.



BACKGROUND: The proposed monument will be located at the same location as the existing Mainlands monument sign within the NW 47th Terrace right-of-way at the intersection of West Commercial Boulevard and NW 47th Terrace (see attached Location Map). To the northeast across Commercial Blvd, is the Hampton Inn and Tamarac Fire Station 78. To the southeast is vacant land. To the southwest, are single family homes within the Mainlands (Section 5) residential community. To the northwest is the Commercial Villas Office Complex.

On January 27, 2016, the City Commission granted several approvals for development of the Trails at Central Parc property, which is generally located east of the Florida Turnpike south of West Commercial Boulevard between Northwest 44th Street and Northwest 49th Court in the City. These approvals included: (1) major revised site plan approval pursuant to Resolution No. R- 2016-18; (2) plat approval for the Trails at Central Parc Plat pursuant to Resolution No. R-2016-17; and (3) approval of a Second Amendment to the Declaration of Restrictive Covenants ("Second Amendment") for the Trails at Central Parc pursuant to Resolution No. R-2016-16. The Second Amendment was subsequently approved by the Broward County Board of County Commissioners on June 7, 2016 and recorded in the Public Records of Broward County (Instrument No. 113746454). Pursuant to the Second Amendment, Palm Cove Holdings, LP, the owner of the Trails at Central Parc property, has agreed to install a monument sign on the Property in the general location of West Commercial Boulevard and Northwest 47th Terrace to identify the Mainlands Four and Mainlands Five communities, as well as the new Hidden Trails community. At this time, Palm Cove Holdings, LP seeks to replace the existing monument sign on the Property with a new monument sign in fulfillment of its obligations under the Second Amendment.

ANALYSIS: Palm Cove Holdings, LP is requesting to replace the current existing monument sign (See Exhibits 1 and 2 below) with decorative monument sign at 8 feet high (See Exhibits 3 through 6 below). The applicant would only be allowed a monument sign with a maximum height of 6 feet. The applicant is requesting a sign variance from Section 18-51(19)(a), of the Tamarac Code of Ordinances which states that the maximum height of monument and entrance wall signs cannot exceed a maximum of 6 feet in height. Furthermore, the applicant is also requesting a variance from Section 18-64(1) to allow informational language on the monument sign in addition to the permitted community identification language and to allow the monument sign to be located within the public right-of-way.

Section 18-42, Tamarac Code of Ordinances, identifies that the City Commission is empowered and reserves unto itself the right to grant a variance to the provisions of the City's sign code where the sign variance is not contrary to the public interest, there are special conditions which did not result from actions of the applicant, and the literal enforcement of the provisions of the City's sign code may result in unnecessary hardship. The Planning Board shall make a recommendation to the City Commission. Following consideration by the Planning Board, the City Manager shall then forward the Planning Board's recommendation to the City Commission, and cause the request for sign variance to be considered by the City Commission at a public hearing.



Exhibit 1: Existing monument sign

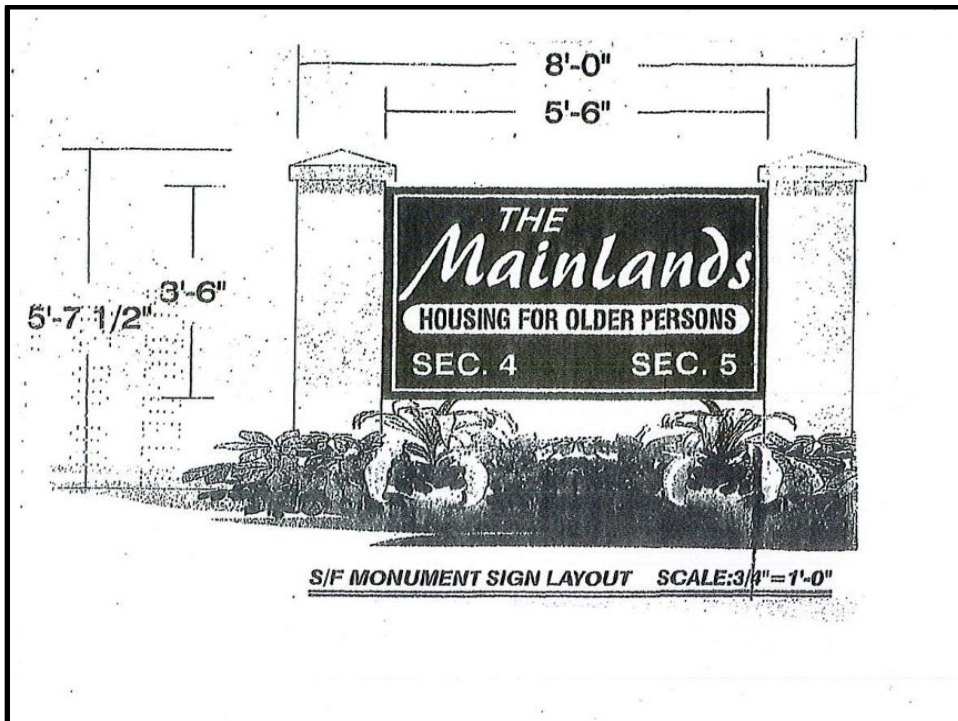


Exhibit 2: Existing monument sign dimensions



Exhibit 3: Existing monument sign (Commercial Blvd elevation)

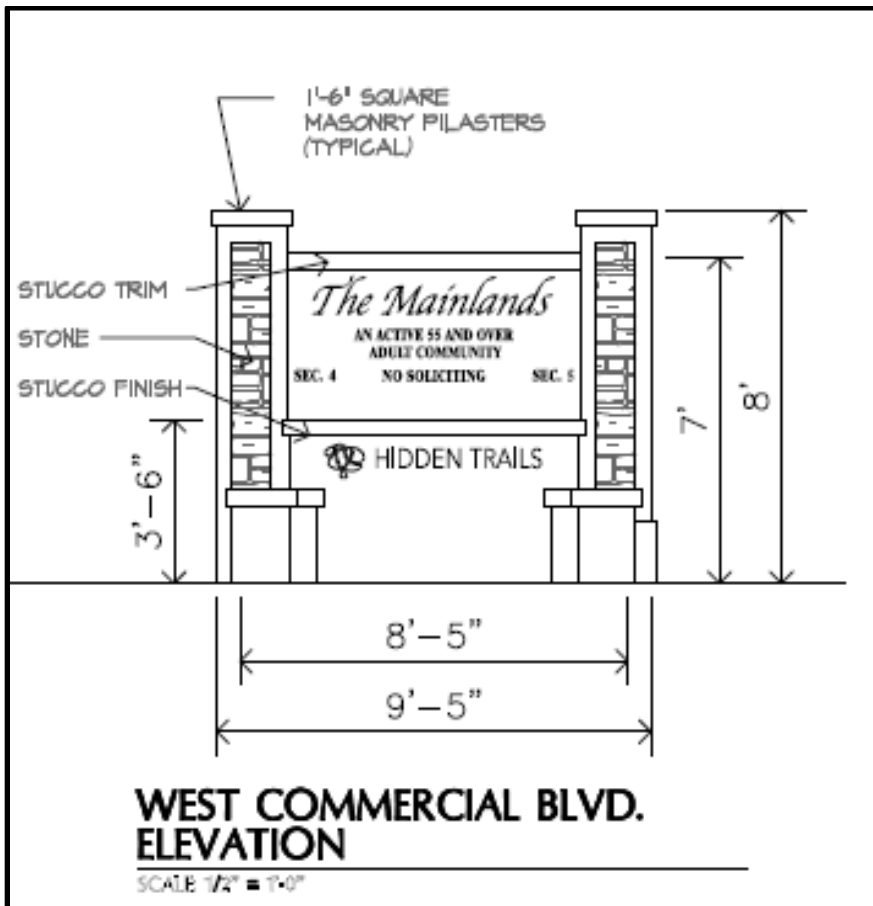


Exhibit 4: Proposed monument sign with dimensions, informational and community identification language, and sign materials. (Commercial Blvd elevation)

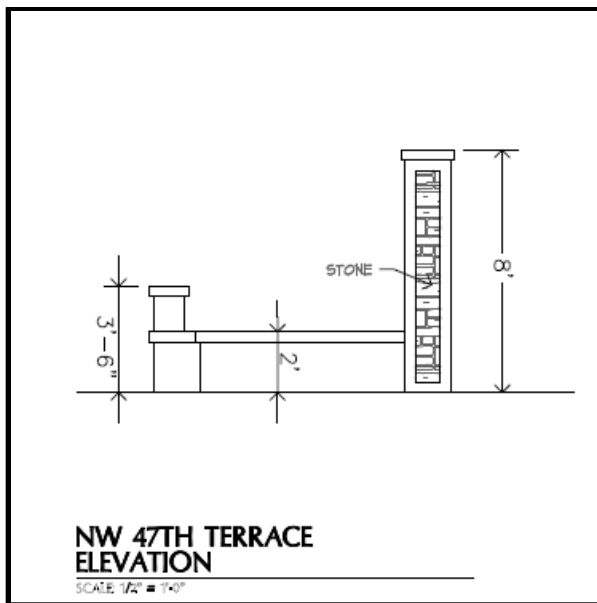


Exhibit 5: Proposed monument sign with dimensions and sign materials (NW 47th Terrace elevation)

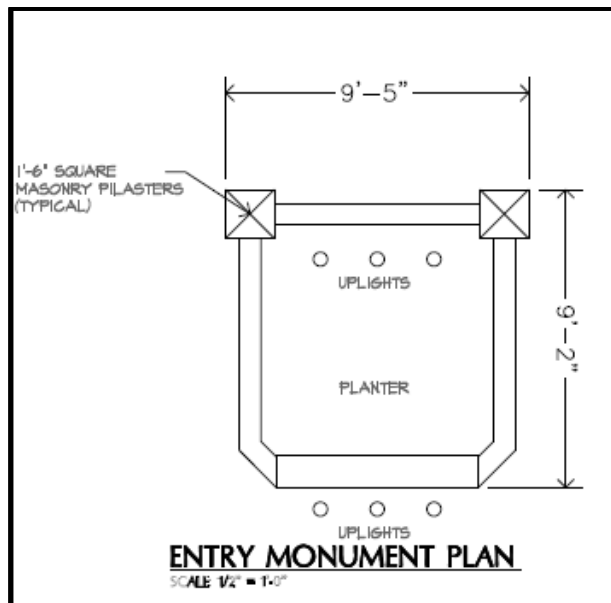


Exhibit 6: Aerial view of proposed monument sign with dimensions and sign materials

It is staff's opinion that the criteria as established by the Code are met by the applicant as further outlined below:

Sign variance is not contrary to the public interest

The sign variance requested is not contrary to the public interest. As mentioned above, there is an existing monument sign that has been located on the Property since the 1970s. The existing monument sign identifies both the Mainlands Four and Mainlands Five communities and provides the following informational language "Senior Community 55+" and "No Soliciting." At this time, the owner is seeking a variance to allow similar informational language to be permitted on the proposed new monument sign and to preserve the existing location within the public right-of way. The owner is simply seeking to update the existing monument sign with identification language for the new community (Hidden Trails), while preserving the existing informational language related to the Mainlands communities ("An Active 55 and Over Adult Community, No Soliciting") and location within the public right-of-way. The new monument sign design was agreed upon during numerous meetings among representatives from the Mainlands Four, Mainlands Five and Hidden Trails communities. As such, the proposed informational language and sign location within the public right-of-way was agreed upon by the members of the public most affected by the proposed sign variance.

The owner is also seeking a variance to allow a minor increase in maximum height to permit a maximum height of eight feet (8') in lieu of the maximum height of six feet (6') permitted by Section 18-51(19)a for residential monument signs. The new monument sign's proposed dimensions are generally consistent with the existing sign's dimensions.

The proposed height was mutually agreed upon based on numerous meetings among representatives of the Communities as the minimum height necessary to identify all three Communities. As such, the proposed eight feet (8') sign height is not contrary to the public interest as the new monument sign proposed is approximately the same size as the existing monument sign and provides the necessary height to provide the appropriate size and visibility to identify all three Communities.

Special conditions did not result from the actions of the applicant

There are special conditions which did not result from the actions of the applicant. The new monument sign proposed will replace the existing monument sign that identifies the Mainlands Four and Mainlands Five communities. The Property is located at the point of ingress/egress for these communities, as well as the Hidden Trails community that was recently approved by the City. The limited points of access from West Commercial Boulevard to the Communities necessitates the need for a single monument sign to identify all three Communities. As mentioned above, the new monument sign design was agreed upon during numerous meetings among representatives from the Mainlands Four, Mainlands Five and Hidden Trails communities and the proposed informational language has been an important component of the Mainlands monument sign since the 1970s. In addition, due to the limited access to the Communities from West Commercial Boulevard, there is no other viable location for placement of the new monument sign. The need of the Mainlands communities to distinguish themselves from other communities and the lack of a viable location for the new sign outside the public right-of-way are special conditions which did not result from the actions of the applicant. Additionally, the proposed height of the sign was mutually agreed upon based on numerous meetings among the Communities' representatives as the minimum height necessary. The limited points of access from West Commercial Boulevard to the Communities necessitates the need for a single monument sign with a slightly increased height to allow for identification of all three Communities. The existing sign currently located on the Property and the limited access to the Communities from West Commercial Boulevard are special conditions which did not result from the actions of the applicant.

Literal enforcement of the provisions of the sign code regulations may result in an unnecessary hardship

Literal enforcement of the provisions of the sign code regulations results in an unnecessary hardship. The City's current sign code regulations for residential properties limit the maximum height of monument signs to six feet (6'). The proposed new monument sign is generally consistent in size with the existing monument sign on the Property. Furthermore, the new monument sign must identify the new community (Hidden Trails) in addition to the two established communities (Mainlands Four and Mainlands Five) that are identified by the existing monument sign. As such, limiting the height of the new monument sign would diminish the ability to properly identify the three Communities at the main point of access from West Commercial Boulevard as set forth in the Second Amendment. Moreover, the City's current sign code regulations for residential properties limit the permitted language and location of monument signs.

The new monument sign design was agreed upon during numerous meetings among representatives from the Mainlands Four, Mainlands Five and Hidden Trails communities, and the proposed informational language has been an important component of the Mainlands monument sign since the 1970s. In addition, due to the limited access to the Communities from West Commercial Boulevard, there is no other viable location for placement of the new monument sign.

CONCLUSIONS: This request supports Goal #5 of the City's Strategic Plan which provides for "A Vibrant Community" by being accessible and responsive to our neighborhood and business partners and developing an understanding of the unique needs of each neighborhood and commercial areas.

This request additionally supports Policy 1.3 of the Future Land Use Element of the City of Tamarac 2007 Comprehensive Plan which states, "The City will continue to implement its Code of Ordinances and will amend them as required to regulate future land use through proper site planning, subdivision,

and zoning provisions; and will regulate signs by implementing the sign code; and will continue to subject land development proposals to an engineering review concerning seasonal or periodic flooding.”

Staff recommends that the City Commission approve application 3-B-16 at its September 28, 2016 meeting for a Sign Variance from Section 18-51(19)(a), Tamarac Code of Ordinances, to permit a maximum height of eight feet (8') in lieu of the maximum height of six feet (6') permitted for residential monument signs and from Section 18-64(1), Tamarac Code of Ordinance, to allow informational language on the monument sign in addition to the permitted community identification language and to allow the monument sign to be located within the public right-of-way, subject to the following conditions as incorporated into the Board Order.

1. In accordance with Section 18-51(17) b. and prior to building permit issuance, provide a hold harmless agreement with the City, recorded in the Public Records of Broward County, relieving the City of any liability with respect to any action, activity or event in connection with the signage.
2. In accordance with Section 18-51(17) c. and prior to building permit issuance, provide a written agreement with the City of Tamarac agreeing to the maintenance, repair and replacement of the sign and agreeing to the removal of the sign and returning the right-of-way to a finished condition in accordance with the landscape chapter of the code, within ten (10) business days of notice through certified letter from the City.

INTERVENING ACTION: At its September 7, 2016 meeting, the Planning Board voted 4-0 to forward a favorable recommendation for approval of the Sign Variance for the proposed monument sign, Case No. 3-B-16, to the City Commission.

The petitioner is finalizing a new maintenance agreement for this sign that will require the Hidden Trails Homeowner Association, Inc. to maintain this sign in perpetuity. Additionally, a hold harmless agreement will be executed that will be recorded with Broward County.

FISCAL IMPACT: No direct budgetary impact. This application is being funded by an application/processing fee.



Maxine Calloway,
Director of Community Development

MAC/TF

Attachments: Temporary Board Order No. 10
 Site Location Map
 Justification Letter
 Site Plan, Plan, Elevations, Sheet A-1, Pascual, Perez, Kiliddjian & Associates

Prepared by and Return to:
Sam Goren
City Attorney
CITY OF TAMARAC
7525 NW 88th Avenue
Tamarac, Florida 33321-2401

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Space Above This Line for Recording

**BOARD ORDER No. _____
BEFORE THE CITY COMMISSION
CITY OF TAMARAC, FLORIDA**

**HEARING DATE: September 28, 2016
CASE NO. 3-B-16**

IN RE: The Application of: City of Tamarac
7525 NW 88th Avenue
Tamarac, Florida

Property Folio Identification Numbers: 494113112410

Property Legal Description:

MAINLANDS OF TAMARAC LAKES SEC 5A 67-4 B AVENUES, WAYS, TERRACES,
STREET, LANES, PLACE & COURTS DEDICATED TO PUBLIC PER PLAT

ORDER APPROVING SIGN VARIANCE

The Applicant, Heather Jo Allen, Dunay, Miskel, and Backman, designated agent for the property owner, The City of Tamarac (the "Applicant") filed an application with the City of Tamarac ("City") Department of Community Development for the following variance:

SIGN VARIANCE FROM SECTION 18-51(19)A, CODE OF ORDINANCES TO PERMIT A MAXIMUM HEIGHT OF EIGHT FEET (8') IN LIEU OF THE MAXIMUM HEIGHT OF SIX FEET (6') PERMITTED FOR RESIDENTIAL MONUMENT SIGNS AND FROM SECTION 18-64(1), CODE OF ORDINANCES TO ALLOW INFORMATIONAL LANGUAGE ON THE MONUMENT SIGN IN ADDITION TO THE PERMITTED COMMUNITY IDENTIFICATION LANGUAGE AND TO ALLOW THE MONUMENT SIGN TO BE LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY.

Notice of the request for the Variance was given as required by law. The City Commission of the City of Tamarac ("the Commission") finds that the property located within the NW 47th Terrace right-of-way; at the intersection of West Commercial Boulevard and NW 47th Terrace, Tamarac, Florida (the "Property").

Pursuant to Section 18-42 of the City of Tamarac Code of Ordinances, and following consideration of all testimony and evidence presented at the hearing on September 28, 2016 the City Commission finds as follows:

1. That the Sign Variance is not contrary to the public interest.
2. That special conditions did not result from the actions of the applicant.
3. That literal enforcement of the provisions of the sign code regulations may result in an unnecessary hardship
4. The Public Record, including sworn testimony and evidence established before and presented to the City Commission on September 28, 2016, is hereby incorporated by reference and made a part hereof.

Pursuant to the authority contained in Section 24-71 of the City of Tamarac Code of Ordinances, the Applicant's request for a Variance from Section 18-51(19)a, Code of Ordinances to permit a maximum height of eight feet (8') in lieu of the maximum height of six feet (6') permitted for residential monument signs; and from Section 18-64(1), Code of Ordinances to allow informational language on the monument sign in addition to the permitted community identification language and to allow the monument sign to be located within the public right-of-way as represented in the Application, is hereby **GRANTED**, upon the following conditions to which the Applicant has agreed.

1. In accordance with Section 18-51(17) b. and prior to building permit issuance, provide a hold harmless agreement with the City, recorded in the Public Records of Broward County, relieving the City of any liability with respect to any action, activity or event in connection with the signage.
2. In accordance with Section 18-51(17) c. and prior to building permit issuance, provide a written agreement with the City of Tamarac agreeing to the maintenance, repair and replacement of the sign and agreeing to the removal of the sign and returning the right-of-way to a finished condition in accordance with the landscape chapter of the code, within ten (10) business days of notice through certified letter from the City.

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This document shall be recorded in the public records of Broward, County, Florida.

DONE and ORDERED this _____ day of _____, 2016, in Tamarac, Florida.

MAYOR AND COMMISSION
CITY OF TAMARAC, FLORIDA

By: _____
HARRY DRESSLER,
MAYOR

ATTEST:

PATRICIA TEUFEL, CMC
CITY CLERK

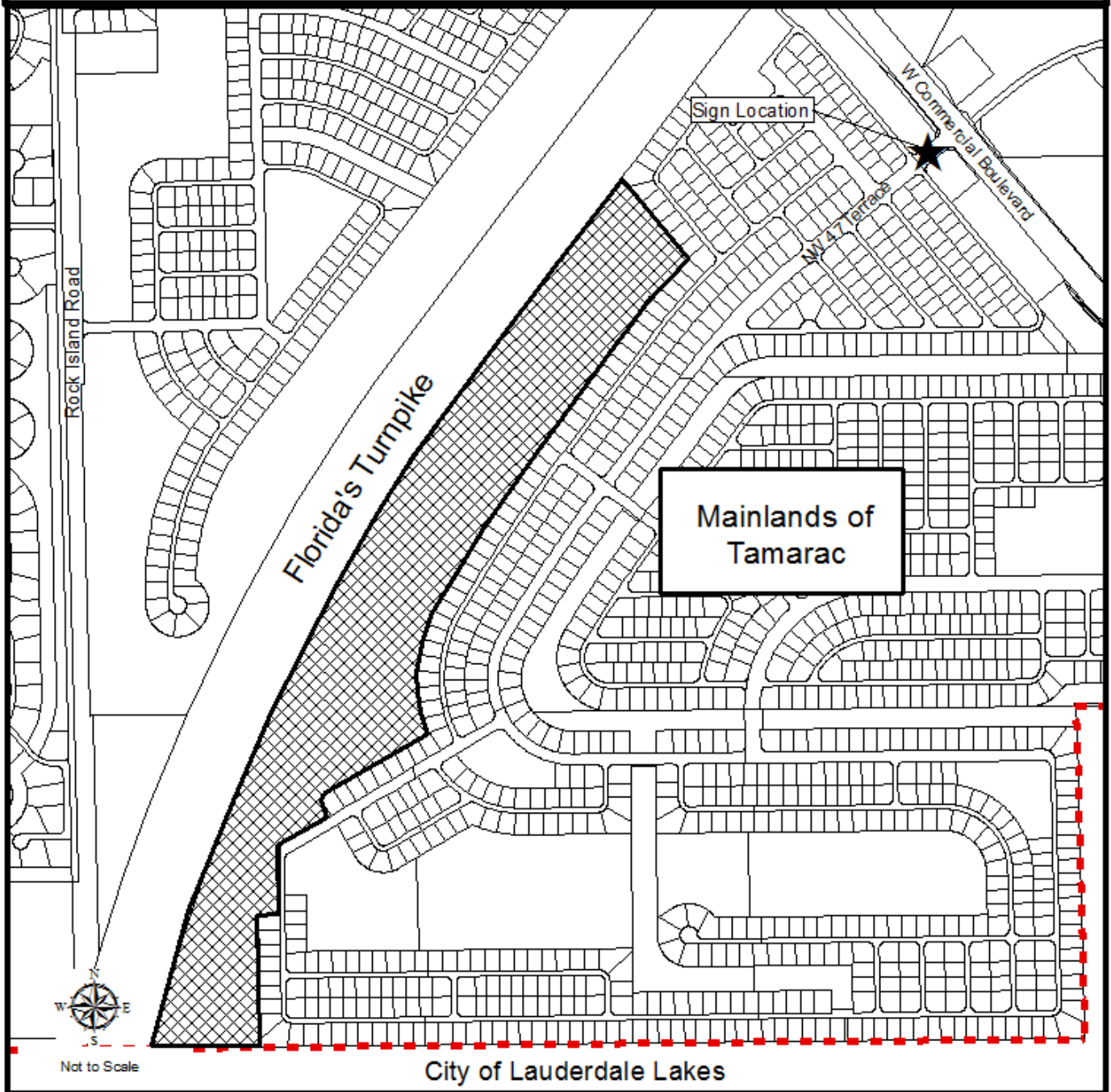
RECORD OF COMMISSION VOTE:

MAYOR DRESSLER _____
DIST 1: COMM BUSHNELL _____
DIST 2: V/M GOMEZ _____
DIST 3: COMM GLASSER _____
DIST 4: COMM PLACKO _____

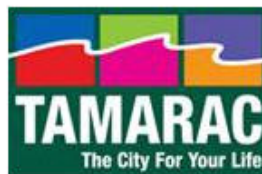
I HEREBY CERTIFY THAT I HAVE
APPROVED THIS RESOLUTION
AS TO FORM:

SAMUEL S. GOREN,
CITY ATTORNEY

**Hidden Trails / Mainlands
Sign Variance
Case No. 3-B-16**



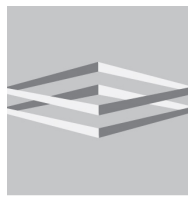
**City Commission
Public Hearing
September 28, 2016
City Commission Chambers
9:00 a.m.**



Hidden Trails Property



**Maxine Calloway, Director
Community Development
7525 NW 88 Avenue
Tamarac, FL 33321
Telephone (954) 597-3530**



**Hidden Trails/Mainlands Monument Sign
West Commercial Boulevard and NW 47th Terrace
Sign Variance Request and Justification**

The City of Tamarac ("Owner") owns a portion of the right-of-way generally located at the intersection of West Commercial Boulevard and Northwest 47th Terrace ("Property") in the City of Tamarac ("City"). The Property is identified by folio number 4941 13 11 2410 and consists of the avenue, ways, terraces, street, lanes, place and courts that were dedicated to the public via The Mainlands of Tamarac Lakes Section 5-A plat as recorded in Plat Book 67, Page 4 of the Public Records of Broward County on November 8, 1968. The Property is located at the point of ingress/egress for three residential communities: (1) Mainlands Section Four Civic and Recreation Association, Inc. ("Mainlands Four"); (2) Mainlands Five, Inc. ("Mainlands Five"); and (3) the Hidden Trails Homeowners Association, Inc. ("Hidden Trails") (collectively referred to herein after as the "Communities") to and from West Commercial Boulevard. The Communities are designated Residential Low-Medium (5-10 DU/AC) on the City's Future Land Use Map and are zoned R-1 (Single-Family Residential District and R-3 (Low Density Multi-Family Residential District)

On January 27, 2016, the City Commission granted several approvals for development of the Trails at Central Parc property, which is generally located east of the Florida Turnpike south of West Commercial Boulevard between Northwest 44th Street and Northwest 49th Court in the City. These approvals included: (1) major revised site plan approval pursuant to Resolution No. R- 2016-18; (2) plat approval for the Trails at Central Parc Plat pursuant to Resolution No. R-2016-17; and (3) approval of a Second Amendment to the Declaration of Restrictive Covenants ("Second Amendment") for the Trails at Central Parc pursuant to Resolution No. R-2016-16. The Second Amendment was subsequently approved by the Broward County Board of County Commissioners on June 7, 2016 and recorded in the Public Records of Broward County (Instrument No. 113746454). Pursuant to the Second Amendment, Palm Cove Holdings, LP, the owner of the Trails at Central Parc property, has agreed to install a monument sign on the Property in the general location of West Commercial Boulevard and Northwest 47th Terrace to identify the Mainlands Four and Mainlands Five communities, as well as the new Hidden Trails community. At this time, Palm Cove Holdings, LP seeks to replace the existing monument sign on the Property with a new monument sign in fulfillment of its obligations under the Second Amendment.

Pursuant to Section 18-42 of the City's Code of Ordinances ("Code"), the Owner is seeking approval of the following variances to allow for installation of the proposed new monument sign on the Property:

- 1. Variance from Section 18-51(19)a to permit a maximum height of eight feet (8') in lieu of the maximum height of six feet (6') permitted for residential monument signs; and**
- 2. Variance from Section 18-64(1) to allow informational language on the monument sign in addition to the permitted community identification language and to allow the monument sign to be located within the public right-of-way.**

Pursuant to Section 18-42 of the Code, the Owner will demonstrate for each variance request that: (1) the sign variance is not contrary to the public interest; (2) there are special conditions which did not result from the actions of the applicant; and (3) literal enforcement of the provisions of the sign code regulations may result in an unnecessary hardship.

Variance Request 1: Section 18-51(19)a, Code of Ordinances

(1) The sign variance is not contrary to the public interest.

The sign variance requested is not contrary to the public interest. As mentioned above, there is an existing monument sign currently located on the Property in the same location of the proposed new sign. Pursuant to discussions with the City, this sign has been located on the Property since the 1970s. At this time, Owner is seeking a variance to allow a minor increase in maximum height to permit a maximum height of eight feet (8') in lieu of the maximum height of six feet (6') permitted by Section 18-51(19)a for residential monument signs ("Maximum Sign Height Variance"). The new monument sign's proposed dimensions are generally consistent with the existing sign's dimensions. Furthermore, the proposed height was mutually agreed upon based on numerous meetings among representatives of the Communities as the minimum height necessary to identify all three Communities. As such, the Maximum Sign Height Variance is not contrary to the public interest as the new monument sign proposed is approximately the same size as the existing monument sign and provides the necessary height to provide the appropriate size and visibility to identify all three Communities.

(2) There are special conditions which did not result from the actions of the applicant.

There are special conditions which did not result from the actions of the applicant. As mentioned above, the new monument sign proposed will replace the existing monument sign that currently identifies the Mainlands Four and Mainlands Five communities. The Property is located at the point of ingress/egress for these communities, as well as the new Hidden Trails community that was recently approved by the City. The proposed height was mutually agreed upon based on numerous meetings among the Communities' representatives as the minimum height necessary. The limited points of access from West Commercial Boulevard to the Communities necessitates the need for a single monument sign with a slightly increased height to allow for identification of all three Communities. The existing sign currently located on the Property and the limited access to the Communities from West Commercial Boulevard are special conditions which did not result from the actions of the applicant.

(3) Literal enforcement of the provisions of the sign code regulations may result in an unnecessary hardship.

Literal enforcement of the provisions of the sign code regulations results in an unnecessary hardship. The City's current sign code regulations for residential properties limit the maximum height of monument signs to six feet (6'). The proposed new monument sign is generally consistent in size with the existing monument sign on the Property. Furthermore, the new monument sign must identify the new community (Hidden Trails) in addition to the two established communities (Mainlands Four and Mainlands Five) that are identified by the existing monument sign. As such, limiting the height of the new monument sign would diminish the ability to properly identify the three Communities at the main point of access from West Commercial Boulevard as set forth in the Second Amendment. As such, literal enforcement of the provisions of the sign code regulations results in an unnecessary hardship.

Variance Request 2: Section 18-64(1), Code of Ordinances

(1) The sign variance is not contrary to the public interest.

The sign variance requested is not contrary to the public interest. As mentioned above, there is an existing monument sign that has been located on the Property since the 1970s. The existing monument sign identifies both the Mainlands Four and Mainlands Five communities and provides the following informational language “Senior Community 55+” and “No Soliciting”. At this time, Owner is seeking a variance from Section 18-64(1) of the Code of Ordinances to allow similar informational language to be permitted on the proposed new monument sign and to preserve the existing location within the public right-of way. The sign variance requested is not contrary to the public interest as the Owner is simply seeking to update the existing monument sign with identification language for the new community (Hidden Trails), while preserving the existing informational language related to the Mainlands communities (“An Active 55 and Over Adult Community, No Soliciting”) and location within the public right-of-way. The new monument sign design was agreed upon during numerous meetings among representatives from the Mainlands Four, Mainlands Five and Hidden Trails communities. As such, the proposed informational language and sign location within the public right-of-way was agreed upon by the members of the public most affected by the proposed sign variance. As such, the requested sign variance is not contrary to the public interest.

(2) There are special conditions which did not result from the actions of the applicant.

There are special conditions which did not result from the actions of the applicant. The new monument sign proposed will replace the existing monument sign that identifies the Mainlands Four and Mainlands Five communities. The Property is located at the point of ingress/egress for these communities, as well as the Hidden Trails community that was recently approved by the City. The limited points of access from West Commercial Boulevard to the Communities necessitates the need for a single monument sign to identify all three Communities. As mentioned above, the new monument sign design was agreed upon during numerous meetings among representatives from the Mainlands Four, Mainlands Five and Hidden Trails communities and the proposed informational language has been an important component of the Mainlands monument sign since the 1970s. In addition, due to the limited access to the Communities from West Commercial Boulevard, there is no other viable location for placement of the new monument sign. The need of the Mainlands communities to distinguish themselves from other communities and the lack of a viable location for the new sign outside the public right-of-way are special conditions which did not result from the actions of the applicant.

(3) Literal enforcement of the provisions of the sign code regulations may result in an unnecessary hardship.

Literal enforcement of the provisions of the sign code regulations results in an unnecessary hardship. The City’s current sign code regulations for residential properties limit the permitted language and location of monument signs. The new monument sign design was agreed upon during numerous meetings among representatives from the Mainlands Four, Mainlands Five and Hidden Trails communities, and the proposed informational language has been an important component of the Mainlands monument sign since the 1970s. In addition, due to the limited access to the Communities from West Commercial Boulevard, there is no other viable location for placement of the new monument sign. As such, literal enforcement of the provisions of the sign code regulations would prohibit

installation of a new monument sign to serve these Communities and results in an unnecessary hardship.

SCHEME 1

Pure White
SW 7005

Magnetic Gray
SW 7058

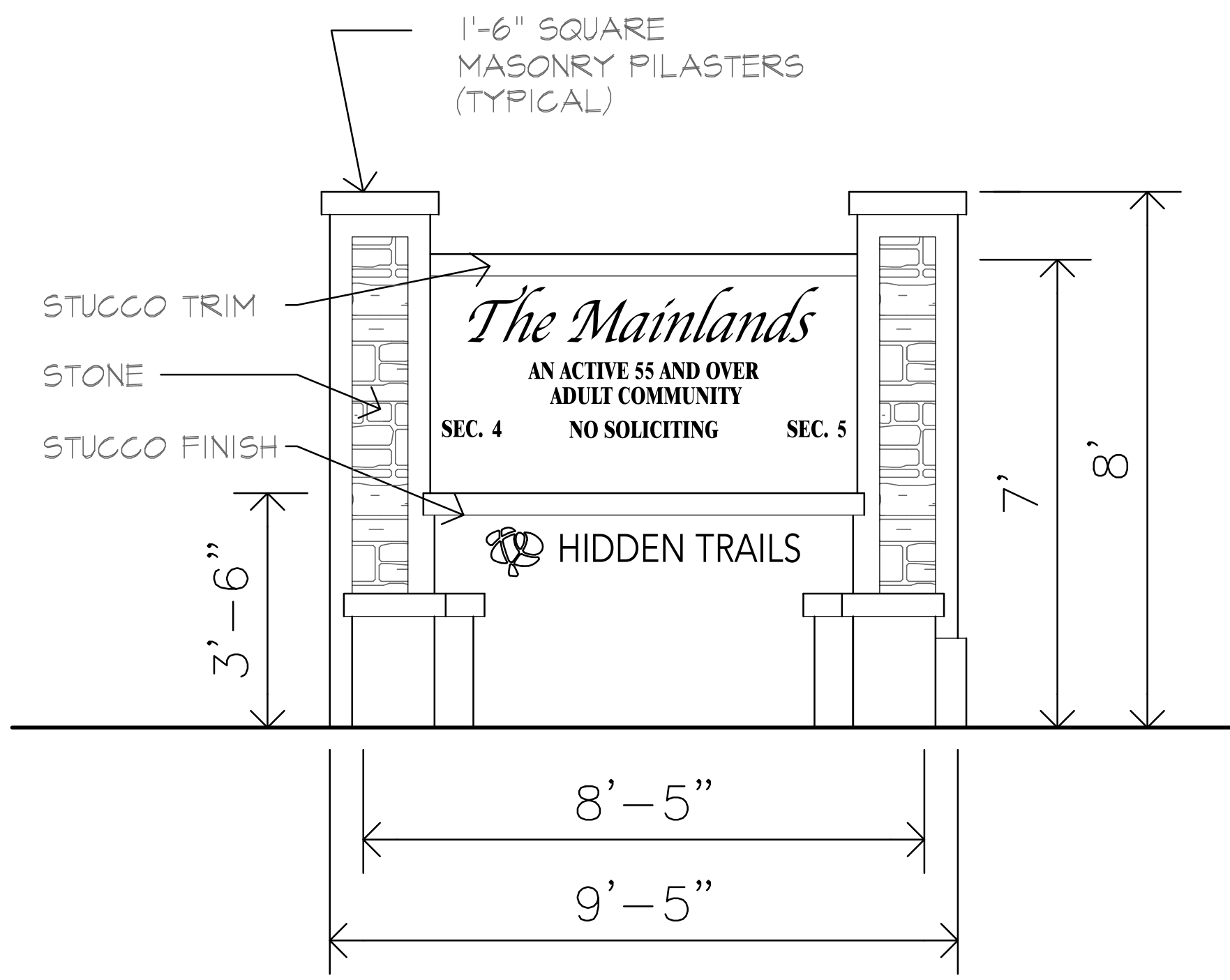
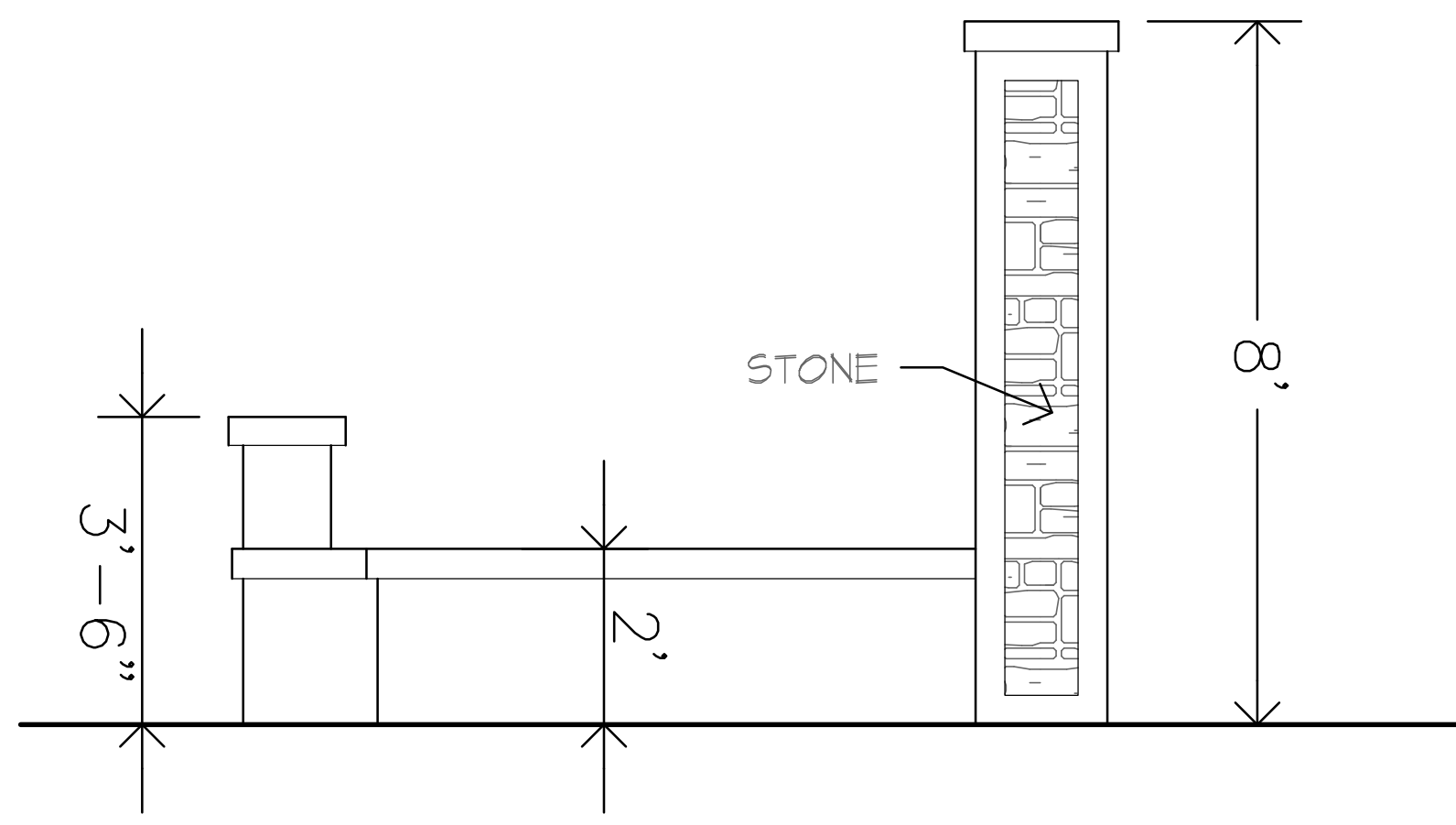
SCHEME 2

Creamy
SW 7012

Functional Gray
SW 7024

BODY COLOR

TRIMS



COLOR SCHEME OPTIONS

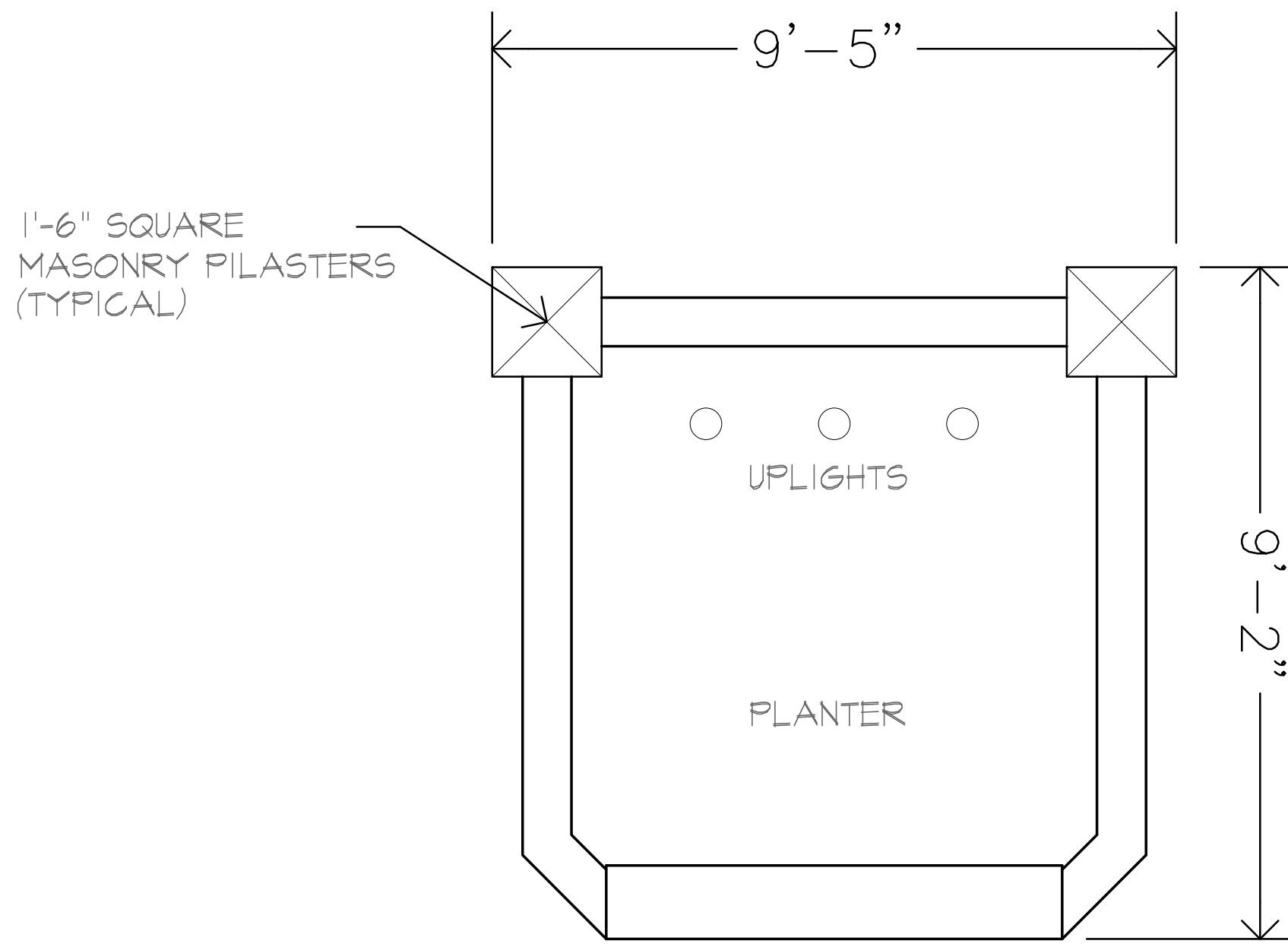
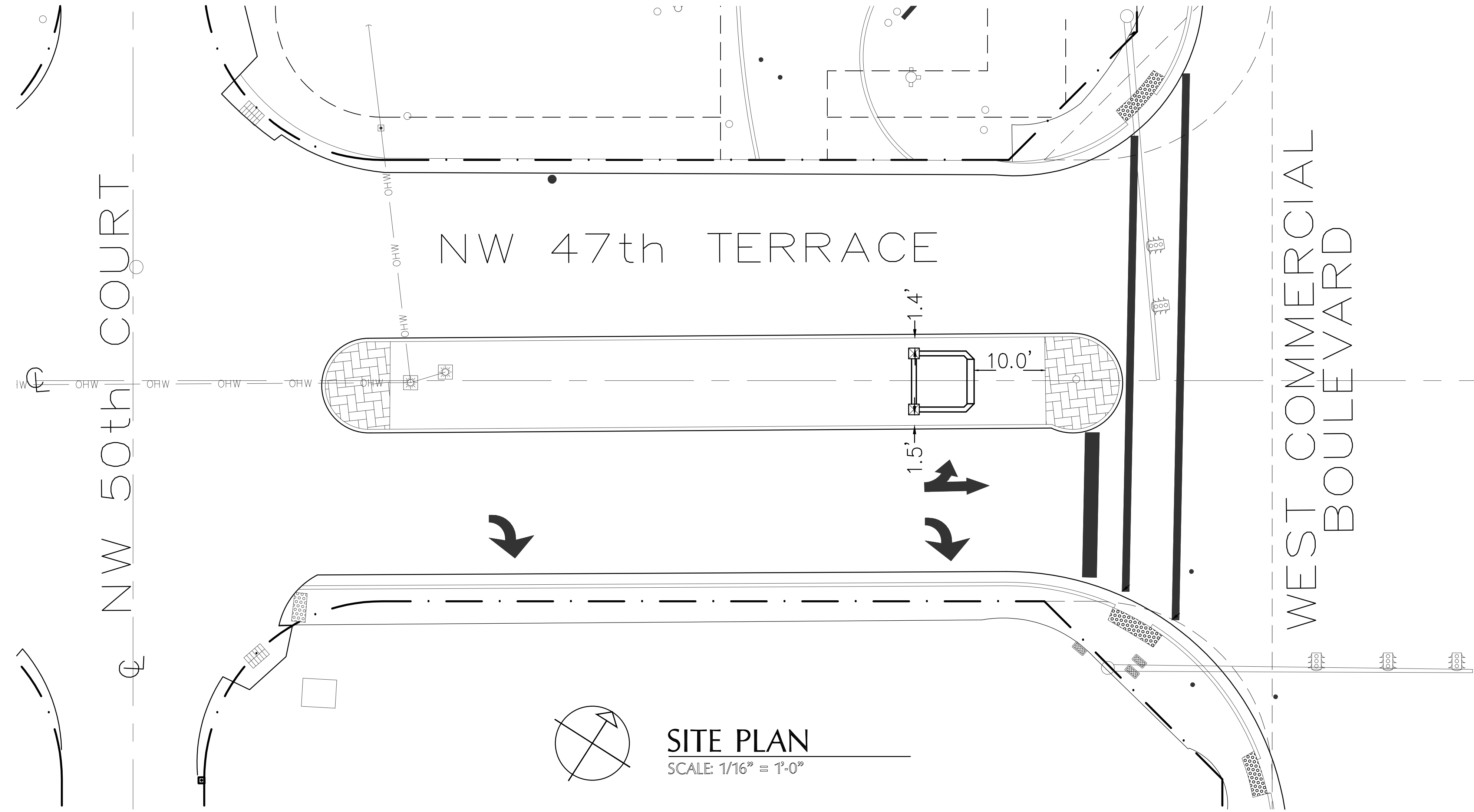
SCALE: N/A

NW 47TH TERRACE
ELEVATION

SCALE: 1/2" = 1'-0"

WEST COMMERCIAL BLVD.
ELEVATION

SCALE: 1/2" = 1'-0"



ENTRY MONUMENT PLAN

SCALE: 1/2" = 1'-0"

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HIDDEN TRAILS

MAINLANDS SIGN
NW 47TH TERRACE
TAMARAC, FLORIDA

SEAL:

SIN: 4C 12 20 2A
MAINLANDS SIGN

SITE PLAN, PLAN, ELEVATIONS

DATE : 2015-08-07
SCALE : AS SHOWN
DRAWN : ID
CHECK BY: AS
JOB NO. : 14-49

A-1

SHEET NO. :