

**AMENDED AND RESTATED  
INTERLOCAL AGREEMENT  
Between  
CITY OF LIGHTHOUSE  
POINT and  
CITY OF POMPANO BEACH  
Providing for  
RECLAIMED WATER  
SERVICE**

This is an Agreement, made and entered into by and between:

**CITY OF LIGHTHOUSE POINT, FLORIDA**, a municipal corporation organized under the laws of the State of Florida, hereinafter referred to as "LIGHTHOUSE POINT",

AND

**CITY OF POMPANO BEACH, FLORIDA**, a municipal corporation located in Broward County, Florida, and organized and existing under the laws of the State of Florida, hereinafter referred to as "POMPANO BEACH," collectively referred to as the "Parties."

**WHEREAS**, POMPANO BEACH owns and operates a Reclaimed Water System; and

**WHEREAS**, the Reclaimed Water System produces reclaimed water for beneficial reuse; and

**WHEREAS**, POMPANO BEACH currently provides potable water to customers in the LIGHTHOUSE POINT service area ("LIGHTHOUSE POINT Service Area"); and

**WHEREAS**, POMPANO BEACH currently provides reclaimed water from its tertiary treatment facility for use by LIGHTHOUSE POINT in irrigating the median strips located within LIGHTHOUSE POINT in the center of Federal Highway, by and through an Interlocal Agreement providing for effluent water, dated May 1, 1997, and Addendum to Interlocal Agreement, relating to inspection and signage, dated January 26, 2007; and

**WHEREAS**, POMPANO BEACH is authorized under Florida Department of Environmental Protection Permit FLA103581-006-DW1P to expand its Reclaimed Water System into the LIGHTHOUSE POINT Service Area;

**WHEREAS**, POMPANO BEACH has reclaimed water capacity sufficient to meet the needs of its customers in the LIGHTHOUSE POINT Service Area;

**WHEREAS**, POMPANO BEACH desires and LIGHTHOUSE POINT agrees to allow POMPANO BEACH to furnish reclaimed water directly to POMPANO BEACH'S customers in LIGHTHOUSE POINT through the construction, installation and connection of reclaimed water transmission lines throughout the LIGHTHOUSE POINT Service Area; and

**WHEREAS**, both cities are authorized to enter into this Amended and Restated Interlocal Agreement pursuant to the provisions of Florida Statutes 163.01; and

**WHEREAS**, both cities have determined that it is mutually beneficial and in the best interests of the public to enter into this Amended and Restated Interlocal Agreement providing for reclaimed water service.

**NOW, THEREFORE, IN CONSIDERATION** of the mutual terms, conditions, promises, covenants, and payments hereinafter set forth, POMPANO BEACH and LIGHTHOUSE POINT agree to the following:

**ARTICLE I**  
**BACKGROUND PURPOSE AND INTENT**

- 1.1 The above recitals are true and correct and are incorporated herein as if set forth in full hereunder.
- 1.2 POMPANO BEACH currently provides potable water to customers in the LIGHTHOUSE POINT Service Area. A map of the LIGHTHOUSE POINT Service Area is attached and incorporated herein as "**EXHIBIT A.**"
- 1.3 POMPANO BEACH currently provides reclaimed water from their tertiary treatment facility for use by LIGHTHOUSE POINT in irrigation the median strips located within LIGHTHOUSE POINT in the center of Federal Highway, by and through an Interlocal Agreement providing for effluent water, dated May 1, 1997 and amended January 26, 2007.
- 1.4 POMPANO BEACH is authorized under Florida Department of Environmental Protection Permit FLA103581-006-DW1P ("Reuse Permit") to expand its reuse distribution system into the LIGHTHOUSE POINT Service Area. A copy of the Reuse Permit is attached and incorporated herein as "**EXHIBIT B.**"
- 1.5 POMPANO BEACH has reclaimed water capacity sufficient to meet the needs of its customers in the LIGHTHOUSE POINT Service Area.
- 1.6 POMPANO BEACH will provide reclaimed water directly to its customers in LIGHTHOUSE POINT and receive payment in accordance with the terms set forth in this Agreement.

**ARTICLE II**  
**EFFECTIVE DATE AND DURATION**

- 2.1 This Agreement shall take effect upon the last date that both parties have executed the same by their appropriate City officials and Pompano Beach has filed the Agreement with the Clerk of the Circuit Court for Broward County, Florida, as required by Florida Statute Section 163.01(11) (the "Effective Date"). At that point this Agreement shall supersede and replace the Interlocal Agreement between POMPANO BEACH and LIGHTHOUSE POINT, providing for effluent water use, dated May 1, 1997 and approved by POMPANO BEACH Resolution 97-116 and LIGHTHOUSE POINT Resolution 983, the Addendum to Interlocal Agreement between POMPANO BEACH and LIGHTHOUSE POINT, providing for inspection and signage, dated January 26, 2007 and approved by POMPANO BEACH Resolution 2007-100 and LIGHTHOUSE POINT Resolution 2006-1543.
- 2.2 The Parties acknowledge undertaking this Agreement is a major obligation. The term of this Agreement will begin on the Effective Date and have a 10-year term, with up to four 5 -year renewal options that would be automatic unless either party provides written notice to the other party, at least one hundred and eighty (180) days prior to the scheduled date of expiration, that it does not want to renew the contract.
- 2.3 This Agreement may be terminated:
- Upon timely notice prior to the end of a term pursuant to Section 2.2 above,
  - for cause as provided in Section 2.4 below,
  - by mutual agreement of the parties, as evidenced by resolutions adopted by each governing body,
  - upon three (3) years written notice by POMPANO BEACH to LIGHTHOUSE POINT or by LIGHTHOUSE POINT to POMPANO BEACH, or,
  - pursuant to Section 5.4 (ASSIGNMENT).
- 2.4 This Agreement may be terminated for breach of this Interlocal Agreement by the aggrieved Party, if the Party in breach has not corrected the breach within thirty (30) days after written notice from the aggrieved Party identifying the breach for public health and safety reasons, such as notices received by POMPANO BEACH from regulatory agencies, or one hundred and eighty (180) days after written notice from the aggrieved Party identifying the breach for other reasons not affecting public health and safety.
- 2.5 In the event of a termination or non-renewal of this Agreement, POMPANO BEACH shall not be responsible for all costs of disconnecting all Customers in LIGHTHOUSE POINT from the Reclaimed Water System and reconnecting the Customers entire

service to the potable water system or if such is no longer permitted by law to such water system permitted by law for irrigation. Any infrastructure installed by POMPANO BEACH in furtherance of the Agreement, the Program, or Project, shall not be removed by POMPANO BEACH.

- 2.6 Nothing in this Agreement, including, but not limited to, termination, non-renewal, or expiration of this Agreement, will affect POMPANO BEACH'S franchise, or its duties and obligations, to provide potable water to its customers in the LIGHTHOUSE POINT Service Area.

### **ARTICLE III**

#### **TERMS OF AGREEMENT FOR POMPANO BEACH'S PROVISION OF RECLAIMED WATER TO LIGHTHOUSE POINT - MEDIANS**

##### **A. Rates**

- 3.1 POMPANO BEACH shall recover the costs of the treatment of reuse water and delivery to LIGHTHOUSE POINT and its residents in accordance with Chapter 54: Reuse Water and Cross-Connection of the Pompano Beach City Code of Ordinances, Connection Charges and Rates. These rates will be adjusted from time to time in accordance with POMPANO BEACH'S ratemaking process. Pursuant to POMPANO BEACH Chapter 54, Section 54.05(G)(3), Customers in LIGHTHOUSE POINT will pay the same rates, charges and deposits as Customers within POMPANO BEACH, including an additional charge of twenty-five (25) percent for reclaim water service outside of the incorporated limits of POMPANO BEACH to cover POMPANO BEACH's costs and staff time associated with extending this service into the LIGHTHOUSE POINT Service Area and administering the Program and Project.

##### **B. Metering/Delivery/Usage**

- 3.2 POMPANO BEACH has furnished and installed a Reuse metering device, housing, accessories, and appurtenances of a type and design selected by POMPANO BEACH, at the site mutually agreed to by both parties for median deliveries. POMPANO BEACH shall retain ownership of the metering device, together with the housing, accessories, and appurtenances thereto. LIGHTHOUSE POINT shall have the right to make its own meter inspection, or to have an independent company check the metering equipment at any time during normal business hours provided, however, no such inspection shall be made unless LIGHTHOUSE POINT shall first give POMPANO BEACH notice of its intent to have the inspection made. All cost and expense of LIGHTHOUSE POINT's inspection shall be borne by LIGHTHOUSE POINT unless the meter is found to be inaccurate beyond the manufacturer's guaranteed range of accuracy and for the installation location, in which case the cost and expense of such inspection shall be borne by POMPANO BEACH. Normal maintenance of the metering device shall be performed by POMPANO BEACH as an expense of Reuse treatment.

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Both parties agree that, should the metering equipment be found to be inaccurate beyond the manufacturer's range of accuracy and for the installation location, the meter will be assumed inaccurate since the last meter check and that the following month's billing will be adjusted to show a credit or additional charge to LIGHTHOUSE POINT for that period.

Both parties agree that, if at any time the metering system shall be inoperative or in any way fails to provide information with respect to the quantity of flow, LIGHTHOUSE POINT will pay POMPANO BEACH a sum equal to the flow of the monthly billing period prior to the date the meter became inoperative.

- 3.3 POMPANO BEACH shall deliver reuse to said median meter. LIGHTHOUSE POINT will cause pipes and sprinklers to be installed from the POMPANO BEACH meter north throughout the median locations. POMPANO BEACH shall have no obligation for costs incurred with respect to the installation, maintenance or repairs of the lines or sprinkler systems, that being the sole expense of LIGHTHOUSE POINT.
- 3.4 POMPANO BEACH and LIGHTHOUSE POINT acknowledge that the water being used to irrigate is reclaimed water. This water is not potable. POMPANO BEACH and LIGHTHOUSE POINT agree that reuse water shall not be for human or animal consumption and shall only be used for sprinkling the median strips. LIGHTHOUSE POINT agrees to install appropriate signage, applicable reclaimed water requirements in Florida Statutes, local ordinances and rules, including Pompano Beach City Code of Ordinances Chapter 54 and Broward County ordinances and rules, and permit conditions at their sole cost.
- 3.5 a. In the event, due to plant failure or other causes, the quality of the water deteriorates to a point that POMPANO BEACH does not feel that it is safe or advisable to use the same for the irrigation, POMPANO BEACH will notify LIGHTHOUSE POINT of the stoppage of the water flow and, if possible, the date that it is anticipated it will recommence delivering reclaimed water. Any such stoppage shall not be a breach of this Agreement provided that Pompano Beach diligently works to resolve the issues.
- b. Both parties agree that any temporary cessation of reclaimed water transmission resulting from an act of God, fire, strikes, casualty, necessary maintenance work, breakdown of or injury to machinery, pumps or pipe lines, unavailability, insurrection or riot, or civil or military authority, (collectively "force majeure") shall not constitute a breach of this Agreement on the part of POMPANO BEACH and POMPANO BEACH shall not be liable to LIGHTHOUSE POINT for any damage resulting from such cessation.
- c. During any such stoppage of water flow or temporary cessation of reclaimed water to LIGHTHOUSE POINT due to any of the scenarios described herein,

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POMPANO BEACH agrees to not charge the monthly Availability Charge to the LIGHTHOUSE POINT customers if the time period for water flow cessation exceeds that of thirty (30) consecutive days.

- 3.6 POMPANO BEACH will read the median reuse water meter and deliver a bill to LIGHTHOUSE POINT monthly establishing the amount of Reuse consumption used by LIGHTHOUSE POINT for its median strip irrigation. LIGHTHOUSE POINT agrees to pay said bill within 30 days after receipt of the same.
- 3.7 LIGHTHOUSE POINT agrees that it will not connect nor allow any connection to any portion of the reuse system by any properties, persons, buildings or structures without prior permission of and approval of POMPANO BEACH, including compliance with all terms and conditions established by POMPANO BEACH, and any revenue or resale derived from any such connection shall belong to and be the property of POMPANO BEACH unless agreed otherwise.

**C. Inspection/Notification/Compliance**

- 3.8 POMPANO BEACH agrees to conduct annual inspection of the medians and check valve boxes for signage requirements according to FAC 62-610 as amended. Inspections shall be conducted and documented by POMPANO BEACH at its sole expense.
- 3.9 LIGHTHOUSE POINT agrees to allow POMPANO BEACH access to inspection locations in public medians where reuse is applied.
- 3.10 LIGHTHOUSE POINT agrees to install approved cross connection control devices in any public reuse irrigation area, such as parks and medians, where potable water is available.
- 3.11 LIGHTHOUSE POINT agrees to provide a map annually to POMPANO BEACH showing the locations of all valve boxes, and to provide revisions upon receiving approval for additional connections.
- 3.12 LIGHTHOUSE POINT shall be responsible for implementation in median system of any federal, state, or local regulations imposed upon LIGHTHOUSE POINT, either now or in the future, with the exception that it shall be the responsibility of POMPANO BEACH to implement any federal, state or local regulations related to the water quality standards and reuse system, known as OASIS Reuse Water Program.

**ARTICLE IV**

**TERMS OF AGREEMENT FOR POMPANO BEACH'S PROVISION OF  
RECLAIMED WATER TO WATER CUSTOMERS IN LIGHTHOUSE POINT  
SERVICE AREA**

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#### **A. Rates**

- 4.1 POMPANO BEACH shall recover the costs of the treatment of reuse water and delivery to LIGHTHOUSE POINT and its residents in accordance with Chapter 54: Reuse Water and Cross-Connection of the Pompano Beach City Code of Ordinances, Connection Charges and Rates. These rates will be adjusted from time to time in accordance with the City's ratemaking process. Pursuant to POMPANO BEACH Chapter 54, Section 54.05(G)(3), Customers in LIGHTHOUSE POINT will pay the same rates, charges and deposits as Customers within POMPANO BEACH including an additional charge of twenty-five (25) percent for reclaim water base charge and usage only outside of the incorporated limits of POMPANO BEACH to cover POMPANO BEACH's costs and staff time. During any such stoppage of water flow or temporary cessation of reclaimed water to LIGHTHOUSE POINT due to any of the scenarios described herein, POMPANO BEACH agrees to not charge the monthly Availability Charge to the LIGHTHOUSE POINT customers if the time period for water flow cessation exceeds that of thirty (30) consecutive days.

#### **B. Project Construction**

- 4.2 POMPANO BEACH agrees to construct, install and connect reclaimed water transmission lines within the LIGHTHOUSE POINT Service Area for service to POMPANO BEACH'S water customers located in the LIGHTHOUSE POINT Service Area (the "Project"). The Project includes construction and installation of all facilities necessary to distribute reclaimed water within LIGHTHOUSE POINT, such as the major trunk line, transmission mains, service line installation, up to the Customer Meter, as well as a Master Meter at the boundary between the LIGHTHOUSE POINT Service Area and the Broward County Service Area within the City providing for a tie-in for a possible future connection to the portion of the City served by Broward County.
- 4.3 All construction Costs for the Project, as more particularly described above, will be borne by POMPANO BEACH. The term "Costs" or "Cost" as used in this Article IV shall be construed broadly and, in the case of any case, controversy, or dispute arising out of, or related to, whether an expenditure is a "Cost for the Project," it is the intent of the Parties that unless specifically provided for in this Agreement, neither Lighthouse Point, nor a Lighthouse Point Customer shall be obligated to pay any "Costs for the construction of the Project."
- 4.4 POMPANO BEACH proposes to complete the Project within six (6) years of the Effective Date of this Agreement; provided that POMPANO BEACH shall complete the Project within the "Marina Area" as depicted on EXHIBIT "A" within three (3) years of the Effective Date of this Agreement. POMPANO BEACH will utilize its existing \$300,000 grant from the State to complete construction of the major trunk line within

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twelve (12) months following contractor selection. Contractor selection shall be made by POMPANO BEACH within one hundred and twenty (120) days of the Effective Date of this Agreement.

- 4.5 POMPANO BEACH will coordinate with LIGHTHOUSE POINT, through the City Administrator, on the construction schedule of the major trunk line, transmission mains, and service line installation.
- 4.6 POMPANO BEACH will conduct installations in the street and make every effort to minimize the disruption to LIGHTHOUSE POINT residents.
  - 4.6.1 The Maintenance of Traffic Plan (MOT) for any work that affects streets and roadways within LIGHTHOUSE POINT shall be agreed to, in writing, by the POMPANO BEACH City Manager and the LIGHTHOUSE POINT City Administrator prior to the commencement of any work affecting the street or roadway within LIGHTHOUSE POINT.
  - 4.6.2 POMPANO BEACH will provide written notice to affected residents at least thirty (30) days prior to construction and work with Customers to establish the best location for their reuse meters. Where possible, the reuse meter shall be installed adjacent to the existing potable water meter on a property. In the event of dispute regarding location of reuse meters, POMPANO BEACH shall contact the LIGHTHOUSE POINT City Administrator who shall facilitate a resolution to the dispute satisfactory to POMPANO BEACH, within three (3) business days so as to not delay the construction schedule deadlines provided herein.
  - 4.6.3 POMPANO BEACH will restore streets each night such that residents will be able to travel back and forth as needed. Once installation on a street or area has been completed, the street will be patched by POMPANO BEACH. POMPANO BEACH will make its best effort so that no street or area shall remain in an unpatched condition for more than thirty (30) days. POMPANO BEACH shall use the FDOT Index 307 and the LIGHTHOUSE POINT City Engineer's recommendation for pavement restoration.
- 4.7 Reuse lines at or near bridges shall be installed only in the manner and locations approved by LIGHTHOUSE POINT.
- 4.8 If Broward County and POMPANO BEACH agree to expand its OASIS Reuse Water Program in the future, POMPANO BEACH agrees that it shall install a Master Meter at the boundary between the LIGHTHOUSE POINT Service Area and the Broward County Service Area within the City.

### **C. Connection**

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- 4.9 POMPANO BEACH will connect all customers in the LIGHTHOUSE POINT Service Area to the reuse system using the "I Can Water Connection Program" (hereinafter "Program") (as described in Pompano Beach City Code of Ordinances Chapter 54), with no Costs up to the Connection to the manifold arising out of or related to the Project and/or Program to be borne or paid by the Single-Family Residential Customers listed in the, attached and incorporated "**EXHIBIT C.**" LIGHTHOUSE POINT will facilitate connection of Multi-Family residents in the LIGHTHOUSE POINT Service Area to the reuse system, as more particularly described in "**EXHIBIT D,**" by issuing a building permit with the Multi-Family resident paying for such connection. LIGHTHOUSE POINT will facilitate connection of its Commercial residents, including all other categories other than residential, as more particularly described in "**EXHIBIT E,**" by issuing a building permit in the LIGHTHOUSE POINT Service Area, with the Commercial residents paying for such connection. The customers on the attached "**EXHIBIT D**" and "**EXHIBIT E**" shall under no circumstances be obliged to pay for any Costs associated with the Project construction. Notwithstanding any provision to the contrary in this Agreement, Exhibits C, D, and E may be amended by mutual agreement of the parties by the LIGHTHOUSE POINT City Administrator and the POMPANO BEACH Utilities Director to correct errors relating to the categorization of properties in the exhibits.
- 4.10 POMPANO BEACH may locate parts of the Project on property owned by LIGHTHOUSE POINT. Any such locations shall be subject to the agreement of LIGHTHOUSE POINT. Any property right interest shall be provided at no cost to POMPANO BEACH; provided that POMPANO BEACH shall be responsible for the costs of preparing and recording any easement for such facility in a form mutually agreed to by LIGHTHOUSE POINT City Attorney and POMPANO BEACH City Attorney, to the property needed by POMPANO BEACH for the Point of Connection, Metering Facilities, and necessary transmission facilities, and such interest in property as is necessary to provide ingress and egress by POMPANO BEACH to said point of connection, metering facilities, and necessary transmission facilities.
- 4.11 POMPANO BEACH and LIGHTHOUSE POINT acknowledge that the reclaimed water is not potable.
- 4.12 POMPANO BEACH will read the median reuse water meter and deliver a bill to Customers within LIGHTHOUSE POINT monthly establishing the amount of Reuse consumption used by such Customers.

**D. Inspection/Notification/Compliance**

- 4.13 POMPANO BEACH will, at its sole expense, conduct inspections of all Single-Family residential customers in the LIGHTHOUSE POINT Service Area to verify proper connections, to minimize illegal cross-connections, and to verify the proper use of

reclaimed water. Inspections are required when a customer first connects to the reuse distribution system. POMPANO BEACH will perform, at its sole expense, subsequent inspections as required by the DEP's cross-connection control and inspection program and City Code of Ordinances Chapter 54. POMPANO BEACH will provide reasonable notice to both LIGHTHOUSE POINT and any Single Family Residential Customer, as more particularly described in the attached Exhibit "C," in the LIGHTHOUSE POINT Service Area of any such inspection and work cooperatively with LIGHTHOUSE POINT and the customer to minimize any disturbance caused by any such inspection(s).

- 4.14 LIGHTHOUSE POINT agrees to allow POMPANO BEACH access to locations owned by LIGHTHOUSE POINT for purposes of inspecting and/or correcting a suspected cross-connection or backflow.
- 4.15 If a cross-connection between the cross-connection between the potable and reclaimed water systems is discovered, POMPANO BEACH will:
  - a. Immediately discontinue potable water and/or reclaimed water service to the affected area;
  - b. Eliminate the cross-connection; and
  - c. Within 24 hours, notify the DEP's Southeast District Office's domestic Reuse and drinking water programs and any other required state, local or federal agency required by law.
- 4.16 POMPANO BEACH will not permit reuse by a third party of reclaimed water without requiring as a condition of such use compliance with City Code of Ordinances Chapter 54. POMPANO BEACH will meet all requirements for public health and reuse of reclaimed water as described in Chapter 62-610, Florida Administrative Code (F.A.C.), as amended, and the Reuse Permit issued by the Florida Department of Environmental Protection, as more particularly described in the attached Exhibit "B" and shall also be responsible to ensure that third party users meet these same requirements. POMPANO BEACH will be solely responsible for any reclaimed water sampling, inspection and testing required by any federal, state or local regulatory agency for reclaimed water downstream of any point of connection within the LIGHTHOUSE POINT Service Area.
- 4.17 POMPANO BEACH shall provide water quality testing results to LIGHTHOUSE POINT no less frequently than once a quarter. LIGHTHOUSE POINT is authorized to conduct its own water quality testing at its sole cost and expense.

#### **E. Reclaimed Water Supply**

- 4.18 a. In the event, due to plant failure or other causes, the quality of the water deteriorates to a point that POMPANO BEACH does not feel that it is safe or advisable to use the same for the irrigation, POMPANO BEACH will notify LIGHTHOUSE POINT and its Customers of the stoppage of the water flow and, if possible, the date that it is

anticipated it will recommence delivering reclaimed water. Any such stoppage shall not be a breach of this Agreement provided that Pompano diligently works to resolve the issues.

b. Notwithstanding anything over thirty days, both parties agree that any temporary cessation of reclaimed water transmission resulting from an act of God, fire, strikes, casualty, necessary maintenance work, breakdown of or injury to machinery, pumps or pipe lines, unavailability, insurrection or riot, or civil or military authority, (collectively "force majeure") shall not constitute a breach of this Agreement on the part of POMPANO BEACH and POMPANO BEACH shall not be liable to LIGHTHOUSE POINT for any damage resulting from such cessation.

c. POMPANO BEACH does not guarantee the supply of the reclaimed water. Cessation or restriction of reclaimed water supply services, including any resulting from, but not limited to, an act of God; fire; strikes; accidents; casualty; maintenance; expansion; breakdown or damage to machinery, pumps, pipelines, or storage, processing, treatment or other facilities insurrection or riot; government rules, acts orders, restrictions, regulations or requirements; discretionary acts or actions of any government, public, governmental authority, commission, board, agency, agent, official or officer (except for actions or of the Parties or its employees, agents or officers affecting this Agreement); the enactment of any statute, ordinance resolution, regulation, rule, ruling or order; a decree, judgment or injunction of any court; civil or military authority will not constitute a breach of this Agreement by POMPANO BEACH. POMPANO BEACH will exercise its regular management practices with respect to providing reclaimed water of a supply and quality to meet the needs of its customers in the LIGHTHOUSE POINT Service Area.

## **ARTICLE V**

### **MISCELLANEOUS**

- 5.1 **COOPERATION**. The Parties will cooperate and provide each other with all reasonably necessary information pertinent to the Project and/or the Program, which any federal, state, or local agencies will require in an application for financial assistance for construction of reclaimed water facilities.
- 5.2 **DEFAULT**. In the event any Party defaults under any terms or provisions of this Agreement, the Parties may avail themselves of any rights or remedies available under applicable law, except that the Agreement may not be terminated, except as specified in Section 2.3.

- 5.3 NOTICES. Whenever either Party desires to give notice to the other, such notice must be in writing, sent by certified United States Mail, postage prepaid, return receipt requested, or sent by commercial express carrier with acknowledgement of delivery, or by hand delivery with a request for a written receipt of acknowledgment of delivery, addressed to the Party for whom it is intended at the place last specified. The place for giving notice will remain the same as set forth herein until changed in writing in the manner provided in this section. For the present, the Parties designate the following:

FOR LIGHTHOUSE POINT:

City Administrator  
2200 NE 38th Street  
Lighthouse Point, FL 33064

With copies to:

Mayor  
2200 NE 38th Street  
Lighthouse Point, FL 33064

City Attorney  
Michael D. Cirullo, Jr.  
Goren, Cherof, Doody and Ezrol, PA  
3099 E. Commercial Blvd., #200  
Fort Lauderdale, FL 33308

FOR POMPANO BEACH:

Director of Utilities  
City of Pompano Beach Utilities Department  
1205 NE 5<sup>th</sup> Avenue  
Pompano Beach, FL 33060

With Copies to:

City Manager  
1205 NE 5<sup>th</sup> Avenue  
Pompano Beach, FL 33060

City Attorney  
1205 NE 5<sup>th</sup> Avenue  
Pompano Beach, FL 33060

- 5.4 ASSIGNMENT. Neither this Agreement nor any right or interest herein will be assigned, transferred, or encumbered without the written consent of the other Party. Notwithstanding the Termination provisions of Article II of this Agreement, either party may terminate this Agreement, effective immediately, if there is any assignment, or attempted assignment, transfer, or encumbrance, by the other party of this Agreement or any right or interest herein without the advance written consent of the non-assigning party.
- 5.5 BINDING. Both Parties agree that this Agreement will be binding upon any successors and assigns of the parties hereto and may be enforced by appropriate action in court, or courts, of competent jurisdiction.
- 5.6 GOVERNMENTAL IMMUNITY. Nothing herein is intended to serve as a waiver of sovereign immunity by any Party nor will anything included herein be construed as consent to be sued by third parties in any matter arising out of this Agreement or any other contract.
- 5.7 WAIVER OF BREACH. Each requirement, duty, and obligation set forth herein was bargained for at arm's-length and is agreed to by the Parties. POMPANO BEACH or LIGHTHOUSE POINT's failure to enforce any provision of this Agreement will not be deemed a waiver of such provision or modification of this Agreement. A waiver of any breach of a provision of this Agreement will not be deemed a waiver of any subsequent breach and will not be construed to be a modification of the terms of this Agreement.
- 5.8 COMPLIANCE WITH LAWS/PERMITS. POMPANO BEACH and LIGHTHOUSE POINT will comply with all applicable federal, state, and local laws, codes, ordinances, rules, regulations, and permits in performing its duties, responsibilities, and obligations pursuant to this Agreement.
- 5.9 INDEMNIFICATION. Each party agrees, to the extent permitted by law, to indemnify, save and hold harmless the other party and any of its officials, commissioners, officers agents and employees from any and all claims of loss, injury, death, damage and liabilities of whatever kind or nature including attorney's fees, court costs and interest and any costs of defense from any persons, or their personal representatives, estate, heirs, next-of-kin, or any other party that may claim or have acquired an interest, occasioned wholly, or in part, by the conduct, action, activities, or negligence of that party, its agents or employees, involving or arising from, that party's involvement in this Agreement.
- 5.10 SEVERANCE. In the event a portion of this Agreement is found by a court of competent jurisdiction to be invalid, the remaining provisions will continue to be effective.

- 5.11 JOINT PREPARATION. The Parties and their counsel have participated fully in the drafting of this Agreement and acknowledge that the preparation of this Agreement has been their joint effort. The language agreed to expresses their mutual intent and the resulting document will not, solely as a matter of judicial construction, be construed more severely against one of the Parties than the other. The language in this Agreement will be interpreted as to its fair meaning and not strictly for or against any Party.
- 5.12 PRIORITY OF PROVISIONS. If there is a conflict or inconsistency between any term, statement, requirement, or provision of any exhibit attached hereto, any document or events referred to herein, or any exhibit incorporated into this Agreement by reference and a term, statement, requirement, or provision of Articles I through V of this Agreement, the term, statement, requirement, or provision contained in the exhibit will prevail and be given effect.
- 5.13 JURISDICTION, VENUE, WAIVER OF JURY TRIAL. This Amended and Restated Interlocal Agreement will be interpreted and construed in accordance with and governed by the laws of the State of Florida. The Parties acknowledge that jurisdiction of any controversies or legal disputes arising out of this Agreement and any action involving the enforcement or interpretation of any rights hereunder, will be exclusively in the state courts of the Seventeenth Judicial Circuit in Broward County, Florida, and venue for litigation arising out of this Agreement will be exclusively in such state courts, forsaking any other jurisdiction which either Party may claim by virtue of its residency or other jurisdictional device. **BY ENTERING INTO THIS AGREEMENT, LIGHTHOUSE POINT AND POMPAÑO BEACH HEREBY EXPRESSLY WAIVE ANY RIGHTS EITHER PARTY MAY HAVE TO A TRIAL BY JURY OF ANY CIVIL LITIGATION RELATED TO, ARISING FROM, OR IN CONNECTION WITH THIS AGREEMENT.**
- 5.14 AMENDMENTS. No modification, amendment, or alteration in the terms or conditions contained herein will be effective unless contained in a written document prepared with the same or similar formality as this Agreement and executed by POMPAÑO BEACH and LIGHTHOUSE POINT, or others delegated authority to or otherwise authorized to execute same on their behalf.
- 5.15 PRIOR AGREEMENTS. This document represents the final and complete understanding of the Parties and incorporates or supersedes all prior negotiations, correspondence, conversations, agreements, and understandings applicable to the matters contained herein. There is no commitment, agreement, or understanding concerning the subject matter of this Agreement that is not contained in this written document. Accordingly, no deviation from the terms hereof will be predicated upon any prior representation or agreement, whether oral or written.

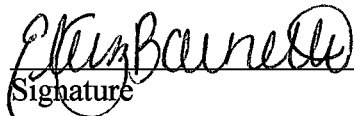
- 5.16 INCORPORATION BY REFERENCE. The truth and accuracy of each "Whereas" clause set forth above is acknowledged by the Parties. The attached Exhibits "A," "B," "C," "D" and "E" and are incorporated into and made part of this Agreement.
- 5.17 REPRESENTATION OF AUTHORITY. Each individual executing this Agreement on behalf of a Party hereto hereby represents and warrants that he or she is, on the date he or she signs this Agreement, duly authorized by all necessary and appropriate action to execute this Agreement on behalf of such Party and does so with full legal authority.
- 5.18 MULTIPLE ORIGINALS. Multiple copies of this Agreement may be executed by all Parties, each of which, bearing original signatures, will have the force and effect of an original document.


**IN WITNESS WHEREOF**, the Parties have made and executed this Agreement: CITY OF LIGHTHOUSE POINT, signing by and through its Mayor, who is duly authorized to execute this Agreement, and CITY OF POMPANO BEACH, signing by and through its \_\_\_\_\_, duly authorized to execute same.

**"LIGHTHOUSE POINT"**


**Witnesses:**

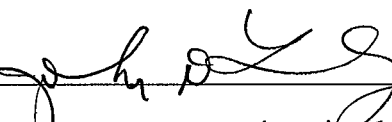
**CITY OF LIGHTHOUSE POINT**

  
Signature

By: 

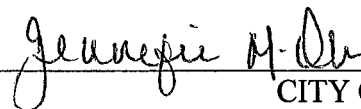
Its: Mayor

  
Signature


By:   
Its: City Administrator

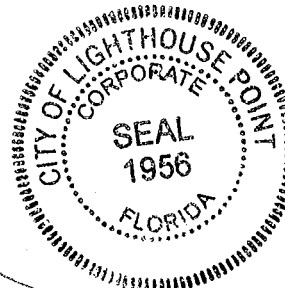
(SEAL)

Attest:

  
CITY CLERK

Approved by:

  
CITY ATTORNEY



**"POMPANO BEACH"**

**Witnesses:**

**CITY OF POMPANO BEACH**

\_\_\_\_\_  
Signature

By: \_\_\_\_\_

Its: \_\_\_\_\_

\_\_\_\_\_  
Signature

By: \_\_\_\_\_

Its: \_\_\_\_\_

**(SEAL)**

Attest:

\_\_\_\_\_  
CITY CLERK

Approved by:

\_\_\_\_\_  
CITY ATTORNEY





# Proposed Reuse in Lighthouse Point *EXHIBIT A*



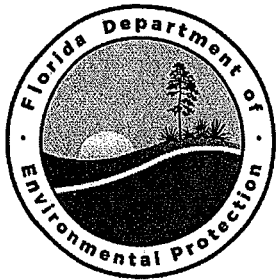
- Legend**  
**Reuse New Lines**  
**Year**
- FY 2017
  - FY 2018
  - FY 2019
  - FY 2020
  - FY 2021

0 275 550 1,100 1,650 2,200 Feet

Not to Scale



This product has been compiled from various source data. However, this product is for reference purposes only and is not to be construed as a legal document or survey instrument. Any reliance on the information contained herein is at the user's own risk. The City of Pompano Beach assumes no responsibility for any use of the information contained herein or any loss resulting therefrom.



# Florida Department of Environmental Protection

**SOUTHEAST DISTRICT OFFICE  
3301 GUN CLUB ROAD, MSC 7210-1  
WEST PALM BEACH, FL 33406-3007  
561-681-6600**

**Exhibit B**

**RICK SCOTT  
GOVERNOR**

**CARLOS LOPEZ-CANTERA  
LT. GOVERNOR**

**JONATHAN P. STEVERSON  
SECRETARY**

December 22, 2015

In the Matter of an  
Application for Permit by:

Pompano Beach, City of  
Randolph Brown  
1205 NE 5th Ave  
Pompano Beach, Florida 33060-5758

File Number FLA013581-007-DW1P  
Broward County  
Pompano Beach Reuse

## **NOTICE OF PERMIT ISSUANCE 10 YEAR PERMIT**

Enclosed is Permit Number FLA013581 to operate and to expand the Pompano Beach Reuse Facility, issued under Chapter 403, Florida Statutes. The permit also allows discharge from the facility to the Broward County North Reuse System that is regulated under their Permit Number FL0031771

**Please note that the effective date of this permit is May 22, 2016 not on the issuance date of this notice.**

**Monitoring requirements under this permit are effective on July 1, 2016 the first day of the second month following the effective date of the permit.**

**The current permit for this facility expires on May 22, 2016. The new monitoring begins July 1, 2016. Until such time, the current permit and all the permit requirements therein shall remain in effect.**

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen days of receipt of notice. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Under Rule 62-110.106(4), Florida Administrative Code, a person may request an extension of the time for filing a petition for an administrative hearing. The request must be filed (received by the Clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

Petitions by the applicant or any of the persons listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), Florida Statutes, must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first. Section 120.60(3), Florida Statutes, however, also allows that any person who has asked the Department in writing for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for an extension of time within fourteen days of receipt of notice shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information, as indicated in Rule 28-106.201, Florida Administrative Code:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the determination;
- (c) A statement of when and how the petitioner received notice of the Department's decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the Department's proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's proposed action.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

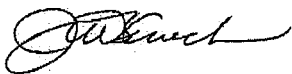
Mediation under Section 120.573, Florida Statutes, is not available for this proceeding.

This permit action is final and effective on the date filed with the Clerk of the Department unless a petition (or request for an extension of time) is filed in accordance with the above. Upon the timely filing of a petition (or request for an extension of time), this permit will not be effective until further order of the Department.

Any party to the permit has the right to seek judicial review of the permit action under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when this permit action is filed with the Clerk of the Department.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



On Behalf of

Jason Andreotta  
Permitting Program Administrator  
Southeast District  
JRA/mwb

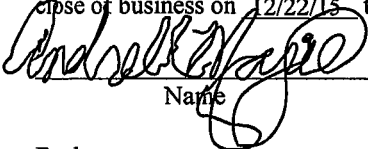
PERMIT ISSUANCE DATE: December 22, 2015

#### FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated Deputy Clerk, receipt of which is hereby acknowledged.

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on 12/22/15 to the listed persons.

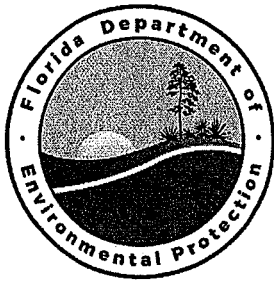
  
Name

December 22, 2015

Date

Enclosure

Electronic copies furnished to: Diane Pupa, DEP/SED, [diane.pupa@dep.state.fl.us](mailto:diane.pupa@dep.state.fl.us)  
Konstantin Dubov, DEP/SED, [konstantin.dubov@dep.state.fl.us](mailto:konstantin.dubov@dep.state.fl.us)  
Garth Hinckle, BCDPEP, [ghinckle@co.broward.fl.us](mailto:ghinckle@co.broward.fl.us)  
Joanne Swing, BCDPEP, [JSWING@broward.org](mailto:JSWING@broward.org)  
Michael Bechtold DEP/SED, [mike.bechtold@dep.state.fl.us](mailto:mike.bechtold@dep.state.fl.us)  
Denise Watts, DEP/SED, [Denise.Watts@dep.state.fl.us](mailto:Denise.Watts@dep.state.fl.us)  
Phil Hyer, City of Pompano Beach, [Phil.Hyer@copbfl.com](mailto:Phil.Hyer@copbfl.com)  
Maria Loucraft, City of Pompano Beach, [Maria.Loucraft@copbfl.com](mailto:Maria.Loucraft@copbfl.com)  
Monica Pazahanick, Carollo Engineers/Lake Worth, [MPazahanick@carollo.com](mailto:MPazahanick@carollo.com)



# Florida Department of Environmental Protection

SOUTHEAST DISTRICT OFFICE  
3301 GUN CLUB ROAD, MSC 7210-1  
WEST PALM BEACH, FL 33406-3007  
561-681-6600

RICK SCOTT  
GOVERNOR

CARLOS LOPEZ-CANTERA  
LT. GOVERNOR

JONATHAN P. STEVERSON  
SECRETARY

## STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

**PERMITTEE:**

Pompano Beach, City of

**PERMIT NUMBER:** FLA013581

**FILE NUMBER:** FLA013581-007-DW1P

**EFFECTIVE DATE:** December 22, 2015

**EXPIRATION DATE:** December 21, 2025

**RESPONSIBLE OFFICIAL:**

Mr. Randolph Brown  
1205 NE 5th Ave  
Pompano Beach, Florida 33060-5758  
(954) 786-4194

**FACILITY:**

Pompano Beach Reuse  
1801 N Federal Hwy  
Pompano Beach, FL 33062-1008  
Broward County  
Latitude: 26°15' 14.67" N    Longitude: 80°6' 3.95" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. The above named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

**WASTEWATER TREATMENT:**

An existing 7.5 mgd permitted capacity reuse domestic wastewater treatment plant consisting of filtration, coagulation, and chlorination. The influent to the facility is from the effluent from the North Broward County Regional Wastewater Treatment Plant traveling to final discharge point in the Atlantic Ocean. The facility is permitted for expansion to 12.5 mgd AADF.

**REUSE OR DISPOSAL:**

**Land Application R-001:** An existing 7.5 mgd annual average daily flow permitted capacity slow-rate public access system with future expansion to over 20 mgd. R-001 is a reuse system which consists of Urban Reuse in North Broward County Florida. There is an interconnection with the North Broward Regional WWTF. The requirements for the reuse system in Broward County Reuse System are covered in Wastewater Facilities Permit Number FL0031771. The requirements for the reuse system in Lighthouse Point are covered in this permit.

**IN ACCORDANCE WITH:** The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 489 of this permit.

PERMITTEE: Pompano Beach, City of  
 FACILITY: Pompano Beach Reuse Facility

PERMIT NUMBER: FLA013581

# I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

## A. Reuse and Land Application Systems

- During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.8.:

Parameter	Units	Max/Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (Total)	mgd	Max Max	Report Report	Annual Average Monthly Average	Daily; 24 hours	Calculated	CAL-001	See I.A.10.
Flow (to Lighthouse Point)	mgd	Max	Report	Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-004	See I.A.17.
Flow (to Broward County Reuse )	mgd	Max	Report	Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-005	See I.A.17.
Flow (Golf Course)	mgd	Max	Report	Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-006	See I.A.17.
Flow (Urban Reuse)	mgd	Max	Report	Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-007	See I.A.17.
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	Daily; 24 hours	Grab	EFB-001	
Coliform, Fecal	#/100mL	Max	25	Single Sample	Daily; 24 hours	Grab	EFF-001	
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	Daily; 24 hours	Calculated	EFF-001	See I.A.4.
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFF-001	See I.A.3.
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFF-001	See I.A.5., 8. and I.A.11.
Turbidity	NTU	Max	Report	Single Sample	Continuous	Meter	EFB-001	See I.A.6., 8. and I.A.11.
Solids, Total Suspended (Using a TSS Meter)	mg/L	Max	Report	Single Sample	Continuous	Meter	EFB-001	See I.A.14. and I.A.15.
Giardia	cysts/100L	Max	Report	Single Sample	Bi-annually; every 2 years	Grab	EFF-001	See I.A.9.

PERMITTEE: Pompano Beach, City of  
 FACILITY: Pompano Beach Reuse Facility

PERMIT NUMBER: FLA013581

Parameter	Units	Max/Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	Bi-annually; every 2 years	Grab	EFF-001	See I.A.9.

PERMITTEE: Pompano Beach, City of  
FACILITY: Pompano Beach Reuse Facility

PERMIT NUMBER: FLA013581

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
CAL-001	Total flow is calculated by the summation of FLW-004, FLW-005, FLW-006 and FLW-007
FLW-004	Reuse Flow to Lighthouse Point
FLW-005	Reuse Flow to Broward County North Reuse System
FLW-006	Reuse Flow to Golf Courses
FLW-007	Reuse Flow to Urban Reuse
EFB-001	After the effluent filters
EFF-001	Sampling line from the end of the chlorine contact basin within the new reuse storage tanks

3. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[Chapter 62-601, Figure 2]*
4. To report the "% less than detection," count the number of fecal coliform observations that were less than detection, divide by the total number of fecal coliform observations in the month, and multiply by 100% (round to the nearest integer). *[62-600.440(5)(f)]*
5. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. *[62-600.440(5)(b); 62-610.460(2); and 62-610.463(2)]*
6. When the turbidity meter is used for compliance, the maximum turbidity shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. The updates to the operating protocol may include an adjustment. The Department shall approve the adjustment in writing. *[62-610.463(2)] [62-4.070 (1) & (3)]*
7. The treatment facilities shall be operated in accordance with all approved operating protocols. Only reclaimed water that meets the criteria established in the approved operating protocol(s) may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed to recycling. *[62-610.320(6) and 62-610.463(2)]*
8. Instruments for continuous on-line monitoring of total residual chlorine and turbidity shall be equipped with an automated data logging or recording device. *[62-610.463(2)]*
9. Intervals between sampling for Giardia and Cryptosporidium shall not exceed two years. *[62-610.463(4)]*
10. The annual average daily (AADF) flow to land application system R001 shall not exceed 7.5 mgd. After Phase Two Construction, the AADF land application system R001 shall not exceed 12.5 mgd. Flow limits may be exceeded if the demand for reclaimed water irrigation at the reuse sites is greater and the irrigation procedure complies with all Department's performance standards for Part III reuse. *[62-4.070 (1) & (3)]*
11. Hourly measurement of Turbidity and total residual chlorine during periods of equipment failure may be substituted for continuous monitoring. *[62-4.070 (1) & (3)]*
12. The plant operator shall record the times that the diversion provision of the operational protocol was used in the daily log. *[62-4.070 (1) & (3)]*
13. The plant computer system may be used in place of a 24-hour recording chart. The computer must be able to print a 24-hour time graph. Each day the computer must print a 24-hour time graph for each continuous meter system. The Permittee must retain the 24-hour time graph for a period of three years. *[62-4.070 (1) & (3)]*



PERMITTEE: Pompano Beach, City of  
FACILITY: Pompano Beach Reuse Facility

PERMIT NUMBER: FLA013581

14. When the TSS meter is used for compliance, the maximum reading from the TSS meter (TSS in mg/L) shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. [62-610.463(2)]
15. When the TSS meter is used, the initial diversion set point when the effluent is sampled for TSS would be expected to exceed 5.0 mg/L is when the TSS meter reads greater than 4.0 mg/L TSS. The permit allows this set point to be updated and revised after acceptance by the Department in writing. The TSS meter shall be calibrated as per the manufacturer recommendations if the daily reading TSS value at the time of sample is over 0.5 mg/L variance from the daily laboratory grab TSS sample. The minimum sample filtration size for TSS monitoring shall be 1,000 mL (or 1 liter) and tested to 0.1 mg/L increments. [62-610.463(2)]
17. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-601.200(17) and .500(6)]

PERMITTEE: Pompano Beach, City of  
 FACILITY: Pompano Beach Reuse Facility

PERMIT NUMBER: FLA013581

**B. Other Limitations and Monitoring and Reporting Requirements**

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.8.:

Parameter	Units	Max/Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow	mgd	Max Max Max	7.5 Report Report	Annual Average 3-month Rolling Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-002	See I.B.4.
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	CAL-002	

PERMITTEE: Pompano Beach, City of  
FACILITY: Pompano Beach Reuse Facility

PERMIT NUMBER: FLA013581

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I.D.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-002	ON THE INFLUENT FORCE MAIN FROM THE NORTH BROWARD COUNTY WWTF OCEAN OUTFALL MAIN
CAL-002	Percent Capacity = $(TMADF/7.5) \times 100$

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-601.200(17) and .500(6)]
5. Sampling results for giardia and cryptosporidium shall be reported on DEP Form 62-610.300(4)(a)4, Pathogen Monitoring, which is attached to this permit. This form shall be submitted to the Department's Southeast District Office and to DEP's Reuse Coordinator in Tallahassee. [62-610.300(4)(a)]
6. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (April 26, 2006)" is available at <http://www.dep.state.fl.us/labs/library/index.htm>. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
- The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
  - The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
  - If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is approved in accordance with 40 CFR 136 or deemed acceptable by the Department. [62-4.246, 62-160]

PERMITTEE: Pompano Beach, City of  
FACILITY: Pompano Beach Reuse Facility

PERMIT NUMBER: FLA013581

7. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
8. Monitoring requirements under this permit are effective on the first day of the second month following the effective date of the permit. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

REPORT Type on DMR	Monitoring Period	Mail or Electronically Submit by
Monthly	first day of month - last day of month	28 <sup>th</sup> day of following month
Quarterly	January 1 - March 31	April 28
	April 1 - June 30	July 28
	July 1 - September 30	October 28
	October 1 - December 31	January 28
Semiannual	January 1 - June 30	July 28
	July 1 - December 31	January 28
Annual	January 1 - December 31	January 28

The Permittee may submit the completed DMRs through the electronic DMR form in the Department's latest EzDMR on-line filing system (preferably), via e-mail to the shared mailbox: SED.wastewater@dep.state.fl.us, or by mail.

Completed DMRs may also be submitted through the Department's latest EzDMR on-line reporting system. Information on the EzDMR on-line filing process, including the sign-up procedure for new user accounts, is available at the following web page: <http://www.fldepportal.com/go/submit-report>. (Questions or requests for assistance with the EzDMR system can be submitted to: [EzDMRAdmin@dep.state.fl.us](mailto:EzDMRAdmin@dep.state.fl.us)). When submitting electronic DMR forms, the Permittee shall use the EzDMR system provided by the Department and shall electronically submit the completed DMR forms to the Department by the twenty-eighth (28th) of the month following the month of operation. Data submitted in electronic format is equivalent to data submitted on signed and certified paper DMR forms. [62-620.610(18)][62-601.300(1), (2), and (3)]

9. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for asbestos, color, odor, and corrosivity). These monitoring results shall be reported to the Department annually on the DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department at the address identified on the DMR by June 28 of each year. Approved analytical methods identified in Rule 62-620.100(3)(j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. [62-601.300(4)][62-601.500(3)][62-610.300(4)]
10. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. [62-610.870(3)]
11. Operating protocol(s) shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted

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to the Department's Southeast District Office for review and approval upon revision of the operating protocol(s) and with each permit application. [62-610.320(6)][62-610.463(2)]

12. The permittee shall maintain an inventory of storage systems. The inventory shall be submitted to the Department's Southeast District Office at least 30 days before reclaimed water will be introduced into any new storage system. The inventory of storage systems shall be attached to the annual submittal of the Annual Reuse Report. [62-610.464(5)]
13. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Southeast District Office at the address specified below:

Florida Department of Environmental Protection  
Southeast District Office  
3301 Gun Club Road, MSC 7210-1  
West Palm Beach, Florida 33406-2913

Phone Number - (561)681-6600

(All electronic signatures and Professional Engineer Certification shall be followed by original copies.)

[62-620.305]

14. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

## II. BIOSOLIDS MANAGEMENT REQUIREMENTS

Section II is not applicable to this facility. The wastewater is discharged to the collection system to be discharge eventually to the North Broward North Regional WWTF as untreated wastewater for further treatment and disposal.

## III. GROUND WATER REQUIREMENTS

Section III is not applicable to this facility.

## IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

### A. Part III Public Access System(s)

1. Use of reclaimed water is authorized within the general service area identified in the attached map. The following uses of reclaimed water are authorized within this general service area:

Aesthetic Purposes (Decorative Ponds, Pools, and Fountains)  
Athletic Complexes and Parks  
Business, Commercial and Industrial Parks  
Construction Dust Control  
Fire Protection  
Golf Courses  
Industrial Uses (Cooling Water, Process Water, and Wash Water at Industrial Facilities)  
Industrial Uses at the WWTP (Cooling Water, Process Water, and Wash Water)  
Line Flushing or Cleaning  
Other Landscape Irrigation  
Residential Developments

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[62-620.630(10)(a)]

2. This reuse system includes the following major user(s) of reclaimed water (i.e., using 0.1 mgd or more) and general service area(s):

Site Number	User Name	User Type	Capacity(mgd)	Acreage
PAA-01	City of Pompano Beach Recreation Facility	Athletic Complexes and Parks	2.5	400
PAA-02	Future Service Area I	Residential Developments	1.7	525
PAA-03	Future Service Area II	Residential Developments	1.5	475
PAA-04	Air Park	Business, Commercial and Industrial Parks	2.0	475
PAA-05	Future Service Area IV	Residential Developments	2.0	625
PAA-06	Future Service Area V	Residential Developments	4.2	1325
PAA-07	Future Service Area VI	Residential Developments	1.5	500
PAA-08	Future Service Area VII	Residential Developments	1.65	525
PAA-09	Palm Aire	Residential Developments	6.25	1500
PAA-10	Broward County Service Area	Residential Developments	0	0
PAA-11	Lighthouse Point Service Area	Residential Developments	0	0
Total			23.3	5825

[62-610.800(5)][62-620.630(10)(b)]

3. New major users of reclaimed water (i.e., using 0.1 mgd or more) may be added to the reuse system using the general permit described in Rule 62-610.890, F.A.C., if the requirements in this rule are complied with. Application for use of this general permit shall be made using Form 62-610.300(4)(a)1. [62-610.890]
4. Cross-connections to the potable water system are prohibited. [62-610.469(7)]
5. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use and shall be in compliance with the Rule 62-555.360, F.A.C. [62-610.469(7)]
6. The permittee shall conduct inspections within the reclaimed water service area to verify proper connections, to minimize illegal cross-connections, and to verify both the proper use of reclaimed water and that the proper backflow prevention assemblies or devices have been installed and tested. Inspections are required when a customer first connects to the reuse distribution system. Subsequent inspections are required as specified in the cross-connection control and inspection program. [62-610.469(7)(h)]
7. If an actual or potential (e.g. no dual check device on residential connections served by a reuse system) cross-connection between the potable and reclaimed water systems is discovered, the permittee shall:
- Immediately discontinue potable water and/or reclaimed water service to the affected area if an actual cross-connection is discovered.
  - If the potable water system is contaminated, clear the potable water lines.

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- c. Eliminate the cross-connection and install a backflow prevention device as required by the Rule 62-555.360.F.A.C.
- d. Test the affected area for other possible cross-connections.
- e. Within 24 hours, notify the Department's Southeast District Office's domestic wastewater and drinking water programs.
- f. Within 5 days of discovery of an actual or potential cross-connection, submit a written report to the Department's Southeast District Office detailing: a description of the cross-connection, how the cross-connection was discovered, the exact date and time of discovery, approximate time that the cross-connection existed, the location, the cause, steps taken to eliminate the cross-connection, whether reclaimed water was consumed, and reports of possible illness, whether the drinking water system was contaminated and the steps taken to clear the drinking water system, when the cross-connection was eliminated, plan of action for testing for other possible cross-connections in the area, and an evaluation of the cross-connection control and inspection program to ensure that future cross-connections do not occur.

*[62-555.350(3) and 62-555.360][62-620.610(20)]*

- 8. Maximum obtainable separation of reclaimed water lines and potable water lines shall be provided and the minimum separation distances specified in Rule 62-610.469(7), F.A.C., shall be provided. Reuse facilities shall be color coded or marked. Underground piping which is not manufactured of metal or concrete shall be color coded using Pantone Purple 522C using light stable colorants. Underground metal and concrete pipe shall be color coded or marked using purple as the predominant color. *[62-610.469(7)]*
- 9. In constructing reclaimed water distribution piping, the permittee shall maintain a 75-foot setback distance from a reclaimed water transmission facility to public water supply wells. No setback distances are required to other potable water supply wells or to any nonpotable water supply wells. *[62-610.471(3)]*
- 10. A setback distance of 75 feet shall be maintained between the edge of the wetted area and potable water supply wells, unless the utility adopts and enforces an ordinance prohibiting potable water supply wells within the reuse service area. No setback distances are required to any nonpotable water supply well, to any surface water, to any developed areas, or to any private swimming pools, hot tubs, spas, saunas, picnic tables, barbecue pits, or barbecue grills. *[62-610.471(1), (2), (5), and (7)]*
- 11. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. *[62-610.469(4)]*
- 12. Low trajectory nozzles, or other means to minimize aerosol formation shall be used within 100 feet from outdoor public eating, drinking, or bathing facilities. *[62-610.471(6)]*
- 13. A setback distance of 100 feet shall be maintained from indoor aesthetic features using reclaimed water to adjacent indoor public eating and drinking facilities. *[62-610.471(8)]*
- 14. The public shall be notified of the use of reclaimed water. This shall be accomplished by posting of advisory signs in areas where reuse is practiced, notes on scorecards, or other methods. *[62-610.468(2)]*
- 15. All new advisory signs and labels on vaults, service boxes, or compartments that house hose bibbs along with all labels on hose bibbs, valves, and outlets shall bear the words "do not drink" and "no beber" along with the equivalent standard international symbol. In addition to the words "do not drink" and "no beber," advisory signs posted at storage ponds and decorative water features shall also bear the words "do not swim" and "no nadar" along with the equivalent standard international symbols. Existing advisory signs and labels shall be retrofitted, modified, or replaced in order to comply with the

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revised wording requirements. For existing advisory signs and labels this retrofit, modification, or replacement shall occur within 365 days after the date of this permit. For labels on existing vaults, service boxes, or compartments housing hose bibbs this retrofit, modification, or replacement shall occur within 730 days after the date of this permit. [62-610.468, 62-610.469]

16. The permittee shall ensure that users of reclaimed water are informed about the origin, nature, and characteristics of reclaimed water; the manner in which reclaimed water can be safely used; and limitations on the use of reclaimed water. Notification is required at the time of initial connection to the reclaimed water distribution system and annually after the reuse system is placed into operation. A description of on-going public notification activities shall be included in the Annual Reuse Report. [62-610.468(6)]
17. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414(8)]
18. Overflows from emergency discharge facilities on storage ponds shall be reported as abnormal events in accordance with Permit Condition IX.20. [62-610.800(9)]

## **V. OPERATION AND MAINTENANCE REQUIREMENTS**

### **A. Staffing Requirements**

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. :  
  
A Class C or higher operator 6 hours/day for 7 days/week. The lead/chief operator must be a Class C operator, or higher.  
  
[62-620.630(3)][62-699.310] [62-610.462]
2. An operator meeting the lead/chief operator class for the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. [62-699.311(1)]

### **B. Capacity Analysis Report and Operation and Maintenance Performance Report Requirements**

1. Capacity Analysis Report is not required for this facility.
2. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]



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### C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility.
  - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
  - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
  - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
  - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
  - e. A copy of the current permit;
  - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
  - g. A copy of any required record drawings;
  - h. Copies of the licenses of the current certified operators;
  - i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed; and
  - j. Records of biosolids quantities, treatment, monitoring, and hauling for at least five years.

[62-620.350, 62-602.650, 62-640.650(4)]

### VI. SCHEDULES

1. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:
  - a. The permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or
  - b. The permittee has made complete the application for renewal of this permit before the permit expiration date.

[62-620.335(1) - (4)]

### VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

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1. This facility is not required to have a pretreatment program at this time. *[62-625.500]*

#### VIII. OTHER SPECIFIC CONDITIONS

1. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(8) and 62-640.400(6)]*
2. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*
3. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
4. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
  - a. Which may cause fire or explosion hazards; or
  - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
  - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
  - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
  - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.*[62-604.130(5)]*
5. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-600.400(2)(b)]*
6. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
7. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*

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8. The permittee shall provide verbal notice to the Department's Southeast District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Southeast District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*
9. The permittee shall provide notice to the Department of the following:
  - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and
  - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

*[62-620.625(2)]*

#### IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*

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6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
  - a. Enter upon the Permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
  - b. Have access to and copy any records that shall be kept under the conditions of this permit;
  - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
  - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.*[62-620.610(9)]*
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*

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13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. [62-620.610(13)]
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [62-620.610(14)]
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. [62-620.610(15)]
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16)]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
  - a. A description of the anticipated noncompliance;
  - b. The period of the anticipated noncompliance, including dates and times; and
  - c. Steps being taken to prevent future occurrence of the noncompliance.[62-620.610(17)]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-601, and 62-610, F.A.C., and 40 CFR 136, as appropriate.
  - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
  - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
  - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
  - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
  - e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
  - f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.

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[62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department's Southeast District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
  - a. The following shall be included as information which must be reported within 24 hours under this condition:
    - (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
    - (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
    - (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
    - (4) Any unauthorized discharge to surface or ground waters.
  - b. Oral reports as required by this subsection shall be provided as follows:
    - (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE WATCH OFFICE TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:
      - (a) Name, address, and telephone number of person reporting;
      - (b) Name, address, and telephone number of permittee or responsible person for the discharge;
      - (c) Date and time of the discharge and status of discharge (ongoing or ceased);
      - (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
      - (e) Estimated amount of the discharge;
      - (f) Location or address of the discharge;
      - (g) Source and cause of the discharge;
      - (h) Whether the discharge was contained on-site, and cleanup actions taken to date;
      - (i) Description of area affected by the discharge, including name of water body affected, if any; and
      - (j) Other persons or agencies contacted.
    - (2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's Southeast District Office within 24 hours from the time the permittee becomes aware of the circumstances.
  - c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Southeast District Office shall waive the written report.

[62-620.610(20)]

PERMITTEE: Pompano Beach, City of  
FACILITY: Pompano Beach Reuse Facility

PERMIT NUMBER: FLA013581

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX.17., IX.18., or IX.19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20. of this permit. [62-620.610(21)]

22. Bypass Provisions.

- a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.
- b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
  - (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
  - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
  - (3) The permittee submitted notices as required under Permit Condition IX.22.c. of this permit.
- c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.b.(1) through (3) of this permit.
- e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.b. through d. of this permit.

[62-620.610(22)]

23. Upset Provisions.

- a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
  - (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.
  - (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.
- b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
  - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
  - (2) The permitted facility was at the time being properly operated;
  - (3) The permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
  - (4) The permittee complied with any remedial measures required under Permit Condition IX.5. of this permit.

PERMITTEE: Pompano Beach, City of  
FACILITY: Pompano Beach Reuse Facility

PERMIT NUMBER: FLA013581

- c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.
- d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



On Behalf of

Jason Andreotta  
Permitting Program Administrator  
Southeast District

PERMIT ISSUANCE DATE: December 22, 2015

JRA/mwb

Attachment(s):  
Discharge Monitoring Report  
"Pathogen Monitoring" Form  
Statement of Basis



**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

When Completed mail this report to: Department of Environmental Protection, 3301 Gun Club Road, MSC 7210-1, West Palm Beach, FL 33406-2913

PERMITTEE NAME: Pompano Beach, City of  
 MAILING ADDRESS: 1205 NE 5th Ave  
 Pompano Beach, Florida 33060-5758  
 FACILITY: Pompano Beach Reuse  
 LOCATION: 1801 N Federal Hwy  
 Pompano Beach, FL 33062-1008

PERMIT NUMBER: FLA013581

LIMIT:  
 CLASS SIZE:  
 MONITORING GROUP NUMBER:  
 MONITORING GROUP DESCRIPTION:  
 RE-SUBMITTED DMR: ☐  
 NO DISCHARGE FROM SITE: ☐  
 MONITORING NOT REQUIRED: ☐  
 MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Final  
 N/A  
 RWS-A  
 Annual Reclaimed Water or Effluent Analysis  
 REPORT FREQUENCY: Annually  
 PROGRAM: Domestic

COUNTY: Broward  
 OFFICE: Southeast District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)*	Sample Measurement							
PARM Code 01268 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Arsenic, Total Recoverable (GWS = 10)	Sample Measurement							
PARM Code 00978 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Barium, Total Recoverable (GWS = 2,000)	Sample Measurement							
PARM Code 01009 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Beryllium, Total Recoverable (GWS = 4)	Sample Measurement							
PARM Code 00998 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Cadmium, Total Recoverable (GWS = 5)	Sample Measurement							
PARM Code 01113 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Chromium, Total Recoverable (GWS = 100)	Sample Measurement							
PARM Code 01118 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								

\*GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	TELEPHONE NO	DATE

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE: December 2015  
 DMR EFFECTIVE DATE: July 1, 2016

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581

MONITORING PERIOD

From:

To:

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement							
PARM Code 00722 P	Permit Requirement			Report (Max.)	ug/L		Annually	Grab
Mon. Site No. RWS-A								
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement							
PARM Code 00951 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Lead, Total Recoverable (GWS = 15)	Sample Measurement							
PARM Code 01114 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Mercury, Total Recoverable (GWS = 2)	Sample Measurement							
PARM Code 71901 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Nickel, Total Recoverable (GWS = 100)	Sample Measurement							
PARM Code 01074 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement							
PARM Code 00620 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement							
PARM Code 00615 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement							
PARM Code 00630 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Selenium, Total Recoverable (GWS = 50)	Sample Measurement							
PARM Code 00981 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Sodium, Total Recoverable (GWS = 160)	Sample Measurement							
PARM Code 00923 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								

ISSUANCE/REISSUANCE DATE: December 2015

2

DMR EFFECTIVE DATE: July 1, 2016

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581

MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 00982 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	24-hr FPC
1,1-dichloroethylene (GWS = 7)	Sample Measurement										
PARM Code 34501 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement										
PARM Code 34506 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement										
PARM Code 34511 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement										
PARM Code 32103 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement										
PARM Code 34541 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement										
PARM Code 34551 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	24-hr FPC
Benzene (GWS = 1)	Sample Measurement										
PARM Code 34030 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement										
PARM Code 32102 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement										
PARM Code 81686 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			Annually	Grab

ISSUANCE/REISSUANCE DATE: December 2015  
DMR EFFECTIVE DATE: July 1, 2016

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581

MONITORING PERIOD From: \_\_\_\_\_  
To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride)(GWS = 5)	Sample Measurement										
PARM Code 03821 P	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Mon. Site No. RWS-A											
Ethylbenzene (GWS = 700)	Sample Measurement										
PARM Code 34371 P	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Mon. Site No. RWS-A											
Monochlorobenzene (GWS = 100)	Sample Measurement										
PARM Code 34031 P	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Mon. Site No. RWS-A											
1,2-dichlorobenzene (GWS = 600)	Sample Measurement										
PARM Code 34536 P	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Mon. Site No. RWS-A											
1,4-dichlorobenzene (GWS = 75)	Sample Measurement										
PARM Code 34571 P	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Mon. Site No. RWS-A											
Styrene, Total (GWS = 100)	Sample Measurement										
PARM Code 77128 P	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Mon. Site No. RWS-A											
Tetrachloroethylene (GWS = 3)	Sample Measurement										
PARM Code 34475 P	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Mon. Site No. RWS-A											
Toluene (GWS = 1,000)	Sample Measurement										
PARM Code 34010 P	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Mon. Site No. RWS-A											
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement										
PARM Code 34546 P	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Mon. Site No. RWS-A											
Trichloroethylene (GWS = 3)	Sample Measurement										
PARM Code 39180 P	Permit Requirement					Report (Max.)	ug/L			Annually	Grab
Mon. Site No. RWS-A											

ISSUANCE/REISSUANCE DATE: December 2015  
DMR EFFECTIVE DATE: July 1, 2016

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581

MONITORING PERIOD From: \_\_\_\_\_  
To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement										
PARM Code 39175 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement										
PARM Code 81551 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin (GWS = $3 \times 10^{-5}$ )	Sample Measurement										
PARM Code 34675 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement										
PARM Code 39730 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Silvex (GWS = 50)	Sample Measurement										
PARM Code 39760 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement										
PARM Code 39161 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement										
PARM Code 39033 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement										
PARM Code 34247 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement										
PARM Code 81405 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC
Chlordane (tech mix. and metabolites) (GWS = 2)	Sample Measurement										
PARM Code 39350 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)		ug/L		Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE: December 2015  
DMR EFFECTIVE DATE: July 1, 2016

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581

MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200) PARM Code 38432 P Mon. Site No. RWS-A	Sample Measurement Permit Requirement						Annually	24-hr FPC
Bis(2-ethylhexyl)adipate (GWS = 400) PARM Code 77903 P Mon. Site No. RWS-A	Sample Measurement Permit Requirement						Annually	24-hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6) PARM Code 39100 P Mon. Site No. RWS-A	Sample Measurement Permit Requirement						Annually	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2) PARM Code 82625 P Mon. Site No. RWS-A	Sample Measurement Permit Requirement						Annually	Grab
Dinoseb (GWS = 7) PARM Code 30191 P Mon. Site No. RWS-A	Sample Measurement Permit Requirement						Annually	24-hr FPC
Diquat (GWS = 20) PARM Code 04443 P Mon. Site No. RWS-A	Sample Measurement Permit Requirement						Annually	24-hr FPC
Endothall (GWS = 100) PARM Code 38926 P Mon. Site No. RWS-A	Sample Measurement Permit Requirement						Annually	24-hr FPC
Endrin (GWS = 2) PARM Code 39390 P Mon. Site No. RWS-A	Sample Measurement Permit Requirement						Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02) PARM Code 77651 P Mon. Site No. RWS-A	Sample Measurement Permit Requirement						Annually	Grab
Glyphosate (GWS = 0.7) PARM Code 79743 P Mon. Site No. RWS-A	Sample Measurement Permit Requirement						Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE: December 2015  
DMR EFFECTIVE DATE: July 1, 2016

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581

MONITORING PERIOD

From:

To:

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement							
PARM Code 39410 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Heptachlor epoxide (GWS = 0.2)	Sample Measurement							
PARM Code 39420 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Hexachlorobenzene (GWS = 1)	Sample Measurement							
PARM Code 39700 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement							
PARM Code 34386 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement							
PARM Code 39782 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Methoxychlor (GWS = 40)	Sample Measurement							
PARM Code 39480 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Oxamyl (vydate) (GWS = 200)	Sample Measurement							
PARM Code 38865 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Pentachlorophenol (GWS = 1)	Sample Measurement							
PARM Code 39032 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Picloram (GWS = 500)	Sample Measurement							
PARM Code 39720 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement							
PARM Code 39516 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								

ISSUANCE/REISSUANCE DATE: December 2015  
 DMR EFFECTIVE DATE: July 1, 2016

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581

MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Simeazine (GWS = 4)	Sample Measurement							
PARM Code 39055 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Toxaphene (GWS = 3)	Sample Measurement							
PARM Code 39400 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Trihalomethane, Total by summation (GWS = 0.080)	Sample Measurement							
PARM Code 82080 P	Permit Requirement			Report (Max.)	mg/L		Annually	Grab
Mon. Site No. RWS-A								
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement							
PARM Code 111503 P	Permit Requirement			Report (Max.)	pCi/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Alpha, Gross Particle Activity (GWS = 15)	Sample Measurement							
PARM Code 80045 P	Permit Requirement			Report (Max.)	pCi/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement							
PARM Code 01104 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Chloride (as Cl) (GWS = 250)	Sample Measurement							
PARM Code 00940 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement							
PARM Code 00980 P	Permit Requirement			Report (Max.)	mg/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement							
PARM Code 01119 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								
Manganese, Total Recoverable (GWS = 50)	Sample Measurement							
PARM Code 11123 P	Permit Requirement			Report (Max.)	ug/L		Annually	24-hr FPC
Mon. Site No. RWS-A								

ISSUANCE/REISSUANCE DATE: December 2015  
DMR EFFECTIVE DATE: July 1, 2016



**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

MONITORING PERIOD

**From:**

PERMIT NUMBER: FLA013581

[illegible]

ISSUANCE/REISSUANCE DATE: December 2015  
DMR EFFECTIVE DATE: July 1, 2016

# **DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

**When Completed mail this report to:** Department of Environmental Protection, 3301 Gun Club Road, MSC 7210-1, West Palm Beach, FL 33406-2913

**PERMITTEE NAME:** Pompano Beach, City of  
**MAILING ADDRESS:** 1205 NE 5th Ave  
Pompano Beach, Florida 33060-5758

**PERMIT NUMBER:** FLA013581

**LIMIT:**  
**CLASS SIZE:**  
**MONITORING GROUP NUMBER:**  
**MONITORING GROUP DESCRIPTION:**  
**RE-SUBMITTED DMR:** ☐  
**NO DISCHARGE FROM SITE:** ☐  
**MONITORING PERIOD** From: \_\_\_\_\_ To: \_\_\_\_\_

**Final**  
**N/A**  
**R-001**  
**REPORT FREQUENCY:** Monthly  
**PROGRAM:** Domestic  
**Land reuse - irrigation with 7.5 mgd AADF capacity, with Influent**

**FACILITY:** Pompano Beach Reuse  
**LOCATION:** 1801 N Federal Hwy  
Pompano Beach, FL 33062-1008

**COUNTY:** Broward  
**OFFICE:** Southeast District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total)	Sample Measurement							
PARM Code 50050 Y Mon. Site No. CAL-001	Permit Requirement	Report (An. Avg.)	mgd				Daily; 24 hours	Calculated
Flow (Total)	Sample Measurement							
PARM Code 50050 P Mon. Site No. CAL-001	Permit Requirement	Report (Mo. Avg.)	mgd				Daily; 24 hours	Calculated
Flow (to Lighthouse Point)	Sample Measurement							
PARM Code 50050 J Mon. Site No. FLW-004	Permit Requirement	Report (Mo. Avg.)	mgd				Continuous	Flow Totalizer
Flow (to Broward County Reuse)	Sample Measurement							
PARM Code 50050 Q Mon. Site No. FLW-005	Permit Requirement	Report (Mo. Avg.)	mgd				Continuous	Flow Totalizer
Flow (Golf Course)	Sample Measurement							
PARM Code 50050 S Mon. Site No. FLW-006	Permit Requirement	Report (Mo. Avg.)	mgd				Continuous	Flow Totalizer
Flow (Urban Reuse)	Sample Measurement							
PARM Code 50050 T Mon. Site No. FLW-007	Permit Requirement	Report (Mo. Avg.)	mgd				Continuous	Flow Totalizer

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	TELEPHONE NO	DATE

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE: December 2015  
DMR EFFECTIVE DATE: July 1, 2016

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA013581

MONITORING PERIOD From: \_\_\_\_\_

To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 B Mon. Site No. EFB-001	Permit Requirement					5.0 (Max.)		mg/L		Daily, 24 hours	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 I Mon. Site No. EFF-001	Permit Requirement					25 (Max.)		#/100mL		Daily, 24 hours	Grab
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 I Mon. Site No. EFF-001	Permit Requirement				75 (Min. Mo. Total)			percent		Daily, 24 hours	Calculated
pH	Sample Measurement										
PARM Code 00400 I Mon. Site No. EFF-001	Permit Requirement				6.0 (Min.)	8.5 (Max.)		s.u.		Continuous	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 I Mon. Site No. EFF-001	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity	Sample Measurement										
PARM Code 00070 B Mon. Site No. EFB-001	Permit Requirement					Report (Max.)		NTU		Continuous	Meter
Solids, Total Suspended (Using a TSS Meter)	Sample Measurement										
PARM Code 00530 P Mon. Site No. EFB-001	Permit Requirement					Report (Max.)		mg/L		Continuous	Meter
Flow	Sample Measurement										
PARM Code 50050 U Mon. Site No. FLW-002	Permit Requirement		7.5 (An. Avg.)	mgd						Continuous	Flow Totalizer
Flow	Sample Measurement										
PARM Code 50050 V Mon. Site No. FLW-002	Permit Requirement	Report (3-month Rolling Avg.)	Report (Mo. Avg.)	mgd						Continuous	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 P Mon. Site No. CAL-002	Permit Requirement					Report (Mo. Avg.)		percent		Monthly	Calculated

ISSUANCE/REISSUANCE DATE: December 2015  
DMR EFFECTIVE DATE: July 1, 2016

# **DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA013581  
Monitoring Period From: \_\_\_\_\_ To: \_\_\_\_\_

Facility: Pompano Beach Reuse

	Flow (total) mgd	Flow (to Lighthouse Point) mgd	Flow (to Broward County Reuse ) mgd	Flow (Golf Course) mgd	Flow (Urban Reuse) mgd	Flow mgd	Solids, Total Suspended mg/L
Code	50050	50050	50050	50050	50050	50050	00530
Mon. Site	CAL-001	FLW-004	FLW-005	FLW-006	FLW-007	FLW-002	EFB-001
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
Total							
Mo. Avg.							

**PLANT STAFFING:**

Day Shift Operator	Class: _____	Certificate No: _____	Name: _____
Evening Shift Operator	Class: _____	Certificate No: _____	Name: _____
Night Shift Operator	Class: _____	Certificate No: _____	Name: _____
Lead Operator	Class: _____	Certificate No: _____	Name: _____

ISSUANCE/REISSUANCE DATE: December 2015

DMR EFFECTIVE DATE: July 1, 2016

**DAILY SAMPLE RESULTS - PART B**

Permit Number:  
Monitoring Period

FLA013581

From: \_\_\_\_\_ To: \_\_\_\_\_

Facility:

Pompano Beach Reuse

	Coliform, Fecal #/100mL	pH s.u.	Chlorine, Total Residual (For Disinfection) mg/L	Turbidity NTU	Solids, Total Suspended (Using a TSS Meter) mg/L	Flow mgd
<b>Code</b>	74055	00400	50060	00070	00530	50050
<b>Mon. Site</b>	EFF-001	EFF-001	EFF-001	EFB-001	EFB-001	FLW-002
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
<b>Total</b>						
<b>Mo. Avg.</b>						

## INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28<sup>th</sup> of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS	CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.	NOD	No discharge from/to site.
DRY	Dry Well	OPS	Operations were shutdown so no sample could be taken.
FLD	Flood disaster.	OTH	Other. Please enter an explanation of why monitoring data were not available.
IFS	Insufficient flow for sampling.	SEF	Sampling equipment failure.
LS	Lost sample.		
MNR	Monitoring not required this period.		

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

- Results greater than or equal to the PQL shall be reported as the measured quantity.
- Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
- Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

### PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

**Resubmitted DMR:** Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)

**No Discharge From Site:** Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.

**Monitoring Period:** Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

**Sample Measurement:** Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.

**No. Ex.:** Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.

**Frequency of Analysis:** The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

**Sample Type:** The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

**Signature:** This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

**Comment and Explanation of Any Violations:** Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

ISSUANCE/REISSUANCE DATE: December 2015

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DMR EFFECTIVE DATE: July 1, 2016

## PART B - DAILY SAMPLE RESULTS

**Monitoring Period:** Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

**Daily Monitoring Results:** Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.

**Plant Staffing:** List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

## PART D - GROUND WATER MONITORING REPORT

**Monitoring Period:** Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

**Date Sample Obtained:** Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

**Time Sample Obtained:** Enter the time the sample was taken.

**Sample Measurement:** Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.

**Detection Limits:** Record the detection limits of the analytical methods used.

**Analysis Method:** Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

**Sampling Equipment Used:** Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

**Samples Filtered:** Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

**Signature:** This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

**Comments and Explanation:** Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

## SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

**Flow (Limited Wet Weather Discharge):** Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (mgd).

**Flow (Upstream):** Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

**Actual Stream Dilution Ratio:** To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

**No. of Days the SDF > Stream Dilution Ratio:** For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (\*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "\*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

**CBOD<sub>5</sub>:** Enter the average CBOD<sub>5</sub> of the reclaimed water discharged during the period shown in duration of discharge.

**TKN:** Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

**Actual Rainfall:** Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

**Rainfall During Average Rainfall Year:** On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

**No. of Days LWWD Activated During Calendar Year:** Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

**Reason for Discharge:** Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

ISSUANCE/REISSUANCE DATE: December 2015

DMR EFFECTIVE DATE: July 1, 2016

## PATHOGEN MONITORING

### Part I

#### - Instructions

1. Completion of this report is required by Rules 62-610.463(4), 62-610.472(3)(d), 62-610.525(13), 62-610.568(11), 62-610.568(12), and 62-610.652(6)(c), F.A.C., for all domestic wastewater facilities that provide reclaimed water to certain types of reuse activities. The schedule for sampling and reporting shall be in accordance with the permit for the facility. If a schedule for sampling or re-sampling is not included in the permit, the following schedule shall apply:
  - a. Routine Sampling:

If sampling is required once every two years, this report shall be submitted on or before November 28 of each even numbered year (2006, 2008, 2010, etc.).

If sampling is required once every five years, this report shall be submitted with the application for permit renewal.

If sampling is required quarterly, this report shall be submitted on or before February 28, May 28, August 28, and November 28 of each year.
  - b. Subsequent Re-Sampling:

If subsequent re-sampling is required by Item 9 in Part I of this form, this form shall be submitted for the subsequent re-sampling(s) in accordance with the schedule established in Item 9 in Part I of this form.
2. Submit one copy of this form and a copy of the laboratory's final report for the analysis of *Giardia* and *Cryptosporidium* to each of the following two addresses:
  - a. The appropriate DEP district office (attention Domestic Wastewater Program). Addresses for the DEP district offices are available at [www.dep.state.fl.us/secretary/dist/default.htm](http://www.dep.state.fl.us/secretary/dist/default.htm).
  - b. DEP Water Reuse Coordinator  
Mail Station 3540  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400
3. Please type or print legibly.
4. In Part II, Items 7 through 12 need to be completed only if this is the first submittal of this report, if the information in Items 7 through 12 has changed since the last submittal, or if the information in any of these questions has not been previously provided.
5. Part III is to be used when sampling for *Giardia* and *Cryptosporidium* at the treatment plant. Part III is also to be used when sampling for *Giardia* and *Cryptosporidium* in a supplemental water supply (see Rule 62-610.472, F.A.C.).
6. For each sample, record the sample volume obtained in liters.
7. For *Giardia*, record the concentrations in cysts per 100 liters. For *Cryptosporidium*, record the concentrations in oocysts per 100 liters. Sufficient sample volumes shall be collected and processed such that the detection limit is no greater than 5 cysts or oocysts per 100 liters. Detection levels on the order of 1 cyst or oocyst per 100 liters are recommended. If an observation is less than the detection limit, make an entry in the form "<2" (where 2 per 100 liters is the detection limit in this example). The actual detection limit will be dictated by the volumes of sample obtained, filtered, and processed. Do NOT record nondetectable values as zero.



8. EPA Method 1623 or other approved methods for reclaimed water or nonpotable waters, adjusted appropriately to accommodate the detection limit requirements, shall be used. Methods previously allowed for EPA's Information Collection Rule (ICR) shall not be used. The full requirements of the approved method, including quality assurance and quality control, are to be met. Quality assurance and sampling requirements in Chapter 62-160, F.A.C., shall apply.

Two concentrations of *Giardia* and *Cryptosporidium* shall be recorded on Part III of this form:

- a. Total cysts and oocysts shall be enumerated using EPA Method 1623 or other approved methods.
  - b. Potentially viable cysts and oocysts shall be enumerated using the DAPI staining technique contained in EPA Method 1623 or similar enumeration techniques included in other approved methods. Cysts and oocysts that are stained DAPI positive or show internal structure by D.I.C. shall be considered as being potentially viable. If the laboratory reports separate values for DAPI positive and for cysts or oocysts having internal structure, the larger of the two concentrations will be reported as being potentially viable.
9. If the number of potentially viable cysts of *Giardia* reported exceeds 5 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. If the number of potentially viable oocysts of *Cryptosporidium* reported exceeds 22 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. This subsequent sample shall be collected within 90 days of the date the initial sample was taken, analyzed for both *Giardia* and *Cryptosporidium*, and the results of the subsequent analysis shall be submitted to DEP using this form within 60 days of sample collection.
  10. Rule 62-160.300, F.A.C., requires that all laboratories generating environmental data for submission to the DEP shall hold certification from the Department of Health's (DOH) Environmental Laboratory Certification Program (ELCP). Certification by the ELCP for analysis of *Giardia* and *Cryptosporidium* using EPA Method 1623 for non-potable waters is required. If other approved methods are used, certification by the ELCP is required for the specific method and for the test matrix. Lists of certified laboratories can be found at [www.dep.state.fl.us/labs/cgi-bin/aams/index.asp](http://www.dep.state.fl.us/labs/cgi-bin/aams/index.asp)
  11. Samples shall be collected during peak flow periods (normally between the hours of 8:00 a.m. and 6:00 p.m.).
  12. Recognizing that concentrations of these pathogens generally increase during the late summer through fall period, it is recommended that utilities sample during the August through October time period.
  13. If the wastewater treatment facility uses chlorination for disinfection, samples obtained for analysis of *Giardia* and *Cryptosporidium* shall be dechlorinated.
  14. When sampling at the treatment facility, obtain a grab sample for total suspended solids (TSS) that is representative of the water leaving the filters at the treatment facility during the period when pathogen samples are being obtained. In addition, record the highest turbidity and the lowest total chlorine residual observed during the period when pathogen samples are being obtained.
  15. When sampling a supplemental water supply, obtain a grab sample for total suspended solids (TSS) that is representative of the surface water or treated stormwater as it is added to the reclaimed water system. This TSS sample shall be taken during the period when pathogen samples are being obtained. In addition, record the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

## Part II - General Information

1. DEP wastewater facility identification number: **FLA013581**

Wastewater facility name: Pompano Beach Reuse

Permittee name: Pompano Beach, City of

2. Person completing this form:

Name: \_\_\_\_\_

Telephone: (\_\_\_\_\_) \_\_\_\_\_

Email address: \_\_\_\_\_

3. Sampling and analysis:

Date samples were taken: \_\_\_\_\_

Organization collecting the samples: \_\_\_\_\_

Was the sample dechlorinated in the field? ☐ Yes ☐ No

Was the sample refrigerated or kept on ice during shipment to the laboratory? ☐ Yes ☐ No

Date samples delivered to laboratory: \_\_\_\_\_

Date analytical work was done: \_\_\_\_\_

Laboratory doing the analysis: \_\_\_\_\_

Laboratory's DOH Identification Number: \_\_\_\_\_

Approved method used:

☐ EPA Method 1623

☐ Other approved method: \_\_\_\_\_

Contact person at the laboratory: \_\_\_\_\_

Email address of the lab contact person: \_\_\_\_\_

4. Is this the first time that this form has been submitted for the facility?

☐ Yes [Please complete Questions 7 through 16.]

☐ No [Proceed to Question 5.]

5. Is this a report of "subsequent re-sampling" required by Item 9 in Part I of this form based on concentrations of potentially viable cysts or oocysts in a previous sampling?

☐ No [Proceed to Question 6.]

☐ Yes [Attach a description of any facility or operational changes made to the treatment facilities since the time of the previous sampling and proceed to Question 6.]

6. Has the information requested in Questions 7 through 12 (below) changed since the last submittal of this form?

☐ Yes [Please complete Questions 7 through 16.]

☐ No [Proceed to Questions 13 through 16 of Part II of this form. You do not need to complete Questions 7 through 12.]

7. Type of secondary treatment system:

☐ Conventional activated sludge

☐ Extended aeration

☐ Contact stabilization

☐ Biological nutrient removal (such as Bardenpho)

☐ Other: \_\_\_\_\_

8. Does this treatment facility nitrify (convert ammonia nitrogen to nitrate)? ☐ Yes ☐ No

9. Filter type:

☐ Deep bed, single media

☐ Deep bed, multiple media

☐ Shallow bed, automatic backwash

☐ Upflow (including Dynasand)

☐ Slow rate sand filter

☐ Diatomaceous earth filter

☐ Fabric filter

☐ Cartridge filter

☐ Membranes (microfiltration, ultrafiltration, membrane bioreactor, reverse osmosis)

☐ Other: \_\_\_\_\_

10. Filter Media (complete for each type of media provided):

Top layer of media:

Media type: \_\_\_\_\_

Effective size: \_\_\_\_\_ mm

Uniformity coefficient: \_\_\_\_\_

Bed depth: \_\_\_\_\_ inches

Middle layer of media: Media type: \_\_\_\_\_  
Effective size: \_\_\_\_\_ mm  
Uniformity coefficient: \_\_\_\_\_  
Bed depth: \_\_\_\_\_ inches

Bottom layer of media: Media type: \_\_\_\_\_  
Effective size: \_\_\_\_\_ mm  
Uniformity coefficient: \_\_\_\_\_  
Bed depth: \_\_\_\_\_ inches

11. Filter backwash water:

- ☐ Backwash water is returned to the headworks of the treatment plant.  
☐ Backwash water is returned to the aeration basin.  
☐ Other. Please describe: \_\_\_\_\_

12. Disinfection system:

- ☐ Chlorination, gas      ☐ Hypochlorite  
☐ Chlorine dioxide      ☐ Chlorination, other \_\_\_\_\_  
☐ Ultraviolet      ☐ Ozone  
☐ Other: \_\_\_\_\_

13. Is chlorine added before the filters? ☐ No      ☐ Yes      Dose: \_\_\_\_\_ mg/L

14. During the period that samples were taken, did you add a coagulant, coagulant aid, polyelectrolyte, or other chemical to enhance filtration?

- ☐ No  
☐ Yes. Please list the chemicals being added and their dose.

Chemical 1 - Name: \_\_\_\_\_ Dose: \_\_\_\_\_ mg/L

Chemical 2 - Name: \_\_\_\_\_ Dose: \_\_\_\_\_ mg/L

Chemical 3 - Name: \_\_\_\_\_ Dose: \_\_\_\_\_ mg/L

15. Wastewater treatment plant permitted capacity: \_\_\_\_\_ mgd

16. Wastewater flow being treated at the time samples were collected: \_\_\_\_\_ mgd

## PART III - PATHOGEN MONITORING REPORT

**FACILITY ID:** FLA013581

**FACILITY NAME:** Pompano Beach Reuse

**FACILITY ADDRESS:** 1801 N Federal Hwy, Pompano Beach, FL 33062-1008

**PERMITTEE NAME:** Pompano Beach, City of

**MAILING ADDRESS:** 1205 NE 5th Ave, Pompano Beach, Florida 33060-5758

**DATE OF SAMPLING:** \_\_\_\_\_

Parameter	Quantity or Loading		Quality or Concentration	
	Sample Measurement	Units	Sample Measurement	Units
Treatment Plant: After Filter Monitoring Site No.				
Turbidity PARM Code 00070				NTU
TSS PARM Code 00530				mg/L
Treatment Plant: After Disinfection Monitoring Site No.				
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
<i>Giardia</i> , total count * PARM Code GIARD				total cysts/100 L
<i>Giardia</i> , potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
<i>Cryptosporidium</i> , total count * PARM Code CRYPT				total oocysts/100 L
<i>Cryptosporidium</i> , potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L
Supplemental Water Supply (surface water or stormwater): After Treatment & Disinfection Monitoring Site No.				
TSS PARM Code 00530				mg/L
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
<i>Giardia</i> (total count) * PARM Code GIARD				total cysts/100 L
<i>Giardia</i> , potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
<i>Cryptosporidium</i> , total count * PARM Code CRYPT				total oocysts/100 L
<i>Cryptosporidium</i> , potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L

\* Data entries must be made for both total and potentially viable cysts and oocysts.

#### PART IV - CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Name/Title of Principle Executive Officer or Authorized Agent (Type or Print)	Signature of Principle Executive Officer or Authorized Agent	Telephone No.	Date (YY/MM/DD)
Email Address			

**STATEMENT OF BASIS  
FOR  
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT**

December 14, 2015

PERMIT NUMBER: FLA013581

FACILITY NAME: Pompano Beach, City of Reuse

FACILITY LOCATION: 1801 N Federal Hwy, Pompano Beach, FL 33062-1008  
Broward County

NAME OF PERMITTEE: Pompano Beach, City of

PERMIT WRITER: Michael W. Bechtold, P.E.

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA013581-007-DW1P

Application Submittal Date: November 11, 2015

b. Type of Facility

Domestic Wastewater Treatment Plant

Ownership Type: Municipal

SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity:	7.5 mgd Annual Average Daily Flow
Proposed Increase in Permitted Capacity:	5.0 mgd Annual Average Daily Flow
Proposed Total Permitted Capacity:	12.5 mgd Annual Average Daily Flow

d. Description of Wastewater Treatment

An existing 7.5 mgd permitted capacity reuse domestic wastewater treatment plant consisting of filtration, coagulation, and chlorination. The influent to the facility is from the effluent from the North Broward County Regional Wastewater Treatment Plant traveling to final discharge point in the Atlantic Ocean. The facility is permitted for expansion to 12.5 mgd AADF.

2. SUMMARY OF SURFACE WATER DISCHARGE

This facility does not discharge to surface waters.

5. BIOSOLIDS MANAGEMENT REQUIREMENTS

There are no biosolids generated at this facility

6. GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements have been established in accordance with Chapters 62-520, 532, 601, 610, and 620, F.A.C.

7. PERMIT SCHEDULES

Permit Issuance          December 2015

8. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

9. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This permit is not accompanied by an AO and has not entered into a CO with the Department.

10. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

11. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 13. Copies will be provided at a minimal charge per page.

12. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Permit Issuance          December 2015

13. DEP CONTACT

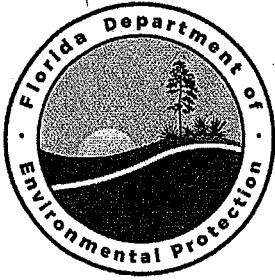
Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Michael Bechtold  
Southeast District Office

3301 Gun Club Road, MSC 7210-1  
West Palm Beach, FL 33406-2913

Telephone No.: 561-681-6682





## Florida Department of Environmental Protection

SOUTHEAST DISTRICT OFFICE  
3301 GUN CLUB ROAD, MSC 7210-1  
WEST PALM BEACH, FL 33406-3007  
561-681-6600

RICK SCOTT  
GOVERNOR

CARLOS LOPEZ-CANTERA  
LT. GOVERNOR

JONATHAN P. STEVERSON  
SECRETARY

August 29, 2016

Randolph Brown  
Pompano Beach, City of  
1205 NE 5th Ave  
Pompano Beach, Florida 33060-5758

File Number FLA013581-008-DW1  
Broward County  
Pompano Beach Reuse

### NOTICE OF PERMIT REVISION

<b>ISSUANCE DATE:</b>	<b>August 29, 2016</b>
<b>EFFECTIVE DATE:</b>	<b>August 29, 2016</b>
<b>EXPIRATION DATE:</b>	<b>May 21, 2026</b>
<b>MONITORING BEGINS:</b>	<b>October 1, 2016</b>

Dear Mr. Brown:

The Department has reviewed your Permit Revision request to relocate two compliance flow meters dated August 3, 2016. We are also including some needed revisions associated with the request for a variance (OGC File No. 15-1690) from the requirements in Rule 62-610.475(4). We approve the requested permit revision.

The permit revision is hereby approved in accordance with Section 403.087, Florida Statutes, subject to the following conditions:

Please utilize the attached DMR dated June 2016 beginning on July 1, 2016.

- **Replace facility address with corrected address at 1799 N Federal Hwy. Pompano Beach**
- **Replace on Page One of the Permit the page number 489 to page number 20**
- **Replace Specific Condition I. A. 1. with the following.**

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.8.:

Parameter	Units	Max/Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (Total)	mgd	Max Max	Report Report	Annual Average Monthly Average	Daily; 24 hours	Calculated	CAL-001	See 1>Error! Referenc e source not found..10
Flow (to Lighthouse Point)	mgd	Max	Report	Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-004	See 1>Error! Referenc e source not found..17
Flow (to Broward County Reuse)	mgd	Max	Report	Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-005	See 1>Error! Referenc e source not found..17
Flow (Golf Course)	mgd	Max	Report	Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-006	See 1>Error! Referenc e source not found..17

Parameter	Units	Max/Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (Urban Reuse)	mgd	Max	Report	Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-007	See 1>Error! Reference source not found..17
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	Daily; 24 hours	Grab	EFB-001	
Coliform, Fecal	#/100mL	Max	14	Single Sample	Daily; 24 hours	Grab	EFF-001	
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	Daily; 24 hours	Calculated	EFF-001	See 1>Error! Reference source not found..4
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFF-001	See 1>Error! Reference source not found..3
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFF-001	See 1>Error! Reference source not found..5, 8, and 1>Error! Reference source not found..11

			Reclaimed Water Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Turbidity	NTU	Max	Report	Single Sample	Continuous	Meter	EFB-001	See I.Error! Reference source not found..6., 8. and I.Error! Reference source not found..11.
Solids, Total Suspended (Using a TSS Meter)	mg/L	Max	Report	Single Sample	Continuous	Meter	EFB-001	See I.Error! Reference source not found..14. and I.Error! Reference source not found..15.
Giardia	cysts/100L	Max	Report	Single Sample	See I.Error! Reference source not found..16.	Grab	EFF-001	See I.Error! Reference source not found..9. and 16.
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	See I.Error! Reference source not found..16.	Grab	EFF-001	See I.Error! Reference source not found..9. and 16.

- **Add Specific Condition I. A. 16. with the following:**

16. The frequency of monitoring of Giardia and Cryptosporidium shall be once every six months from the date of this permit revision for 4 sampling events. Thereafter, the sampling will be annual. Subsequent Re-Sampling as covered on the form is not required. [62-4.070 {1} & {3}]

- **Replace Specific Condition I. B. 1. with the following.**

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.**Error! Reference source not found...**

			Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow	mgd	Max Max	7.5 Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-002	See I.B.4.

- **Revise Specific Condition I. B. 2. with the following:**

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I.**Error! Reference source not found..** and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-002	ON THE INFLUENT PIPE FROM THE NORTH BROWARD COUNTY WWTF OCEAN OUTFALL MAIN

- **Delete Specific Condition I. B. 3.**

- **Revise Specific Condition I. B. 9. with the following:**

9. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for asbestos, color, odor, and corrosivity). These monitoring shall be performed during the year of permit renewal. The results shall be reported to the Department with the permit renewal application. The results shall be included in Attachment A to this permit. Approved analytical methods identified in Rule 62-620.100(3)(j), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. [62-601.300(4)][62-601.500(3)][62-610.300(4)]

- **Revise Table IV. A. 1. and 2. with the following:**

1. Use of reclaimed water is authorized within the general service area identified in the attached map. The following uses of reclaimed water are authorized within this general service area:

Aesthetic Purposes (Decorative Ponds, Pools, and Fountains)  
Athletic Complexes and Parks  
Business, Commercial and Industrial Parks  
Construction Dust Control  
Fire Protection  
Golf Courses  
Industrial Uses (Cooling Water, Process Water, and Wash Water at Industrial Facilities)  
Industrial Uses at the WWTP (Cooling Water, Process Water, and Wash Water)

Line Flushing or Cleaning  
Other Landscape Irrigation  
Residential Developments  
Irrigation of edible crops that will not be peeled, skinned cooked or thermally processed before consumption

[62-620.630(10)(a)]

2. This reuse system includes the following major user(s) of reclaimed water (i.e., using 0.1 mgd or more) and general service area(s):

Site Number	User Name	User Type	Capacity(mgd)	Acreage
PAA-01	City of Pompano Beach Recreation Facility	Athletic Complexes and Parks	2.5	400
PAA-02	Future Service Area I	Residential Developments	1.7	525
PAA-03	Future Service Area II	Residential Developments	1.5	475
PAA-04	Air Park	Business, Commercial and Industrial Parks	2.0	475
PAA-05	Future Service Area IV	Residential Developments	2.0	625
PAA-06	Future Service Area V	Residential Developments	4.2	1325
PAA-07	Future Service Area VI	Residential Developments	1.5	500
PAA-08	Future Service Area VII	Residential Developments	1.65	525
PAA-09	Palm Aire	Residential Developments	6.25	1500
PAA-10	Broward County Service Area	Residential Developments	n/a	263
PAA-11	Lighthouse Point Service Area	Residential Developments	n/a	262
Total			23.3	6350

[62-610.800(5)][62-620.630(10)(b)]

- Add Specific Condition VI. 2. And 3. with the following:
  2. Prior to placing the new facilities into operation or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operation, the Permittee shall complete and submit to the Department DEP Form 62-620.910(12), Notification of Completion of Construction for Wastewater Facilities or Activities. [62-620.410(7)]
  3. Within six months after a facility is placed in operation, the Permittee shall provide written certification to the Department on Form 62-620.910(13) that record drawings pursuant to Chapter 62-600, F.A.C., and that an operation and maintenance manual pursuant to Chapters 62-600 and 62-610, F.A.C., as applicable, are available at the location specified on the form. [62-620.410(6) and 62-620.630(7)]

[62-620.320(6)]

- Delete Specific Condition V. C. 1.j.

Enclosed is revised Discharge Monitoring Report (DMR) for the City's Reuse Facility (Permit Number FLA013581-008).

**All other applicable conditions included in the original permit and any permit revision remains unchanged. This Notice of Permit Revision shall become a part of the permit and shall be attached to the original permit and all other permit revisions.**

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen days of receipt of notice. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Under Rule 62-110.106(4), Florida Administrative Code, a person may request an extension of the time for filing a petition for an administrative hearing. The request must be filed (received by the Clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

Petitions by the applicant or any of the persons listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), Florida Statutes, must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first. Section 120.60(3), Florida Statutes, however, also allows that any person who has asked the Department in writing for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for an extension of time within fourteen days of receipt of notice shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information, as indicated in Rule 28-106.201, Florida Administrative Code:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the determination;
- (c) A statement of when and how the petitioner received notice of the Department's decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the Department's proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's proposed action.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation under Section 120.573, Florida Statutes, is not available for this proceeding.

This permit action is final and effective on the date filed with the Clerk of the Department unless a petition (or request for an extension of time) is filed in accordance with the above. Upon the timely filing of a petition (or request for an extension of time), this permit will not be effective until further order of the Department.

Randolph Brown  
City of Pompano Beach,  
FLA013581-008  
Page 8

Any party to the permit has the right to seek judicial review of the permit action under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when this permit action is filed with the Clerk of the Department.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



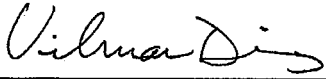
Diana Pupa  
Permitting Program Administrator  
Southeast District  
DP/mwb

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated Deputy Clerk, receipt of which is hereby acknowledged.

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT REVISION and all copies were mailed before the close of business on August 29, 2016, to the listed persons.



Name

August 29, 2016  
Date

Enclosure

Electronic copies furnished to:

Konstantin Dubov, DEP/SED, [konstantin.dubov@dep.state.fl.us](mailto:konstantin.dubov@dep.state.fl.us)  
Garth Hinckle, BCDPEP, [ghinckle@co.broward.fl.us](mailto:ghinckle@co.broward.fl.us)  
Joanne Swing, BCDPEP, [JSWING@broward.org](mailto:JSWING@broward.org)  
Michael Bechtold DEP/SED, [mike.bechtold@dep.state.fl.us](mailto:mike.bechtold@dep.state.fl.us)  
Phil Hyer, City of Pompano Beach, [Phil.Hyer@copbfl.com](mailto:Phil.Hyer@copbfl.com)  
Maria Loucraft, City of Pompano Beach, [Maria.Loucraft@copbfl.com](mailto:Maria.Loucraft@copbfl.com)



## ATTACHMENT A

PERMITTEE NAME: Pompano Beach, City of  
 MAILING ADDRESS: 1205 NE 5th Ave  
 Pompano Beach, Florida 33060-5758

PERMIT NUMBER:

FLA013581-008

LIMIT:

Final

REPORT FREQUENCY:

With permit renewal  
 application  
 Domestic

FACILITY: Pompano Beach Reuse  
 LOCATION: 1799 N Federal Hwy  
 Pompano Beach, FL 33062-1008

CLASS SIZE:  
 MONITORING GROUP NUMBER:  
 MONITORING GROUP DESCRIPTION:  
 RE-SUBMITTED DMR: ☐  
 NO DISCHARGE FROM SITE: ☐  
 MONITORING NOT REQUIRED: ☐  
 MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

N/A  
 RWS-A

PROGRAM:

Annual Reclaimed Water or Effluent Analysis

COUNTY: Broward  
 OFFICE: Southeast District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)*	Sample Measurement							
PARM Code 01268 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Arsenic, Total Recoverable (GWS = 10)	Sample Measurement							
PARM Code 00978 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Barium, Total Recoverable (GWS = 2,000)	Sample Measurement							
PARM Code 01009 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Beryllium, Total Recoverable (GWS = 4)	Sample Measurement							
PARM Code 00998 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Cadmium, Total Recoverable (GWS = 5)	Sample Measurement							
PARM Code 01113 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Chromium, Total Recoverable (GWS = 100)	Sample Measurement							
PARM Code 01118 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC

\*GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE: August 29 2016

**ATTACHMENT A (Continued)**

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581-008

MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination) (GWS = 200)	Sample Measurement							
PARM Code 00722 P	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
Mon. Site No. RWS-A								
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement							
PARM Code 00951 P	Permit Requirement			Report (Max.)	mg/L		See permit	24-hr FPC
Mon. Site No. RWS-A								
Lead, Total Recoverable (GWS = 15)	Sample Measurement							
PARM Code 01114 P	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Mon. Site No. RWS-A								
Mercury, Total Recoverable (GWS = 2)	Sample Measurement							
PARM Code 71901 P	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Mon. Site No. RWS-A								
Nickel, Total Recoverable (GWS = 100)	Sample Measurement							
PARM Code 01074 P	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Mon. Site No. RWS-A								
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement							
PARM Code 00620 P	Permit Requirement			Report (Max.)	mg/L		See permit	24-hr FPC
Mon. Site No. RWS-A								
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement							
PARM Code 00615 P	Permit Requirement			Report (Max.)	mg/L		See permit	24-hr FPC
Mon. Site No. RWS-A								
Nitrite plus Nitrate, Total 1 det. (as N) (GWS = 10)	Sample Measurement							
PARM Code 00630 P	Permit Requirement			Report (Max.)	mg/L		See permit	24-hr FPC
Mon. Site No. RWS-A								
Selenium, Total Recoverable (GWS = 50)	Sample Measurement							
PARM Code 00981 P	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Mon. Site No. RWS-A								
Sodium, Total Recoverable (GWS = 160)	Sample Measurement							
PARM Code 00923 P	Permit Requirement			Report (Max.)	mg/L		See permit	24-hr FPC
Mon. Site No. RWS-A								

**ATTACHMENT A (Continued)**

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581-008

MONITORING PERIOD From: \_\_\_\_\_  
To: \_\_\_\_\_

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement							
PARM Code 00982 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
1,1-dichloroethylene (GWS = 7)	Sample Measurement							
PARM Code 34501 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
1,1,1-trichloroethane (GWS = 200)	Sample Measurement							
PARM Code 34506 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
1,1,2-trichloroethane (GWS = 5)	Sample Measurement							
PARM Code 34511 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
1,2-dichloroethane (GWS = 3)	Sample Measurement							
PARM Code 32103 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
1,2-dichloropropane (GWS = 5)	Sample Measurement							
PARM Code 34541 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement							
PARM Code 34551 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Benzene (GWS = 1)	Sample Measurement							
PARM Code 34030 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
Carbon tetrachloride (GWS = 3)	Sample Measurement							
PARM Code 32102 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement							
PARM Code 81686 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab

**ATTACHMENT A (Continued)**

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581-008

MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride) (GWS = 5)	Sample Measurement										
PARM Code 03821 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	Grab
Ethylbenzene (GWS = 700)	Sample Measurement										
PARM Code 34371 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	Grab
Monochlorobenzene (GWS = 100)	Sample Measurement										
PARM Code 34031 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	Grab
1,2-dichlorobenzene (GWS = 600)	Sample Measurement										
PARM Code 34536 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	Grab
1,4-dichlorobenzene (GWS = 75)	Sample Measurement										
PARM Code 34571 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	Grab
Styrene, Total (GWS = 100)	Sample Measurement										
PARM Code 77128 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	Grab
Tetrachloroethylene (GWS = 3)	Sample Measurement										
PARM Code 34475 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	Grab
Toluene (GWS = 1,000)	Sample Measurement										
PARM Code 34010 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	Grab
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement										
PARM Code 34546 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	Grab
Trichloroethylene (GWS = 3)	Sample Measurement										
PARM Code 39180 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	Grab

**ATTACHMENT A (Continued)**

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581-008

MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement							
PARM Code 39173 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
Xylenes (GWS = 10,000)	Sample Measurement							
PARM Code 81551 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin (GWS = 3x10 <sup>-5</sup> )	Sample Measurement							
PARM Code 34675 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement							
PARM Code 39730 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Silvex (GWS = 50)	Sample Measurement							
PARM Code 39760 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement							
PARM Code 39161 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement							
PARM Code 39033 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement							
PARM Code 34247 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement							
PARM Code 81405 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Chlordane (tech mix. and metabolites) (GWS = 2)	Sample Measurement							
PARM Code 39350 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC

**ATTACHMENT A (Continued)**

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581-008

MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement							
PARM Code 38432 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Bis(2-ethylhexyl) adipate (GWS = 400)	Sample Measurement							
PARM Code 77903 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement							
PARM Code 39100 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement							
PARM Code 82625 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
Dinoseb (GWS = 7)	Sample Measurement							
PARM Code 30191 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Diquat (GWS = 20)	Sample Measurement							
PARM Code 04443 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Endothall (GWS = 100)	Sample Measurement							
PARM Code 38926 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Endrin (GWS = 2)	Sample Measurement							
PARM Code 39390 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	24-hr FPC
Ethylene dibromide (1,2-dibromoethane) (GWS = 0.02)	Sample Measurement							
PARM Code 77651 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	ug/L		See permit	Grab
Glyphosate (GWS = 0.7)	Sample Measurement							
PARM Code 79743 P Mon. Site No. RWS-A	Permit Requirement			Report (Max.)	mg/L		See permit	24-hr FPC

**ATTACHMENT A (Continued)**

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581-008

MONITORING PERIOD From: \_\_\_\_\_  
To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement										
PARM Code 39410 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	24-hr FPC
Heptachlor epoxide (GWS = 0.2)	Sample Measurement										
PARM Code 39420 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	24-hr FPC
Hexachlorobenzene (GWS = 1)	Sample Measurement										
PARM Code 39700 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	24-hr FPC
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement										
PARM Code 34386 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	24-hr FPC
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement										
PARM Code 39782 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	24-hr FPC
Methoxychlor (GWS = 40)	Sample Measurement										
PARM Code 39480 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	24-hr FPC
Oxamyl (vydate) (GWS = 200)	Sample Measurement										
PARM Code 38865 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	24-hr FPC
Pentachlorophenol (GWS = 1)	Sample Measurement										
PARM Code 39032 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	24-hr FPC
Picloram (GWS = 500)	Sample Measurement										
PARM Code 39720 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	24-hr FPC
Polychlorinated Biphenyls (PCBs) (GWS = 0.5)	Sample Measurement										
PARM Code 39516 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L			See permit	24-hr FPC

**ATTACHMENT A (Continued)**

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: RWS-A

PERMIT NUMBER: FLA013581-008

MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement							
PARM Code 39055 P	Permit			Report	ug/L		See permit	24-hr FPC
Mon. Site No. RWS-A	Requirement			(Max.)				
Toxaphene (GWS = 3)	Sample Measurement							
PARM Code 39400 P	Permit			Report	ug/L		See permit	24-hr FPC
Mon. Site No. RWS-A	Requirement			(Max.)				
Trihalomethane, Total by summation (GWS = 0.080)	Sample Measurement							
PARM Code 82080 P	Permit			Report	mg/L		See permit	Grab
Mon. Site No. RWS-A	Requirement			(Max.)				
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement							
PARM Code 11503 P	Permit			Report	pCi/L		See permit	24-hr FPC
Mon. Site No. RWS-A	Requirement			(Max.)				
Alpha, Gross Particle Activity (GWS = 15)	Sample Measurement							
PARM Code 80045 P	Permit			Report	pCi/L		See permit	24-hr FPC
Mon. Site No. RWS-A	Requirement			(Max.)				
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement							
PARM Code 01104 P	Permit			Report	mg/L		See permit	24-hr FPC
Mon. Site No. RWS-A	Requirement			(Max.)				
Chloride (as Cl) (GWS = 250)	Sample Measurement							
PARM Code 00940 P	Permit			Report	mg/L		See permit	24-hr FPC
Mon. Site No. RWS-A	Requirement			(Max.)				
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement							
PARM Code 00980 P	Permit			Report	mg/L		See permit	24-hr FPC
Mon. Site No. RWS-A	Requirement			(Max.)				
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement							
PARM Code 01119 P	Permit			Report	ug/L		See permit	24-hr FPC
Mon. Site No. RWS-A	Requirement			(Max.)				
Manganese, Total Recoverable (GWS = 50)	Sample Measurement							
PARM Code 11123 P	Permit			Report	ug/L		See permit	24-hr FPC
Mon. Site No. RWS-A	Requirement			(Max.)				



## FACILITY: Pompano Beach Reuse

PERMIT NUMBER: FLA013581-008

To:

ISSUANCE/REISSUANCE DATE: August 29 2016

## DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

**When Completed mail this report to:** Department of Environmental Protection Southeast District Office using EzDMR

PERMITTEE NAME: Pompano Beach, City of  
MAILING ADDRESS: 1205 NE 5th Ave  
Pompano Beach, Florida 33060-5758

PERMIT NUMBER:

FLA013581-008

FACILITY: Pompano Beach Reuse  
LOCATION: 1799 N Federal Hwy  
Pompano Beach, FL 33062-1008

LIMIT:  
CLASS SIZE:  
MONITORING GROUP NUMBER:  
MONITORING GROUP DESCRIPTION:  
RE-SUBMITTED DMR: ☐  
NO DISCHARGE FROM SITE: ☐  
MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Final  
N/A  
R-001  
REPORT FREQUENCY: Monthly  
PROGRAM: Domestic  
Land reuse - irrigation with 7.5 mgd AADF capacity, with Influent

COUNTY: Broward  
OFFICE: Southeast District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total)	Sample Measurement							
PARM Code 50050 Y Mon. Site No. CAL-001	Permit Requirement	Report (An. Avg.)	mgd				Daily, 24 hours	Calculated
Flow (Total)	Sample Measurement							
PARM Code 50050 P Mon. Site No. CAL-001	Permit Requirement	Report (Mo. Avg.)	mgd				Daily, 24 hours	Calculated
Flow (to Lighthouse Point)	Sample Measurement							
PARM Code 50050 I Mon. Site No. FLW-004	Permit Requirement	Report (Mo. Avg.)	mgd				Continuous	Flow Totalizer
Flow (to Broward County Reuse)	Sample Measurement							
PARM Code 50050 O Mon. Site No. FLW-005	Permit Requirement	Report (Mo. Avg.)	mgd				Continuous	Flow Totalizer
Flow (Golf Course)	Sample Measurement							
PARM Code 50050 S Mon. Site No. FLW-006	Permit Requirement	Report (Mo. Avg.)	mgd				Continuous	Flow Totalizer
Flow (Urban Reuse)	Sample Measurement							
PARM Code 50050 T Mon. Site No. FLW-007	Permit Requirement	Report (Mo. Avg.)	mgd				Continuous	Flow Totalizer

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE: August 29, 2016  
DMR EFFECTIVE DATE: October 1, 2016

## DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Pompano Beach Reuse

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA013581-008

MONITORING PERIOD From:

To:

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement							
PARM Code 00530 - B Mon. Site No. EFB-001	Permit Requirement			5.0 (Max.)	mg/L		Daily, 24 hours	Grab
Coliform, Fecal	Sample Measurement							
PARM Code 74055 - I Mon. Site No. EFB-001	Permit Requirement			14 (Max.)	#/100mL		Daily, 24 hours	Grab
Coliform, Fecal, % less than detection	Sample Measurement							
PARM Code 51005 - I Mon. Site No. EFB-001	Permit Requirement			75 (Min. Mo. Total)	percent		Daily, 24 hours	Calculated
pH	Sample Measurement							
PARM Code 00400 - I Mon. Site No. EFB-001	Permit Requirement			6.0 (Min.)	pH		Continuous	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement							
PARM Code 50060 - I Mon. Site No. EFB-001	Permit Requirement			1.0 (Min.)	mg/L		Continuous	Meter
Turbidity	Sample Measurement							
PARM Code 00070 - B Mon. Site No. EFB-001	Permit Requirement			Report (Max.)	NTU		Continuous	Meter
Solids, Total Suspended (Using a TSS Meter)	Sample Measurement							
PARM Code 00530 - P Mon. Site No. EFB-001	Permit Requirement			Report (Max.)	mg/L		Continuous	Meter
Flow	Sample Measurement							
PARM Code 50050 - U Mon. Site No. FLW-002	Permit Requirement	7.5 (An. Avg.)	mgd				Continuous	Flow Totalizer
Flow	Sample Measurement							
PARM Code 50050 - V Mon. Site No. FLW-002	Permit Requirement	Report (Mo. Avg.)	mgd				Continuous	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement							
PARM Code 00180 - P Mon. Site No. CAL-002	Permit Requirement			Report (Mo. Avg.)	percent		Monthly	Calculated

ISSUANCE/REISSUANCE DATE: August 29, 2016  
DMR EFFECTIVE DATE: October 1, 2016

# **DAILY SAMPLE RESULTS - PART B**

Permit Number: FLA013581-008

Facility: Pompano Beach Reuse

Monitoring Period From: \_\_\_\_\_ To: \_\_\_\_\_

	Flow (total) mgd	Flow (to Lighthouse Point) mgd	Flow (to Broward County Reuse) mgd	Flow (Golf Course) mgd	Flow (Urban Reuse) mgd	Flow mgd	Solids, Total Suspended mg/L
<b>Code</b>	50050	50050	50050	50050	50050	50050	00530
<b>Mon. Site</b>	CAL-001	FLW-004	FLW-005	FLW-006	FLW-007	FLW-002	EFB-001
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
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18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
Total							
Mo. Avg.							

**PLANT STAFFING:**

Day Shift Operator	Class: _____	Certificate No: _____	Name: _____
Evening Shift Operator	Class: _____	Certificate No: _____	Name: _____
Night Shift Operator	Class: _____	Certificate No: _____	Name: _____
Lead Operator	Class: _____	Certificate No: _____	Name: _____

**DAILY SAMPLE RESULTS - PART B**

Permit Number:  
Monitoring Period

FLA013581-008

From: \_\_\_\_\_ To: \_\_\_\_\_

Facility:

Pompano Beach Reuse

	Coliform, Fecal #/100mL	pH s.u.	Chlorine, Total Residual (For Disinfection) mg/L	Turbidity NTU	Solids, Total Suspended (Using a TSS Meter) mg/L	Flow mgd
<b>Code</b>	74055	00400	50060	00070	00530	50050
<b>Mon. Site</b>	EFF-001	EFF-001	EFF-001	EFB-001	EFB-001	FLW-002
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
<b>Total</b>						
<b>Mo. Avg.</b>						

### INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28<sup>th</sup> of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts—A, B, and D—all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shut down so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

- Results greater than or equal to the PQL shall be reported as the measured quantity.
- Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
- Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

#### PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

**Resubmitted DMR:** Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)

**No Discharge from Site:** Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.

**Monitoring Period:** Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

**Sample Measurement:** Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.

**No. Ex.:** Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.

**Frequency of Analysis:** The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

**Sample Type:** The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

**Signature:** This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

**Comment and Explanation of Any Violations:** Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

ISSUANCE/REISSUANCE DATE: August 29, 2016

DMR EFFECTIVE DATE: October 1, 2016

## PART B - DAILY SAMPLE RESULTS

**Monitoring Period:** Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

**Daily Monitoring Results:** Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.

**Plant Staffing:** List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

## PART D - GROUND WATER MONITORING REPORT

**Monitoring Period:** Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

**Date Sample Obtained:** Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

**Time Sample Obtained:** Enter the time the sample was taken.

**Sample Measurement:** Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.

**Detection Limits:** Record the detection limits of the analytical methods used.

**Analysis Method:** Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

**Sampling Equipment Used:** Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

**Samples Filtered:** Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

**Signature:** This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

**Comments and Explanation:** Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

## SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

**Flow (Limited Wet Weather Discharge):** Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (mgd).

**Flow (Upstream):** Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

**Actual Stream Dilution Ratio:** To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

**No. of Days the SDF > Stream Dilution Ratio:** For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (\*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "\*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

**CBOD<sub>5</sub>:** Enter the average CBOD<sub>5</sub> of the reclaimed water discharged during the period shown in duration of discharge.

**TKN:** Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

**Actual Rainfall:** Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

**Rainfall During Average Rainfall Year:** On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

**No. of Days LWWD Activated During Calendar Year:** Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

**Reason for Discharge:** Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

ISSUANCE/REISSUANCE DATE: August 29, 2016

DMR EFFECTIVE DATE: October 1, 2016

## PATHOGEN MONITORING

### Part I

#### - Instructions

1. Completion of this report is required by Rules 62-610.463(4), 62-610.472(3)(d), 62-610.525(13), 62-610.568(11), 62-610.568(12), and 62-610.652(6)(c), F.A.C., for all domestic wastewater facilities that provide reclaimed water to certain types of reuse activities. The schedule for sampling and reporting shall be in accordance with the permit for the facility. If a schedule for sampling or re-sampling is not included in the permit, the following schedule shall apply:
  - a. Routine Sampling:

If sampling is required once every two years, this report shall be submitted on or before November 28 of each even numbered year (2006, 2008, 2010, etc.).

If sampling is required once every five years, this report shall be submitted with the application for permit renewal.

If sampling is required quarterly, this report shall be submitted on or before February 28, May 28, August 28, and November 28 of each year.
  - b. Subsequent Re-Sampling:

If subsequent re-sampling is required by Item 9 in Part I of this form, this form shall be submitted for the subsequent re-sampling(s) in accordance with the schedule established in Item 9 in Part I of this form.
2. Submit one copy of this form and a copy of the laboratory's final report for the analysis of *Giardia* and *Cryptosporidium* to each of the following two addresses:
  - a. The appropriate DEP district office (attention Domestic Wastewater Program). Addresses for the DEP district offices are available at [www.dep.state.fl.us/secretary/dist/default.htm](http://www.dep.state.fl.us/secretary/dist/default.htm).
  - b. DEP Water Reuse Coordinator  
Mail Station 3540  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400
3. Please type or print legibly.
4. In Part II, Items 7 through 12 need to be completed only if this is the first submittal of this report, if the information in Items 7 through 12 has changed since the last submittal, or if the information in any of these questions has not been previously provided.
5. Part III is to be used when sampling for *Giardia* and *Cryptosporidium* at the treatment plant. Part III is also to be used when sampling for *Giardia* and *Cryptosporidium* in a supplemental water supply (see Rule 62-610.472, F.A.C.).
6. For each sample, record the sample volume obtained in liters.
7. For *Giardia*, record the concentrations in cysts per 100 liters. For *Cryptosporidium*, record the concentrations in oocysts per 100 liters. Sufficient sample volumes shall be collected and processed such that the detection limit is no greater than 5 cysts or oocysts per 100 liters. Detection levels on the order of 1 cyst or oocyst per 100 liters are recommended. If an observation is less than the detection limit, make an entry in the form "<2" (where 2 per 100 liters).



is the detection limit in this example). The actual detection limit will be dictated by the volumes of sample obtained, filtered, and processed. Do NOT record nondetectable values as zero.

8. EPA Method 1623 or other approved methods for reclaimed water or nonpotable waters, adjusted appropriately to accommodate the detection limit requirements, shall be used. Methods previously allowed for EPA's Information Collection Rule (ICR) shall not be used. The full requirements of the approved method, including quality assurance and quality control, are to be met. Quality assurance and sampling requirements in Chapter 62-160, F.A.C., shall apply.

Two concentrations of *Giardia* and *Cryptosporidium* shall be recorded on Part III of this form:

- a. Total cysts and oocysts shall be enumerated using EPA Method 1623 or other approved methods.
  - b. Potentially viable cysts and oocysts shall be enumerated using the DAPI staining technique contained in EPA Method 1623 or similar enumeration techniques included in other approved methods. Cysts and oocysts that are stained DAPI positive or show internal structure by D.I.C. shall be considered as being potentially viable. If the laboratory reports separate values for DAPI positive and for cysts or oocysts having internal structure, the larger of the two concentrations will be reported as being potentially viable.
9. If the number of potentially viable cysts of *Giardia* reported exceeds 5 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. If the number of potentially viable oocysts of *Cryptosporidium* reported exceeds 22 per 100 liters, a subsequent sample shall be taken and analyzed using EPA Method 1623 or other approved methods and reported using this form. This subsequent sample shall be collected within 90 days of the date the initial sample was taken, analyzed for both *Giardia* and *Cryptosporidium*, and the results of the subsequent analysis shall be submitted to DEP using this form within 60 days of sample collection.
  10. Rule 62-160.300, F.A.C., requires that all laboratories generating environmental data for submission to the DEP shall hold certification from the Department of Health's (DOH) Environmental Laboratory Certification Program (ELCP). Certification by the ELCP for analysis of *Giardia* and *Cryptosporidium* using EPA Method 1623 for non-potable waters is required. If other approved methods are used, certification by the ELCP is required for the specific method and for the test matrix. Lists of certified laboratories can be found at [www.dep.state.fl.us/labs/cgi-bin/aams/index.asp](http://www.dep.state.fl.us/labs/cgi-bin/aams/index.asp)
  11. Samples shall be collected during peak flow periods (normally between the hours of 8:00 a.m. and 6:00 p.m.).
  12. Recognizing that concentrations of these pathogens generally increase during the late summer through fall period, it is recommended that utilities sample during the August through October time period.
  13. If the wastewater treatment facility uses chlorination for disinfection, samples obtained for analysis of *Giardia* and *Cryptosporidium* shall be dechlorinated.
  14. When sampling at the treatment facility, obtain a grab sample for total suspended solids (TSS) that is representative of the water leaving the filters at the treatment facility during the period when pathogen samples are being obtained. In addition, record the highest turbidity and the lowest total chlorine residual observed during the period when pathogen samples are being obtained.
  15. When sampling a supplemental water supply, obtain a grab sample for total suspended solids (TSS) that is representative of the surface water or treated stormwater as it is added to the reclaimed water system. This TSS sample shall be taken during the period when pathogen samples are being obtained. In addition, record the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

## Part II - General Information

1. DEP wastewater facility identification number: **FLA013581-008**

Wastewater facility name: Pompano Beach Reuse

Permittee name: Pompano Beach, City of

2. Person completing this form:

Name: \_\_\_\_\_

Telephone: (\_\_\_\_\_) \_\_\_\_\_

Email address: \_\_\_\_\_

3. Sampling and analysis:

Date samples were taken: \_\_\_\_\_

Organization collecting the samples: \_\_\_\_\_

Was the sample dechlorinated in the field? ☐ Yes ☐ No

Was the sample refrigerated or kept on ice during shipment to the laboratory? ☐ Yes ☐ No

Date samples delivered to laboratory: \_\_\_\_\_

Date analytical work was done: \_\_\_\_\_

Laboratory doing the analysis: \_\_\_\_\_

Laboratory's DOH Identification Number: \_\_\_\_\_

Approved method used:

☐ EPA Method 1623

☐ Other approved method: \_\_\_\_\_

Contact person at the laboratory: \_\_\_\_\_

Email address of the lab contact person: \_\_\_\_\_

4. Is this the first time that this form has been submitted for the facility?

☐ Yes [Please complete Questions 7 through 16.]

☐ No [Proceed to Question 5.]

5. Is this a report of "subsequent re-sampling" required by Item 9 in Part I of this form based on concentrations of potentially viable cysts or oocysts in a previous sampling?

☐ No [Proceed to Question 6.]

☐ Yes [Attach a description of any facility or operational changes made to the treatment facilities since the time of the previous sampling and proceed to Question 6.]

6. Has the information requested in Questions 7 through 12 (below) changed since the last submittal of this form?

☐ Yes [Please complete Questions 7 through 16.]

☐ No [Proceed to Questions 13 through 16 of Part II of this form. You do not need to complete Questions 7 through 12.]

7. Type of secondary treatment system:

☐ Conventional activated sludge

☐ Extended aeration

☐ Contact stabilization

☐ Biological nutrient removal (such as Bardenpho)

☐ Other: \_\_\_\_\_

8. Does this treatment facility nitrify (convert ammonia nitrogen to nitrate)? ☐ Yes ☐ No

9. Filter type:

☐ Deep bed, single media

☐ Deep bed, multiple media

☐ Shallow bed, automatic backwash

☐ Upflow (including Dynasand)

☐ Slow rate sand filter

☐ Diatomaceous earth filter

☐ Fabric filter

☐ Cartridge filter

☐ Membranes (microfiltration, ultrafiltration, membrane bioreactor, reverse osmosis)

☐ Other: \_\_\_\_\_

10. Filter Media (complete for each type of media provided):

Top layer of media: Media type: \_\_\_\_\_

Effective size: \_\_\_\_\_ mm

Uniformity coefficient: \_\_\_\_\_

Bed depth: \_\_\_\_\_ inches

Middle layer of media: Media type: \_\_\_\_\_

Effective size: \_\_\_\_\_ mm

Uniformity coefficient: \_\_\_\_\_

Bed depth: \_\_\_\_\_ inches

Bottom layer of media: Media type: \_\_\_\_\_

Effective size: \_\_\_\_\_ mm

Uniformity coefficient: \_\_\_\_\_

Bed depth: \_\_\_\_\_ inches

11. Filter backwash water:

☐ Backwash water is returned to the headworks of the treatment plant.

☐ Backwash water is returned to the aeration basin.

☐ Other. Please describe: \_\_\_\_\_

12. Disinfection system:

☐ Chlorination, gas

☐ Hypochlorite

☐ Chlorine dioxide

☐ Chlorination, other \_\_\_\_\_

☐ Ultraviolet

☐ Ozone

☐ Other: \_\_\_\_\_

13. Is chlorine added before the filters? ☐ No ☐ Yes Dose: \_\_\_\_\_ mg/L

14. During the period that samples were taken, did you add a coagulant, coagulant aid, polyelectrolyte, or other chemical to enhance filtration?

☐ No

☐ Yes. Please list the chemicals being added and their dose.

Chemical 1 - Name: \_\_\_\_\_ Dose: \_\_\_\_\_ mg/L

Chemical 2 - Name: \_\_\_\_\_ Dose: \_\_\_\_\_ mg/L

Chemical 3 - Name: \_\_\_\_\_ Dose: \_\_\_\_\_ mg/L

15. Wastewater treatment plant permitted capacity: \_\_\_\_\_ mgd

16. Wastewater flow being treated at the time samples were collected: \_\_\_\_\_ mgd

## PART III - PATHOGEN MONITORING REPORT

**FACILITY ID:** FLA013581-008

**FACILITY NAME:** Pompano Beach Reuse

**FACILITY ADDRESS:** 1799 N Federal Hwy, Pompano Beach, FL 33062-1008

**PERMITTEE NAME:** Pompano Beach, City of

**MAILING ADDRESS:** 1205 NE 5th Ave, Pompano Beach, Florida 33060-5758

**DATE OF SAMPLING:** \_\_\_\_\_

Parameter	Quantity or Loading		Quality or Concentration	
	Sample Measurement	Units	Sample Measurement	Units
Treatment Plant: After Filter Monitoring Site No.				
Turbidity PARM Code 00070				NTU
TSS PARM Code 00530				mg/L
Treatment Plant: After Disinfection Monitoring Site No.				
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
<i>Giardia</i> , total count * PARM Code GIARD				total cysts/100 L
<i>Giardia</i> , potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
<i>Cryptosporidium</i> , total count * PARM Code CRYPT				total oocysts/100 L
<i>Cryptosporidium</i> , potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L
Supplemental Water Supply (surface water or stormwater): After Treatment & Disinfection Monitoring Site No.				
TSS PARM Code 00530				mg/L
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
<i>Giardia</i> (total count) * PARM Code GIARD				total cysts/100 L
<i>Giardia</i> , potentially viable cysts * PARM Code VGIAR				potentially viable cysts/100 L
<i>Cryptosporidium</i> , total count * PARM Code CRYPT				total oocysts/100 L
<i>Cryptosporidium</i> , potentially viable oocysts * PARM Code VCRYP				potentially viable oocysts/100 L

\* Data entries must be made for both total and potentially viable cysts and oocysts.

## PART IV - CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Name/Title of Principle Executive Officer or Authorized Agent (Type or Print)	Signature of Principle Executive Officer or Authorized Agent	Telephone No.	Date (YY/MM/DD)
Email Address			

Loc ID	CLASS	#	Dir	Street	# Units	Unit Occupants/Homestead Status	Other Notes
128238	SF	2421	NE	20 AV N	1	Duplex that is individually metered	John W. Burgess
128240	SF	2421	NE	20 AV S	1	Duplex that is individually metered	John W. Burgess
128216	SF/IR	2430	NE	20 AV	1	SF RESIDENCE WITH IRR METER	John W. Burgess
128236	SF	2431	NE	20 AV	1	Duplex that is individually metered	Hall
128234	SF	2433	NE	20 AV	1	Duplex that is individually metered	Hall
128218	SF	2446	NE	20 AV	1		Wilson
128220	SF	2462	NE	20 AV	1		Provenza
128194	SF	2432	NE	20 TE	1		Palo
128208	SF	2433	NE	20 TE	1		Spey
128196	SF	2448	NE	20 TE	1		Hammett
128206	SF	2449	NE	20 TE	1	SF per BCPA (data and sketch confirm), 100% Homestead	Dunham and Esther Desvergers
128198	SF	2464	NE	20 TE	1		Holland
128204	SF	2465	NE	20 TE	1		Maio
128200	SF	2480	NE	20 TE	1		Michaelis
128188	SF	2433	NE	21 AV	1		Griffin
128172	SF/CN	2440	NE	21 AV	1	Huge SF under construction and unoccupied at this time	Atkins
128186	SF	2449	NE	21 AV	1		Muzi
128184	SF	2465	NE	21 AV	1		Clark
128182	SF	2481	NE	21 AV	1		Long
128174	SF	2460	NE	21 TE	1		Radice
128176	SF	2470	NE	21 TE	1		Carcioppolo
128178	SF	2480	NE	21 TE	1		Cameron
115440	SF	2411	NE	22 AV	1		Mullins
115442	SF	2425	NE	22 AV	1		Spill
115732	SF	2432	NE	22 AV	1		Zentmayer
115444	SF	2441	NE	22 AV	1		Rogers
115676	SF	2516	NE	22 AV	1		Casey
115462	SF	2517	NE	22 AV	1		Moran
115674	SF	2532	NE	22 AV	1		Bors
115460	SF	2533	NE	22 AV	1		Rossi
115458	SF	2547	NE	22 AV	1		Schoenjohn
115672	SF	2548	NE	22 AV	1		Yoder
115618	SF	2608	NE	22 AV	1		Sweeney
115526	SF	2617	NE	22 AV	1		Brown
115616	SF	2624	NE	22 AV	1		Wilks
115524	SF	2633	NE	22 AV	1		Rao
115522	SF	2649	NE	22 AV	1		Zakrzewski
115520	SF	2717	NE	22 AV	1		Lee/Lamich Holdings
115518	SF	2729	NE	22 AV	1		Long
115102	SF	2701	NE	23 AV	1		Duncan/Torres
115096	SF	2716	NE	23 AV	1		Mitchell
115104	SF	2717	NE	23 AV	1		Schwartz
115106	SF	2731	NE	23 AV	1		Stobiecki
115098	SF	2732	NE	23 AV	1		Kydd
128158	SF	2748	NE	23 AV	1		Lonsway
115108	SF	2749	NE	23 AV	1		Guiney
115110	SF	2765	NE	23 AV	1		Cervi/Lara
115114	SF	2781	NE	23 AV	1		Papp
115116	SF	2812	NE	23 AV	1		O'Donnell
148564	SF	2824	NE	23 AV	1		Ronjoy Sales/Stamp
115212	SF	2825	NE	23 AV	1		Smale
115174	SF	2836	NE	23 AV	1		Stevens
115214	SF	2849	NE	23 AV	1		Schlager
115210	SF	2860	NE	23 AV	1		Seagrave
115216	SF	2863	NE	23 AV	1		Brandt
115218	SF	2877	NE	23 AV	1		Carragher
115224	SF	2916	NE	23 AV	1		Henn
115312	SF	3050	NE	23 AV	1		Brown

## LHP CUSTOMERS BY CLASS IN FUTURE REUSE CONNECTION AREA

Loc ID	CLASS	#	Dir	Street	# Units	Unit Occupants/Homestead Status	Other Notes
115314	SF	3060	NE	23 AV	1		Newman
115316	SF	3100	NE	23 AV	1		Arnold
128212	SF	2021	NE	24 ST	1		Sylvester
128210	SF	2041	NE	24 ST	1		McConnell
128192	SF	2061	NE	24 ST	1		Maier
128190	SF	2081	NE	24 ST	1		Colameco
128170	SF	2121	NE	24 ST	1		Kneeshaw
128168	SF	2141	NE	24 ST	1		Poe
115734	SF	2217	NE	24 ST	1		Martynova/Crist
115736	SF	2233	NE	24 ST	1		Botts
115738	SF	2249	NE	24 ST	1		Harper
115740	SF	2265	NE	24 ST	1		Colson
115742	SF	2281	NE	24 ST	1	Foreclosure - bank owned	HSBC Bank
115744	SF	2317	NE	24 ST	1		Nutt
115746	SF	2333	NE	24 ST	1		Karam
115748	SF	2349	NE	24 ST	1		Fellows
115750	SF	2365	NE	24 ST	1		Desai/Patel
128972	SF	2381	NE	24 ST	1		Karam
115754	SF	2417	NE	24 ST	1		Duty
115756	SF	2433	NE	24 ST	1		Ruscito/Aulet/Umbu Cove Marina
115758	SF	2449	NE	24 ST	1		Colson
115760	SF	2465	NE	24 ST	1		Schlinkmann
137560	SF	2481	NE	24 ST	1		Maddock
114690	SF	2600	NE	24 ST	1		Price
114770	SF	2605	NE	24 ST	1		LaMarca
114692	SF	2608	NE	24 ST	1		Tight
114772	SF	2613	NE	24 ST	1		Cook
114694	SF	2616	NE	24 ST	1		Groome
114774	SF	2621	NE	24 ST	1		Klee/Leidy
114696	SF	2624	NE	24 ST	1		Fischler
114776	SF	2629	NE	24 ST	1	Parcel is joined/combined with 2630 NE 25 ST	Veerling
114698	SF	2632	NE	24 ST	1		McSweeney
114778	SF/CN	2637	NE	24 ST	1	SF still under construction - unoccupied	Polson
114700	SF	2640	NE	24 ST	1		Christos
114780	SF	2645	NE	24 ST	1		O'Connor
114782	SF	2653	NE	24 ST	1		Bishop/Goberville-Kirby
114704	SF	2656	NE	24 ST	1		Tight
114784	SF	2665	NE	24 ST	1		Brandfass
114786	SF	2669	NE	24 ST	1		Riebel
114708	SF	2672	NE	24 ST	1		Joh/Lackey
114788	SF	2675	NE	24 ST	1		Castellon/Lowery
114710	SF	2702	NE	24 ST	1		Wogman/Garden Hill House
114712	SF	2714	NE	24 ST	1		Davis
114738	SF	2715	NE	24 ST	1		Dettor
114714	SF	2728	NE	24 ST	1		Pellicci
114740	SF	2729	NE	24 ST	1		Johnson
114742	SF	2741	NE	24 ST	1		Whitelock
114716	SF	2742	NE	24 ST	1		Robison
114744	SF	2753	NE	24 ST	1		Davies
114718	SF	2756	NE	24 ST	1		Ponczek/Iski/Telca LLC
114746	SF	2765	NE	24 ST	1		Cahn
114720	SF	2770	NE	24 ST	1		MacLaren/Hillsboro Ocean Prop
114748	SF	2777	NE	24 ST	1		Foote
114722	SF	2784	NE	24 ST	1		Grant
114750	SF	2789	NE	24 ST	1		Elakman
114724	SF	2798	NE	24 ST	1		Smith
128222	SF	2020	NE	25 ST	1		Villafane
128202	SF	2040	NE	25 ST	1		Plancarte



LHP CUSTOMERS BY CLASS IN FUTURE REUSE CONNECTION AREA

Loc ID	CLASS	#	Dir	Street	# Units	Unit Occupants/Homestead Status	Other Notes
128180	SF	2100	NE	25 ST	1		Leonhardt
115446	SF	2170	NE	25 ST	1		Skiba
115730	SF	2214	NE	25 ST	1		Bauer
115728	SF	2228	NE	25 ST	1		Forgash
115678	SF	2229	NE	25 ST	1		DeLeuze
115726	SF	2242	NE	25 ST	1		Farber
115680	SF	2243	NE	25 ST	1		Leach
115724	SF	2256	NE	25 ST	1		Henn
115682	SF	2257	NE	25 ST	1		Rushton
115722	SF	2270	NE	25 ST	1		Sapp
115684	SF	2271	NE	25 ST	1		Socarras
115720	SF	2314	NE	25 ST	1		Datwani
115686	SF	2315	NE	25 ST	1		Reitano
115718	SF	2328	NE	25 ST	1		Tinkler
115688	SF	2329	NE	25 ST	1		Bush
115716	SF	2342	NE	25 ST	1		Knight
115690	SF	2343	NE	25 ST	1		Sherman
115714	SF	2356	NE	25 ST	1		Randhawa
115692	SF	2357	NE	25 ST	1		Kriegel
115712	SF	2370	NE	25 ST	1		Thomsen
115694	SF	2371	NE	25 ST	1		Hill
115710	SF	2414	NE	25 ST	1		Amodio
115696	SF	2415	NE	25 ST	1		Gutwein
115708	SF/CN	2428	NE	25 ST	1	SF under construction	Hartney
115698	SF	2429	NE	25 ST	1		O'Connor
115706	SF	2442	NE	25 ST	1		Cagle
115700	SF	2443	NE	25 ST	1		Benyo
115704	SF	2456	NE	25 ST	1		Ferreira
115702	SF	2457	NE	25 ST	1		Peddy
114766	SF	2620	NE	25 ST	1		Merkel
114806	SF	2625	NE	25 ST	1		Lasorsa
114764	SF	2630	NE	25 ST	1	This property is joined/combined with 2624 NE 24 ST	Veerling
114808	SF	2635	NE	25 ST	1		Harrington
114762	SF	2640	NE	25 ST	1		Santiso
114810	SF	2645	NE	25 ST	1		Frost
114760	SF	2650	NE	25 ST	1		Menendez
114758	SF	2660	NE	25 ST	1		Schoepp
114814	SF	2665	NE	25 ST	1		Owens
114756	SF	2670	NE	25 ST	1		Vargo
114816	SF	2675	NE	25 ST	1		Delaney
114754	SF	2680	NE	25 ST	1		Merkel
114818	SF	2685	NE	25 ST	1		Prues
114752	SF	2690	NE	25 ST	1		Crittenberger
114736	SF	2716	NE	25 ST	1		McHugh
114830	SF	2717	NE	25 ST	1		Spadoni/smith
114734	SF	2732	NE	25 ST	1		Bigio
114832	SF	2733	NE	25 ST	1		Weir/Drake
114732	SF	2748	NE	25 ST	1		Phipps
114834	SF	2749	NE	25 ST	1		Mattes
114730	SF	2764	NE	25 ST	1		Vinson
114836	SF	2765	NE	25 ST	1		Della Russo
114728	SF	2780	NE	25 ST	1		Anderson
114838	SF	2781	NE	25 ST	1		Connors
114840	SF	2797	NE	25 ST	1		Waite/Eichler
114688	SF	2401	NE	26 AV	1		Callaghan
114886	SF	2417	NE	26 AV	1		Muscara
114888	SF	2433	NE	26 AV	1		Schwantes
114768	SF	2448	NE	26 AV	1		Eskins

## LHP CUSTOMERS BY CLASS IN FUTURE REUSE CONNECTION AREA

Loc ID	CLASS	#	Dir	Street	# Units	Unit Occupants/Homestead Status	Other Notes
114890	SF	2449	NE	26 AV	1		Svopa
114892	SF	2501	NE	26 AV	1		Ruscito
114804	SF	2516	NE	26 AV	1		Lascel/Dunne
114894	SF	2517	NE	26 AV	1		Stesney
114896	SF	2533	NE	26 AV	1		Lantz
114898	SF/CN	2601	NE	26 AV	1	Double-lot under construction - cannot tell what type	Conway
114876	SF	2616	NE	26 AV	1		Cordes
114900	SF	2617	NE	26 AV	1		Kimmelman
114878	SF	2632	NE	26 AV	1		Pine
114902	SF	2633	NE	26 AV	1		Speedy
114880	SF	2648	NE	26 AV	1		Petri
114904	SF	2649	NE	26 AV	1		Sinkoe
114884	SF	2664	NE	26 AV	1		Winningham/Rand
114906	SF	2665	NE	26 AV	1		Porter
115074	SF	2701	NE	26 AV	1		Schmahl
115072	SF	2717	NE	26 AV	1		Waldman
115070	SF/VA	2733	NE	26 AV	0	Completely vacant lot - no construction, no bldg permit	Casazza
115068	SF	2749	NE	26 AV	1		Sussman
115066	SF	2765	NE	26 AV	1		Vinson
115028	SF	2780	NE	26 AV	1		Kieran
115064	SF	2781	NE	26 AV	1		Hollub
115062	SF	2797	NE	26 AV	1		Berry
115060	SF	2817	NE	26 AV	1		Reichard
115020	SF	2824	NE	26 AV	1		Ema
115058	SF	2833	NE	26 AV	1		Blankenfield
149388	SF	2844	NE	26 AV	1		Pourzal
115056	SF	2849	NE	26 AV	2	100% Owner Occupied Homestead (reclass per LHP 2/14)	Michael Darby
115670	SF	2228	NE	26 ST	1		Partridge/Newtown Hall LLC/LHP7 LLC
115620	SF	2235	NE	26 ST	1		Singh
115668	SF	2242	NE	26 ST	1		Holmes
115622	SF	2249	NE	26 ST	1		Grant
115666	SF	2250	NE	26 ST	1		1217 Bedford AV LLC No FL regis)
115624	SF	2263	NE	26 ST	1		Murray
115664	SF	2270	NE	26 ST	1		Penniman
115626	SF	2311	NE	26 ST	1		Maloney
115662	SF	2314	NE	26 ST	1		Cuozzo
115628	SF	2325	NE	26 ST	1		Burnett
115660	SF	2328	NE	26 ST	1		Scott
115630	SF	2339	NE	26 ST	1		Slatkow
115658	SF	2342	NE	26 ST	1		Airdo
115632	SF	2353	NE	26 ST	1		Talerico
115656	SF	2356	NE	26 ST	1		Schorr
115634	SF	2367	NE	26 ST	1		D'Apuzzo
115654	SF	2370	NE	26 ST	1		Monserat/Monserat Realty
115636	SF	2411	NE	26 ST	1		Aulet/Ruscito/Umbu Cove Marina
115652	SF	2414	NE	26 ST	1		Gamelin
115638	SF	2425	NE	26 ST	1		Rocher
115650	SF	2428	NE	26 ST	1		Baytarian/Sandcastles at the Beach
115648	SF	2442	NE	26 ST	1		Gerun
115640	SF	2443	NE	26 ST	1		Brickell
115646	SF	2456	NE	26 ST	1		Monserat
115642	SF	2457	NE	26 ST	1		Rigdon
114802	SF	2612	NE	26 ST	1		Ferri/Kean
114800	SF	2624	NE	26 ST	1		Foote
114874	SF	2625	NE	26 ST	1		Martinez
114798	SF	2636	NE	26 ST	1		Schroeder
114796	SF	2648	NE	26 ST	1		Shannon/Whisenhunt
114794	SF	2662	NE	26 ST	1		O'Connell

LHP CUSTOMERS BY CLASS IN FUTURE REUSE CONNECTION AREA

Loc ID	CLASS	#	Dir	Street	# Units	Unit Occupants/Homestead Status	Other Notes
114856	SF	2673	NE	26 ST	1		Whittaker
114792	SF	2676	NE	26 ST	1		Barten
114790	SF	2684	NE	26 ST	1		Hofman
114854	SF	2685	NE	26 ST	1		Skiff
114828	SF	2710	NE	26 ST	1		Murphy
114826	SF	2720	NE	26 ST	1		Gibson
114846	SF	2727	NE	26 ST	1		Harbison/Kokkeler
114824	SF	2730	NE	26 ST	1		Hennigar
114848	SF	2735	NE	26 ST	1		Nudelberg
114822	SF	2740	NE	26 ST	1		Bechara/Henriquez/Thoni-K-Cell HB
114858	SF	2614	NE	26 TE	1		Martineau/Taillefer
114872	SF	2615	NE	26 TE	1		Sasso
114860	SF	2628	NE	26 TE	1		Styers
114870	SF	2629	NE	26 TE	1		Clark
114862	SF	2642	NE	26 TE	1		O'Hara
114868	SF	2643	NE	26 TE	1		Petri
114852	SF	2641	NE	27 AV	1		Prenner
114842	SF	2660	NE	27 AV	1		Jones
114850	SF	2661	NE	27 AV	1		Brown
114956	SF	2714	NE	27 AV	1		Christensen
114966	SF	2756	NE	27 AV	1		Ahearn
114968	SF	2758	NE	27 AV	1		Resnick
114970	SF	2770	NE	27 AV	1	Duplex that is individually metered	Merkl
128140	SF	2770	NE	27 AV	1	Duplex that is individually metered	Merkl
128144	SF	2814	NE	27 AV	1	Duplex that is individually metered (see 2816)	Lyles
115022	SF	2815	NE	27 AV	1		Harris
114978	SF	2816	NE	27 AV	1	Duplex that is individually metered (see 2814)	Lyles
149390	SF	2829	NE	27 AV	1		Dimattina
128124	SF	2616	NE	27 CT	1	Duplex that is individually metered	Greco
115038	SF	2616	NE	27 CT	1	Duplex that is individually metered	Greco
128122	SF	2718	NE	27 CT	1	Duplex that is individually metered	Jarvis
114952	SF	2718	NE	27 CT	1	Duplex that is individually metered	Jarvis
114962	SF	2719	NE	27 CT	1		Walker
115592	SF	2215	NE	27 ST	1		Richards
115614	SF	2216	NE	27 ST	1		Ray
128154	SF	2234	NE	27 ST	1		Doro
128156	SF	2312	NE	27 ST	1		Gittman
115094	SF	2315	NE	27 ST	1		Vanderwoort
115608	SF	2320	NE	27 ST	1		Endicott
115092	SF	2325	NE	27 ST	1		Linker
115606	SF	2328	NE	27 ST	1		Lynn
115090	SF	2335	NE	27 ST	1		Kirby
115604	SF	2336	NE	27 ST	1		Daly
115088	SF	2345	NE	27 ST	1		Cohen
115602	SF	2346	NE	27 ST	1		Gartenhaus
115086	SF	2409	NE	27 ST	1		Mendez
115600	SF	2412	NE	27 ST	1		Hevey
115598	SF	2420	NE	27 ST	1		Corn
115084	SF	2421	NE	27 ST	1		Durante
115596	SF	2432	NE	27 ST	1		Gaudreau
115082	SF	2433	NE	27 ST	1		Garcia
115594	SF	2444	NE	27 ST	1		Kiss
115080	SF	2445	NE	27 ST	1		Giordano
114916	SF	2500	NE	27 ST	1		Pistorio
115078	SF	2501	NE	27 ST	1		Casazza
114914	SF	2512	NE	27 ST	1		Breza
115076	SF	2513	NE	27 ST	1		Schmidt
114912	SF	2524	NE	27 ST	1		Mike Schmidt Invest (no FL regis)

LHP CUSTOMERS BY CLASS IN FUTURE REUSE CONNECTION AREA

Loc ID	CLASS	#	Dir	Street	# Units	Unit Occupants/Homestead Status	Other Notes
114910	SF	2536	NE	27 ST	1		Mike Schmidt Invest (no FL regis)
114908	SF	2560	NE	27 ST	1		Tight
115042	SF	2601	NE	27 ST	1		Jurcik
114882	SF	2612	NE	27 ST	1		Whipple
115044	SF	2613	NE	27 ST	1		Berg
114866	SF	2624	NE	27 ST	1		Americh
128110	SF	2625	NE	27 ST	1		Shepard
128112	SF	2649	NE	27 ST	1	Duplex that is individually metered	Bird
115048	SF	2655	NE	27 ST	1	Duplex that is individually metered	Bird
114864	SF	2660	NE	27 ST	1		Champion/Ocean View Design
114820	SF	2812	NE	27 ST	1		Bakalich
114726	SF	2912	NE	27 ST	1		Maresca
128146	SF	2839	NE	28 AV	2	100% Owner Occupied Homestead (reclass per LHP 2/14)	
115176	SF	2316	NE	28 CT	1		Miceli
115206	SF	2317	NE	28 CT	1		Gunn
115178	SF	2324	NE	28 CT	1		Young
115204	SF	2325	NE	28 CT	1		Bondarchuk
115180	SF	2332	NE	28 CT	1		Kovach
115202	SF	2333	NE	28 CT	1		Shoffet
115182	SF	2340	NE	28 CT	1		Anderson
115200	SF	2341	NE	28 CT	1		Nouss
115184	SF	2348	NE	28 CT	1		Lightfoot
115198	SF	2349	NE	28 CT	1		Ostrow
115186	SF	2356	NE	28 CT	1		Smith
115196	SF	2357	NE	28 CT	1		Rosner
115188	SF	2364	NE	28 CT	1		Hainey
115194	SF	2365	NE	28 CT	1		Ditfurth
115190	SF	2372	NE	28 CT	1		Hayes
115192	SF	2373	NE	28 CT	1		Doverspike
115052	SF	2637	NE	28 CT	1		Nelligan
147078	SF	2645	NE	28 CT	1		Willard
115118	SF	2318	NE	28 ST	1		Tassi
115172	SF	2319	NE	28 ST	1	BCPA says under construction but occupied SF here now	Gomez
115120	SF	2324	NE	28 ST	1		Kallen
115170	SF	2325	NE	28 ST	1		Brown/Stiles
115122	SF	2330	NE	28 ST	1		Reeps
115168	SF	2331	NE	28 ST	1		Glasser/Hassan
115124	SF	2336	NE	28 ST	1		Sottini
115166	SF	2337	NE	28 ST	1		Rickard
115126	SF	2342	NE	28 ST	1		Litowich
115164	SF	2343	NE	28 ST	1		Mishkin
115128	SF	2348	NE	28 ST	1		Sheehan
115162	SF	2349	NE	28 ST	1		Lawrence
115130	SF	2354	NE	28 ST	1		Parets
115160	SF	2357	NE	28 ST	1		Lawrence
115132	SF	2360	NE	28 ST	1		Motley
115158	SF	2365	NE	28 ST	1		Beckett
115134	SF	2366	NE	28 ST	1		Luceri
115136	SF	2372	NE	28 ST	1		Carrington
115156	SF	2377	NE	28 ST	1		Lessen/Pearl
115138	SF	2378	NE	28 ST	1		Borror
115140	SF	2384	NE	28 ST	1		Siegel
115154	SF	2385	NE	28 ST	1		Franzon
115142	SF	2390	NE	28 ST	1		Nabzeski
115152	SF	2391	NE	28 ST	1		Kearney
115144	SF	2394	NE	28 ST	1		Mabry
115150	SF	2395	NE	28 ST	1		Carrera
115146	SF	2398	NE	28 ST	1		Rosen

LHP CUSTOMERS BY CLASS IN FUTURE REUSE CONNECTION AREA

Loc ID	CLASS	#	Dir	Street	# Units	Unit Occupants/Homestead Status	Other Notes
115148	SF	2399	NE	28 ST	1		Motta
114946	SF	2770	NE	29 AV	1	Duplex that is individually metered	Whittaker
128086	SF	2772	NE	29 AV	1	Duplex that is individually metered	Whittaker
115208	SF	2310	NE	29 ST	1		Haas
115226	SF	2318	NE	29 ST	1		Marano
115266	SF	2319	NE	29 ST	1		Pulley
115264	SF	2323	NE	29 ST	1		Trowbridge
115228	SF	2326	NE	29 ST	1		Indoja
115262	SF	2327	NE	29 ST	1		League
115230	SF	2334	NE	29 ST	1		Anastassiades/Goldstein
115260	SF	2335	NE	29 ST	1		Ulbrich
115232	SF	2342	NE	29 ST	1		Day
115258	SF	2343	NE	29 ST	1		Fuerst
115234	SF	2350	NE	29 ST	1		Mulcahy
115256	SF	2351	NE	29 ST	1		Tiernan
115236	SF	2358	NE	29 ST	1		McKay
115254	SF	2359	NE	29 ST	1	SF homes abuts 2367 NE 29 ST that has IRRIG meter	Roig
115238	SF	2366	NE	29 ST	1		Brown
115252	SF/IR	2367	NE	29 ST	0	Parcel owned by/abuts 2359 NE 29 ST - pool, landscaping	Roig
115240	SF	2374	NE	29 ST	1		Bunn
115250	SF	2375	NE	29 ST	1		Roig
115242	SF	2382	NE	29 ST	1		Simon
115248	SF	2383	NE	29 ST	1		Craig
115244	SF	2390	NE	29 ST	1		Milus
115246	SF	2391	NE	29 ST	1		Wachtel/Zabar
114930	SF	2702	NE	30 AV	1		Olenicoff/Ostensen
114928	SF	2716	NE	30 AV	1		Fischer
114926	SF	2730	NE	30 AV	1	Duplex that is individually metered	Willard
136948	SF	2740	NE	30 AV	1	Duplex that is individually metered (doesn't appear on BCPA)	Willard
115270	SF	2308	NE	30 CT	1		2308 Props LLC
115272	SF	2316	NE	30 CT	1		Kazma
115310	SF	2317	NE	30 CT	1		Steigelman
115274	SF	2324	NE	30 CT	1		Campbell
115308	SF	2325	NE	30 CT	1		Strand
115276	SF	2332	NE	30 CT	1		Disimone
115306	SF	2333	NE	30 CT	1		LaPenta
115278	SF	2340	NE	30 CT	1		Offshack
115304	SF	2345	NE	30 CT	1		Lindquist
115280	SF	2348	NE	30 CT	1		Zahn
115302	SF	2349	NE	30 CT	1		Turner
115282	SF	2356	NE	30 CT	1		Marzano
115300	SF	2357	NE	30 CT	1		Trendowicz
115284	SF	2364	NE	30 CT	1		Cazin
115298	SF	2365	NE	30 CT	1		Meli
115286	SF	2372	NE	30 CT	1		Dimeglio
115296	SF	2373	NE	30 CT	1		Jacobs
115294	SF	2375	NE	30 CT	1		Lipworth
115288	SF	2380	NE	30 CT	1		Karson/Frateschi
115290	SF/IR	2388	NE	30 CT	1	IRRIG METER for SF	Valenti

Exhibit D

Loc ID	CLASS	#	Dir	Street	# Units	Unit Occupants/Homestead Status	Other Notes
128232	MF	2447	NE	20 AV	2	Rentals - no homestead	
128226	MF	2461-2463	NE	20 AV	2	Rentals - no homestead	Bamman
134856	MF	2744	NE	26 AV	2	Homestead on one unit only - second is rental	
115026	MF	2796	NE	26 AV	2	Rentals - no homestead	
115050	MF	2715	NE	27 AV	2	Homestead on one unit only - second is rental	Aaron Goldberg
114954	MF	2728	NE	27 AV	2	Rentals - no homestead	
115036	MF	2632	NE	27 CT	2	Homestead on one unit only - second is rental	
115030	MF	2643	NE	27 CT	2	Rentals - no homestead	
115034	MF	2648	NE	27 CT	3	Owner occupants	
115032	MF	2649	NE	27 CT	2	Rentals - no homestead	
123434	MF	2734	NE	27 CT	22	Owner occupants	
114958	MF	2713	NE	27 ST	2	Rentals - no homestead	
128114	MF	2725	NE	27 ST	4	Rentals - no homestead	
128118	MF	2745	NE	27 ST	4	Rentals - no homestead	
114948	MF	2813	NE	27 ST	10	Owner occupants	
114950	MF	2823	NE	27 ST	2	Rentals - no homestead	
115766	MF	2748	NE	28 AV	20	Owner occupants	
123436	MF	2755	NE	28 AV	28	Owner occupants	Complex of 6 buildings
128134	MF	2755	NE	28 AV			
128138	MF	2755	NE	28 AV			
115016	MF	2835	NE	28 AV	12	Owner occupants	
115054	MF	2613	NE	28 CT	4	Rentals - no homestead	
124954	MF	2625	NE	28 CT	4	Owner occupants	
114980	MF	2730	NE	28 CT	2	Rentals - no homestead	
115008	MF	2731	NE	28 CT	4	Rentals - no homestead	
115006	MF	2735	NE	28 CT	5	Rentals - no homestead	
114982	MF	2736	NE	28 CT	2	Rentals - no homestead	
115004	MF	2737	NE	28 CT	4	Owner occupants	
114984	MF	2738	NE	28 CT	4	Rentals - no homestead	
124950	MF	2743	NE	28 CT	6	Owner occupants	
124952	MF	2750	NE	28 CT	8	Owner occupants	
128142	MF	2650	NE	28 ST	2	Rentals - no homestead	
114976	MF	2721	NE	28 ST	2	Rentals - no homestead	
114972	MF	2722	NE	28 ST	2	Rentals - no homestead	
124906	MF	2737	NE	28 ST	12	Owner occupants	
124908	MF	2753	NE	28 ST	10	Owner occupants	
123430	MF	2800	NE	28 ST	16	Owner occupants	
123426	MF	2921	NE	28 ST	20	Owner occupants	
114940	MF	2718	NE	29 AV	2	Rentals - no homestead	
114944	MF	2754	NE	29 AV	2	Rentals - no homestead	
123432	MF/IR	2757	NE	29 AV	6	Owner occupants	
116096	MF	2790	NE	29 AV	4	Owner occupants	
114938	MF	2713	NE	30 AV	2		Brown
114936	MF	2727	NE	30 AV	2	Homestead on one unit only - second is rental	
114934	MF	2741	NE	30 AV	2	Rentals - no homestead	
114924	MF	2744	NE	30 AV	4	Rentals - no homestead	
114932	MF	2755	NE	30 AV	2	Rentals - no homestead	
128078	MF	2758	NE	30 AV	12	Owner occupants	3 buildings and a community center
123424	MF	2758	NE	30 AV			
123428	MF	2769	NE	30 AV	5	Owner occupants	
128076	MF	2800	NE	30 AV	16	Owner occupants	
137900	MF/IR	2800		MARINA CIR	1	IRRIG	Tillotson Square Community Assoc
52					292	52 meters (2 irrig), 292 units	

Exhibit E

Loc ID	CLASS	#	Dir	Street	# Units	Unit Occupants/Homestead Status	Other Notes
128290	B	2400	N	FEDERAL HY		IRRIG	Beacon Light Shopping Center
114920	B/IR	2830	NE	29 AV		IRRIG 1.50"	Lighthouse Yacht Basin Marina
123420	B/IR	2200	NE	25 ST		IRRIG 1.00" MEDIAN	City of LHP
124956	B/IR	2500	NE	27 ST		IRRIG 1.00" PARK	City of LHP
128120	B/IR	2700	NE	27 ST		IRRIG 1.00"	City of LHP
173044	B/IR	2234	NE	27 ST		IRRIG 2.0" MEDIAN	City of LHP
						6 meters/3 customers	