



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Regulation Division

November 30, 2018

Sarah Keffer
Groundwater & Environmental Services, Inc.
6500 NW 12th Avenue Suite 108
Fort Lauderdale, FL 33309

**Subject: CFI - Fort Lauderdale – Sunrise & NE 4th Ave
Water Use Permit Application No. 181126-11, Permit No. 06-07809-W
Broward County**

Dear Ms. Keffer:

District staff have reviewed the above-referenced application. As discussed with Stephanie Lancaster on November 30, 2018, the District is requesting the following information, in accordance with Section 40E-1.603, Florida Administrative Code (F.A.C.), to complete the application and provide reasonable assurances for permit issuance:

1. The application indicates that dewatering effluent will be discharged off-site into a Florida Department of Transportation (FDOT) storm drain. Please provide authorization from the FDOT for off-site discharge (Subsection 2.3.2.B.2.d of the Applicant's Handbook for Water Use Permit Applications within the South Florida Water Management District).
2. Pursuant to Subsection 40E-2.101(2), F.A.C., please provide a letter of authorization from Cumberland Farms, Inc. authorizing Sarah Keffer, Groundwater & Environmental Services, Inc. to act as the agent for this application.

Please submit responses to this letter electronically on the District's ePermitting website (www.sfwmd.gov/epermitting) using the Additional Info Submittals link to expedite administrative processing of the application and to save paper. Please note that an electronic response may be submitted even if the original application was submitted via hard copy. Information regarding the District's comprehensive ePermitting program is enclosed. Alternatively, the requested information may be mailed or hand delivered, clearly labeled with the application number, to District Headquarters.

In accordance with paragraph 40E-1.603(1)(b) F.A.C., if the requested information is not received within 90 days of the date of this letter, this application may be processed for denial, if not withdrawn by the applicant. If additional time is needed, please contact one of the District staff members below with a request for an extension before the 90 day period ends.

Sarah Keffer

CFI - Fort Lauderdale – Sunrise & NE 4th Ave, Application No. 181126-11

November 30, 2018

Page 2

The District recommends contacting the assigned staff member to resolve the above questions and concerns prior to submitting a response. Stephanie Lancaster, P.G., Scientist-4, at 561-682-2055, or via email at slancast@sfwmd.gov; is available to assist with questions.

Sincerely,



Nicholas Vitani, P.G.

Section Leader

South Florida Water Management District

NV/sl

cc: Christopher Johnson, Cumberland Farms, Inc.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
GENERAL USE PERMITDate: 11/26/2018 Permit No.: 2018-K-491-00127Name of Applicant or Authorized Agent: SARAH KEFFEREntity (if applicable): Cumberland Farms, Inc.

(If entity, furnish contact information for responsible representative)

Address: 6500 NW 12th Avenue, Suite 108 Zip Code: 33309City/State: Fort Lauderdale, Florida Telephone No.: (866) 565-7650 ext. 3304Email Address: skeffer@gesonline.com**Activity / Project Site**County: Broward State Road: SR 811 Section: 170, 000From Mile Post: 0.000 to Mile Post: 0.330Construction Proposed or Underway: Yes ☐ No ☐ FM Project No.: _____

Name of Municipality if Work is within Limits: _____

Description of Work Activity:

Dewatering associated with the installation of USTs at a new service station.**General Provisions**

1. Attach any pertinent plans or drawings.
2. Attach notification letters sent to any Utilities both aerial and underground that will be potentially impacted.
3. The designated FDOT Engineer shall be notified 48 hours prior to beginning of work.
Contact Howard Bent at 9549587635.
4. All work, materials and equipment shall be subject to inspection and approval by FDOT. Applicants certification of work at completion is required.
5. The permittee shall be responsible to place and display safety devices and proper maintenance of traffic in accordance with the latest version of the Department's Design Standards, index series 600, or an alternative plan signed and sealed by a professional Engineer and attached with the permit.
6. All FDOT property shall be restored to its original condition. Any damage to FDOT property as a result of this work shall be repaired and restored in a manner acceptable to the FDOT at the sole expense of the permittee.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Special Provisions

Pre-construction is not need however 48 hours notice is need along with completion of work is needed.

Please call for Broward Operations (954)776-4300

Conditions

1. In the event the permittee fails to meet any of the requirements of this permit by the FDOT, the permitted activity must cease until brought into compliance. If compliance can not be met, then the permit will be rendered void and said work shall be removed from the right of way at no cost to the FDOT.
2. Work shall commence within 60 days of permit approval.
Work shall be completed by 1/1/2019.
(Date)
3. The rights and privileges herein set out are granted only to the extent of the State's right, title and interest in the land to be entered upon and used by the permittee, and the permittee will, at all times, and to the extent permitted by law, assume all risk of and indemnify, defend and save harmless the State of Florida and the FDOT from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by said permittee of the aforesaid rights and privileges.

Applicant

I hereby agree to comply with all terms and conditions set forth and described in this permit.

SARAH KEFFER, Environmental Scientist

SARAH KEFFER

11/26/2018

Printed or Typed Name and Title

Signature

Date

FDOT

Approved By:

Imhotep Duncanson

Imhotep Duncanson

12/11/2018

Print Designated Engineer

Signature

Date

PERMITS COORDINATOR I

Title

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Owner/Applicant Signature Authorization

Project Name: Proposed Cumberland Farms Property - Fort Lauderdale Sunrise Blvd

Application and/or Permit # (if available): Temp: 0013540

I hereby designate and authorize the agent listed below to act on my behalf, or on behalf of my corporation, as the agent in the processing of this application for the permit and/or proprietary authorization indicated above; and to furnish on request supplemental information in support of this application. In addition, I authorize the below-listed agent to bind me, or my corporation, to perform any requirement which may be necessary to procure the permit or authorization.

I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S. and 18 U.S.C Section 1001.

Printed Name of Authorized Agent: Luis A. Garcia, P.E.

Signature of Authorized Agent: 

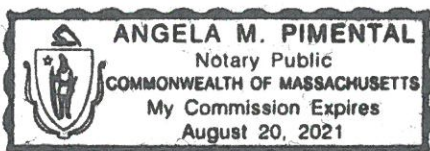
Date: 8/7/2018

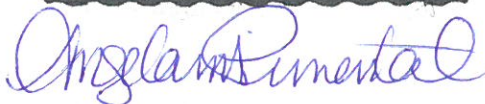
Typed/Printed Name of Owner/Applicant: Christopher Johnson

Corporate Title if Applicable: Environmental Manager Environmental Affairs

Signature of Owner/Applicant: 

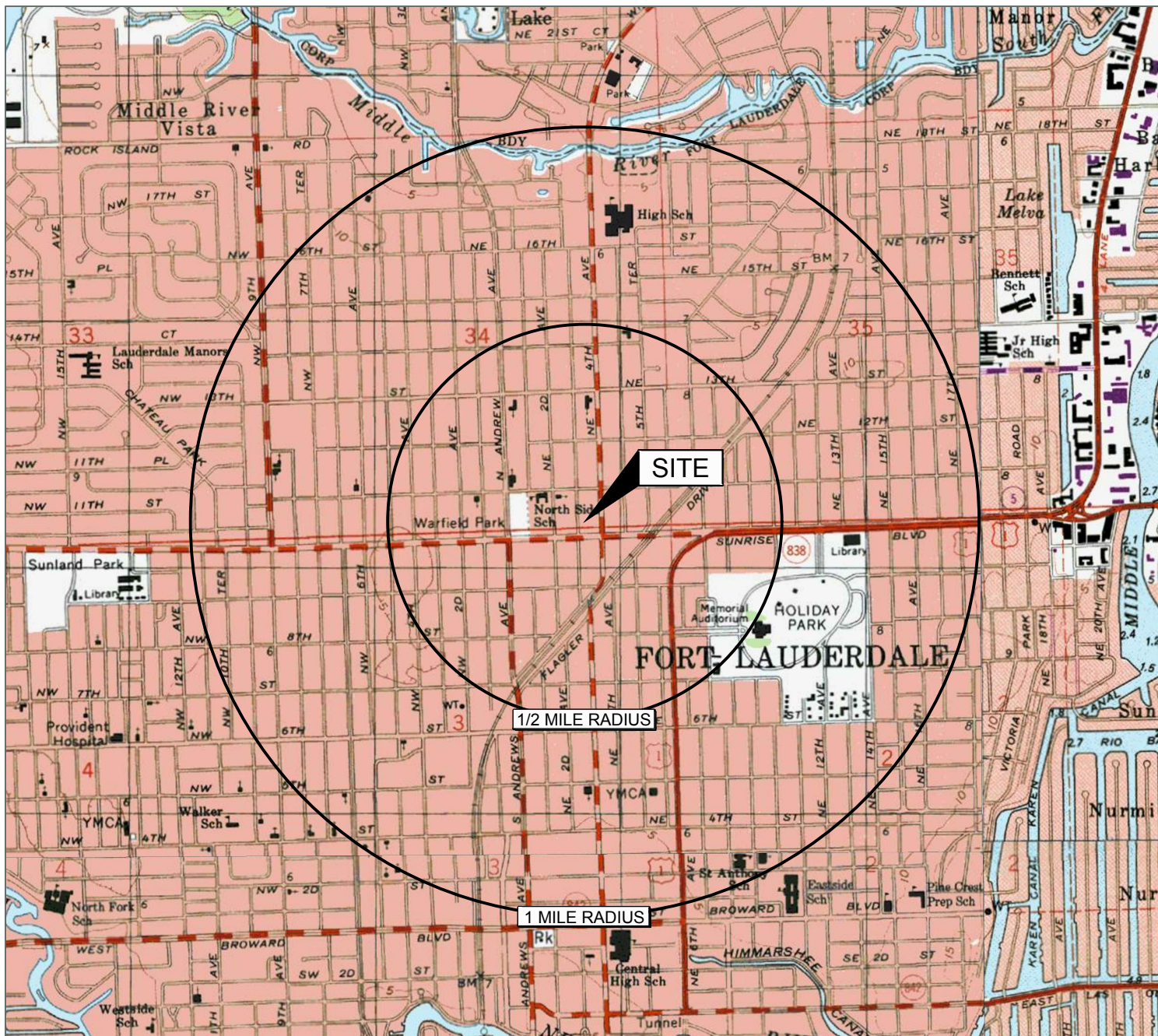
Date: 8/15/18





*Commonwealth of Massachusetts
County of Worcester*

*Subscribed & sworn to (or affirmed) before me
this day, August 15, 2018 by Christopher
Johnson who is personally known to me.*



Source:
USGS 7.5 Minute Series
Topographic Quadrangle, 1995
Fort Lauderdale North, Florida
Contour Interval = 5'



Quadrangle Location
LAT. 026° 08' 14.53" N
LONG. 080° 08' 27.53" W
(Approximate Site Coordinates)

Site Location Map

Cumberland Farms, Inc.
Proposed Location - Fort Lauderdale
Sunrise Boulevard & NE 4th Avenue
Fort Lauderdale, Florida

Drawn
W.A.W.
Designed
Approved



Scale in Feet









Approved
2018-K-481-00127
Incorporation
Groundwater & Environmental Services, Inc.

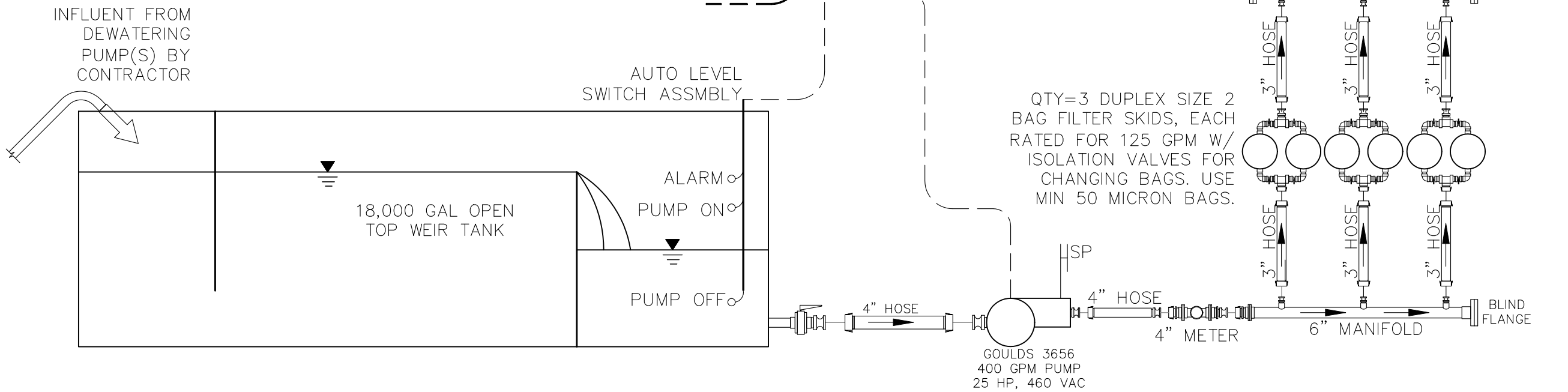
Date
02/21/18
Figure
1

400 GPM SYSTEM

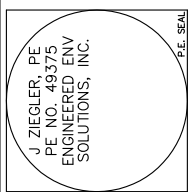
- NOTES:
- 1. MAXIMUM FLOWRATE THROUGHT EACH VESSEL IS 125 GPM.
 - 2. FLOW TO BE SPLIT EVENLY THROUGH THE BAG FILTERS.

LEGEND

-  = BALL VALVE
-  = FLANGE CONNECTOR
-  = MALE CAMLOCK CONNECTOR
-  = FEMALE CAMLOCK CONNECTOR
-  = SADDLE FITTING (VARIOUS SIZES)
-  = SAMPLE PORT



SCALE:	N.T.S.
DATE:	6-20-17
DRAWN BY:	JNZ
CHECKED BY:	FPL
APPROVED BY:	JNZ



ENGINEERED ENVIRONMENTAL SOLUTIONS INC.

601 N EAST COAST AVE, LANTANA, FL 33462

951-721-0062 PHONE / 954-444-4977 CELL

400 GPM TREATMENT SYSTEM PROCESS FLOW

GES SEDIMENT CONTROL DEWATERING ACTIVITIES

Approved
2018-K-491-00127
Imhotep Duncan
12/11/2018

Dewatering Flow Rate (UST Field)

Facility Name : Proposed Cumberland Farms Property - Fort Lauderdale Sunrise Blvd
Facility Address : 333 E. Sunrise Blvd & NE 4th (NWC of Sunrise Blvd Rd and NE 4th Ave), Fort Lauderdale, FL
FDEP No. : NA

$$H^2 - h^2 = nq / \pi k (\ln R_o - \ln r_e)^a$$

where:

n = number of wellpoints;

q = flow rate per wellpoint in m³/sec;

r_e^b = effective radius of dewatering (6.66 m) ;

H^c = Total head of the water table (44.81 m);

h = Total head of the dewatered aquifer (41.00 m);

R_o = radius of influence calculated via Sichardt's equation (22.79 m); and

K = hydraulic conductivity (3.881E-05 m/s)^d

$$nq^e = [(H^2 - h^2) \pi K] / (\ln R_o - \ln r_e)$$

$$nq = 0.0324 \text{ m}^3/\text{sec}$$

Total Estimated Flow Rate: 513.48 gpm

Daily Pumpage 0.739 MGD

^a From Broward County Environmental Protection and Growth Management Department EAR Section Standard Operating Procedure for Dewatering (Revision 3, Effective December 1, 2009), Exhibit III

^b Based on rectangular excavation with approximate dimensions 50 ft x 30 ft

^c Based on information provided by Mr. Norman Arrazola, P.E., from Broward County Environmental Protection and Growth Management Department

^d Based on information provided by Mr. Norman Arrazola, P.E., from Broward County Environmental Protection and Growth Management Department

^e the product 'nq' yields the total estimated flow rate

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018



Florida Department of Environmental Protection

Southeast District Office
3301 Gun Club Road, MSC 7210-1
West Palm Beach, Florida 33406
561-681-6600

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

March 26, 2018

Mr. Christopher Johnson
Senior Environmental Project Manager
Cumberland Farms, Inc.
165 Flanders Road
Westborough, MA 0158
cjohnson@cumberlandfarms.com

Broward County
IW – Cumberland Farms – Fort Lauderdale
Dewatering Discharge
DEP File No.: FLG914755-001-IWPT/GE

RE: Generic Permit for Discharges from Petroleum Contaminated Sites (Short Term)

Project: Cumberland Farms – Fort Lauderdale, Sunrise Blvd
WAFR/NPDES Facility I.D. No.: FLG914755
Site Location: 333 E. Sunrise Blvd – Fort Lauderdale, Florida 33304

Dear Mr. Johnson:

In response to the request, that Cumberland Farms, filed on your behalf, for short-term coverage under the Generic Permit for Discharges from Petroleum Contaminated Sites for the above-mentioned facility, received on March 21, 2018, we hereby grant your request effective on the date this letter is filed with the Clerk of the Department. This authorization is valid for a total discharge period of thirty (30) days or less. Your Generic Permit Number and the Industrial Waste project ID Number is FLG914755.

Please note that the treated water must be released at the discharge point as described in the Notice of Intent (NOI). The water must be piped directly to the drainage feature or surface water body in a manner that keeps the water contained (no overland or street gutter flow) to prevent erosion or nuisance conditions. The discharge pipe must be protected from vehicle or pedestrian traffic by using low-profile ramps as necessary.

Evidence that the site had been assessed, as defined in Rule 62-621.300(1)(c)3, FAC, was provided by the Laboratory Analytical Report results (June 2017).

This Permit is contingent upon compliance with all conditions of the NPDES Generic Permit for discharges from Petroleum Contaminated Sites.

Mr. Christopher Johnson, Senior Environmental Project Manager
Cumberland Farms, Inc.
Permit Number: FLG914755
Page 2

A copy of the effective Generic Permit is enclosed. Please read Chapter 62-621, Florida Administrative Code, online at <http://www.dep.state.fl.us/legal/rules/shared/62-621.pdf>. Please review the permit to become familiar with the effluent limitations, monitoring requirements and reporting requirements, which vary depending upon the type of petroleum contamination present. Also enclosed is a Discharge Monitoring Report (DMR) form, which is to be copied and used for recording and submitting effluent monitoring data required by the permit.

Please note the procedure for submission of the monitoring results. Monitoring results shall be summarized and reported on a DMR form (DEP 62-620.910(10)), one DMR for each week, or each day if the discharge lasts for less than one week. Signed copies of the DMR's shall be submitted to the following address: Department of Environmental Protection, 2600 Blair Stone Road, Wastewater Compliance Evaluation Section, Mail Station 3551, Tallahassee, FL 32399-2400. All other correspondence and inquiries shall be submitted to this office (Southeast District Office, Industrial Waste) at the address given in the letterhead. Chapter 62-620, F.A.C., contains the rules for permit transfers, signature requirements and other administrative requirements.

A person whose substantial interests are affected by the Department's permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Please see Attachment A regarding Notice of Rights for additional information. Also, please see Attachment B regarding procedures for reporting unauthorized discharges under Rules 62-620.610(20) and 62-621.250(14), F.A.C.

This generic permit does not relieve the permittee from the responsibility for obtaining any other permits required by the Department or any federal, state or local agency, including any Municipal Separate Storm Sewer Systems (MS4) permittees, e.g., Florida Department of Transportation and local governments.

If you have any questions, please call Marie G. Lacroix at (561)681-6731, or email your inquiry to Marie.Lacroix@dep.state.fl.us.

THIS SPACE IS INTENTIONALLY LEFT BLANK

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Mr. Christopher Johnson, Senior Environmental Project Manager
Cumberland Farms, Inc.
Permit Number: FLG914755
Page 3

EXECUTION AND CLERKING:

Executed in West Palm Beach, Florida.
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



March 26, 2018

John Kent Edwards
Environmental Administrator

Date

JKE/ML

Attachments:

Discharge Monitoring Report (DMR) Form
Notice of Rights
Report of Noncompliance
Generic Permit for Discharges from Petroleum Contaminated Sites

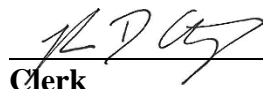
CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this permit and all copies were sent on the filing date below to the following listed persons:

ec: Luis A. Garcia, GES email to: Lgarcia@GESonline.com
Scott W. Wojcicki GES email to: SWojcicki@GESonline.com
Larry Ritchie, FDOT/TLH email to: larry.ritchie@dot.state.fl.us
FDEP/SED: Diane Pupa, Kent Edwards, Marie Lacroix.

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

March 26, 2018
Date

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

Treated Groundwater Discharge (Weekly)

WHEN COMPLETED MAIL THIS REPORT TO: Department of Environmental Protection (Division of Water Facilities)

Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Rd, Tallahassee FL 32399-2400

PERMITTEE NAME: Mr. Christopher Johnson, Senior Environmental Project Manager

MAILING ADDRESS: 165 Flanders Road
Westborough, MA 01581

FACILITY: Cumberland Farms- Fort Lauderdale, Sunrise Blvd., Upgrading Dewatering Discharge

LOCATION: 333 E. Sunrise Blvd, Fort Lauderdale, Florida 33304

COUNTY: Broward County

PERMIT NUMBER: FLG914755

MONITORING PERIOD--From:

LIMIT: Final

FACILITY ID: FLG914755

GMS ID NO.: N/A

DISCHARGE POINT NUMBER: D-001

PLANT SIZE/TREATMENT TYPE:

FILE NUMBER: FLG914755-001-IWPT/GE

To:

Report: Monthly

GROUP: IW

GMS TEST SITE NO: N/A

WAFR SITE NO.: 128377

NO DISCHARGE FROM SITE: ☐

Please read instructions before completing this form.

Parameter		Quantity or Loading			Quality or Concentration			No. Ex.	Frequency of Analysis	Sample Type
		Avg.	Max.	Units	Min.	Avg.	Max.			
Flow	Sample Measurement				*****	*****	*****	*****		
STORET No. 50050 Mon. Site No. EFF-01	Permit Requirement	Report Daily Avg.	Report Daily Max.	MGD	*****	*****	*****	*****		Continuous Flowmeter
Benzene	Sample Measurement	*****	*****	*****	*****	*****				
STORET No. 34030 Mon. Site No. EFF-01	Permit Requirement	*****	*****	*****	*****	*****	1.0 Daily Max.	µg/L		One (1) Time Per Week Grab
Naphthalene	Sample Measurement	*****	*****	*****	*****	*****				
STORET No. 34696 Mon. Site No. EFF-01	Permit Requirement	*****	*****	*****	*****	*****	100.0 Daily Max.	µg/L		One (1) Time Per Week Grab
Total Recoverable Lead * (* see footnote 1 below)	Sample Measurement	*****	*****	*****	*****	*****				
STORET No. 01114 Mon. Site No. EFF-01	Permit Requirement	*****	*****	*****	*****	*****	30.0 Daily Max.	µg/L		One (1) Time Per Week Grab
pH	Sample Measurement	*****	*****	*****		*****				
STORET No. 00400 Mon. Site No. EFF-01	Permit Requirement	*****	*****	*****	6.0 Daily Min.	*****	8.5 Daily Max.	standard units		One (1) Time Per Week Grab or Continuous

- Footnotes:
1. * Sampling is required only if groundwater may be contaminated by leaded fuels.
 2. The WAFR site no. for effluent sampling (EFF-01) at the air stripper discharge is 128377

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on 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 Principal Executive Officer or Authorized Agent (Type or Print)	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (yy/mm/dd)

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

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

The DMR consists of only one (1) page.

Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be typed or printed in ink.

In addition to filling in numerical results on various parts of the DMR, the following codes should be used and an explanation provided where appropriate. Note: Codes used by the lab for raw data may be 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 since limit is conditional.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.
TNTC	Too numerous to count (for fecal coliform bacteria only).

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. 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.
3. 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 blanks in the header should be completed by the permittee or authorized representative:

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. If there was no discharge of effluent for a particular outfall, reuse, or land application system and the DMR 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. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.). (SEE APPENDIX A)

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter. 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.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

NOTICE OF RIGHTS

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 of the 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.

Petitions by the applicant or any of the parties listed below must be filed within fourteen (14) days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3) of the Florida Statutes must be filed within fourteen (14) days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first.

Under Section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen (14) 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 within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 of the 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 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the Department permit identification number and the county in which the subject matter or activity is located;
- (b) A statement of how and when each petitioner received notice of the Department action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department action;
- (d) A statement of the material facts disputed by the petitioner, if any;
- (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- (f) A statement of which rules or statutes the petitioner contends require reversal or modification of the Department action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Notice of Rights (cont'd)

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 of the Florida Statutes is not available for this proceeding.

This action is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above. Upon the timely filing of a petition this order will not be effective until further order of the Department.

Any party to the order has the right to seek judicial review of the order under Section 120.68 of the Florida Statutes, by the filing of a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, 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 thirty (30) days from the date when the final order is filed with the Clerk of the Department.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

REPORT OF NONCOMPLIANCE

The permittee shall report to the Department 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 untreated or treated 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 Department by calling the STATE WARNING POINT 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 Warning Point:
 - (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.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Report of Non-Compliance (cont'd)

2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's Southeast District/Southeast District Branch 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/Southeast District Branch Office shall waive the written report.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERIC PERMIT

FOR

DISCHARGES FROM PETROLEUM

CONTAMINATED SITES

Facility Name: Cumberland Farms- Fort Lauderdale, Sunrise Blvd./ Broward County
Coverage under Generic Permit No.: FLG914755

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Generic Permit for Discharges From Petroleum Contaminated Sites

(1) Effluent Limitations and Monitoring Requirements for Existing Sources and New Dischargers.

- (a) Contamination by Automotive Gasoline. The facility is authorized to discharge treated ground water and storm water that has been contaminated by automotive gasoline. These contaminated waters shall be treated by air stripping, followed by activated carbon adsorption, if necessary, or equivalent treatment to meet the following effluent limitations. Such discharges shall be limited and monitored by the permittee as specified in Table 1:

Table 1

	Effluent Limitations		Monitoring Requirements	
Effluent Characteristic	Daily Average	Daily Maximum	Measurement Frequency	Sample Type
Flow, (MGD)	Report	Report	Continuous	Flowmeter
Benzene, µg/L	-----	1.0	1/month	Grab
* Total Lead µg/L	-----	30.0	1/month	Grab
pH, Standard Units	See Paragraph (1)(a)2.			Grab or Continuous
Acute Whole Effluent Toxicity	See Paragraph (1)(a)1. and Paragraph (2)(b)			Grab

* Monitoring for this parameter is required only when contamination results from leaded fuel.

1. An LC₅₀ of 100% or less in a test of 96 hours duration or less shall constitute a violation of Rule 62-4.244(3)(a), F.A.C., and the terms of this permit. The testing for this requirement must conform with Rule 62-621.800, F.A.C.
2. For fresh waters and coastal waters, the pH of the effluent shall not be lowered to less than 6.0 units for fresh waters, or less than 6.5 units for coastal waters, or raised above 8.5 units, unless the permittee submits natural background data in the NOI request confirming a natural background pH outside of this range. If natural background of the receiving water, as revealed by sampling data from the permittee in the NOI request, is determined to be less than 6.0 units for fresh waters, or less than 6.5 units in coastal waters, the pH shall not vary below natural background or vary more than one (1) unit above natural background for fresh and coastal waters. If natural background of the receiving water, as revealed by sampling data from the permittee in the NOI request, is determined to be higher than 8.5 units, the pH shall not vary above natural background or vary more than one (1) unit below natural background of fresh and coastal waters. The acceptable pH range shall be included in the letter granting permit coverage and on the DMR. The pH shall be monitored once every month by grab sample, or continuously with a recorder. For purposes of this

Generic Permit for Discharges From Petroleum Contaminated Sites

section only, fresh waters are those having a chloride concentration of less than 1500 mg/L, and coastal waters are those having a chloride concentration equal to or greater than 1500 mg/L.

3. In accordance with Rule 62-302.500(1)(a-c), F.A.C., the discharge shall at all times be free from floating solids, visible foam, turbidity, or visible oil in such amounts as to form nuisances on surface waters.
4. Samples taken in compliance with the monitoring requirements specified above shall be taken at the nearest accessible point after final treatment but prior to actual discharge or mixing with the receiving waters.

- (b) Contamination by Aviation Gasoline, Jet Fuel or Diesel Fuel. The permittee is authorized to discharge treated ground water and storm water that has been contaminated by aviation gasoline, jet fuel or diesel fuel. These contaminated waters shall be treated by air stripping, followed by activated carbon adsorption, if necessary, or equivalent treatment to meet the following effluent limitations. Such discharges shall be limited and monitored by the permittee as specified in Table 2:

Table 2

Effluent Characteristic	Effluent Limitations		Monitoring Requirements	
	Daily Average	Daily Maximum	Measurement Frequency	Sample Type
Flow, (MGD)	Report	Report	Continuous	Flowmeter
Benzene, µg/L	-----	1.0	1/month	Grab
Naphthalene, µg/L	-----	100.0	1/month	Grab
* Total Lead µg/L	-----	30.0	1/month	Grab
pH, Standard Units	See Paragraph (1)(b)2.			Grab or Continuous
Acute Whole Effluent Toxicity	See Paragraph (1)(b)1. and Paragraph (2)(b)			Grab

* Monitoring for this parameter is required only when contamination results from leaded fuel.

1. An LC₅₀ of 100% or less in a test of 96 hours duration or less shall constitute a violation of Rule 62-4.244(3)(a), F.A.C., and the terms of this permit. The testing for this requirement must conform with Rule 62-621.800, F.A.C.
2. The permittee shall comply with the same pH requirements as specified in paragraph (1)(a)2., of this permit. The pH shall be monitored once every month by grab sample, or continuously with a recorder.

Generic Permit for Discharges From Petroleum Contaminated Sites

3. In accordance with Rule 62-302.500(1)(a-c), F.A.C., the discharge shall at all times be free from floating solids, visible foam, turbidity, or visible oil in such amounts as to form nuisances on surface waters.
4. Samples taken in compliance with the monitoring requirements specified above shall be taken at the nearest accessible point after final treatment but prior to actual discharge or mixing with the receiving waters.

(c) Short term discharges.

1. If benzene, naphthalene, or total lead concentrations indicative of contamination from petroleum fuels are known to be present as a result of site assessment, and the discharge will occur for thirty (30) days or less, the permittee shall comply with the applicable effluent limitations and monitoring requirements shown in Table 3:

Table 3

Effluent Characteristic	Effluent Limitations		Monitoring Requirements	
	Daily Average	Daily Maximum	Measurement Frequency	Sample Type
Flow, (MGD)	Report	Report	Continuous	Flowmeter
Benzene, µg/L	-----	1.0	1/week	Grab
Naphthalene, µg/L	-----	100.0	1/week	Grab
* Total Lead µg/L	-----	30.0	1/week	Grab
pH, Standard Units	See Paragraph (1)(a)2.			Grab or Continuous

* Monitoring for this parameter is required only when contamination results from leaded fuel.

- a. For discharges that last for less than one week, daily monitoring shall be required for the applicable parameters.
 - b. Discharge Monitoring Reports shall be submitted to the Department within thirty (30) days after termination of the discharge, along with a letter stating that discharge has ceased.
 - c. Coverage under paragraph (1)(c)1. is limited to a total of 30 days of discharge.
2. If benzene, naphthalene, or total lead concentrations indicative of contamination from petroleum fuels are known to be present as a result of site assessment, and the discharge is for a pump test to characterize the aquifer and will last for eight (8) hours or less, the discharge is covered under this generic permit if the following conditions are met:

Generic Permit for Discharges From Petroleum Contaminated Sites

- a. The effluent limitations shown in Table 3 are met.
 - b. A Discharge Monitoring Report is sent to the Department within thirty (30) days after termination of the discharge.
 - c. Coverage under paragraph (1)(c)2. is limited to a total of eight (8) hours of discharge.
3. Applicants who wish to be covered under the provisions of paragraph(1)(c)1 or 2 but have not had the site assessed, may obtain coverage only if the reported values for the parameters listed in Table 4 do not exceed any of the listed screening values. Before discharge can occur, analytical tests on untreated samples of the ground water shall be performed for the parameters listed in Table 4:

Table 4

Parameter	Screening Values for Discharge into:	
	Fresh Waters	Coastal Waters
Total Organic Carbon (TOC)	10.0 mg/L	10.0 mg/L
pH, standard units	6.0-8.5	6.5-8.5
Total Recoverable Mercury	0.012 µg/L	0.025 µg/L
Total Recoverable Cadmium	9.3 µg/L	9.3 µg/L
Total Recoverable Copper	2.9 µg/L	2.9 µg/L
Total Recoverable Lead	0.03 mg/L	5.6 µg/L
Total Recoverable Zinc	86.0 µg/L	86.0 µg/L
Total Recoverable Chromium (Hex.)	11.0 µg/L	50.0 µg/L
Benzene	1.0 µg/L	1.0 µg/L
Naphthalene	100.0 µg/L	100.0 µg/L

- a. If any of the analytical test results exceed the screening values in Table 4, except TOC, benzene, naphthalene, and lead, then discharge is not authorized by this permit.
- b. For initial TOC values that exceed the screening values listed in Table 4, which may be caused by naturally-occurring, high molecular weight organic compounds, the permittee may request to be exempted from the TOC requirement. To request this exemption the permittee shall submit additional information with an NOI which describes the method used to determine that these compounds are naturally occurring.
- c. If levels of benzene, naphthalene, or lead are detected in amounts that exceed the screening values listed in Table 4, which indicate contamination from petroleum fuels, the facility may proceed in accordance with paragraph (1)(c)1 or 2.

(2) Other permit requirements.

- (a) Within sixty (60) days after the effective date of this permit or start-up of discharge, the permittee shall submit the results of the following analyses. These analyses are not required for short term dischargers covered under paragraph (1)(c). These analyses shall be performed on a representative sample of the ground water effluent discharge, taken after final treatment.

The following analyses are required one time only during the coverage of this permit:

1. EPA Method 625 - Acid and Base/Neutral Extractable Organics
2. EPA Method 624 - Purgeable Organics

- (b) Within thirty (30) days after commencement of discharge, permittees, other than those seeking coverage under paragraph (1)(c), shall test for acute toxicity as provided for in Rule 62-621.800, F.A.C., to evaluate whole effluent toxicity of the discharge from the outfall. If more than one (1) outfall exists, separate tests shall be performed on each outfall.
- (c) If the pH is monitored continuously, the pH values shall not deviate outside the required range more than 1% of the time in any calendar month; and no individual excursion shall exceed sixty (60) minutes. An "excursion" is an unintentional and temporary incident in which the pH value of discharge wastewater exceeds the range set forth in this permit.
- (d) All of the general conditions listed in Rule 62-621.250, F.A.C., are applicable to this generic permit.
- (e) A Best Management Practices (BMP) Plan shall be prepared in accordance with Rule 62-621.700, F.A.C., and in conjunction with development of the Remedial Action Plan required by the Department.
- (f) The permittee shall notify the Department in writing within thirty (30) days after the permanent termination of discharge to surface waters from the facility.

(3) Test Procedures.

- (a) In performing analyses for dissolved constituents in surface and ground waters, the permittee shall use the guidelines recommended and described in Rules 62-770.600(8)(a-d), F.A.C.
- (b) If the petroleum contamination is from a petroleum fuel in which the source of contamination has not been identified, the ground water shall be analyzed using the

Generic Permit for Discharges From Petroleum Contaminated Sites

recommended methods listed below for the following parameters as described in Rule 62-770.600(8)(c)1, F.A.C.:

1. Lead - EPA Method 239.2 or Standard Method 304;
 2. Priority Pollutant Volatile Organics - EPA Method 624;
 3. Priority Pollutant Extractable Organics - EPA Method 625; and
 4. Non-Priority Pollutant Organics (with GC/MS Peaks greater than 10 ppb) - EPA Methods 624 & 625.
- (4) Reporting of Monitoring Results. Monitoring results obtained for each calendar month shall be summarized and reported on a Discharge Monitoring Report (DMR) form (DEP form 62-620.910(10)), once each month. Unless stated otherwise, these forms shall be submitted after each calendar quarter and postmarked no later than the 28th day of the month following the completed calendar quarter. For example, data for January - March shall be submitted by April 28. Calendar quarters are January-March, April-June, July-September and October-December. Signed copies of these and all other reports required by this permit shall be submitted to the Department at the following address:

Department of Environmental Protection
Bureau of Water Facilities Planning and Regulation
Water Facilities Regulation Section, MS #3551
2600 Blair Stone Road
Tallahassee, FL 32399-2400

If no discharge occurs during the reporting period, sampling requirements of this permit do not apply. The statement "No Discharge" shall be written on the DMR form.

(5) Application Requirements

- (a) Unless stated otherwise, all dischargers seeking coverage under this generic permit are required to submit a Notice of Intent (NOI) to the appropriate Department district office. The NOI shall include:
1. The name and address of the person that the permit coverage will be issued to;
 2. The name, and address of the operation, including county location;
 3. Any applicable individual wastewater permit number(s);
 4. If applicable, the identification of any new discharge location not contained in the expired permit;

Generic Permit for Discharges From Petroleum Contaminated Sites

5. Evidence that the operation has obtained approval of a Remedial Action Plan (RAP) Order from the Department;
 6. A map showing the facility and discharge location (including latitude and longitude);
 7. The name of the receiving water; and
 8. A Pollution Prevention Plan prepared in accordance with paragraph (6) of this permit, for discharges lasting over one (1) year.
- (b) Dischargers who have not previously obtained an individual wastewater permit are required to submit the NOI at least thirty (30) days before the discharge is to begin.
- (c) Dischargers with current individual wastewater permits that desire coverage under this generic permit are required to file an NOI with the Department at least thirty (30) days prior to expiration of their current permit(s).
- (d) Facilities seeking coverage under paragraph (1)(c)1 of this permit shall be required to submit to the Department the date the discharge is expected to cease, results of the analytical data required under paragraph (1)(c)3, if applicable, and the same information in paragraph (5)(a), except items (5)(a)3, 4, 5, and 8. Notification of coverage to discharge will be upon receipt of a letter from the Department acknowledging short-term coverage. The Department shall process requests for short-term coverage pursuant to the provisions of Rule 62-620.510(1)-(5), F.A.C. The Department shall render a decision as to whether to grant or deny coverage within 30 days after the Department has received all of the information necessary to make the application complete. If this time schedule is not met, the applicant may apply for an order from the circuit court requiring the Department to render a decision within a specified time. Discharge may not begin until the applicant receives this letter from the Department.
- (e) For facilities seeking coverage under paragraph (1)(a) or (b) of this permit, notification of coverage shall be given by the Department by certified mail to the permittee, with the issuance date for each facility being the effective date of coverage by the Department. The Department shall process requests for coverage pursuant to the provisions of Rule 62-620.510(1)-(5), F.A.C. The Department shall render a decision as to whether to grant or deny coverage within 30 days after the Department has received all of the information necessary to make the application complete. If this time schedule is not met, the applicant may apply for an order from the circuit court requiring the Department to render a decision within a specified time. Discharge may not begin until the applicant receives the notice of coverage.
- (f) Facilities seeking coverage under paragraph (1)(c)2 of this permit, shall be covered automatically once the facility receives acceptable ground water screening values, if applicable.

Generic Permit for Discharges From Petroleum Contaminated Sites

- (g) Coverage under this generic permit is limited to a term not to exceed five years from the effective date of coverage. Permittees may request continued coverage under this generic permit by submitting a complete NOI in accordance with paragraph (5)(a) to the Department district office. Requests for continued coverage shall be made at least 180 days before expiration of the current coverage.
- (h) Annual regulatory program and surveillance fees are required for all facilities that discharge in excess of thirty (30) days during the life of this permit. The fees are due in accordance with Rule 62-4.052, F.A.C.
- (6) Pollution Prevention Plan. New permittees with long term treatment systems expected to discharge one (1) year or more shall develop a Pollution Prevention Plan for the site and submit it with the NOI. It shall contain the following information:
 - (a) A narrative of what caused the ground water contamination.
 - (b) Methods currently being deployed at the site to prevent ground water contamination from reoccurring.
 - (c) Other alternative treatment options which were considered in reducing the ground water contamination.
 - (d) Explanation of why long term treatment of discharge to surface waters of the State was chosen as opposed to:
 - 1 An in situ ground water remediation technique which does not involve recovery of contaminated water;
 - 2. An alternative means of discharge or disposal of treated ground water, such as re-infiltration on site; or,
 - 3. Using a limited scope clean up strategy which involves short term ground water recovery followed by monitoring-only at the site.

In an effort to promote pollution prevention, the Department may issue permits which include or require pollution prevention activities.



Environmental Protection and Growth Management Department
ENVIRONMENTAL ENGINEERING AND PERMITTING DIVISION
1 North University Drive, Mailbox 201, Plantation, Florida 33324 • 954-519-1483 • FAX 954-519-1412

July 17, 2018

Mr. Christopher Johnson, P.G.
Cumberland Farms, Inc.
165 Flanders Road
Westborough MA 01581

**RE: Approval for Construction Dewatering Activity
UST and Canopy Footers Installation, Proposed Cumberland Farms Property
333 East Sunrise Boulevard (aka 317 Northeast 10th Street), Fort Lauderdale
Broward County Dewatering Project ID 18344942**

Dear Mr. Johnson:

The Environmental Engineering and Permitting Division (Division) has reviewed the Dewatering Plan (Dewatering Plan), dated and received July 9, 2018, submitted by Groundwater Environmental Services, Inc. (GES). The Dewatering Plan was submitted to evaluate the impact of construction dewatering on pollutant migration, as required by Section 27-355(4), Broward County Code (the Code).

The Division hereby approves the referenced Dewatering Plan. This approval is based upon and subject to the following conditions:

1. The Dewatering Plan proposed is specific to the installation of underground storage tanks and canopy footers at the referenced location.
2. The dewatering depths (a maximum water table depression of 12.5 feet) and duration (a maximum duration of 14 days) are approved as proposed and should not be exceeded. In the event that it becomes necessary to exceed the approved scope of work, you must contact this office immediately for approval. Please be advised that additional permits that are outside the scope of this review may be required by other regulatory authorities and must be obtained prior to commencing dewatering activities.
3. The technical review performed by the Division is limited to the investigation of the possibility of contaminant plume migration from the following nearby contaminated sites:

Site No. 2625: Former Germain Auto Sales, 1025 NE 5th Ave., Ft. Lauderdale; FDEP Facility ID 069804273

Site No. 1049B: Sears Auto Repair and Tire Center, 901 N. Federal Hwy., Ft. Lauderdale; FDEP Facility ID 068626157

4. Upon discovery of previously undocumented contamination in wellpoints, on the exposed water table, or in excavated soils, whether by the presence of staining, free product, or by receipt of any available analytical results exceeding applicable Cleanup Target Levels (CTLs) of Chapter 62-777, Florida Administrative Code (F.A.C.), the Division will be notified and dewatering activities shall cease immediately. Similarly, if any available analytical results indicate that dewatering discharge (effluent) contains contaminants at concentrations exceeding applicable Groundwater CTLs of Chapter 62-777, F.A.C., the Division shall be notified and dewatering activities shall cease immediately. If contamination is discovered to have been caused, exacerbated, or spread a result of dewatering at the referenced project, Cumberland Farms, Inc., agrees to conduct, with the property owner's permission, site investigations to ascertain the degree of the contamination and, based upon the results of such investigations, ensure

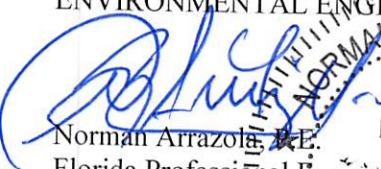
cleanup of the contamination to the extent required by existing regulations. Costs of site investigations and cleanup of the contamination, if required, shall be borne by Cumberland Farms, Inc.

5. Effluent is to be monitored for the purposes of ensuring compliance with applicable turbidity standards. The Dewatering Plan indicates that certain preventative measures will be employed (sedimentation tank, bag filters) during these dewatering activities to ensure that applicable water quality standards are met. Should the water quality standards be exceeded, the Division shall be notified and dewatering activities shall cease immediately.
6. Please note that the Division requires advance written notification a minimum of three (3) days prior to the initiation of dewatering operations (email or facsimile is adequate).
7. A Dewatering Report is to be submitted to the Division within thirty (30) days of completing the activities approved herein. The Dewatering Report should contain a summary of all activities and groundwater monitoring results in tabular form.

As acceptance of these conditions, please sign, notarize, and return page 3 of the Dewatering Approval. If you do not agree to the terms of this Conditional Approval, please notify this office in writing within 3 working days of receipt. If you have any questions or require additional information, please contact the undersigned at (954) 519-1237 or narrazola@broward.org.

Sincerely,

ENVIRONMENTAL ENGINEERING AND PERMITTING DIVISION


Norman Arrazola, P.E.
Florida Professional Engineer No. 46538
Broward County Environmental Engineering and Permitting Division

Date

cc: David Vanlandingham, P.E., Engineer Unit Supervisor
Ashok Raichoudhury, P.E., Broward County Development and Environmental Regulation Division
Luis A. Garcia, P.E., GES

I, _____, do hereby agree to the terms and conditions of the Dewatering Plan Approval Letter, as specified in the preceding pages 1 and 2 and in the Code (for and on behalf of Company, signed by an authorized representative).

(signature and title)

STATE OF FLORIDA
COUNTY OF _____

Subscribed and sworn to (or affirmed) before me this day,

(Date) _____

by _____, who (Check one):

___ is personally known to me OR

___ has produced _____ as identification.
(type of identification)

(signature of Notary) Commission No.

(SEAL ABOVE)

(name of Notary typed, printed or stamped)

August 8, 2018

Mr. Jean-Brucely A. Joseph
Permits Coordinator
Broward County
5548 NW 9th Avenue
Fort Lauderdale, Florida 33309

Re: Dewatering Permit Application
Broward County Stormwater Inlets on Sunrise Blvd.
Proposed Cumberland Farms Property – Fort Lauderdale Sunrise Blvd
333 East Sunrise Blvd (NWC of Sunrise Blvd & NE 4th Ave)
Fort Lauderdale, Broward County, Florida

Mr. Brucely:

Cumberland Farms plans to build a new convenience store complete with an underground storage tank (UST) system at 333 East Sunrise Blvd (NWC of Sunrise Blvd & NE 4th Ave), Fort Lauderdale, FL. The construction work is currently scheduled to begin in September 2018. In order to provide for a safe and quality installation, it is proposed to locally depress the water table in the work area with a dewatering system. The following options for discharge of the dewatering effluent were considered:

- Containerization and off-site disposal.
- Treatment and discharge into stormwater drainage system.

Based on an estimated flow rate of 513 gallons per minute (gpm) and the volume of water generated during the dewatering activities, the option of containerization and off-site disposal of the effluent is not possible as there are neither facilities nor sufficient tanker vehicles available to accommodate this volume of liquid.

As such, Cumberland Farms is seeking approval to discharge the treated groundwater to the Florida Department of Transportation (FDOT) stormwater inlets located in the right-of-way of NE 4th Avenue. An NPDES Generic Permit application was submitted to the FDEP and was assigned permit number FLG-914755-001-IWPT/GE. A dewatering plan was submitted to the Broward County Department of Environmental Protection and Growth Management (BCEPGMD) and was approved in a letter dated July 17, 2018 and was assigned a project ID number 18344992. A South Florida Water Management District (SFWMD) dewatering permit is being applied for concurrently with this permit.

On behalf of Cumberland Farms, Groundwater & Environmental Services, Inc. (GES) has assembled the enclosed permit application. The enclosed permit application includes the following items:

- An FDOT District Four General Use Permit form executed by an authorized representative (**Attachment A**);
- The NPDES Permit Approval and BCEPGMD approval letter (**Attachment B**);

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

- Dewatering Flow Rate Calculations (UST Field) (**Attachment C**);
- Description of Surface Water Pumps (**Attachment D**);
- System Process Flow (**Attachment E**);
- **Table 1** summarizes the groundwater quality data.
- **Figure 1**, Site location Map
- **Figure 2**, Site Map
- **Figure 3**, Local Area Map, Area of Planned Dewatering, illustrates the area to be dewatered and the FDOT stormwater inlet structure proposed to receive the discharge. The connection to the FDOT stormwater sewer system inlet will be made by placing an 8-inch diameter flat hose into the basin inlet.
- **Figure 4**, illustrates a schematic of the dewatering process.

In addition, the following information is provided:

- The proposed FDOT facility is the stormwater conveyance system located along NE 4th Avenue.
- The stormwater conveyance system discharges into South Fork Middle River located approximately 1 mile northwest of the site.
- The proposed dewatering operation will last between seven and fourteen days. Dewatering will be needed for the safe installation of the USTs and for the footers installed for the station canopy system.
- The maximum pumping rate is anticipated to be 513 gallons per minute.

Groundwater will be recovered from excavations (as required to install footers and the UST system) at a flow rate of up to 513 gpm. Recovered groundwater will be pumped from the excavation via a well point system and directed to a sedimentation/holding tank (18,000 gallon fractionation [frac] tank) to facilitate sedimentation of suspended solids. Groundwater in the frac tank will be pumped through a series of bag filters. Following filtration, the process stream will be directed to the nearest catch basin either onsite or on NE 4th Avenue. The water will be discharged to accommodate discharge standards established by the FDEP pursuant to Table 1, Chapter 62-621.300(2), FAC and Table 1, Chapter 62-777, FAC.

If you have any question, please do not hesitate to contact Luis Garcia (extension 3216) or Scott Wojcicki (extension 3318) at (866) 565-7650. We greatly appreciate your time and attention.

Sincerely,
Groundwater & Environmental Services, Inc.



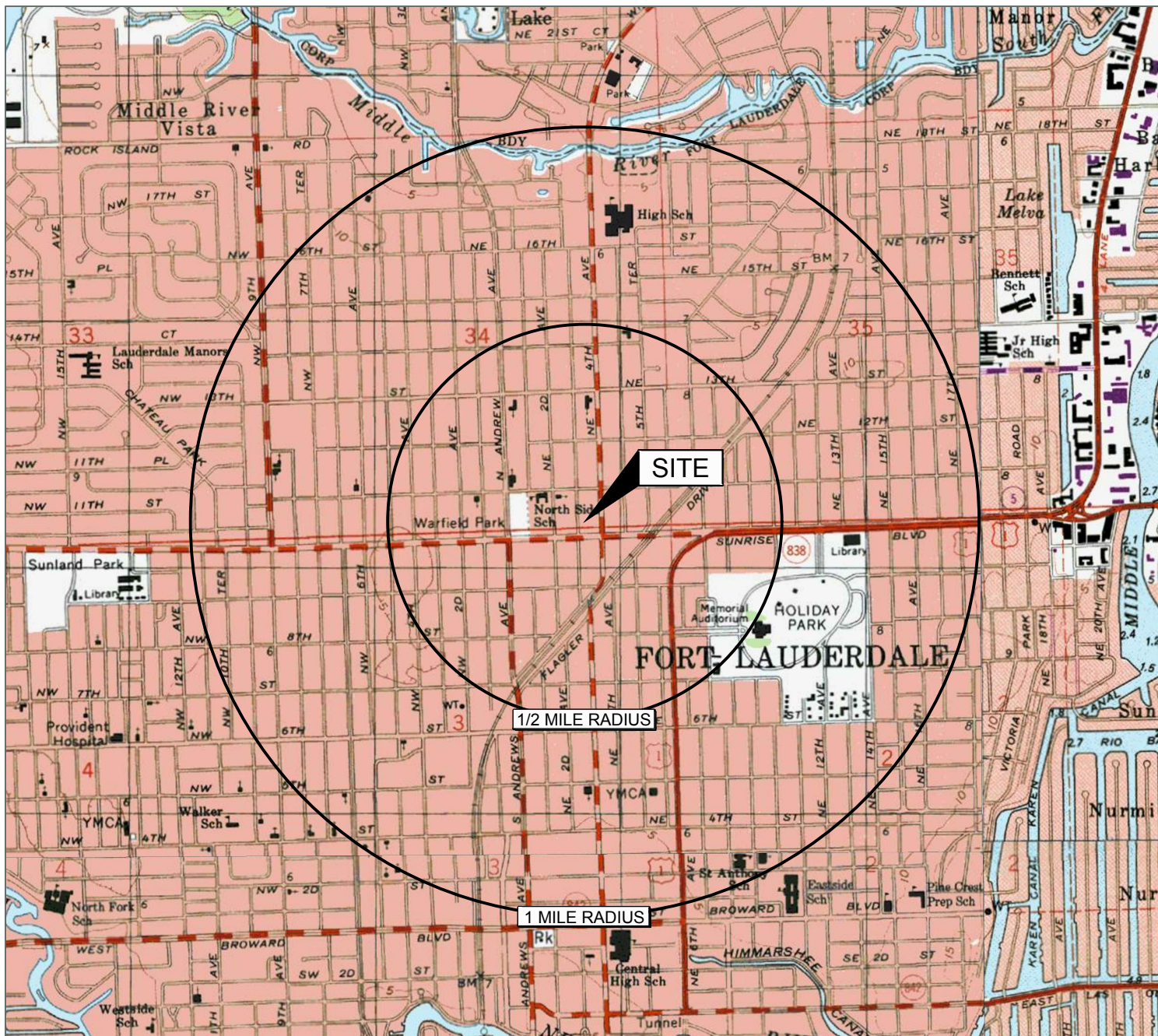
Luis A. Garcia, P.E.
Staff Engineer
LGarcia@GESonline.com

Scott W. Wojcicki
Senior Project Manager
SWojcicki@GESonline.com

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2018-K-491-00127
Imhotep Duncanson
12/11/2018

FIGURES

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2018-K-491-00127
Imhotep Duncanson
12/11/2018



Source:
USGS 7.5 Minute Series
Topographic Quadrangle, 1995
Fort Lauderdale North, Florida
Contour Interval = 5'



Quadrangle Location
LAT. 026° 08' 14.53" N
LONG. 080° 08' 27.53" W
(Approximate Site Coordinates)

Site Location Map

Cumberland Farms, Inc.
Proposed Location - Fort Lauderdale
Sunrise Boulevard & NE 4th Avenue
Fort Lauderdale, Florida

Drawn
W.A.W.
Designed
Approved



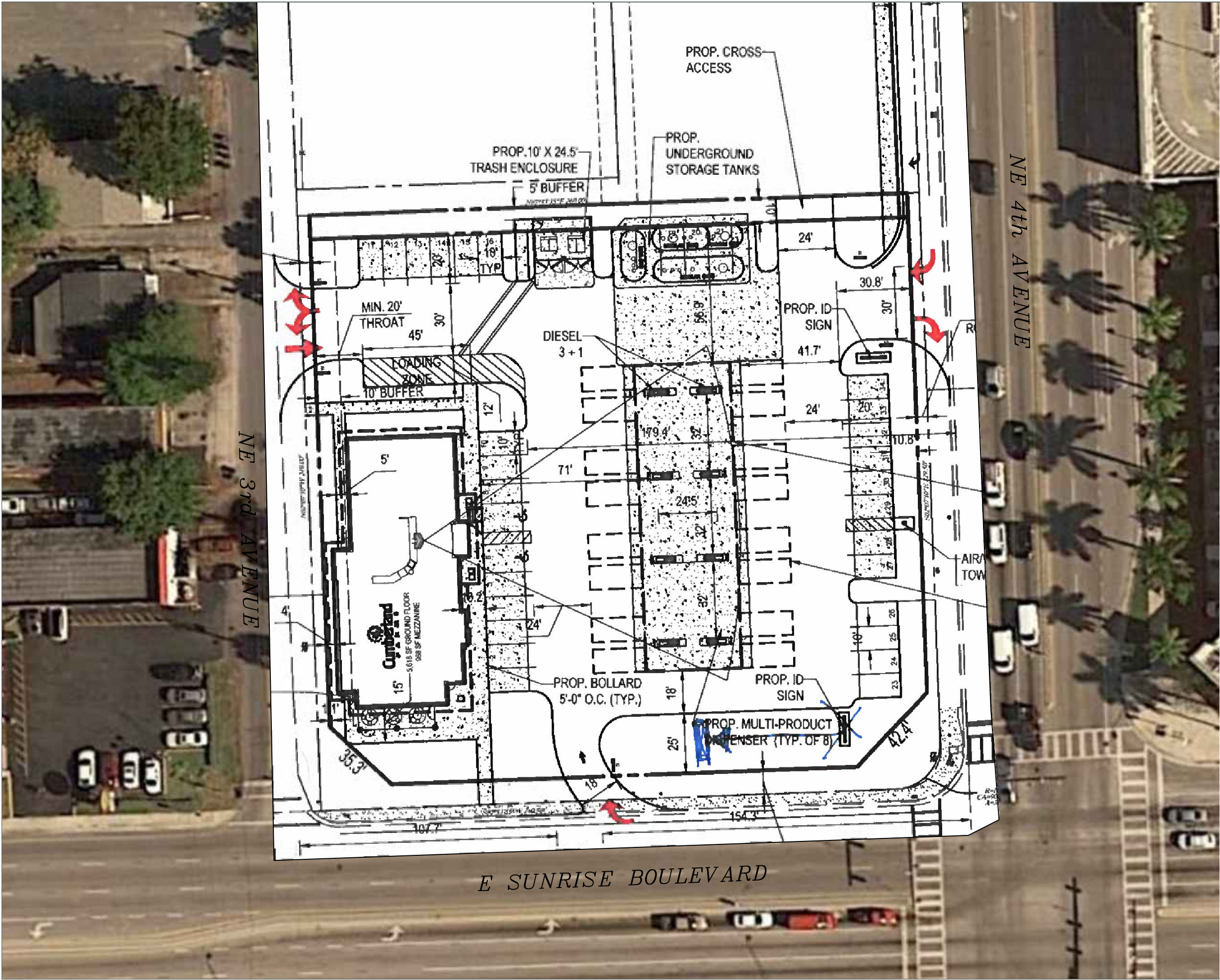
Scale in Feet



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2018-K-481-00127
Incorporation
Groundwater & Environmental Services, Inc.

Date
02/21/18
Figure
1

M:\Graphics\2800-Fort_Lauderdale\Cumberland Farms\Fort Lauderdale (sunrise & 4th)\Fort Lauderdale (sunrise & 4th) SM.dwg, B-40, 2/21/2018 3:01:38 PM, wwestertund



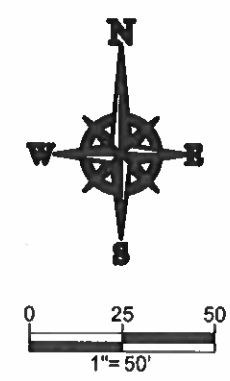
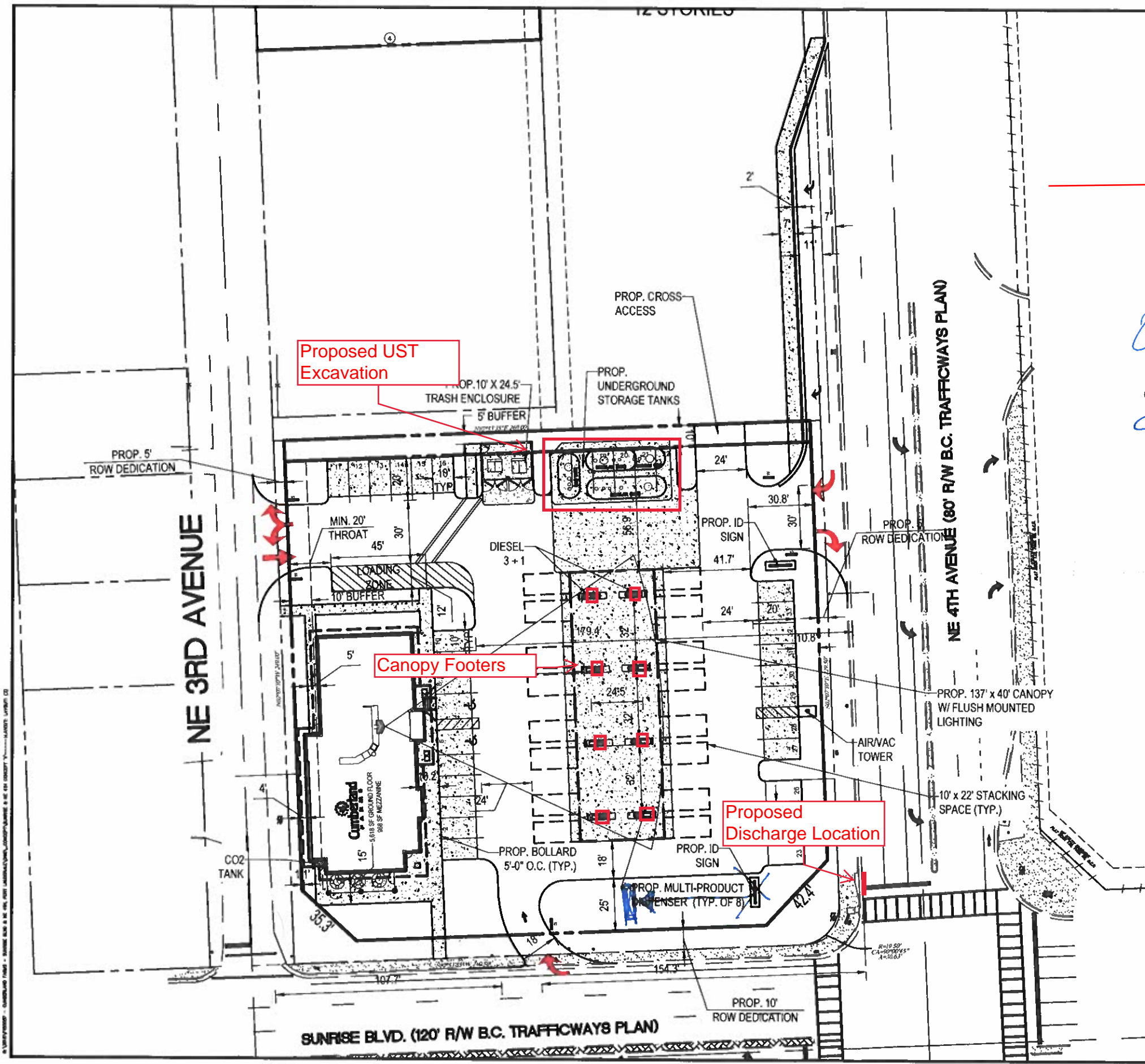
LEGEND

--- APPROXIMATE PROPERTY BOUNDARY

SOURCE:

BASED ON SITE MAP PREPARED BY THOMAS ENGINEERING TITLED CONCEPT "C" BORING LOCATIONS, UNDATED

Site Map	
Cumberland Farms, Inc. Proposed Location - Fort Lauderdale Sunrise Boulevard & NE 4th Avenue Fort Lauderdale, Florida	
Drawn W.A.W. Designed Approved	Date 02/21/18 Figure 2
 Scale In Feet (Approximate) 0 20 40  Groundwater & Environmental Services, Inc.	



*Ok. J. Shoji 2/6/18
OK then 2/6/18
on 2/6/18*

SITE AREA:
63,786 SF (1.46 AC)

PARKING REQUIRED:
1 SPACE PER 150 S.F. (GFA)
GFA = 6,568 S.F.
REQUIRED = 37 SPACES
PROVIDED = 34 SPACES + 7 AT PUMPS = 41 PROVIDED

SITE PLAN APPROVAL	
PREPARED BY _____	DATE _____
SENIOR MGR. OF NEW DEV. & CONST. SERVICES	DATE _____
VP OF MARKETING	DATE _____
LAND PLANNING MANAGER	DATE _____
SENIOR VICE PRESIDENT OF STORE OPERATIONS	DATE _____
PRESIDENT/CHIEF OPERATING OFFICER	DATE _____
FORT LAUDERDALE, FL	
TOWN & STATE	
NEW	
STORE, STATION, PROPERTY	
01-11-18	
SITE PLAN REV. & DATE	
5,618 SQ. FT.	
BUILDING GROSS SQ. FOOTAGE	
PROP. (1) 20k, (1) 12k,	
(1) 8k& (1) 10K	
IN GROUND TANK SIZES	
O/S APRR. LOW	O/S APRR. LOW
DIRECTOR OF CONST	LAND PLAN MGR
DYES	DYES
CNO	CNO
NPV REQ'D	NPV REQ'D
UP STR OPS	PRES/COO
DYES	DYES
CNO	CNO



REVISIONS			
REV.	DATE	COMMENT	BY

NOT APPROVED FOR CONSTRUCTION

PROJECT NO. _____
DRAWN BY: _____
CHECKED BY: _____
DATE: 01-11-18
SCALE: AS NOTED
CAD ID: SURPRISE & NE 4TH CONCEPT 'V'


PROJECT: _____

SUNRISE BLVD. & NE 4TH AVENUE SITE

FOR: _____

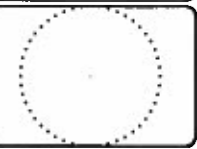
CUMBERLAND FARMS

FORT LAUDERDALE



THOMAS
ENGINEERING GROUP

RADIOS III
1000 CORPORATE DRIVE, SUITE 250
FORT LAUDERDALE, FL 33334
Ph: (954) 305-7000
Fax: (954) 305-7070
www.ThomasEngineeringGroup.com



SHEET TITLE

CONCEPT 'V'

Approved

2018-K-491-00127

Imhotep Duncanson

12/11/2018

TABLES

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

TABLE 1
GROUNDWATER ANALYTICAL SUMMARY
 CHAPTER 62-621.300(2) TABLE 1 SCREENING VALUES

Facility Name : Proposed Cumberland Farms Property - Fort Lauderdale Sunrise Blvd
Facility Address: 333 E Sunrise Blvd & NE 4th Ave, Fort Lauderdale, FL (NWC Sunrise Blvd & NE 4th Ave)
FDEP No. : NA

Total Recoverable Metals	B-7	Standard	Standard
Sample Date	07-15-17	Fresh Waters	Coastal Waters
Mercury	0.0441	0.012 µg/L	0.025 µg/L
Cadmium	0.700 U	9.3 µg/L	9.3 µg/L
Copper	2.64 V	2.9 µg/L	2.9 µg/L
Lead	109	30 µg/L	5.6 µg/L
Zinc	154	86 µg/L	86 µg/L
Chromium	24.4	11 µg/L	50 µg/L
Other Analyses			
TOC	15.500	10 mg/L	10 mg/L
Benzene	3.88	1 ug/L	1 ug/L
Naphthalene	82.4	100 ug/L	100 ug/L

NOTES:

U - Indicates that result did not exceed the Method Detection Limit.

I - Estimated value below the lowest calibration point. Confidence correlates with concentration.

Analytical results are shown in ug/L except TOC which is shown in mg/L

V - Indicates the analyte was detected in both the sample and method blank

Approved
 2018-K-491-00127
 Imhotep Duncanson
 12/11/2018

ATTACHMENT A

FDOT Permit Application

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

GENERAL USE PERMIT

Date: 08/07/2018

Permit No.: _____

Name of Applicant or Authorized Agent: Luis A. Garcia / Groundwater & Environmental Services, Inc.Entity (if applicable): Cumberland Farms, Inc. / Christopher Johnson

(If entity, furnish contact information for responsible representative)

Address: 165 Flanders Road Zip Code: 01581City/State: Westborough, MA Telephone No.: 508-270-4495Email Address: cjohnson@cumberlandfarms.com

Activity / Project Site

County: Broward State Road: SR-811 (NE 4th Ave) Section: 12From Mile Post: 0.000 to Mile Post: 0.922Construction Proposed or Underway: Yes ☐ No ☒ FM Project No.: _____Name of Municipality if Work is within Limits: Fort Lauderdale

Description of Work Activity: Dewatering associated with the installation of USTs at a new service station. Discharge will be to a catch basin located inside the property or along NE 4th Ave. The receiving drain pipe is 24-inch diameter running south to a manhole that connect to the Sunrise Blvd. 36-inch pipe trunk line. A maximum flow rate of 513 gpm is anticipated. The conveyance system runs from east to west along Sunrise Blvd, then from south to north along NW 5th Avenue in a 72"/84" pipe, into the FDOT system and subsequent discharge is South Fork Middle River through a discharge point located at NW 3rd Avenue. FDEP has issued NPDES Approval (FLG914755-001) and BCEPGMD has issued an approval letter (18344992).

General Provisions

1. Attach any pertinent plans or drawings.
2. Attach notification letters sent to any Utilities both aerial and underground that will be potentially impacted.
3. The designated FDOT Engineer shall be notified 48 hours prior to beginning of work. Contact _____ at (_____) _____.
4. All work, materials and equipment shall be subject to inspection and approval by FDOT. Applicants certification of work at completion is required.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

GENERAL USE PERMIT

5. The permittee shall be responsible to place and display safety devices and proper maintenance of traffic in accordance with the latest version of the Department's Design Standards, index series 600, or an alternative plan signed and sealed by a professional Engineer and attached with the permit.
6. All FDOT property shall be restored to its original condition. Any damage to FDOT property as a result of this work shall be repaired and restored in a manner acceptable to the FDOT at the sole expense of the permittee.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Special Provisions

Conditions

1. In the event the permittee fails to meet any of the requirements of this permit by the FDOT, the permitted activity must cease until brought into compliance. If compliance can not be met, then the permit will be rendered void and said work shall be removed from the right of way at no cost to the FDOT.
2. Work shall commence within _____ days of permit approval.
Work shall be completed by _____.
(Date)
3. The rights and privileges herein set out are granted only to the extent of the State's right, title and interest in the land to be entered upon and used by the permittee, and the permittee will, at all times, and to the extent permitted by law, assume all risk of and indemnify, defend and save harmless the State of Florida and the FDOT from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by said permittee of the aforesaid rights and privileges.

Applicant

I hereby agree to comply with all terms and conditions set forth and described in this permit.

Luis Garcia - Staff Engineer

Printed or Typed Name and Title



Signature

8/07/2018

Date

FDOT

Approved By: _____

Print Designated Engineer

Signature

Date

Title

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

ATTACHMENT B

FDEP/NPDES Permit
BCEPGMD Approval Letter

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018



Florida Department of Environmental Protection

Southeast District Office
3301 Gun Club Road, MSC 7210-1
West Palm Beach, Florida 33406
561-681-6600

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

March 26, 2018

Mr. Christopher Johnson
Senior Environmental Project Manager
Cumberland Farms, Inc.
165 Flanders Road
Westborough, MA 0158
cjohnson@cumberlandfarms.com

Broward County
IW – Cumberland Farms – Fort Lauderdale
Dewatering Discharge
DEP File No.: FLG914755-001-IWPT/GE

RE: Generic Permit for Discharges from Petroleum Contaminated Sites (Short Term)

Project: Cumberland Farms – Fort Lauderdale, Sunrise Blvd
WAFR/NPDES Facility I.D. No.: FLG914755
Site Location: 333 E. Sunrise Blvd – Fort Lauderdale, Florida 33304

Dear Mr. Johnson:

In response to the request, that Cumberland Farms, filed on your behalf, for short-term coverage under the Generic Permit for Discharges from Petroleum Contaminated Sites for the above-mentioned facility, received on March 21, 2018, we hereby grant your request effective on the date this letter is filed with the Clerk of the Department. This authorization is valid for a total discharge period of thirty (30) days or less. Your Generic Permit Number and the Industrial Waste project ID Number is FLG914755.

Please note that the treated water must be released at the discharge point as described in the Notice of Intent (NOI). The water must be piped directly to the drainage feature or surface water body in a manner that keeps the water contained (no overland or street gutter flow) to prevent erosion or nuisance conditions. The discharge pipe must be protected from vehicle or pedestrian traffic by using low-profile ramps as necessary.

Evidence that the site had been assessed, as defined in Rule 62-621.300(1)(c)3, FAC, was provided by the Laboratory Analytical Report results (June 2017).

This Permit is contingent upon compliance with all conditions of the NPDES Generic Permit for discharges from Petroleum Contaminated Sites.

Mr. Christopher Johnson, Senior Environmental Project Manager
Cumberland Farms, Inc.
Permit Number: FLG914755
Page 2

A copy of the effective Generic Permit is enclosed. Please read Chapter 62-621, Florida Administrative Code, online at <http://www.dep.state.fl.us/legal/rules/shared/62-621.pdf>. Please review the permit to become familiar with the effluent limitations, monitoring requirements and reporting requirements, which vary depending upon the type of petroleum contamination present. Also enclosed is a Discharge Monitoring Report (DMR) form, which is to be copied and used for recording and submitting effluent monitoring data required by the permit.

Please note the procedure for submission of the monitoring results. Monitoring results shall be summarized and reported on a DMR form (DEP 62-620.910(10)), one DMR for each week, or each day if the discharge lasts for less than one week. Signed copies of the DMR's shall be submitted to the following address: Department of Environmental Protection, 2600 Blair Stone Road, Wastewater Compliance Evaluation Section, Mail Station 3551, Tallahassee, FL 32399-2400. All other correspondence and inquiries shall be submitted to this office (Southeast District Office, Industrial Waste) at the address given in the letterhead. Chapter 62-620, F.A.C., contains the rules for permit transfers, signature requirements and other administrative requirements.

A person whose substantial interests are affected by the Department's permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Please see Attachment A regarding Notice of Rights for additional information. Also, please see Attachment B regarding procedures for reporting unauthorized discharges under Rules 62-620.610(20) and 62-621.250(14), F.A.C.

This generic permit does not relieve the permittee from the responsibility for obtaining any other permits required by the Department or any federal, state or local agency, including any Municipal Separate Storm Sewer Systems (MS4) permittees, e.g., Florida Department of Transportation and local governments.

If you have any questions, please call Marie G. Lacroix at (561)681-6731, or email your inquiry to Marie.Lacroix@dep.state.fl.us.

THIS SPACE IS INTENTIONALLY LEFT BLANK

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Mr. Christopher Johnson, Senior Environmental Project Manager
Cumberland Farms, Inc.
Permit Number: FLG914755
Page 3

EXECUTION AND CLERKING:

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



March 26, 2018

John Kent Edwards
Environmental Administrator

Date

JKE/ML

Attachments:

Discharge Monitoring Report (DMR) Form

Notice of Rights

Report of Noncompliance

Generic Permit for Discharges from Petroleum Contaminated Sites

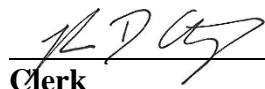
CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this permit and all copies were sent on the filing date below to the following listed persons:

ec: Luis A. Garcia, GES email to: Lgarcia@GESonline.com
Scott W. Wojcicki GES email to: SWojcicki@GESonline.com
Larry Ritchie, FDOT/TLH email to: larry.ritchie@dot.state.fl.us
FDEP/SED: Diane Pupa, Kent Edwards, Marie Lacroix.

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

March 26, 2018
Date

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

Treated Groundwater Discharge (Weekly)

WHEN COMPLETED MAIL THIS REPORT TO: Department of Environmental Protection (Division of Water Facilities)

Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Rd, Tallahassee FL 32399-2400

PERMITTEE NAME: Mr. Christopher Johnson, Senior Environmental Project Manager

MAILING ADDRESS: 165 Flanders Road
Westborough, MA 01581

FACILITY: Cumberland Farms- Fort Lauderdale, Sunrise Blvd., Upgrading Dewatering Discharge

LOCATION: 333 E. Sunrise Blvd, Fort Lauderdale, Florida 33304

COUNTY: Broward County

PERMIT NUMBER: FLG914755

MONITORING PERIOD--From:

LIMIT: Final

FACILITY ID: FLG914755

GMS ID NO.: N/A

DISCHARGE POINT NUMBER: D-001

PLANT SIZE/TREATMENT TYPE:

FILE NUMBER: FLG914755-001-IWPT/GE

To:

Report: Monthly

GROUP: IW

GMS TEST SITE NO: N/A

WAFR SITE NO.: 128377

NO DISCHARGE FROM SITE: ☐

Please read instructions before completing this form.

Parameter		Quantity or Loading			Quality or Concentration			No. Ex.	Frequency of Analysis	Sample Type
		Avg.	Max.	Units	Min.	Avg.	Max.			
Flow	Sample Measurement				*****	*****	*****	*****		
STORET No. 50050 Mon. Site No. EFF-01	Permit Requirement	Report Daily Avg.	Report Daily Max.	MGD	*****	*****	*****	*****		Continuous Flowmeter
Benzene	Sample Measurement	*****	*****	*****	*****	*****				
STORET No. 34030 Mon. Site No. EFF-01	Permit Requirement	*****	*****	*****	*****	*****	1.0 Daily Max.	µg/L		One (1) Time Per Week Grab
Naphthalene	Sample Measurement	*****	*****	*****	*****	*****				
STORET No. 34696 Mon. Site No. EFF-01	Permit Requirement	*****	*****	*****	*****	*****	100.0 Daily Max.	µg/L		One (1) Time Per Week Grab
Total Recoverable Lead * (* see footnote 1 below)	Sample Measurement	*****	*****	*****	*****	*****				
STORET No. 01114 Mon. Site No. EFF-01	Permit Requirement	*****	*****	*****	*****	*****	30.0 Daily Max.	µg/L		One (1) Time Per Week Grab
pH	Sample Measurement	*****	*****	*****		*****				
STORET No. 00400 Mon. Site No. EFF-01	Permit Requirement	*****	*****	*****	6.0 Daily Min.	*****	8.5 Daily Max.	standard units		One (1) Time Per Week Grab or Continuous

- Footnotes:
1. * Sampling is required only if groundwater may be contaminated by leaded fuels.
 2. The WAFR site no. for effluent sampling (EFF-01) at the air stripper discharge is 128377

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on 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 Principal Executive Officer or Authorized Agent (Type or Print)	Signature of Principal Executive Officer or Authorized Agent	Telephone No. (include area code)	Date (yy/mm/dd)

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

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

The DMR consists of only one (1) page.

Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be typed or printed in ink.

In addition to filling in numerical results on various parts of the DMR, the following codes should be used and an explanation provided where appropriate. Note: Codes used by the lab for raw data may be 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 since limit is conditional.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.
TNTC	Too numerous to count (for fecal coliform bacteria only).

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. 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.
3. 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 blanks in the header should be completed by the permittee or authorized representative:

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. If there was no discharge of effluent for a particular outfall, reuse, or land application system and the DMR 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. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.). (SEE APPENDIX A)

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter. 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.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

NOTICE OF RIGHTS

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 of the 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.

Petitions by the applicant or any of the parties listed below must be filed within fourteen (14) days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3) of the Florida Statutes must be filed within fourteen (14) days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first.

Under Section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen (14) 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 within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 of the 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 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the Department permit identification number and the county in which the subject matter or activity is located;
- (b) A statement of how and when each petitioner received notice of the Department action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department action;
- (d) A statement of the material facts disputed by the petitioner, if any;
- (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- (f) A statement of which rules or statutes the petitioner contends require reversal or modification of the Department action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Notice of Rights (cont'd)

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 of the Florida Statutes is not available for this proceeding.

This action is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above. Upon the timely filing of a petition this order will not be effective until further order of the Department.

Any party to the order has the right to seek judicial review of the order under Section 120.68 of the Florida Statutes, by the filing of a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, 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 thirty (30) days from the date when the final order is filed with the Clerk of the Department.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

REPORT OF NONCOMPLIANCE

The permittee shall report to the Department 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 untreated or treated 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 Department by calling the STATE WARNING POINT 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 Warning Point:
 - (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.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Report of Non-Compliance (cont'd)

2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's Southeast District/Southeast District Branch 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/Southeast District Branch Office shall waive the written report.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL PROTECTION

GENERIC PERMIT

FOR

DISCHARGES FROM PETROLEUM

CONTAMINATED SITES

Facility Name: Cumberland Farms- Fort Lauderdale, Sunrise Blvd./ Broward County
Coverage under Generic Permit No.: FLG914755

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Generic Permit for Discharges From Petroleum Contaminated Sites

(1) Effluent Limitations and Monitoring Requirements for Existing Sources and New Dischargers.

- (a) Contamination by Automotive Gasoline. The facility is authorized to discharge treated ground water and storm water that has been contaminated by automotive gasoline. These contaminated waters shall be treated by air stripping, followed by activated carbon adsorption, if necessary, or equivalent treatment to meet the following effluent limitations. Such discharges shall be limited and monitored by the permittee as specified in Table 1:

Table 1

	Effluent Limitations		Monitoring Requirements	
Effluent Characteristic	Daily Average	Daily Maximum	Measurement Frequency	Sample Type
Flow, (MGD)	Report	Report	Continuous	Flowmeter
Benzene, µg/L	-----	1.0	1/month	Grab
* Total Lead µg/L	-----	30.0	1/month	Grab
pH, Standard Units	See Paragraph (1)(a)2.			Grab or Continuous
Acute Whole Effluent Toxicity	See Paragraph (1)(a)1. and Paragraph (2)(b)			Grab

* Monitoring for this parameter is required only when contamination results from leaded fuel.

1. An LC₅₀ of 100% or less in a test of 96 hours duration or less shall constitute a violation of Rule 62-4.244(3)(a), F.A.C., and the terms of this permit. The testing for this requirement must conform with Rule 62-621.800, F.A.C.
2. For fresh waters and coastal waters, the pH of the effluent shall not be lowered to less than 6.0 units for fresh waters, or less than 6.5 units for coastal waters, or raised above 8.5 units, unless the permittee submits natural background data in the NOI request confirming a natural background pH outside of this range. If natural background of the receiving water, as revealed by sampling data from the permittee in the NOI request, is determined to be less than 6.0 units for fresh waters, or less than 6.5 units in coastal waters, the pH shall not vary below natural background or vary more than one (1) unit above natural background for fresh and coastal waters. If natural background of the receiving water, as revealed by sampling data from the permittee in the NOI request, is determined to be higher than 8.5 units, the pH shall not vary above natural background or vary more than one (1) unit below natural background of fresh and coastal waters. The acceptable pH range shall be included in the letter granting permit coverage and on the DMR. The pH shall be monitored once every month by grab sample, or continuously with a recorder. For purposes of this

Generic Permit for Discharges From Petroleum Contaminated Sites

section only, fresh waters are those having a chloride concentration of less than 1500 mg/L, and coastal waters are those having a chloride concentration equal to or greater than 1500 mg/L.

3. In accordance with Rule 62-302.500(1)(a-c), F.A.C., the discharge shall at all times be free from floating solids, visible foam, turbidity, or visible oil in such amounts as to form nuisances on surface waters.
4. Samples taken in compliance with the monitoring requirements specified above shall be taken at the nearest accessible point after final treatment but prior to actual discharge or mixing with the receiving waters.

- (b) Contamination by Aviation Gasoline, Jet Fuel or Diesel Fuel. The permittee is authorized to discharge treated ground water and storm water that has been contaminated by aviation gasoline, jet fuel or diesel fuel. These contaminated waters shall be treated by air stripping, followed by activated carbon adsorption, if necessary, or equivalent treatment to meet the following effluent limitations. Such discharges shall be limited and monitored by the permittee as specified in Table 2:

Table 2

	Effluent Limitations		Monitoring Requirements	
Effluent Characteristic	Daily Average	Daily Maximum	Measurement Frequency	Sample Type
Flow, (MGD)	Report	Report	Continuous	Flowmeter
Benzene, µg/L	-----	1.0	1/month	Grab
Naphthalene, µg/L	-----	100.0	1/month	Grab
* Total Lead µg/L	-----	30.0	1/month	Grab
pH, Standard Units	See Paragraph (1)(b)2.			Grab or Continuous
Acute Whole Effluent Toxicity	See Paragraph (1)(b)1. and Paragraph (2)(b)			Grab

* Monitoring for this parameter is required only when contamination results from leaded fuel.

1. An LC₅₀ of 100% or less in a test of 96 hours duration or less shall constitute a violation of Rule 62-4.244(3)(a), F.A.C., and the terms of this permit. The testing for this requirement must conform with Rule 62-621.800, F.A.C.
2. The permittee shall comply with the same pH requirements as specified in paragraph (1)(a)2., of this permit. The pH shall be monitored once every month by grab sample, or continuously with a recorder.

Generic Permit for Discharges From Petroleum Contaminated Sites

3. In accordance with Rule 62-302.500(1)(a-c), F.A.C., the discharge shall at all times be free from floating solids, visible foam, turbidity, or visible oil in such amounts as to form nuisances on surface waters.
4. Samples taken in compliance with the monitoring requirements specified above shall be taken at the nearest accessible point after final treatment but prior to actual discharge or mixing with the receiving waters.

(c) Short term discharges.

1. If benzene, naphthalene, or total lead concentrations indicative of contamination from petroleum fuels are known to be present as a result of site assessment, and the discharge will occur for thirty (30) days or less, the permittee shall comply with the applicable effluent limitations and monitoring requirements shown in Table 3:

Table 3

Effluent Characteristic	Effluent Limitations		Monitoring Requirements	
	Daily Average	Daily Maximum	Measurement Frequency	Sample Type
Flow, (MGD)	Report	Report	Continuous	Flowmeter
Benzene, µg/L	-----	1.0	1/week	Grab
Naphthalene, µg/L	-----	100.0	1/week	Grab
* Total Lead µg/L	-----	30.0	1/week	Grab
pH, Standard Units	See Paragraph (1)(a)2.			Grab or Continuous

* Monitoring for this parameter is required only when contamination results from leaded fuel.

- a. For discharges that last for less than one week, daily monitoring shall be required for the applicable parameters.
 - b. Discharge Monitoring Reports shall be submitted to the Department within thirty (30) days after termination of the discharge, along with a letter stating that discharge has ceased.
 - c. Coverage under paragraph (1)(c)1. is limited to a total of 30 days of discharge.
2. If benzene, naphthalene, or total lead concentrations indicative of contamination from petroleum fuels are known to be present as a result of site assessment, and the discharge is for a pump test to characterize the aquifer and will last for eight (8) hours or less, the discharge is covered under this generic permit if the following conditions are met:

Generic Permit for Discharges From Petroleum Contaminated Sites

- a. The effluent limitations shown in Table 3 are met.
 - b. A Discharge Monitoring Report is sent to the Department within thirty (30) days after termination of the discharge.
 - c. Coverage under paragraph (1)(c)2. is limited to a total of eight (8) hours of discharge.
3. Applicants who wish to be covered under the provisions of paragraph(1)(c)1 or 2 but have not had the site assessed, may obtain coverage only if the reported values for the parameters listed in Table 4 do not exceed any of the listed screening values. Before discharge can occur, analytical tests on untreated samples of the ground water shall be performed for the parameters listed in Table 4:

Table 4

Parameter	Screening Values for Discharge into:	
	Fresh Waters	Coastal Waters
Total Organic Carbon (TOC)	10.0 mg/L	10.0 mg/L
pH, standard units	6.0-8.5	6.5-8.5
Total Recoverable Mercury	0.012 µg/L	0.025 µg/L
Total Recoverable Cadmium	9.3 µg/L	9.3 µg/L
Total Recoverable Copper	2.9 µg/L	2.9 µg/L
Total Recoverable Lead	0.03 mg/L	5.6 µg/L
Total Recoverable Zinc	86.0 µg/L	86.0 µg/L
Total Recoverable Chromium (Hex.)	11.0 µg/L	50.0 µg/L
Benzene	1.0 µg/L	1.0 µg/L
Naphthalene	100.0 µg/L	100.0 µg/L

- a. If any of the analytical test results exceed the screening values in Table 4, except TOC, benzene, naphthalene, and lead, then discharge is not authorized by this permit.
- b. For initial TOC values that exceed the screening values listed in Table 4, which may be caused by naturally-occurring, high molecular weight organic compounds, the permittee may request to be exempted from the TOC requirement. To request this exemption the permittee shall submit additional information with an NOI which describes the method used to determine that these compounds are naturally occurring.
- c. If levels of benzene, naphthalene, or lead are detected in amounts that exceed the screening values listed in Table 4, which indicate contamination from petroleum fuels, the facility may proceed in accordance with paragraph (1)(c)1 or 2.

(2) Other permit requirements.

- (a) Within sixty (60) days after the effective date of this permit or start-up of discharge, the permittee shall submit the results of the following analyses. These analyses are not required for short term dischargers covered under paragraph (1)(c). These analyses shall be performed on a representative sample of the ground water effluent discharge, taken after final treatment.

The following analyses are required one time only during the coverage of this permit:

1. EPA Method 625 - Acid and Base/Neutral Extractable Organics
2. EPA Method 624 - Purgeable Organics

- (b) Within thirty (30) days after commencement of discharge, permittees, other than those seeking coverage under paragraph (1)(c), shall test for acute toxicity as provided for in Rule 62-621.800, F.A.C., to evaluate whole effluent toxicity of the discharge from the outfall. If more than one (1) outfall exists, separate tests shall be performed on each outfall.
- (c) If the pH is monitored continuously, the pH values shall not deviate outside the required range more than 1% of the time in any calendar month; and no individual excursion shall exceed sixty (60) minutes. An "excursion" is an unintentional and temporary incident in which the pH value of discharge wastewater exceeds the range set forth in this permit.
- (d) All of the general conditions listed in Rule 62-621.250, F.A.C., are applicable to this generic permit.
- (e) A Best Management Practices (BMP) Plan shall be prepared in accordance with Rule 62-621.700, F.A.C., and in conjunction with development of the Remedial Action Plan required by the Department.
- (f) The permittee shall notify the Department in writing within thirty (30) days after the permanent termination of discharge to surface waters from the facility.

(3) Test Procedures.

- (a) In performing analyses for dissolved constituents in surface and ground waters, the permittee shall use the guidelines recommended and described in Rules 62-770.600(8)(a-d), F.A.C.
- (b) If the petroleum contamination is from a petroleum fuel in which the source of contamination has not been identified, the ground water shall be analyzed using the

Generic Permit for Discharges From Petroleum Contaminated Sites

recommended methods listed below for the following parameters as described in Rule 62-770.600(8)(c)1, F.A.C.:

1. Lead - EPA Method 239.2 or Standard Method 304;
 2. Priority Pollutant Volatile Organics - EPA Method 624;
 3. Priority Pollutant Extractable Organics - EPA Method 625; and
 4. Non-Priority Pollutant Organics (with GC/MS Peaks greater than 10 ppb) - EPA Methods 624 & 625.
- (4) Reporting of Monitoring Results. Monitoring results obtained for each calendar month shall be summarized and reported on a Discharge Monitoring Report (DMR) form (DEP form 62-620.910(10)), once each month. Unless stated otherwise, these forms shall be submitted after each calendar quarter and postmarked no later than the 28th day of the month following the completed calendar quarter. For example, data for January - March shall be submitted by April 28. Calendar quarters are January-March, April-June, July-September and October-December. Signed copies of these and all other reports required by this permit shall be submitted to the Department at the following address:

Department of Environmental Protection
Bureau of Water Facilities Planning and Regulation
Water Facilities Regulation Section, MS #3551
2600 Blair Stone Road
Tallahassee, FL 32399-2400

If no discharge occurs during the reporting period, sampling requirements of this permit do not apply. The statement "No Discharge" shall be written on the DMR form.

(5) Application Requirements

- (a) Unless stated otherwise, all dischargers seeking coverage under this generic permit are required to submit a Notice of Intent (NOI) to the appropriate Department district office. The NOI shall include:
1. The name and address of the person that the permit coverage will be issued to;
 2. The name, and address of the operation, including county location;
 3. Any applicable individual wastewater permit number(s);
 4. If applicable, the identification of any new discharge location not contained in the expired permit;

Generic Permit for Discharges From Petroleum Contaminated Sites

5. Evidence that the operation has obtained approval of a Remedial Action Plan (RAP) Order from the Department;
 6. A map showing the facility and discharge location (including latitude and longitude);
 7. The name of the receiving water; and
 8. A Pollution Prevention Plan prepared in accordance with paragraph (6) of this permit, for discharges lasting over one (1) year.
- (b) Dischargers who have not previously obtained an individual wastewater permit are required to submit the NOI at least thirty (30) days before the discharge is to begin.
- (c) Dischargers with current individual wastewater permits that desire coverage under this generic permit are required to file an NOI with the Department at least thirty (30) days prior to expiration of their current permit(s).
- (d) Facilities seeking coverage under paragraph (1)(c)1 of this permit shall be required to submit to the Department the date the discharge is expected to cease, results of the analytical data required under paragraph (1)(c)3, if applicable, and the same information in paragraph (5)(a), except items (5)(a)3, 4, 5, and 8. Notification of coverage to discharge will be upon receipt of a letter from the Department acknowledging short-term coverage. The Department shall process requests for short-term coverage pursuant to the provisions of Rule 62-620.510(1)-(5), F.A.C. The Department shall render a decision as to whether to grant or deny coverage within 30 days after the Department has received all of the information necessary to make the application complete. If this time schedule is not met, the applicant may apply for an order from the circuit court requiring the Department to render a decision within a specified time. Discharge may not begin until the applicant receives this letter from the Department.
- (e) For facilities seeking coverage under paragraph (1)(a) or (b) of this permit, notification of coverage shall be given by the Department by certified mail to the permittee, with the issuance date for each facility being the effective date of coverage by the Department. The Department shall process requests for coverage pursuant to the provisions of Rule 62-620.510(1)-(5), F.A.C. The Department shall render a decision as to whether to grant or deny coverage within 30 days after the Department has received all of the information necessary to make the application complete. If this time schedule is not met, the applicant may apply for an order from the circuit court requiring the Department to render a decision within a specified time. Discharge may not begin until the applicant receives the notice of coverage.
- (f) Facilities seeking coverage under paragraph (1)(c)2 of this permit, shall be covered automatically once the facility receives acceptable ground water screening values, if applicable.

Generic Permit for Discharges From Petroleum Contaminated Sites

- (g) Coverage under this generic permit is limited to a term not to exceed five years from the effective date of coverage. Permittees may request continued coverage under this generic permit by submitting a complete NOI in accordance with paragraph (5)(a) to the Department district office. Requests for continued coverage shall be made at least 180 days before expiration of the current coverage.
- (h) Annual regulatory program and surveillance fees are required for all facilities that discharge in excess of thirty (30) days during the life of this permit. The fees are due in accordance with Rule 62-4.052, F.A.C.
- (6) Pollution Prevention Plan. New permittees with long term treatment systems expected to discharge one (1) year or more shall develop a Pollution Prevention Plan for the site and submit it with the NOI. It shall contain the following information:
 - (a) A narrative of what caused the ground water contamination.
 - (b) Methods currently being deployed at the site to prevent ground water contamination from reoccurring.
 - (c) Other alternative treatment options which were considered in reducing the ground water contamination.
 - (d) Explanation of why long term treatment of discharge to surface waters of the State was chosen as opposed to:
 - 1 An in situ ground water remediation technique which does not involve recovery of contaminated water;
 - 2. An alternative means of discharge or disposal of treated ground water, such as re-infiltration on site; or,
 - 3. Using a limited scope clean up strategy which involves short term ground water recovery followed by monitoring-only at the site.

In an effort to promote pollution prevention, the Department may issue permits which include or require pollution prevention activities.



Environmental Protection and Growth Management Department
ENVIRONMENTAL ENGINEERING AND PERMITTING DIVISION
1 North University Drive, Mailbox 201, Plantation, Florida 33324 • 954-519-1483 • FAX 954-519-1412

July 17, 2018

Mr. Christopher Johnson, P.G.
Cumberland Farms, Inc.
165 Flanders Road
Westborough MA 01581

**RE: Approval for Construction Dewatering Activity
UST and Canopy Footers Installation, Proposed Cumberland Farms Property
333 East Sunrise Boulevard (aka 317 Northeast 10th Street), Fort Lauderdale
Broward County Dewatering Project ID 18344942**

Dear Mr. Johnson:

The Environmental Engineering and Permitting Division (Division) has reviewed the Dewatering Plan (Dewatering Plan), dated and received July 9, 2018, submitted by Groundwater Environmental Services, Inc. (GES). The Dewatering Plan was submitted to evaluate the impact of construction dewatering on pollutant migration, as required by Section 27-355(4), Broward County Code (the Code).

The Division hereby approves the referenced Dewatering Plan. This approval is based upon and subject to the following conditions:

1. The Dewatering Plan proposed is specific to the installation of underground storage tanks and canopy footers at the referenced location.
2. The dewatering depths (a maximum water table depression of 12.5 feet) and duration (a maximum duration of 14 days) are approved as proposed and should not be exceeded. In the event that it becomes necessary to exceed the approved scope of work, you must contact this office immediately for approval. Please be advised that additional permits that are outside the scope of this review may be required by other regulatory authorities and must be obtained prior to commencing dewatering activities.
3. The technical review performed by the Division is limited to the investigation of the possibility of contaminant plume migration from the following nearby contaminated sites:

Site No. 2625: Former Germain Auto Sales, 1025 NE 5th Ave., Ft. Lauderdale; FDEP Facility ID 069804273

Site No. 1049B: Sears Auto Repair and Tire Center, 901 N. Federal Hwy., Ft. Lauderdale; FDEP Facility ID 068626157

4. Upon discovery of previously undocumented contamination in wellpoints, on the exposed water table, or in excavated soils, whether by the presence of staining, free product, or by receipt of any available analytical results exceeding applicable Cleanup Target Levels (CTLs) of Chapter 62-777, Florida Administrative Code (F.A.C.), the Division will be notified and dewatering activities shall cease immediately. Similarly, if any available analytical results indicate that dewatering discharge (effluent) contains contaminants at concentrations exceeding applicable Groundwater CTLs of Chapter 62-777, F.A.C., the Division shall be notified and dewatering activities shall cease immediately. If contamination is discovered to have been caused, exacerbated, or spread a result of dewatering at the referenced project, Cumberland Farms, Inc., agrees to conduct, with the property owner's permission, site investigations to ascertain the degree of the contamination and, based upon the results of such investigations, ensure

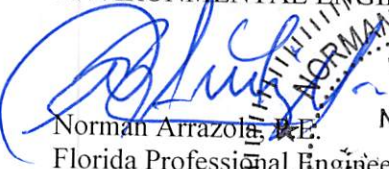
cleanup of the contamination to the extent required by existing regulations. Costs of site investigations and cleanup of the contamination, if required, shall be borne by Cumberland Farms, Inc.

5. Effluent is to be monitored for the purposes of ensuring compliance with applicable turbidity standards. The Dewatering Plan indicates that certain preventative measures will be employed (sedimentation tank, bag filters) during these dewatering activities to ensure that applicable water quality standards are met. Should the water quality standards be exceeded, the Division shall be notified and dewatering activities shall cease immediately.
6. Please note that the Division requires advance written notification a minimum of three (3) days prior to the initiation of dewatering operations (email or facsimile is adequate).
7. A Dewatering Report is to be submitted to the Division within thirty (30) days of completing the activities approved herein. The Dewatering Report should contain a summary of all activities and groundwater monitoring results in tabular form.

As acceptance of these conditions, please sign, notarize, and return page 3 of the Dewatering Approval. If you do not agree to the terms of this Conditional Approval, please notify this office in writing within 3 working days of receipt. If you have any questions or require additional information, please contact the undersigned at (954) 519-1237 or narrazola@broward.org.

Sincerely,

ENVIRONMENTAL ENGINEERING AND PERMITTING DIVISION


Norman Arrazola, P.E.
Florida Professional Engineer No. 46538
Broward County Environmental Engineering and Permitting Division

Date

cc: David Vanlandingham, P.E., Engineer Unit Supervisor
Ashok Raichoudhury, P.E., Broward County Development and Environmental Regulation Division
Luis A. Garcia, P.E., GES

I, _____, do hereby agree to the terms and conditions of the Dewatering Plan Approval Letter, as specified in the preceding pages 1 and 2 and in the Code (for and on behalf of Company, signed by an authorized representative).

(signature and title)

STATE OF FLORIDA
COUNTY OF _____

Subscribed and sworn to (or affirmed) before me this day,

(Date) _____

by _____, who (Check one):

___ is personally known to me OR

___ has produced _____ as identification.
(type of identification)

(signature of Notary) Commission No.

(SEAL ABOVE)

(name of Notary typed, printed or stamped)

ATTACHMENT C

Dewatering Flow Rate Calculations
(UST Field)

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Dewatering Flow Rate (UST Field)

Facility Name : Proposed Cumberland Farms Property - Fort Lauderdale Sunrise Blvd
Facility Address : 333 E. Sunrise Blvd & NE 4th (NWC of Sunrise Blvd Rd and NE 4th Ave), Fort Lauderdale, FL
FDEP No. : NA

$$H^2 - h^2 = nq / \pi k (\ln R_o - \ln r_e)^a$$

where:

n = number of wellpoints;

q = flow rate per wellpoint in m³/sec;

r_e^b = effective radius of dewatering (6.66 m) ;

H^c = Total head of the water table (44.81 m);

h = Total head of the dewatered aquifer (41.00 m);

R_o = radius of influence calculated via Sichardt's equation (22.79 m); and

K = hydraulic conductivity (3.881E-05 m/s) ^d

$$nq^e = [(H^2 - h^2) \pi K] / (\ln R_o - \ln r_e)$$

$$nq = 0.0324 \text{ m}^3/\text{sec}$$

Total Estimated Flow Rate: 513.48 gpm

Daily Pumpage 0.739 MGD

^a From Broward County Environmental Protection and Growth Management Department EAR Section Standard Operating Procedure for Dewatering (Revision 3, Effective December 1, 2009), Exhibit III

^b Based on rectangular excavation with approximate dimensions 50 ft x 30 ft

^c Based on information provided by Mr. Norman Arrazola, P.E., from Broward County Environmental Protection and Growth Management Department

^d Based on information provided by Mr. Norman Arrazola, P.E., from Broward County Environmental Protection and Growth Management Department

^e the product 'nq' yields the total estimated flow rate

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

ATTACHMENT D

Description of Surface Water Pumps

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

TABLE - B
Description Of Surface Water Pumps

Application Number: 160510-21

Pump ID	273914
Name	Dewatering Pump
Map Designator	Dewatering Pump
Facility Group	
Existing/Proposed	P
Pump Type	Submersible
Diameter(Inches)	6
Pump Capacity(GPM)	1,800
Pump Horse Power	42
Two Way Pump ?	N
Elevation (ft. NGVD)	7.5
Planar Location	
Source	
Feet East	
Feet North	
Accounting Method	Flow Meter
Use Status	Primary
Water Use Type	Mining / Dewatering
Surface Water Body	Water Table aquifer

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

ATTACHMENT E

System Process Flow

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

400 GPM SYSTEM

1. MAXIMUM FLOWRATE THROUGH EACH VESSEL IS 125 GPM.
2. FLOW TO BE SPLIT EVENLY THROUGH THE BAG FILTERS.

LEGEND

= BALL VALVE

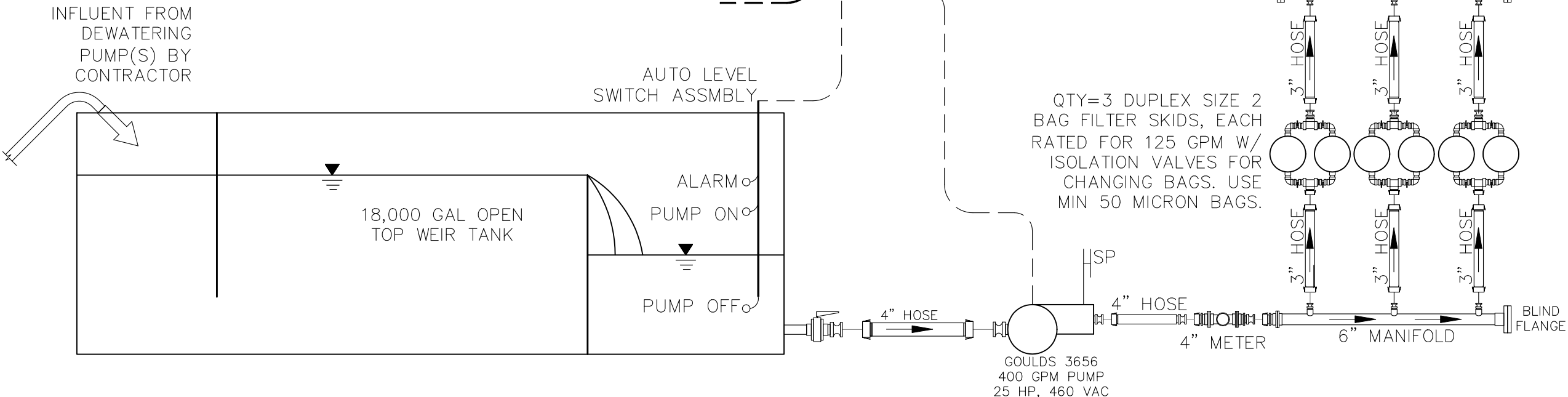
= FLANGE CONNECTOR

= MALE CAMLOCK CONNECTOR

= FEMALE CAMLOCK CONNECTOR

= SADDLE FITTING (VARIOUS SIZES)

SAMPLE PORT



SCALE:	N: 1:5
DATE:	6-20-17
DRAWN BY:	JNZ
CHECKED BY:	FPL
APPROVED BY:	JNZ

J ZIEGLER, PE
PE NO. 49375
ENGINEERED ENV
SOLUTIONS, INC.



**ENGINEERED
ENVIRONMENTAL
SOLUTIONS
INC.**

601 N EAST COAST AVE, LANTANA, FL 33462

400 GPM TREATMENT
SYSTEM PROCESS FLOW
AGES SEDIMENT CONTROL
DEWATERING ACTIVITIES

400 G	SYSTEM	GES. SEIT	DEWATE
FIG	1		

From: epermits@sfwmd.gov
To: [Sarah Keffer](#)
Subject: SFWMD Application Submittal 205443 Received
Date: Monday, November 26, 2018 12:26:36 PM

Thank you for using ePermitting. The South Florida Water Management District has received your Permit Application Submittal 205443. We are committed to ongoing customer service improvements. Please take a moment to reply to this email and complete the survey below to let us know how we are doing.

If you have any questions, please contact us at epermits@sfwmd.gov.

Thank you,
SFWMD ePermitting Online Services

Is this your first time using ePermitting? (yes/no)

Would you use ePermitting again? (yes/no)

Would you be interested in receiving information/training on other ePermitting features? (yes/no)

Please share your comments or suggestions on how we might improve ePermitting:

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

WATER USE SUBMITTAL REPORT

SUBMITTAL INFORMATION

Application Number	Submittal Number	Submittal Date
TBD	205443	10/18/2018

PERMIT TYPE

Which of the following types of land use/water use classification are you requesting?	Dewatering
Which of the following type of activity are you requesting?	A New Permit
Permit Number:	

Comments & Attached Files

Comments	Filename & File Size
This is a new dewatering permit for the installation of 3 new USTs and 8 canopy footers in a proposed Cumberland Farms, Inc. gas station located at 333 E Sunrise Boulevard (NW corner of Sunrise Blvd & NE 4th Ave) in Fort Lauderdale, FL	

PROJECT LOCATION

Project Name:	CFI - Fort Lauderdale - Sunrise & NE 4th Ave
Project Acreage:	2.49
City, Town or Village:	Fort Lauderdale

County: BROWARD

Section(s)	Township	Range	Land Grant
34	49	42	
3	50	42	
34	49	42	

Tax Parcel ID(s)

494234048370, 494234048380, 494234048471, 494234000130, 494234040000, 494234048471, 494234048490, 494234048500, 494234048560

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

DEWATERING

What is the maximum daily pumpage in Million Gallons per Day (MGD)?	0.739
What is the total project pumpage in Million Gallons?	5.18
What is the duration of this request? (if >20 years please submit details)	Weekly
What is the exact timeframe for this request (1 week, 1.5 years, etc.)?	3
Are you applying for a "master" dewatering permit as described in the Applicant's Handbook (AH) section: AH 2.3.2.B.2.i?	No
Provide the WET season elevation (ft, NGVD):	2
Provide the DRY season elevation (ft, NGVD):	
Provide the elevation to which ground water will be drawn down (ft, NGVD):	-10.5
Provide the maximum depth of excavation (ft, NVGD):	-9.5
Provide the operation schedule (Hours/day):	24
Provide the operation schedule (Days/weeks):	7
Will discharge remain on site?	No

Comments & Attached Files - Operation Details

Comments	Filename & File Size	
	205443_table 1 - fort lauderdale sunrise blvd.pdf	96 KB
	205443_dewatering process20181018.pdf	196 KB
	205443_operational plan_20181018.pdf	99 KB

Comments & Attached Files - Why Necessary

Comments	Filename & File Size	
	205443_why dewatering necessary_20181018.pdf	18 KB

Comments & Attached Files - Method of Excavation

Comments	Filename & File Size	
	205443_method of excavation_20181018.pdf	70 KB
	205443_profile views_20181018.pdf	144 KB

Comments & Attached Files - Drainage Point & Monitoring

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Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Comments	Filename & File Size	
	205443_why the discharge cannot be held on site_20181018.pdf	18 KB

Comments & Attached Files - Pump Calculation Method		
Comments	Filename & File Size	
	205443_calculations_20181018.pdf	185 KB
	205443_detail pumping calculations_2-181-18.pdf	6 KB

Comments & Attached Files - Required Attachments		
Comments	Filename & File Size	
*** Comments Not Applicable ***	205443_fdep npdes noi permit20181018.pdf	167 KB
	205443_describe the dewatering operation_20181018.pdf	17 KB
	cfi fort lauderdale fdot permit app.pdf	3 MB

PUMPS

Pump (ID: 142343) - NEW	
Pump Name or Number:	Pump-Temp736
Map Designator:	South Florida Water Management District
Surface Water Source:	Biscayne Aquifer
Water Use Type:	Mining / Dewatering
Pump Use Status:	Standby
Meter Description:	Flow Meter
Local Drainage District:	null
Pump Details	
Pump Status:	Proposed
If existing, date installed:	
Pump Type:	Horizontal
Horsepower:	25
Two Way Pump?	No
Pump Diameter (in):	4.0
Pump Capacity (GPM):	400
Pump Intake Elevation (ft-NVGD):	13
Last Calibration Date:	
If the above calibration date is not available, please provide and explanation in the area to the right.	

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Location Details		
County:	BROWARD	
Section:	34	
Township:	49	
Range:	42	
Latitude:	26.13773	
Longitude:	-80.1409	

Comments & Attached Files		
Comments	Filename & File Size	
*** Comments Not Applicable ***	205443_flow chart_20181018.pdf	63 KB

RELEVANT PARTIES	
Select the best representation of the applicant's organization:	

Relevant Party (ID: 1923029)	
Type:	OWNER/APPLICANT
"Other" Type:	
First Name:	Christopher
Last Name:	Johnson
Company:	Cumberland Farms, Inc.
Salutation:	Mr.
Address 1:	165 Flanders Road
Address 2:	
City:	Westborough
State:	MA
Zip:	01581
Primary:	508-270-4495
Secondary:	954-734-5733
Email:	cjohnson@cumberlandfarms.com
Date Lease Expires:	
Is Lease Automatically Renewable?	

Relevant Party (ID: 1923030)	
Type:	AUTHORIZED AGENT
"Other" Type:	

Approved
 2018-K-491-00127
 Imhotep Duncanson
 12/11/2018

First Name:	Sarah
Last Name:	Keffer
Company:	Groundwater & Environmental Services, Inc.
Salutation:	Ms.
Address 1:	6500 NW 12th Avenue, Suite 108
Address 2:	
City:	Fort Lauderdale
State:	FL
Zip:	33309
Primary:	866-565-7650
Secondary:	717-578-5615
Email:	skeffer@gesonline.com
Date Lease Expires:	
Is Lease Automatically Renewable?	

Comments & Attached Files		
Comments	Filename & File Size	
*** Comments Not Applicable ***	205443_deed lease2018.pdf	6 MB

POTENTIAL WATER IMPACTS	
Are there any wetland areas within the area of influence? If yes, provide an impact evaluation.	Unknown
Are there any contamination sites within the area of influence? If yes, provide details for the contamination sites.	No
What is the distance to the nearest source of saline water (ft)? If known, provide a signed/sealed impact assessment.	Unknown

APPLICANT SIGNATURE / OWNER AUTHORIZATION	
Relevant Party Signature Authority	
Type:	AUTHORIZED AGENT
"Other" Type:	
First Name:	Sarah
Last Name:	Keffer
Company:	Groundwater & Environmental Services, Inc.
Statement Of Agreement	

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

I hereby certify that the surface water pumps or groundwater wells associated with the water use of this project are located on property I own/lease or that I have the legal right to access, use, and maintain the surface water pumps and groundwater wells. Upon the District's request, I shall provide written documentation demonstrating my legal control of the withdrawal facilities at any time during the application process or the permitted duration. I certify that to the best of my knowledge and belief that all of the information on this form is correct. I understand that any permit issued shall be subject to review and modification, enforcement action, or revocation, in whole or in part, for any material false statement in an application to continue, initiate, or modify a use, or for any material false statement in any report or statement of fact required of the permittee [Section 373.243(1), Florida Statutes]. With advance notice, I agree to provide District staff with proper identification entry to the project site for the purpose of performing analyses of the site for determining whether the conditions for issuance will be met. Further, if a permit is granted, I agree that, with advance notice, District staff with proper identification shall have permission to enter, inspect, observe, collect samples, and take measurements of permitted facilities to determine compliance with the permit conditions and permitted plans and specifications.

Prepared by:	
Name:	Sarah Keffer
Agency of Employment:	Groundwater & Environmental Services, Inc.
Position:	Environmental Scientist
Email Address:	skeffer@gesonline.com
Phone Number:	866-565-7650 3304
Signature Date:	11/26/2018

Comments & Attached Files		
Comments	Filename & File Size	
*** Comments Not Applicable ***	cfi fort lauderdale sfwmd pe seal pages.pdf	2 MB
	205443_authorization_20181018.pdf	297 KB

PRE-APPLICATION MEETING

Comments & Attached Files		
Comments	Filename & File Size	

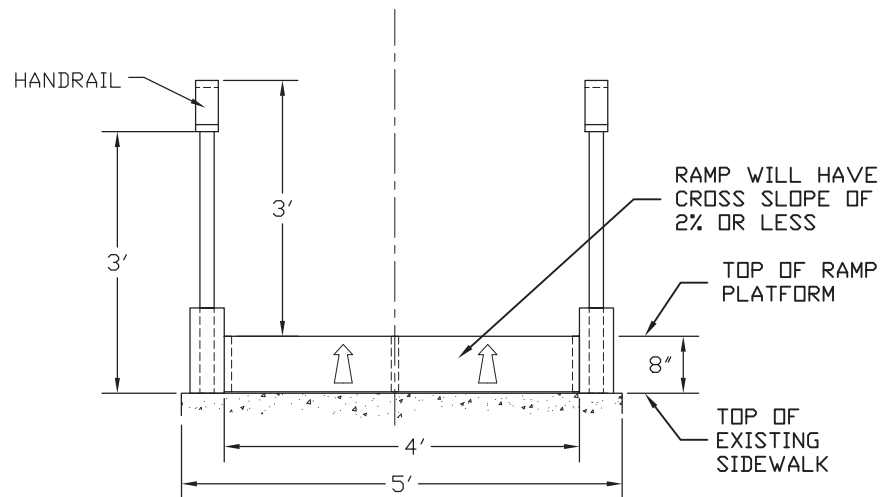
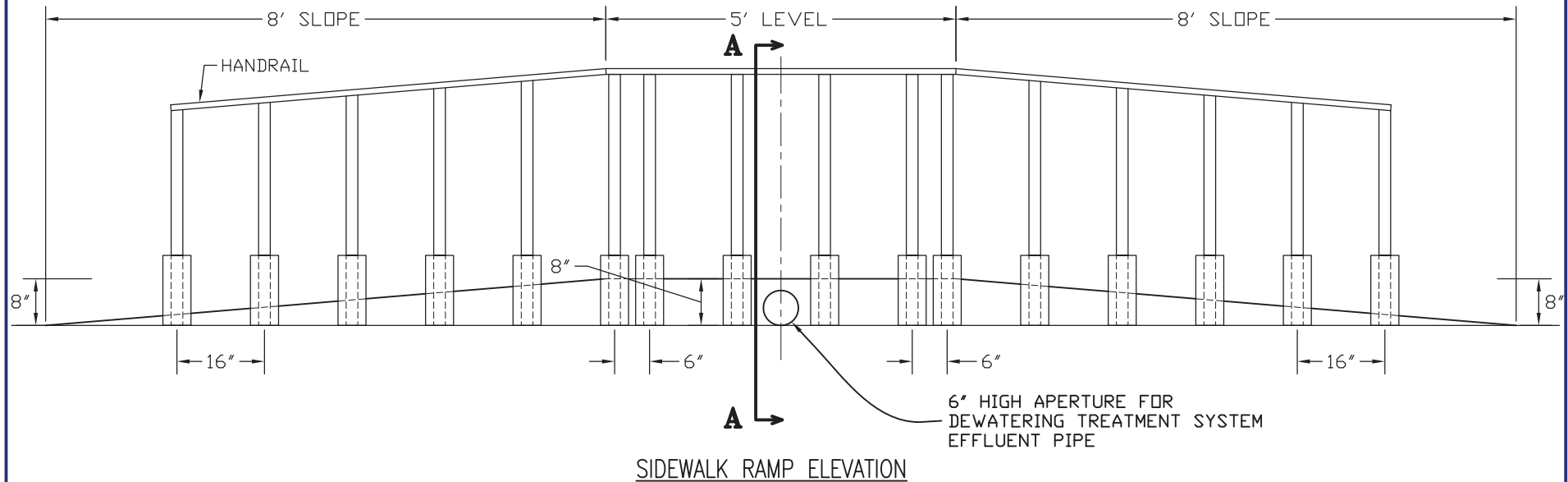
RELATED PERMITS

Environmental Resource Permit Status:	An Environmental Resource/Surface Water Management permit is not required.
Right Of Way Permit Status:	Right Of Way permit is not required.
Diversion and impoundment Permit Status:	The project does not have a Diversion and Impoundment Permit.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Comments & Attached Files		
Comments	Filename & File Size	
	205443_describe the dewatering operation_20181018.pdf	17 KB
	205443_fdep npdes noi permit20181018.pdf	167 KB

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018



DRAFTED BY: W.A.W. (N.J.)	SIDEWALK RAMP DETAILS	
CHECKED BY:	CUMBERLAND FARMS, INC.	
REVIEWED BY: S.H.K.	NW corner of Sunrise Blvd. and NE 4th Ave. Fort Lauderdale, Florida	
	Groundwater & Environmental Services, Inc. 6500 N W 12th AVENUE, SUITE 119, FORT LAUDERDALE, FLORIDA	
	SCALE IN FEET 0 2.5	DATE 12/6/2018
		FIGURE 1

Approved
2015-12-11
Imhotep Duncan
12/11/2018

Special Conditions:

Please call for a preconstruction meeting and final inspection. Broward Operations (954)776-4300

1. Permittee is cautioned that utilities may be located within the construction area.
2. A copy of this permit and plans will be on the job site at all times during the construction of this facility
3. Permittee must schedule a pre-construction meeting with FDOT prior to the commencement of permitted work and prior to Lane closure request.
4. Lane closure request at <https://lcis.dot.state.fl.us/>. Must be submitted 14 days prior to date of closure. Lane closure hours are from 9:00am to 4:00pm. Night time lane closure can be requested only between the hours of 9:00pm to 5:00am.
5. Permittee shall notify the FDOT a minimum of 2 work days prior to starting work and again immediately upon completion work. Contact Emails are: Vikrant.Srivastava@dot.state.fl.us ; Don.Preston@dot.state.fl.us ; Valerie.Garland@dot.state.fl.us ; Bent, Howard Howard.Bent@dot.state.fl.us; Anthony Beecher Anthony.Beecher@dot.state.fl.us; Imhotep Duncanson Imhotep.Duncanson@dot.state.fl.us
6. Failure to comply with these conditions will result in the Permit being revoked.

Approved
2018-K-491-00127
Imhotep Duncanson
12/11/2018

Cumberland Farms Proposed Dewatering Activities

Owner/Applicant Signature Authorization

Project Name: Cumberland Farms – Fort Lauderdale (Sunrise Blvd & NE 4th Avenue)

Application and/or Permit # (if available): 181126-11 (06-07809)

I hereby designate and authorize the agent listed below to act on my behalf, or on behalf of my corporation, as the agent in the processing of this application for the permit and/or proprietary authorization indicated above; and to furnish on request supplemental information in support of this application. In addition, I authorize the below-listed agent to bind me, or my corporation, to perform any requirement which may be necessary to procure the permit or authorization.

I understand that knowingly making any false statement or representation in this application is a violation of Section 373.430, F.S. and 18 U.S.C Section 1001.

Printed Name of Authorized Agent: Sarah Keffer

Signature of Authorized Agent: 

Date: 11/30/2018

Typed/Printed Name of Owner/Applicant: Christopher Johnson

Corporate Title if Applicable: Environmental Manager Environmental Affairs

Signature of Owner/Applicant: 

Date: 12/4/18

~~Commonwealth~~
~~STATE OF MASSACHUSETTS~~

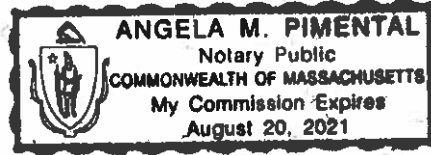
COUNTY OF WORCESTER

On this 4th day of December 2018, before me, the undersigned officer, personally appeared Christopher Johnson, who acknowledged himself to be the Senior Environmental Project Manager of Cumberland Farms, Inc., whose name is subscribed to this Owner Authorization, and acknowledged that he executed same for the purposes therein contained.

Cumberland Farms Proposed Dewatering Activities

In witness whereof, I hereunto set my hand and official seal.

Notary Public: Angela M. Pimental
Angela M. Pimental



My Comm. Expires: August 20, 2021