



**COLLEEN A. TAYLOR**  
CLERK OF COMMITTEES

**CITY OF FALL RIVER, MASSACHUSETTS**  
**CITY COUNCIL**

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CITY CLERK \_\_\_\_\_  
FALL RIVER, MA  
**INES LEITE**  
ASSISTANT CLERK OF COMMITTEES

March 30, 2016

Dear Councilor,

A meeting of the City Council Committee on Health and Environmental Affairs has been scheduled for Tuesday, April 5, 2016 at 5:00 p.m. in the Council Chamber, Government Center to consider the following items:

1. Mass D.E.P. re: gas collection system installation (tabled 9-1-15)
2. Resolution – request discussion regarding recycling options (adopted 2-23-16)
3. Communication from city resident regarding the sale of St. Vincent's Property (referred 3-22-16)

You are respectfully requested to attend this meeting.

Very truly yours,

Colleen A. Taylor  
Clerk of Committees

Committee Members:  
S. Camara, Chr.  
J. Camara  
R. Mitchell

**ADA Coordinator:**  
**Gary P. Howayeck, Esq. 508-324-2650**



Commonwealth of Massachusetts  
Executive Office of Energy & Environmental Affairs

# Department of Environmental Protection

Southeast Regional Office • 20 Riverside Drive, Lakeville MA 02847 • 508-946-2700

DEVAL L. PATRICK  
Governor

RICHARD K. SULLIVAN JR.  
Secretary

KENNETH L. KIMMELL  
Commissioner

CITY CLERK  
FALL RIVER, MA

2014 FEB 11 AM 11:02

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FAX COVER SHEET

FAX # (508) 947-6557

DATE: 2/10/14 FROM: Roslyn Reimao  
Telephone (508) 946-2863

PLEASE DELIVER TO: 1) Mayor  
2) City Council

TELECOPIER NUMBER: (508) 324-2626  
(508) 324-2211

TOTAL NUMBER OF PAGES: 4 (1/3) (1-sided/2-sided) (INCLUDING THIS COVER PAGE)

PLEASE CALL IF YOU DO NOT RECEIVE A COMPLETE FAX.

REMARKS: Fall River - BFI Conditional Approval

CITY OF FALL RIVER  
IN CITY COUNCIL

FEB 11 2014

Ref to Com on  
Health &  
Environmental  
Affairs

Dan Conrick

tabled 9-1-15





Commonwealth of Massachusetts  
Executive Office of Energy & Environmental Affairs

## Department of Environmental Protection

Southeast Regional Office • 20 Riverside Drive, Lakeville MA 02347 • 508-946-2700

DEVAL L. PATRICK  
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Secretary

KENNETH L. KIMMELL  
Commissioner

COPY

February 5, 2014

Mr. Christopher October  
Browning-Ferris Industries, Inc. (MA)  
1080 Airport Road  
Fall River, Massachusetts 02720

RE: **CONDITIONAL APPROVAL**  
Application for: BWP SW 11  
Landfill – Major Modification  
Gas Collection System Installation  
Area 3 Expansion - Stage 2 and 3 Construction

AT: BFI Fall River Landfill  
1080 Airport Road  
Fall River, MA 02720  
Facility Number: 132278  
Regulated Object No. 172513

Transmittal Number: X258716

Dear Mr. October:

The Massachusetts Department of Environmental Protection (“MassDEP”) has completed its administrative review and technical review of the Landfill – Major Modification permit application (“Application”) for Landfill Gas System Installation Stages 2 and 3 of the Area 3 Expansion of the Browning-Ferris Industries (“BFI”) Fall River Landfill (“Landfill”) and determined the application is technically complete. MassDEP hereby approves the Application, subject to the conditions herein.

### SUBMITTALS

The following submittals represent the complete Application reviewed by MassDEP under 310 CMR 19.000 *Solid Waste Management Regulations*.

An original application package received by MassDEP on January 29, 2014, comprised of the following documents:

1. A transmittal form assigned Transmittal Number X258716, a BWP SW 11 application form for a Landfill – Major Modification;

2. A cover letter prepared by SITEC Environmental, Inc., ("SITEC"), dated January 24, 2014;
3. A bound document entitled "Browning-Ferris Industries, Inc. (MA) Fall River Landfill, Landfills Major Modification (BWP SW 11), Transmittal No. X258716, Area 3 Expansion, Landfill Gas Collection System Stages 2 and 3 Construction, January 2014"; and
4. A set of three 24"x 36" drawings prepared by SITEC entitled "BFI Fall River Landfill, Landfill Gas Collection System Installation, Area 3, Stages 2 & 3 LCGS."
  - SP-1 Area 3 Expansion, Site Plan
  - DET-1, Construction Details
  - DET-2, Construction Details

## **PROJECT BACKGROUND**

The BFI Fall River Landfill is located at 1080 Airport Road, Fall River, Massachusetts on a 200-acre parcel of land that was site assigned by the City of Fall River Health Department on February 24, 1982. Thereafter, the Landfill has been constructed in phases.

On April 12, 2010, MassDEP issued a Final Approval for a Landfill – Major Expansion permit application ("Application") (BWP SW 26, Transmittal No. X223722) authorizing construction of the Area 2 Expansion Project at the Landfill. On March 14, 2011, MassDEP issued an approval authorizing operation of the Area 2 Expansion (BWP SW 10, Transmittal No. X236312). A Final Authorization to Construct permit (BWP SW 26, Transmittal No. X250785) was issued by MassDEP for the Area 3 Expansion on August 23, 2012, and on March 13, 2013, MassDEP issued an approval authorizing operation of the Area 3 Expansion (BWP SW 10, Transmittal No. X254196).

Site plans depicting conceptual layouts for the Area 2 Expansion and Area 3 Expansion landfill gas collection systems were submitted within the expansion Authorization to Construct permit applications. The proposed landfill gas collection systems have been further refined from the original conceptual layouts and BFI is installing landfill gas collection components in stages. Area 2 Expansion Stage 1 and Stage 2 Landfill Gas Collection System work was approved by MassDEP on December 6, 2011 (BWP SW 11, Transmittal No. X241112). Area 2 Expansion Stage 3 work and Area 3 Expansion Stage 1 work was approved by MassDEP on April 17, 2013 (BWP SW 11, Transmittal No. X254942). Area 3 Expansion, Stage 2 and Stage 3 work to be performed in 2014 is the subject of the Application approved herein.

## **EXISTING GAS COLLECTION AND CONTROL SYSTEM DESIGN**

The main section of the Fall River Landfill consists of areas designated Phase I and Phase II. The Phase I and II landfill gas collection system currently consists of vertical gas extraction wells, horizontal gas collection trenches, and connections to leachate collection system cleanouts. The landfill gas header system in Phases I and II consists of a 16-inch header pipe installed on the lower half of the slope around the entire landfill mound. Four 8-inch diameter headers provide connections across the central and upper areas of the landfill mound. Gas collectors are connected to the main header pipes via 4-inch and 6-inch laterals.

The existing landfill gas control system is located at the south side of Phase I and includes a power plant facility and two enclosed flare systems. The power plant facility consists of two 975

kW Waukesha 7042 GLD engine/generator packages and one 5,000 kW Taurus 60 Solar turbine and is utilized as the primary landfill gas control device. The flare system includes two Callidus enclosed flares, two Lansom blowers, two control racks, and associated landfill gas control piping and electric control equipment and is used as the backup control device when the power plant facility is offline or operating at reduced capacity.

### **CURRENT APPLICATION PROPOSAL**

The proposed Area 3 Expansion Stage 2 and Stage 3 work is comprised of the following main components:

- The installation of two horizontal gas collection trenches (HC-605a and HC-606a) on the southerly and northerly sides of the Area 3 Expansion, constructed of 6-inch diameter perforated HDPE SDR-11 pipe, backfilled with crushed stone. HC-605a will connect to existing horizontal collector HC-605 and HC-606a will connect to existing horizontal collector HC-606. Each new horizontal collector will also connect to a new remote wellhead;
- The installation of eleven vertical landfill gas extraction wells (EW-605 through EW-615);
- The connection of one leachate collection pipe clean-out riser (LC-608) along the southerly perimeter of the Area 3 Expansion;
- The installation of approximately 800 feet of 10-inch diameter HDPE gas header pipe, and 4-inch diameter HDPE gas lateral pipes to connect the horizontal collectors and vertical wells to the existing landfill gas collection system; and

The vertical gas extraction wells will be installed when sufficient depth of waste is in place to facilitate installation and proper operation of vertical wells. Vertical wells will be installed with a minimum of ten foot of separation from the liner system to ensure protection of the liner, and with a minimum screen length of ten feet to ensure adequate gas collection is achieved. All well locations will be surveyed just prior to well installation to ensure that proper well depths are calculated.

Each vertical extraction well will consist of the following components to be installed within the 36-inch diameter well borehole:

- a 6-inch diameter HDPE perforated pipe (or schedule 80 PVC) well screen with a HDPE end cap joined to a 6-inch diameter SDR-11 HDPE (or schedule 80 PVC) solid well riser. The top of the 6-inch diameter SDR-11 HDPE (or schedule 80 PVC) solid well riser will extend a minimum of 6-feet above top of final cover system. A Landtec Vertical Accu-Flo Wellhead Assembly or equal will be attached to the well riser or a remote wellhead;
- One inch to two inch washed stone gravel pack placed around the well screen to a minimum of 2-feet above the top of the well screen;
- A geocomposite well washer to provide a separation between the washed stone gravel pack and the clean soil plug above;
- A one foot thick clean soil plug to provide a separation between the well washer and the bentonite plug above; and

- Two 2-foot thick bentonite plugs separated by clean soil.

The horizontal gas collectors will consist of 6-inch diameter perforated HDPE piping embedded in a shallow trench, and backfilled with crushed stone. Remote wellheads will be installed with the horizontal gas collectors so that the landfill gas flow can be controlled.

### **APPROVAL AND CONDITIONS**

MassDEP has determined the permit modification application is satisfactory and, in accordance with the authority granted pursuant to Massachusetts General Laws, Chapter 111, Section 150A, hereby approves the installation of the landfill gas system as submitted in the Application and described herein, subject to the following Conditions:

1. MassDEP and the Fall River Board of Health shall be advised, both verbally (i.e. telephone) and in writing regarding the initiation and completion of construction activities.
2. During construction, every effort shall be made to prevent the emission of odors and the creation of any nuisance conditions. Appropriate measures to avoid offsite nuisance odor conditions must be implemented. Construction activity shall temporarily cease until nuisance conditions are mitigated, should control efforts prove to be ineffective in preventing odors or other nuisance conditions under the existing working and atmospheric conditions.
3. All work shall be completed as shown on the two SITEC drawings submitted within the Application, unless otherwise required or approved by MassDEP. In the event that it becomes necessary to deviate from the approved design, MassDEP shall be advised and shall determine whether a permit modification is warranted.
4. All operations and activities shall fully comply with all applicable local, state and federal laws, regulations and policies, by-laws, ordinances and agreements relative to the activities associated with this project. Applicable federal regulations shall include, but are not limited to 29 CFR Part 1910, OSHA standards governing employee health and safety in the workplace. The Contractor shall adhere to the Health and Safety Plan required by the project Technical Specifications to be submitted to BFI by the Contractor.
5. Within sixty (60) days of completion of construction activities in each stage, MassDEP shall be provided with "as-built" plans and a summary report prepared by a Massachusetts Registered Professional Engineer certifying that construction was performed in accordance with the approved Application.
6. BFI shall comply with all applicable state (310 CMR 7.00 Air Pollution Control Regulations) and federal air pollution control regulations.

## **PERMIT LIMITATIONS**

The issuance of this approval is limited to the gas collection system installation for the Area 3 Expansion and does not relieve BFI from the responsibility to comply with all other regulatory or permitting requirements. MassDEP reserves the right to require additional assessment or action, as deemed necessary to protect and maintain the environment free from objectionable nuisance conditions, dangers or threats to public health, safety, and the environment.

### **Review of Decision**

Pursuant to 310 CMR 19.037(4)(b), if BFI is aggrieved by MassDEP's decision to issue this Permit, it may within twenty-one days of the date of issuance file a written request that the decision be deemed provisional, and a written statement of the basis on which BFI believes it is aggrieved, together with any supporting materials. Upon timely filing of such a request, the decision shall be deemed a provisional decision with an effective date twenty-one days after MassDEP's receipt of the request. Such a request shall reopen the administrative record, and MassDEP may rescind, supplement, modify, or reaffirm its decision. If MassDEP reaffirms its decision, the decision shall become final on the effective date. Failure by BFI to exercise the right provided in 310 CMR 19.037(4)(b) shall constitute waiver of the Applicant's right to appeal.

### **Right to Appeal**

This decision has been issued pursuant to M.G.L. Chapter 111, Section 150A, and 310 CMR 19.037. Pursuant to 310 CMR 19.037(5), any person aggrieved by the issuance of this decision, except as provided for under 310 CMR 19.037(4)(b), may file an appeal for judicial review of said decision in accordance with the provisions of M.G.L. Chapter 111, Section 150A and M.G.L. Chapter 30A not later than thirty days following receipt of the final decision. The standing of a person to file an appeal and the procedures for filing such appeal shall be governed by the provisions of M.G.L. c. 30A. Unless the person requesting an appeal requests and is granted a stay of the terms and conditions of the decision by a court of competent jurisdiction, the decision shall remain effective or become effective at the conclusion of the 30 day period.

### **Notice of Appeal**

Any aggrieved person intending to appeal the final decision to the superior court shall provide notice to MassDEP of the intention to commence such action. Said notice of intention shall include the MassDEP File (Transmittal) Number X258716 and shall identify with particularity the issues and reason (s) why it is believed the final decision was not proper. Such notice shall be provided to the Office of General Counsel of MassDEP and the Regional Director for the regional office that made the decision. The appropriate addresses to send such notices are:

Office of General Counsel  
Department of Environmental Protection  
One Winter Street  
Boston, MA 02108

Philip Weinberg, Regional Director  
Department of Environmental Protection  
20 Riverside Drive  
Lakeville, MA 02347



No allegation shall be made in any judicial appeal of this final decision unless the matter complained of was raised at the appropriate point in the administrative review procedures established in 310 CMR 19.000, provided that matter may be raised upon showing that it is material and that it was not reasonably possible with due diligence to have been raised during such procedures, or that matter sought to be raised is of critical importance to the public health or environmental impact of the permitted activity.

If you have any questions or comments regarding this approval letter, feel free to contact me at (508) 946-2847, or Dan Connick at (508) 946-2884, or at the letterhead address.

Very truly yours,



Mark Dakers, Chief  
Solid Waste Management Section

D/DC/r

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fc: William A. Flanagan, Mayor  
City of Fall River, City Hall  
One Government Center  
Fall River, MA 02772  
Fax No. (508) 324-2626

Fall River City Council  
City Hall  
One Government Center, 2<sup>nd</sup> Floor  
Fall River, MA 02722  
Fax No. (508) 324-2211

ec: Representative Fiola  
[Carole.Fiola@mahouse.gov](mailto:Carole.Fiola@mahouse.gov)

Fall River Board of Health  
[hvaillancourt@fallriverma.org](mailto:hvaillancourt@fallriverma.org)

Mike Quatromoni, SITEC Environmental, Inc.  
[mquatromoni@sitec-engineering.com](mailto:mquatromoni@sitec-engineering.com)

DEP-Boston  
ATTN: J. Doucett

DEP-SERO  
M. Pinaud  
L. Black  
T. Cushing

City of Fall River, In City Council

(Councilor Steven A. Camara)  
(Councilor Raymond A. Mitchell)

WHEREAS, the Administration has eliminated the position of Recycling Coordinator, and

WHEREAS, recycling and reusing disposed items as well as reducing the amount of recyclables, reusables, as well as solid waste, must be among the highest priorities of governments, businesses and individuals, and

WHEREAS, reducing the amount of solid waste entering the so-called "waste stream" is of paramount importance as we, locally, address the international issue of global warming and the related issue of excessive solid waste disposal, now therefore

BE IT RESOLVED, that the City Council Subcommittee on Health and Environmental Affairs convene and invite administration representatives and area experts on sustainability to discuss the current state-of-affairs concerning recycling as well as the reuse and reduction of solid waste and disposable products, and

BE IT FURTHER RESOLVED, that a firm commitment be made to recycle and reuse disposables generated by municipal governments, residents and businesses and that the status of reducing the amount of solid waste entering the waste stream be reviewed and evaluated.

In City Council, February 23, 2016  
Adopted

A true copy. Attest:

*Alison M. Bouchard*  
City Clerk

March 8, 2015

From: The Rev. James Hornsby  
260 Lake Avenue Fall River MA 02721 5423  
Rector Emeritus, St. Luke's Episcopal Church and Secretary, Green Futures

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2015 MAR 15 P 12:31  
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FALL RIVER, MA

To: Mr. Jack Weldon, Executive Director, St. Vincent's Home  
The Hon. Jasiel Correia II, Mayor of Fall River

cc. Green Futures, Diocese of Fall River, Fall River City Council

Re: Sale of St. Vincent's Property

First, I express my disappointment at the recently announced plan for housing development on the property, rather than an urban farm. The proposed farm reflected a desire of many to have an educational opportunity for Fall River and area residents in a working farm, as well as to preserve a green space. The proposal, funded in part by a state grant given in December, was to be augmented with CPA funding and possibly other sources. Unfortunately, this plan fell through, and the hopes and hard work of a number of people for many years seem gone. I and others are truly disappointed, as we thought the farm a "done deal". This deal was cancelled rapidly, and another bidder selected.

One purpose of this letter, then, is to express lament. The letter also tells you that I and the environmental community stand ready to try again. Should you reconsider, or should the re-development with housing prove too difficult or otherwise fail, please contact me along with others in the wider community. We will endeavor again to put together a workable package.

Thank you for your attention.

Yours sincerely,

*James H. Hornsby*

The Rev. James H. Hornsby

CITY OF FALL RIVER  
IN CITY COUNCIL  
MAR 22 2015

*A/C & placed on file  
and referred to the  
Committee on Health and  
Environmental Affairs,  
7 years (Cs. Cabeciras  
abstained, Cs. Long absent)*