



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI
GOVERNOR

DAVID P. LITTELL
COMMISSIONER

Bruce A. Manzer, Inc. )
Franklin County ) DEPARTMENTAL
Phillips, Maine ) FINDINGS OF FACT AND ORDER
A-731-71-I-M (SM) ) AIR EMISSION LICENSE
) AMENDMENT #1

After review of the air emission license application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction:

Bruce A. Manzer, Inc., (Manzer) located in Franklin County, Maine was issued Air Emission License A-731-71-H-R/A on July 14, 2008, permitting the operation of a hot mix asphalt plant and portable rock crushing facility.

Manzer currently has an annual fuel limit of 10,000 gallons of #2 fuel oil fired in the EP2 Genset, and 35,000 gallons in the remaining diesel units. Manzer has requested an amendment to adjust these limits to 24,000 gallons of #2 fuel oil in the EP2 Genset, and 21,000 gallons in the remaining diesel units.

B. Application Classification:

This amendment will increase emissions by less than 4 ton/year for each single pollutant and less than 8 ton/year for all pollutants combined. Therefore, this modification is determined to be a minor revision and has been processed as such.

II. BEST PRACTICAL TREATMENT

A. Introduction

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in Definitions Regulation, 06-096 CMR 100 (last amended December 24, 2005). Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for existing emissions equipment means that method which controls or reduces emissions to the lowest possible level considering:

- the existing state of technology;

AUGUSTA 17 STATE HOUSE STATION AUGUSTA, MAINE 04333-0017 (207) 287-7688 FAX: (207) 287-7826 RAY BLDG., HOSPITAL ST.
BANGOR 106 HOGAN ROAD BANGOR, MAINE 04401 (207) 941-4570 FAX: (207) 941-4584
PORTLAND 312 CANCO ROAD PORTLAND, MAINE 04103 (207) 822-6300 FAX: (207) 822-6303
PRESQUE ISLE 1235 CENTRAL DRIVE, SKYWAY PARK PRESQUE ISLE, MAINE 04769-2094 (207) 764-0477 FAX: (207) 760-3143

- the effectiveness of available alternatives for reducing emissions from the source being considered; and
- the economic feasibility for the type of establishment involved.

B. Annual Licensed Facility Emissions:

- a. Manzer shall be limited to 630,000 gal/yr of #2 fuel oil which meets the criteria in ASTM D396 on a calendar year basis, in AP1 and AP2.
- b. EP2 shall be limited to 24,000 gallons of #2 fuel oil which meets the criteria in ASTM D396 per calendar year.
- c. The remaining diesel units shall be limited to 21,000 gallons combined of diesel fuel per calendar year, with a sulfur content not to exceed 0.05%.
- d. Manzer shall be limited to the following annual emissions, based on a calendar year:

**Total Allowable Annual Emissions for the Facility**  
 (used to calculate the annual license fee)  
 (Tons/Year)

	PM	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
AP1 and AP2	3.9	3.9	22.2	6.6	15.6	3.8
EP2	0.2	0.2	0.9	7.3	1.6	0.6
Diesel Units	0.2	0.2	0.1	6.5	1.4	0.5
<b>Total</b>	<b>4.3</b>	<b>4.3</b>	<b>23.2</b>	<b>20.4</b>	<b>18.6</b>	<b>4.9</b>

**III. AMBIENT AIR QUALITY ANALYSIS**

According to the 06-096 CMR 115, the level of air quality analyses required for a renewal source shall be determined on a case-by case basis. Based on the above total facility emissions, Manzer is below the emissions level required for modeling and monitoring.

**ORDER**

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-731-71-I-M, subject to the conditions found in A-731-71-H-R/A, and the following conditions:

Bruce A. Manzer, Inc.  
Franklin County  
Phillips, Maine  
A-731-71-I-M(SM)

) DEPARTMENTAL  
) FINDINGS OF FACT AND ORDER  
) AIR EMISSION LICENSE  
3 AMENDMENT #1

Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

### SPECIFIC CONDITIONS

The following shall replace Specific Conditions 18(C) and 18(D) in Air Emission License A-731-71-H-R/A.

(18) Diesel Units

- C. Except for EP2, the diesel units shall be limited to firing 21,000 gallons combined of diesel fuel with a sulfur content not to exceed 0.05% on a calendar year basis. Fuel use records for the diesel units shall be maintained for compliance purposes. [06-096 CMR 115, BPT]
- D. EP2 shall be limited to firing 24,000 gallons of #2 fuel oil which meets the criteria in ASTM D396 on a calendar year basis. Fuel use records for EP2 shall be maintained for compliance purposes. [06-096 CMR 115, BPT]

The following is a new condition:

- (1) Manzer shall keep a copy of this Order on site, and have the operator(s) be familiar with the terms of this Order. [06-096 CMR 115, BPT]

DONE AND DATED IN AUGUSTA, MAINE THIS *26th* DAY OF *June* 2009.  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: *James P. Bradley*  
DAVID P. LITTELL, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-731-71-H-R/A.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 9/25/2008

Date of application acceptance: 10/16/2008

Date filed with the Board of Environmental Protection:

This Order prepared by Jonathan Voisine, Bureau of Air Quality.

