



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



PAUL R. LEPAGE
GOVERNOR

PATRICIA W. AHO
COMMISSIONER

**Savage Services Corporation
Androscoggin County
Auburn, Maine
A-702-71-J-M**

**Departmental
Findings of Fact and Order
Air Emission License
Amendment #3**

FINDINGS OF FACT

After review of the air emission license amendment application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 Maine Revised Statutes Annotated (M.R.S.A.), §344 and §590, the Maine Department of Environmental Protection (Department) finds the following facts:

I. REGISTRATION

A. Introduction

Savage Services Corporation (Savage) was issued Air Emission License A-702-71-G-R/A on March 7, 2013 permitting the operation of emission sources associated with their bulk material handling facility. The license was subsequently amended on April 1, 2014 (A-702-71-H-A) and June 24, 2014 (A-702-71-I-M).

Savage has requested a minor revision to their license in order to expand their talc system.

The equipment addressed in this license is located at 123 Rodman Road, Auburn, Maine.

B. Emission Equipment

The following equipment is addressed in this air emission license:

Process Equipment

<u>Equipment</u>	<u>Pollution Control Equipment</u>
Talc Transfer, Storage, and Processing	Dust Collectors

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD, SUITE 6
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
(207) 764-0477 FAX: (207) 760-3143

C. Application Classification

This amendment will not increase licensed emissions of any pollutant. Therefore, this amendment is determined to be a minor revision and has been processed as such.

II. **BEST PRACTICAL TREATMENT (BPT)**

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 (as amended). Separate control requirement categories exist for new and existing equipment.

BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in *Definitions Regulation*, 06-096 CMR 100 (as amended). BACT is a top-down approach to selecting air emission controls considering economic, environmental and energy impacts.

B. Talc Transfer Process, Storage Silos, & Slurry Processing

Pressure differential rail cars deliver pelletized dry talc to storage silos #1 and #2. The talc is pneumatically conveyed to receivers #1 and #2, which deliver it to two kady mills (mixers) that mix the talc with heated water to form a slurry. The processed talc slurry is then transferred to two 20,000 gallon slurry storage tanks and finally to tank trucks for shipment to paper mills. Three fabric filter dust collectors control particulate matter throughout the process. One filter serves both storage silos and is operated during talc deliveries; particulate emissions from each of the pneumatic receivers are controlled by the remaining two filters. Local exhaust air is also used to control fugitive dust during talc unloading from the differential cars.

In addition to the current railcar to storage silo process, Savage has requested the transfer process be expanded to include transfer of talc from railcar to trailer. A portable blower will be used which is equipped with fabric filter dust collectors similar to the current process.

To meet the requirements of BACT for control of PM, emissions from the talc transfer process shall be vented through fabric filters maintained for 99% removal efficiency. Visible emissions from each of the fabric filters shall be limited to 5% opacity on a 6-minute block average basis, except for no more than one (1) six (6) minute block average in a 1-hour period. All components of the talc slurry plant and transfer operations shall be maintained to prevent PM leaks.

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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, and
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-702-71-J-M subject to the conditions found in Air Emission License A-702-71-G-R/A, in amendments A-702-71-H-A and A-702-71-I-M, and in the following conditions.

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.

The following shall replace Condition (17)(A) of Air Emission License A-702-71-G-R/M:

(17) Process Equipment

- A. Particulate emissions from the talc transfer process, storage silos #1 and #2, and pneumatic receivers #1 and #2 shall be vented through fabric filters. The fabric filters and all components of the facility shall be maintained so as to prevent excess emissions and PM leaks. [06-096 CMR 115, BACT]

DONE AND DATED IN AUGUSTA, MAINE THIS 26 DAY OF August, 2015.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: Marc Allen Robert Corne for
PATRICIA W. AHO, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-702-71-G-R/M.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 7/29/15

Date of application acceptance: 7/29/15

Date filed with the Board of Environmental Protection:

This Order prepared by Lynn Muzzey, Bureau of Air Quality.

