

DEPARTMENT OF THE TREASURY
ALCOHOL AND TOBACCO TAX AND TRADE BUREAU (TTB)
REGISTRATION OF DISTILLED SPIRITS PLANT

(Prepare in duplicate. See instructions below.)

1. SERIAL NUMBER (Begin with "1" for original registration)

04

2. EIN 22-3747787

5. PLANT NUMBER

DSP VA 33

3. TO: DIRECTOR, NATIONAL REVENUE CENTER, ALCOHOL AND TOBACCO TAX AND TRADE BUREAU

4. DATE

8/15/08

6. NAME AND PRINCIPAL BUSINESS ADDRESS OF APPLICANT (Name and street, city, county, State, and ZIP code. If rural address, show county, name or number of highway, approximate distance and direction from applicant's post office, and ZIP code.)

7. PLANT ADDRESS (If different from address in Item 5)

MXI Environmental Services, LLC
 297 Zimmerman Lane
 Langhorne PA 19047

26319 Old Trail Road
 Abingdon VA 24210

8. OPERATIONS TO BE CONDUCTED (Check applicable boxes)

- DISTILLER WAREHOUSEMAN
 PROCESSOR WHO: DENATURES BOTTLES MANUFACTURES ARTICLES

9. PURPOSE FOR WHICH FILED (Such as original registration, extension of premises, changes in equipment, etc. Give brief description of changes)

1. Change of personnel authorization
 2. Expansion of Plant Equipment

10. This application includes: (1) this form; (2) the papers and documents (including revisions) which are being submitted for the first time, and which are listed in Items 9A and 9B; (3) the current papers and documents of the latest approved Form TTB 5110.41, Serial No. 3, which are listed in Items 10A-1 and 10B-1; and (4) the supporting organizational documents filed in connection with another establishment but incorporated in this application by reference, and listed below in Item 10C.

10A. PAGES ATTACHED TO THIS FORM:
 1-5, ~~Attachment A~~

10A-1. PAGES FROM CURRENT APPROVED FORM TTB F 5110.41:
~~0~~ Attachment A

10B. ORGANIZATIONAL DOCUMENTS ATTACHED TO THIS FORM: (List each document)
 0

10B-1. ORGANIZATIONAL DOCUMENTS FILED WITH PRIOR APPROVED FORM TTB F 5110.41: (List each document)
 Certificate of Formation
 Operating Agreement
 Certification and Resolution

10C. ORGANIZATIONAL DOCUMENTS FILED IN CONNECTION WITH ANOTHER ESTABLISHMENT BUT INCORPORATED IN THIS APPLICATION BY REFERENCE: (List each document, and show the name or plant number under which filed)

N/A

Under penalties of perjury, I declare that I have examined this application, including accompanying documents, statement of security, and those documents incorporated in the application by reference, and to the best of my knowledge and belief it is true, correct, and complete.

11. SIGNATURE


12. TITLE
 Managing Member

PART II - NOTICE OF REGISTRATION

Registration is approved, effective _____

SIGNATURE AND TITLE OF TTB OFFICIAL, ALCOHOL AND TOBACCO TAX AND TRADE BUREAU

DATE


 DIRECTOR, NATIONAL REVENUE CENTER

OCT 16 2008

1. a. Operating and Basic Permits

Operating Permit: DSP-VA-33

Basic Permit: MXI does not hold a base permit.

Bond: ATF Form 5110.56 was filed for operations in the amount of \$200,000 with our surety company, The Hartford Fire Insurance Company. This bond is in the maximum penal sum for the proposed operation.

1. b. List of Offices

Responsible Party:	Mr. Ronald Potter	Managing Member	908-693-8647
	Brain Potter	Terminal Manager	276-628-6636
	Tony Skeen	Field Service Manager	276-628-6636

1. c. Type of Organization

Type of Organization	Persons Owning Business	Residence
Limited Liability Corporation	Ronald S. Potter – 100% Owner	27 Sutton Road Lebanon, NJ 08833

Certificate of Incorporation and Operating Agreement for LLC were attached to the original application as called for in item 9b of ATF 5110.41 to Form 5110.25

1. d. Description of the Spirits Plant

Purpose of Plant: the facility process ethanol-based product that are either recaptured at the Materials Recovery Facility (MRF) that is collocated with the Distilled Spirits Plant (DSP) or received in bulk in the DSP. The currently permitted facility consists of a packed column and a molecular sieve that re-distills industrial ethanol. MXI is adding a 42" bubble cup column and replacing the boiler at the plant. A drawing of the new column has been provided.

1. e. Major Equipment

The plant involved consists of the following:

Type of Activity	Type of Unit	Capacity	Manufacturer Identification	MXI ID
Generate Steam	Oil Fired Steam Boiler	400 HP 4 pass steam	Serial No. S 2000-150-91	
Distillation	42" Bubble Cup Column	7,000 Gal/24hr.	Assemble by International Technical Services	
	Stripper Column	17 trays		
	Rectifying Column	73 trays		
Distillation	15" / 56' Packed Column	2,000 Gal/24 hr.	Assembled by MXI	
Drying	Molecular Sieve	7,000 Gal/24 hr.	Assembled by MXI	
Condensation	Evaporator (2)		Assembled by MXI	
Storage	Fiber Glass Tank	6,250 Gallons	Serial No. 3575	1
	Stainless Steel Tank	8,000 Gallons	Serial No. 47095	2
	Stainless Steel Tank	11,000 Gallons	Serial No.	3
	Tri-wall Steel	2 @ 4,000 Gallon	Serial No. 152953,54	4&5
	Stainless Steel Tank	13,500 Gallons	Serial No. 10654	6
	Stainless Steel Tank	13,500 Gallons	10654	7
	Stainless Steel Tank	13,500 Gallons	10654	8
	Stainless Steel Tank	13,500 Gallons	10654	9

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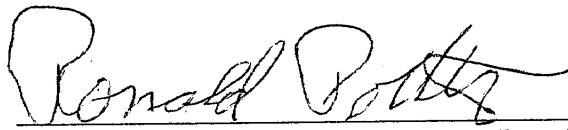
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Serial Number 4

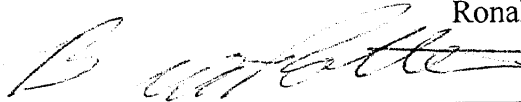
1. f. Certification of Record Keeping

As required in item 1.f. of form 1512-02 the following is a certification that MXI Environmental Services LLC will maintain the records required to determine tax liability.

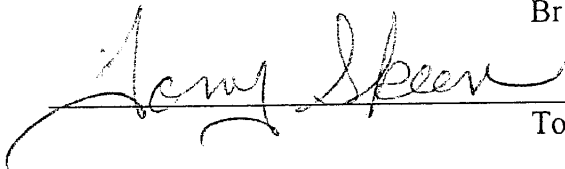
This will certify that MXI Environmental Services LLC has record keeping procedures in place that are in accordance with generally accepted accounting principles that will allow it to file a correct Distilled Spirits Tax Return and to determine if it is liable for distilled spirits taxes.



Ronald S. Potter

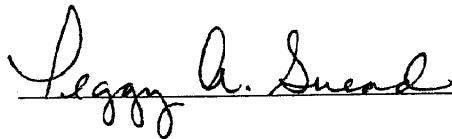


Brian Potter



Tony Skeen

Subscribed and sworn to before me this 11th day of September
2008



04/30/2011 198366
Notary Public

1. h. Distillation/Production

Distiller

Daily Capacity: Distillation estimated at 7,000 gallons per 24 hours, drying estimated at 7000 gallons per 24 hours.

Production Procedure: Ethanol based materials that are not in bulk are accumulated at the MRF, which is operated by MXI Environmental LLC. The DSP is located at the same site as the MRF. The ethanol-based materials will be collected in storage tanks operated by the MRF. This material will be transferred to the DSP at the point the material will be processed by the column for re-distillation at the DSP and or to the molecular sieve for drying. Ethanol based materials that are received in bulk, are received directly at the DSP.

The material is evaporated utilizing a heat exchanger with the vapor rising through the column. The column would break the water from the ethanol. The ethanol is then condensed and pumped to storage tanks. Ethanol from these tanks or ethanol received at the DSP for drying will be pumped to the molecular sieve. The sieve removes water allowing the proof of the ethanol to be increase up to 199.8 proof. The distilled ethanol resulting from either process will be denatured in either a mixing tank within the bonded area or in a tank trailer and sold as a denatured product.

As part of long range plans, MXI may add an initial process utilizing a Thin Film Evaporator to remove oils, color and related non-alcohol materials that cannot be accommodated in the Distillation Process outlined above. This process is optional and its use will be determined by the consistency of the incoming material. MXI will add this equipment to its MRF operation.

The sludge waters resulting from the distillation will be accumulated in two 4,000-gallon storage tanks. The material will be treated on site utilizing a thermal evaporator. Any waste water that can not be treated by the on site unit will be sent to a water treatment facility. MXI currently has contracted with several facilities and will determine which facility to us based upon testing. In all cases, MXI will utilize only disposal facilities that have approved receipt of the sludge waters being generated by this process.

Redistilled: Source materials for distillation are generated from products containing Ethanol. MXI Environmental Services, LLC plans to ferment consumer good that contain sugar.

Processor

Distilled ethanol from either of the columns or the molecular sieve will be held in a receiving tank prior to being denatured. There is no other storage planned.

- (a) Bottling: MXI does not plan to bottle the distilled ethanol.
- (b) The primary outlet for the distilled ethanol will be to denature the ethanol with material that will allow the resulting blend to be sold as an industrial product. This blending will be done in a tank that is within the bonded area or within the tank truck used to deliver the resulting product. Records will be kept of the blending that is done to denature the distilled ethanol.
- (c) There are plans to add additional materials to the denatured ethanol in order to provide materials that are suitable for use by manufactures.
- (d) The material is a re-distillation of consumer products with an ethanol base.
- (e) MXI will not package spirits, denatured spirits or related articles. Tank truck or other shipping containers will be used to make outbound shipments.

Other Operations

The administrative and operational aspects of the distillation process were outlined in the initial applications. The Bonded operation are conducted in a 20' by 50' metal building, the area adjacent to the bonded building which contains the still/column, molecular sieve and cooling towers, a portion of the tank storage pad with the associated storage tanks within the tank pad. In terms of the interrelationships that exist, the MRF causes the release of ethanol-based materials. Bulk materials will be received directly into the storage tanks. These materials are accumulated in storage tanks. These materials will be feed into the distillation area for processing which begins the DSP permitted area. The distilled materials generated by the process are accumulated in storage tanks. This material is denatured and sold as an industrial product. The General area consists of office space that is contained within the office for the MRF. This area is just inside the entranceway and is where the records for the DSP will be maintained. The facilities involved are:

Operation DSP

Facility

Bonded Area – Metal building,
Still/Column, Molecular Sieve,
Cooling Towers and
Storage Tanks

Bonded Area – Lab in Office Trailer

General Area – Office area

Operation

Redistill and or dry ethanol
based materials

Testing of material

Record keeping and storage


CERTIFICATE OF PERSONNEL AUTHORIZATIONS

I Ronald Potter, the Operating Manager of MXI Environmental Services, LLC, a New Jersey limited liability company, hereby certify that the following personnel and the company are authorized to act as follows:

The following persons (a) have responsibility for the custody of and access to keys for approved locks used at the DSP; and (b) are authorized to make inspections, sign inspection forms and make reports to governmental agencies and clients of the DSP:

1. Ronald Potter/Operating Manager (908) 693 8647
2. Brian Potter/Terminal Manager (276) 628 6636 ext 207
3. Tony Skeen/Field Service Manager (276) 628 6636 ext 218

Effective this 15th day of August, 20058



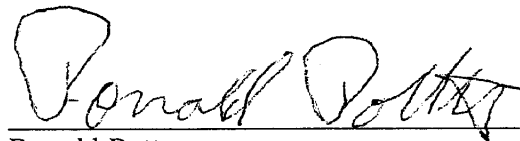
Ronald Potter
Operations Manager

CERTIFICATE OF RESPONSIBILITIES AT DSP

I, Ronald S. Potter, the Operating Manager of MXI Environmental Services, LLC, a New Jersey limited liability company, hereby certify that the following assignments of responsibility are made:

1. Brian Potter/Terminal Manager: Mr. Potter is responsible for all operational and record keeping aspects of the DSP. This includes approving receipt of inbound materials from the MRF, scheduling of distillation at the DSP, overseeing of the operation at the DSP and arranging outbound shipment of the denatured material. Mr. Potter is to oversee the recording of all movements within the DSP and documentation of all outbound movement from the DSP. Mr. Potter will oversee preparation and filling of all required reports.
2. Tony Skeen/Field Service Manager: Mr. Potter to assist Mr. Potter in the discharge of his duties and will be directly responsible for operation and staffing of the DSP. He will oversee testing of distilled materials and sludge/water along with recording of results, denaturing of the material and recording of all flows into and out of the DSP. He will record inventories in the storage tanks and will prepare the associated reports. Mr. Skeen will provide the numbers used for filling of all required reports.

Effective the 15th day of August, 2008



Ronald Potter
Operations Manager

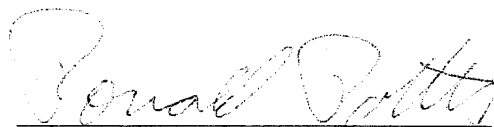
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Effective this 15th day of August, 200~~5~~8



Ronald Potter
Operations Manager

RECEIVED FOR FILING

OCT 16 2008

DATE

KEEP THIS DOCUMENT AVAILABLE FOR INSPECTION
BY OFFICERS OF ALCOHOL AND TOBACCO TAX
AND TRADE BUREAU



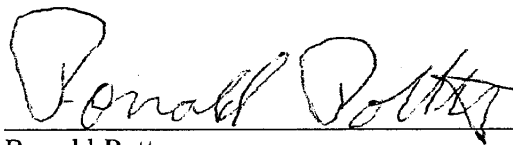
Darlene McClung
CHIEF OF THE NATIONAL REVENUE DIVISION

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Effective the 15th day of August, 2008

A handwritten signature in black ink that reads "Ronald Potter". The signature is written in a cursive style with a horizontal line underneath the name.

Ronald Potter
Operations Manager