

**CHARTER TOWNSHIP OF VAN BUREN  
ENVIRONMENTAL COMMISSION AGENDA**

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**Wednesday, January 18, 2017 – 7:00 PM  
Denton Room**

**CALL TO ORDER**

**ROLL CALL**

**ENVIRONMENTAL COMMISSION**

Chairman Brownlee	_____	Commissioner Merritt	_____
Vacant	_____	Vacant	_____
Commissioner Debuck	_____	Board Representative White	_____
Commissioner Gibson	_____	Director Akers	_____
Deputy Director Best	_____	Recording Secretary Halstead	_____

**APPROVAL OF AGENDA**

**ACCEPTANCE OF THE MINUTES OF THE PREVIOUS MEETING**

1. December 21, 2016 Minutes

**COMMUNICATIONS**

**UNFINISHED BUSINESS**

1. Coal Tar Ordinance Changes
2. Shoreline Zoning Ordinance Amendment and General Ordinance

**NEW BUSINESS**

1. Landfill Gas Facility – WM Canton

**ANNOUNCEMENTS/COMMENT**

**ADJOURNMENT**

**\*\* If you are unable to attend, please contact Developmental Services at 699-8913 before noon on January 18, 2017\*\***

**CHARTER TOWNSHIP OF VAN BUREN**  
**Environmental Commission**  
**Wednesday-December 21, 2016**  
**MINUTES - DRAFT**

The meeting was called to order at 7:02 pm in the Denton Room by Chairperson Brownlee.

**ROLL CALL:**

Present: Brownlee, Debuck, Gibson, Merritt, White

Absent Excused: Akers

Staff: Best, Halstead

Audience: 1

**APPROVAL OF AGENDA:**

Motion Merritt, Seconded by White to approve the agenda as submitted. Motion Carried.

**APPROVAL OF MINUTES:**

Motion Merritt, Seconded by Gibson to approve the Minutes from October 19, 2016.

Motion Carried.

**COMMUNICATIONS:**

A question was asked if the Township knew of any work being done at the Willow Run Dam on Tyler Rd. There were cranes and heavy equipment seen at the site. Deputy Director Best said he would look into it to see what type of work is being done.

The Township received a notification that Synagro has partnered with the property owner at the north-east corner of Hull and Hoeft Rd. Synagro is a biosolids fertilization company.

**UNFINISHED BUSINESS:**

- 1. Coal Tar Discussion:** The commission was in agreement with the revisions to the Coal Tar Ordinance. The changes added a registration requirement for commercial applicators, re-defined penalties and enforcement for not complying with the ordinance, and changed the allowable PAH level to <0.1%, by weight.

**Motion Merritt, Seconded by Debuck to approve the Coal Tar Ordinance as amended.**  
**Motion Carried.**

- 2. Lakeshore Zoning Ordinance Amendment and General Ordinance:** The commission discussed the revisions to the ordinance. The Lakeshore Ordinance is on the Planning Commission agenda for January 25, 2017. Public Hearing Notices have been sent out to all the lakefront property owners.

**NEW BUSINESS:**

**1. EQ Waste Treatment Plant Permit Renewal:** Sylvia Scott, the Environmental manager at US Ecology, has submitted to the Twp. a copy of their part 111 renewal application for their permit. US Ecology's two facilities on site are the hazardous waste landfill and the hazardous waste treatment facility. The Hazardous waste treatment facility is renewing their permit with the township, there is no process change or changes to the type of waste they take in.

**COMMENTS:** None

**Motion Merritt, seconded by Gibson to adjourn at 8:24 pm.**

**MOTION CARRIED**

Respectfully submitted,

Anna Halstead, Recording Secretary

CHARTER TOWNSHIP OF VAN BUREN

COUNTY OF WAYNE

STATE OF MICHIGAN

ORDINANCE #

AN ORDINANCE TO AMEND AND REPLACE ORDINANCE NO. 12-1-15

ARTICLE V – COAL TAR PRODUCTS, SEC. 42-151 THROUGH 42-158, WITH

NEW ARTICLE V – COAL TAR PRODUCTS, SEC. 42-151 THROUGH 42-159

At a regular meeting of the Township Board of the Charter Township of Van Buren, Wayne County, Michigan, held in the Van Buren Township Hall within the Township, on the \_\_\_\_\_ day of

\_\_\_\_\_, 2017 at 7:00 p.m.

PRESENT: Members: \_\_\_\_\_

ABSENT: Member: \_\_\_\_\_

It was moved by Board Member \_\_\_\_\_ and supported by Board Member \_\_\_\_\_ that the following Ordinance be adopted to amend Article V to Chapter 42 Environment to read as follows:

THE CHARTER TOWNSHIP OF VAN BUREN ("Township"), COUNTY OF WAYNE, MICHIGAN ORDAINS:

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• **ARTICLE V. - COAL TAR PRODUCTS**

• **Sec. 42-2151. - Purpose.**

The Charter Township of Van Buren understands that lakes, rivers, streams and other bodies of water are natural assets which enhance the environmental, recreational, cultural and economic resources and contribute to the general health and welfare of the community. The use of sealers on asphalt driveways is a common practice. However, scientific studies on the use of driveway sealers have suggested a relationship between stormwater runoff and certain health and environmental concerns. The purpose of the ordinance from which this chapter derives is to prohibit the use and sale of pavement sealant products containing >0.1%

Polycyclic Aromatic Hydrocarbons (PAHs) by weight, including ~~coal tar~~-based sealer in the Township of Van Buren in order to protect, restore, and preserve the quality of its waters and protect the health of its residents. It is the further purpose and intent of this chapter to regulate the use and application of sealant products, to require the registration of commercial and institutional applicators of sealant products within the Township, and to require the distribution of informational literature to consumers about the use and effect of sealant products.

(Ord. No. 42-1-15 \_\_\_\_\_, eff. 12-24-15 \_\_\_\_\_)

• **Sec. 42-2152. - Definitions.**

Except as may otherwise be provided or clearly implied by context, all terms shall be given their commonly accepted definitions. For the purpose of this article, the following definitions shall apply unless the context clearly indicates or requires a different meaning:

*Applicator.* Any person who applies pavement sealant product in the city-township including, but not limited to, homeowners, occupants of rental property, and property managers.

*Asphalt based sealer.* A petroleum based sealer material that is commonly used on driveways, parking lots, and other surfaces and may contain PAHs but at a much lower concentration than found in coal tar based sealers.

*Coal tar.* A byproduct of the process used to refine coal.

*Coal tar sealant product.* A surface applied sealing product for application on asphalt, concrete or other pavement including a driveway or parking area containing coal tar, coal tar pitch, coal tar pitch volatiles, or any variation assigned the Chemical Abstracts Service (CAS) numbers 65996-93-2, 65996-89-6, or 8007-45-2.

*High PAH content sealant product.* Any pavement sealant product that contains greater than 0.1% PAHs by weight.

*PAHs.* Polycyclic Aromatic Hydrocarbons. A group of organic chemicals formed during the incomplete burning of coal, oil, gas, or other organic substances. Present in coal tar and believed harmful to humans, fish, and other aquatic life.

*Pavement Sealant.* Any surface-applied pavement sealing product used to maintain asphalt surfaces. This may include but is not limited to asphalt-based sealant products and ~~coal tar~~ sealant products

*Person.* An individual, corporation, partnership, sole proprietorship, LLC or other entity.

*Pavement Sealant Program Administrator.* The Director of Planning and Economic Development, or other person designated to administer this chapter by the City-Township Administrator.

*Township.* The Charter Township of Van Buren.

(Ord. No. 42-1-15 \_\_\_\_\_, eff. 12-24-15 \_\_\_\_\_)

• **Sec. 42-2153. - Prohibitions on use of coal tar products**

- (a) No person shall use or apply a coal tar, coal tar sealant product or other high PAH content sealant product on asphalt paved surfaces within the township.
- (b) No person shall sell or offer to sell a coal tar, coal tar sealant product or other high PAH content sealant product that is formulated or marketed for application on asphalt-paved surfaces within the township.
- (c) No person shall allow a coal tar, coal tar sealant product or other high PAH content sealant product to be used or applied upon property that is under that person's ownership or control.
- (d) No person shall contract with any commercial sealer product applicator, residential or commercial developer, or any other person for the application of any coal tar, coal tar sealant product or other high PAH content sealant product to any driveway, parking lot, or other surface within the township.
- (e) No commercial sealer product applicator, residential or commercial developer, or other similar individual or organization shall direct any employee, independent contractor, volunteer, or other person to apply any coal tar, coal tar sealant product or other high PAH content sealant product to any driveway, parking lot, or other surface within the township.

(Ord. No. 12-1-15\_\_\_\_\_, eff. 12-24-15\_\_\_\_\_)

• **Sec. 42-1546:504. - Registration and reporting requirements and procedures for commercial applicators.**

- (1) All commercial applicators shall register with the city-township prior to applying pavement sealant in the Township in any calendar year.
- (2) Registration under this chapter shall be valid until expiration. Registration shall begin on January 1 and shall expire on December 31 of each calendar year.
- (3) Commercial applicators shall submit a complete registration application to the Pavement Sealant Program Administrator on forms furnished by the Township Clerk, along with the registration fee according to the schedule established by resolution of Board of Trustees. The fee shall be calculated to include the cost of registration application review and periodic field inspection.
- (4) The following information shall be included in a complete application for registration:
  - (a) The legal name of the commercial applicator, any other names used, the address, telephone number and contact person for the applicant.
  - (b) The product name, type of use, and PAH content including CAS numbers.
  - (c) A notarized, sworn statement signed by an owner or duly authorized representative of a commercial applicator indicating that the applicator will comply with the requirements of the this Pavement Sealant Ordinance of the Township throughout the registration period.

- (d) All other information requested on the application.
- (5) The Pavement Sealant Program Administrator shall approve a registration if the application is complete, the applicator has complied with the previous year's reporting requirement, and the use of pavement sealant complies with this chapter.
- (6) The application for registration shall be approved or denied within 21 days by the Pavement Sealant Program Administrator.
- (7) The Pavement Sealant Program Administrator shall maintain a current list of all registered commercial applicators.
- (8) A registered applicator shall notify the Pavement Sealant Program Administrator in writing of any change in the information in the application for registration within 7 days of any such change.

(Ord. No. ~~16-12~~ \_\_\_\_\_, § 1, ~~6-20-16~~ \_\_\_\_\_)

• **Sec. 42-21545. - Asphalt based sealcoat products.**

The provisions of this article shall only apply to coal tar, coal tar sealant products or other high PAH content sealant products in the township and shall not affect the use of asphalt based sealer products within the township as long as those products contain less than 0.1% PAHs, by weight.

(Ord. No. 42-1-15 \_\_\_\_\_, eff. 42-24-15 \_\_\_\_\_)

• **Sec. 42-21556. - Penalties and enforcement.**

~~(a) Violation of any provision of this chapter shall be a civil infraction punishable by a civil fine of not more than \$10,000.00 in the discretion of the court, and in addition to all of the costs, damages and expenses provided by law.~~

~~(b) Injunction. Any violation of this article is hereby declared to be a nuisance per se. In addition to, or in lieu of, seeking to enforce this article by proceeding under section 42-256(a) above, the township may institute an action in a court of general jurisdiction seeking injunctive or equitable relief and shall be entitled to recover all attorney fees, court costs, litigation expenses, costs and expenses to abate the nuisance, and all other costs allowed by law.~~

~~(a) (c) Nothing in this Section shall limit the township's right to take other enforcement action as authorized by law.~~

(Ord. No. 42-1-15 \_\_\_\_\_, eff. 42-24-15 \_\_\_\_\_)

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**Sec. 42-21567. - Severability.** In the event that any one or more sections, provisions, phrases or words of this article shall be found to be invalid by a court of competent jurisdiction, such holding shall not affect the validity or the enforceability of the remaining sections, provisions, phrases or words of this article.

(Ord. No. 12-1-15\_\_\_\_\_, eff. 12-24-15\_\_\_\_\_)

• **Sec. 42-21578. - Conflicts.**

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If any provision of this article conflicts with any provision of any other township general ordinance or zoning ordinance, the most restrictive provision shall apply.

(Ord. No. 12-1-15\_\_\_\_\_, eff. 12-24-15\_\_\_\_\_)

• **Sec. 42-21589. - Effective date.**

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The provisions of this article shall take effect upon publication in a newspaper of general circulation within the township.

(Ord. No. 12-1-15\_\_\_\_\_, eff. 12-24-15\_\_\_\_\_)

AYES: Members: \_\_\_\_\_

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NAYS: Members: \_\_\_\_\_

ABSTAIN/ABSENT: Members: \_\_\_\_\_

ORDINANCE DECLARED ADOPTED:

\_\_\_\_\_  
Kevin McNamara,  
Supervisor, Charter Township of Van Buren

\_\_\_\_\_  
Leon Wright,  
Clerk, Charter Township of Van Buren

ADOPTED: \_\_\_\_\_

PUBLISHED: \_\_\_\_\_

EFFECTIVE: \_\_\_\_\_

**CERTIFICATION**

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I hereby certify the foregoing to be a true copy of an Ordinance adopted by the Township Board of the Charter Township of Van buren at a regular meeting held on \_\_\_\_\_, 2017, pursuant to the required statutory procedures.

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Township Clerk

# 1 EXECUTIVE SUMMARY

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This report examines the environmental impacts from installing two pipelines, approximately 4,350 feet in total length, in Canton Township, Wayne County, Michigan. The project, known as the High BTU Landfill Gas-to-Energy Project, will be constructed by Ameresco Woodland Meadows Romulus LLC (Ameresco). The purpose of this project is to provide beneficial use of LFG which is currently being flared.

The proposed project will include an LFG Pipeline from a proposed gas blower station to be located at the Woodland Meadows South Landfill located in the southwest ¼ of the southeast ¼ of section 36 T2S R8E to transport landfill gas to a proposed High Btu Landfill gas to energy plant (HBTU Plant) to be located at the southeast ¼ of the northeast ¼ of section 36 T2S R8E on the same property as the existing Woodland Meadows North Landfill gas compressor station.

A second Product Pipeline will be installed in the same trench as the landfill gas pipeline to deliver finished product gas from the HBTU Plant to a proposed DTE Remote Monitoring Station (RMS) to be located at the corner of Hannan and Van Born Roads in the southeast ¼ of the southeast corner of section 36 T2S R8E. The proposed pipeline route is illustrated in Appendix A and B.

The route selected for the proposed pipeline minimizes negative impacts to the existing environment. With the exception of the railroad crossing, the land is zoned as general industrial use by Canton Township and has already been developed as a municipal solid waste landfill. The project is occurring in the buffer area of the landfill. The development and especially the pipeline will have minimal impact to environmental features, wildlife and area residents. Except for crossing the railroad, construction will take place entirely on private property owned by Waste Management. Areas disturbed during construction will be restored to their original condition to the extent possible, minimizing impacts to the surrounding land.

Cornerstone Environmental Group, LLC finds no significant environmental impact from the proposed project.

## 2 PROJECT SUMMARY

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Ameresco proposes to install and operate two (2) pipelines that are associated with a High BTU ("HBTU") landfill gas ("LFG") project on the Woodland Meadows Recycle and Disposal Facility ("Landfill") located in Canton Township, Michigan. Woodland Meadows RDF is owned by Waste Management of Michigan, Inc. ("Waste Management").

The two (2) pipelines and utility lines associated with the HBTU Facility are the following:

- A Facility Supply Pipeline ("LFG Pipeline") used to transport raw LFG from Waste Management's collection system to the new HBTU facility. The pipeline will be an 18-inch outside diameter high density polyethylene (HDPE).
- A high pressure pipeline ("Product Gas Pipeline") used to transport HBTU LFG from the HBTU Facility to DTE RMS Station. The pipeline will be a 4-inch inside diameter epoxy coated steel pipe.
- Utilities such as control conduits, compressed air line, condensate line and power conduits will be routed along with the gas pipelines in HDPE pipes of various sizes.

Except for a railroad crossing, the proposed pipeline route is on the existing Landfill property outside of the public right-of ways.



NOTE:  
 1. AERIAL IMAGE PROVIDED BY  
 WOODLAND MEADOWS LANDFILLS  
 W/ASSET, APRIL 11, 2015.

SHEET NO. 1  
 PROJECT NO. 150678

AMERESCO WOODLAND MEADOWS, ROYALUS LLC  
 WOODLAND MEADOWS LANDFILLS  
 CANTON TWP., WAYNE CO., MICHIGAN  
 HIGH BTU LANDFILL GAS TO ENERGY PROJECT  
 ENVIRONMENTAL ASSESSMENT  
 AERIAL SITE PLAN

**cornerstone**  
 environmental  
 PREPARED BY:  
 CORNERSTONE ENVIRONMENTAL GROUP, LLC  
 10000 WOODLAND MEADOWS ROAD, SUITE 100  
 CANTON TWP., MI 48106  
 TEL: 734.241.1000 FAX: 734.241.1001  
 WWW.CORNERSTONE-ENV.COM

REV.	DATE	DESCRIPTION	ISSUED BY	DATE	ISSUED BY

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