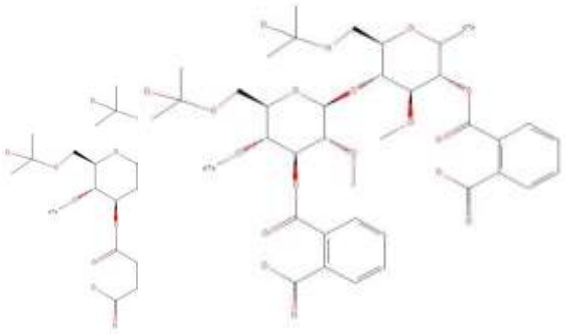

Clinoptilolite

U.S. HARVEST POSTAL PROTECTION SERVICES CORPORATION

d/b/a/

U.S. Harvest Energy and Technologies Corporation

Business Plan
(August 1, 2019)

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I. EXECUTIVE SUMMARY

U.S. Harvest Postal Protection Services Corporation doing business as U.S. Harvest Energy and Technologies Corporation was incorporated in the State of Maryland on December 10, 2001 as a diversified technology management corporation. The Company is licensed by the Maryland Public Service Commission for the sale of gas & electrical power in the state of Maryland and specializes in the design and marketing of Zeolite coated moisture, mold and mildew resistant EMI shielded wall liners and wall coverings designed for use in "Smart" construction and "Green Buildings" and $PM_{2.5}$ absorbing, antiviral face mask and HEPA air filtration medias.

Radio Frequency and Microwave Interference (EMI) shielding refers to the deflection and/or absorption of electromagnetic radiation by a material, which thereby acts as a shield against the penetration of the radiation through the shield. As electromagnetic radiation particularly that at high frequencies (e.g. radio waves, such as those emanating from cellular phones and smart meters), tend to interfere with electronics e.g. computers and can cause health concerns, EMI shielding of both electronics and radiation sources is needed and required by governments around the world. Our wall coverings can be used on new, curtain or existing interior walls and are designed to produce essentially radiation free environments.

The air pollution problem in China has recently resulted in Code Red warnings for the first time in history. This means the outside air is considered unhealthy to breath and persons going outside must wear a face mask or respirator for their protection. Inhalation of $PM_{2.5}$ emitted from the combustion of fossil fuels such as coal and petroleum can lead to lung cancer

Our new AVASK .1 micron antiviral face mask and respirator media is designed to protect the wearer from inhaling or ingesting harmful air pollutants e.g. $PM_{2.5}$ and disease causing microorganisms e.g. viruses and bacteria. Our new HEPA tested air filtration media is designed to absorb air pollutants e.g. CO_2.

“The payoff for our work is potentially huge in the long term and in the near future. Primarily because of the increases in air pollution in India, China, Japan and the United States of America (the world’s largest economies). On December 13, 2015, leaders from 198 countries agreed that physical verifiable measures must be put in place for the sake of our planet. We look forward to capitalizing on these growing and important markets for the benefit of our shareholders and mankind.”

Board of Directors
U.S. Harvest Postal Protection Services Corporation
Baltimore, Maryland 21209
August 1, 2019

II. COMPANY DESCRIPTION

A. LEGAL NAME AND FORM OF BUSINESS

Name: The U.S. Harvest Postal Protection Services Corporation (USHPPSC)
DBA/ U.S. Harvest Energy and Technologies (USHEAT) Corporation

Business Description: Development and management of intellectual property and proprietary air conditioning, face mask and EMI shielding products e.g. EMI shielded ceiling insulation and absorptive wall coverings, HEPA CO_2 air filtration media and PM 2.5 antiviral face mask media.

Form: "C" Corporation

Incorporated: In the state of Maryland on December 14, 2001.

Location: Principal executive office is located in Baltimore, Maryland

Telephone/Facsimile: (443) 320-3123

Email Address: Bactow@aol.com

Website: www.usheat.us

B. COMPANY'S GOAL AND OBJECTIVES

Most of the company's goals and objectives have been or are currently being met, for example;

Over the past ten years, the company has established formal business relationships with several major building material producers, suppliers and toll coaters e.g. the Johns Manville Corporation, the Caresteam Advanced Materials Corporation, the KMI (Zeolite) Corporation, the BASF Corporation, Ahlstrom North America LLC, ATI Testing Laboratories, the Nelson Laboratories, Inc. and the Sungod Industrials Co., Ltd.

The company intends to make its products available to the general public through established distributorships and via the internet and to offer them to the United Nations (UNPD) as a registered vendor.

The company's products are bonded and have product liability insurance with Lloyds of London.

C. DEVELOPMENT STAGE

The company is an intellectual property and technology management company specializing in the development of electromagnetic and bioprotective technologies. The company's main interests actually lie in the sale of $PM_{2.5}$ and antiviral shielded face mask and respiratory media, $PM_{2.5}$ and CO_2 absorbing air filtration media and EMI shielded building materials.

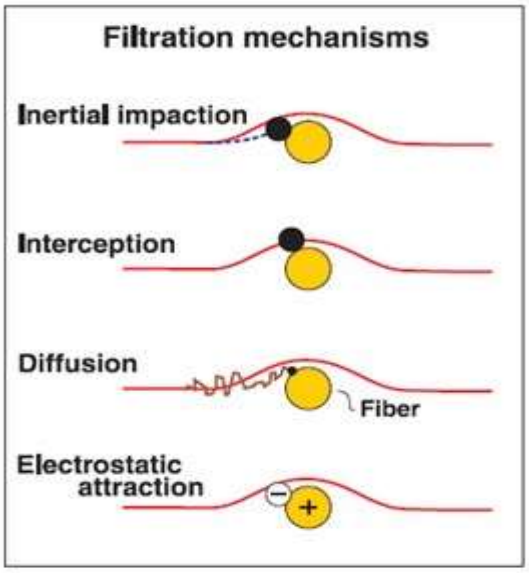
D. PRODUCTS

1. EMI Shielded Wall Covering
2. Particulate & CO_2 Absorbing Air Filtration Media
3. $PM_{2.5}$ Absorbing Antiviral Face Mask & Respirator Media

E. FILTER PEFORMANCE

How do filters collect particles?

Capture or filtration mechanisms are described as follows:



Filtration mechanisms

- **Inertial impaction:** With this mechanism, particles having too much inertia due to size or mass cannot follow the airstream as it is diverted around a filter fiber. This mechanism is responsible for collecting larger particles.

- **Interception:** As particles pass close to a filter fiber, they may be intercepted by the fiber. Again, this mechanism is responsible for collecting larger particles.

- **Diffusion:** Small particles are constantly bombarded by air molecules, which causes them to deviate from the airstream and come into contact with a filter fiber. This mechanism is responsible for collecting smaller particles.

- **Electrostatic attraction:** Oppositely charged particles are attracted to a charged fiber. This collection mechanism does not favor a certain particle size.

In all cases, once a particle comes in contact with a filter fiber, it is removed from the airstream and strongly held by molecular attractive forces. It is very difficult for such particles to be removed once they are collected. As seen in *Figure 2*, there is a particle size at which none of the "mechanical" collection mechanisms (interception, impaction, or diffusion) is particularly effective. This "most penetrating particle size" (MPPS) marks the best point at which to measure filter performance. If the filter demonstrates a high level of performance at the MPPS, then particles both smaller AND larger will be collected with even higher performance.

This is perhaps the most misunderstood aspect of filter performance and bears repeating. Filters do NOT act as sieves. Zeolites are sieves. One of the best tests of a filter's performance involves measuring particle collection at its most penetrating particle size, which ensures better performance for larger and smaller

particles. Further, the filter's collection efficiency is a function of the size of the particles, and is not dependent on whether they are bioaerosols or inert particles.

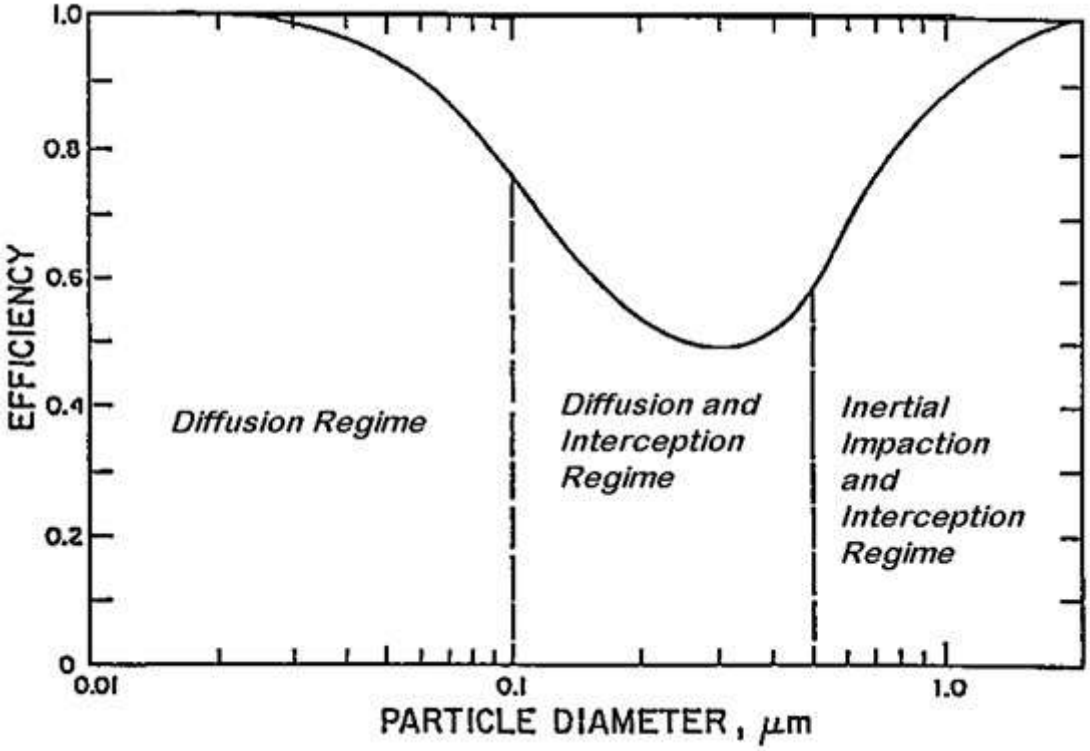


Figure 2: Filter efficiency versus particle diameter

III. THE INDUSTRY ANALYSIS

A. SIZE AND GROWTH TRENDS

1. EMI Shielded Wall Coverings

The US wall covering demand is expected to grow 4.3% annually through 2009 based on a recovery in manufactured housing and nonresidential building. Ceramic wall tile will remain the largest segment while wall paneling will grow the fastest. Wallpaper will benefit from new products that are more environmentally acceptable and easier to use. The US wall covering industry is a $2 billion dollar a year industry.

2. Climate Change Mitigation CO_2 Absorbing Air Filtration Media

Binderless and acrylic resin bound, high efficiency (HEPA type), high purity, 100% high quality borosilicate glass micro fiber filter media is commonly used in the nuclear industry for collection of alpha, beta, and gamma emitting

particulates. They are also excellent all around analytical grade filtration media for use in the removal of micron and submicron size particulates from both liquids and gases. Our patented HEPA quality, DOP tested filter media has efficiencies from 99.998%-.99.999% and are specifically designed for radioisotope (particulate) absorption. According to the UN and leaders from 198 countries (2015), climate change is costing global economies more than $2 trillion dollars per year in lost revenues.

3. $PM_{2.5}$ Absorbing Antiviral Face Mask and Respirator Media

The situation in China and India is far worse than originally thought. In August 2015, a report was published by an American and International team of scientists reveal that more than four thousand (4000) people are dying from respiratory diseases in China each day. There is an urgent need for efficient personal protective devices like our face mask and respirator products. Federal Government Officials, Pharmaceutical Executives, Academia and Public Health Experts agree strategies are needed to prepare for the next public health crisis including biodefense, antimicrobial resistance and emerging diseases. Drug resistant infections alone (caused by airborne infectious agents) are expected to cost the global economy up to $100 trillion dollars by 2050.

B. TECHNOLOGICAL FACTORS

1. Identification and Significance of the Problems

The U.S. presidential election of 2016 has given people living in the coal regions of the world reason to believe that coal mining as once known will return. If so, CO_2 and $PM_{2.5}$ absorbing air filtration media designed by USHPPSC will help keep the planetary atmosphere safe.

2. Anticipated Results

Increases in the use of fossil fuels in the U.S., China and India will need immediate and long term solutions. Our personal protective products (face mask) will provide a measure of comfort from fear of inhalation of disease causing viruses and bacteria and particulates such as $PM_{2.5}$. Our air filtration products are designed to be used as controls for the emissions of greenhouse gases such as CO_2 emitted from the combustion of fossil fuels mitigating their accumulating in indoor air.

C. FINANCIAL CONSIDERATIONS

1. EMI Shielded Wall Coverings

1. The company's year 2020-2030 projected total net revenues from domestic and international sales of EMI shielding wall covering and wall liners is (TBD).

2. **Particulate and CO_2 Absorbing Air Filtration Media** (See Projections).

3. **$PM_{2.5}$ Absorbing Antiviral Face Mask & Respirator Media** (see Projections).

D. REGULATORY REQUIREMENTS

The company's EIN number is #54-2074921. The company is registered and in good standing in the state of Maryland (#9054153).

The company is registered with the Federal CCR, Dun and Bradstreet (107391794) and the U. S. Bureau of Industry and Security (BIS).

The company has received Maryland State Highway Administration (MPEL) approval to use its proprietary mixed EMI shielded concrete on state infrastructure projects – effective April 19, 2009.

On January 20, 2010, the company received approval from the Maryland Public Service Commission (IR-1774) to supply electricity and electric power generation services in Maryland.

On January 20, 2010, the company received approval from the Maryland Public Service Commission (IR-1824) for gas broker services in Maryland.

On August 19, 2011, the company received acceptance from the UN as a vendor (33387).

On October 15, 2015, the company received approval for qualification as a small business from the Division of Industry and Consumer Education of the U.S. Food and Drug Administration (409839).

On November 22, 2016, the company received US Patent # 9498766 for use of HEPA and face mask air filtration media.

IV. TARGET MARKET

A. DEMOGRAPHICS/GEOGRAPHICS

There is a need to make America and the rest of the world more energy independent and environmentally sustainable. Therefore, a major emphasis has been placed on the development and use of CO2 absorbing air filtration products and $PM_{2.5}$ and antiviral absorbing face mask.

V. THE COMPETITION

A. COMPETITIVE POSITION

The company currently owns and continues to develop EMI intellectual property and copyrighted materials placing it in a forward position in today's shielding marketplace.

On August 19, 2011, the company became registered as a UNPD approved vendor # 33387.

On August 26, 2011, the company received a GS1 US registration for its proprietary barcodes #857106003.

B. BARRIERS TO ENTRY

Globally: None

C. FUTURE COMPETITION

The company has domestic and international patents currently pending on all of its products. What does ownership of intellectual property mean in today's technology marketplace? Patent rights in the United States; although a patent has a statutory presumption of validity, the issuance of a patent is not conclusive as to such validity or as to the enforceable scope of the claims therein.

VI. MARKETING AND SALES STRATEGIES

A. PRODUCTS

1. EMI Shielded Wallboard Cover Paper

Shielded wallboard cover paper containing organic admixtures have been designed to adjuvant EMI shielding in existing building materials e.g. gypsum dry wall. Preferred cover sheets may be made of paper as in conventional gypsum wallboard, although other useful cover sheet materials known in the art (e.g. fibrous glass mates) may be used. However, particular heavy paper cover sheets preferably will be used as top (face) cover sheets in the embodiments of the present invention. Useful cover sheet paper include Manila 7-ply and News-Line 5-ply, available from United States Gypsum Corporation, Chicago, Ill.; and GreyBack 3-ply and Manila Ivory 3-ply, available from Caraustar, Newport, Ind. A preferred bottom cover sheet paper is 5-ply News-Line (e.g. 42-46 lb/MSF). A preferred top cover sheet paper is Manila 7-ply. A particularly preferred top cover sheet paper is heavy Manila paper (60 lb/MSF, thickness 18 mils), available from Caraustar, Newport, Ind. Other heavy, thick paper will also be preferred, ranging in thickness from about 15-20 mils.

2. Particulate & CO_2 Absorbing Air Filtration Media (TBD)

3. $PM_{2.5}$ Absorbing Antiviral Face Mask & Respirator Media (TBD)

B. STRATEGIC PARTNERSHIPS

1. University Collaboration

The company has obtained experimental irradiation technical services from the University of Maryland's Nuclear Materials Department.

The company has obtained Scanning Electron Microscopic (SEM) services from the Materials Science Department at the Johns Hopkins University, Baltimore, Maryland.

2. Corporate Collaboration (Private)

The company has signed a Proprietary Information Agreement with the International Paper Company for paper development and analysis.

The company has signed a Proprietary Information Agreement with the Grays Harbor Paper Company L.P. for production of moisture and radiation resistant recycled paper products including industrial strength wallboard cover paper.

3. National Laboratory Collaboration

In 2002, the company developed and successfully tested [its] proprietary endospore indicator products at the U.S. Soldiers and Biochemical Command Center (SBCCOM) in Edgewood, Maryland.

On January 20, 2012, the company received surface resistivity test results for its coated wallpaper from the Institute for Paper Science and Technology at Georgia Technical University.

C. OTHER MARKETING TACTICS

The company has strategically positioned itself in the marketplace to develop and maintain a presence in the green building materials business domestically by pursuing GSA and State Highway Administration contracts for the supply of its EMI shielded building materials, e.g. shielded wall coverings.

The recent nuclear events in Japan has caused the Company to focus on supplying shielded building materials to Japanese home improvement centers.

VII. MANAGEMENT AND ORGANIZATION

A. BOARD OF SCIENTIFIC ADVISORS

The consulting scientific and technical advisors to the company along with their principally related skills and most recent accomplishments are:

William L. Robinson, Jr., Senior Research & Technical Analyst

Clarence M. Page, Jr., Retired OSHA Executive

Hubert G. Skinner, M.D., Retired Medical Doctor and Senior Research Scientist, Johns Hopkins University

Erica R. Pitts, MS, RN

Lillian A. Nelson, Ms. COO

B. MANAGEMENT

The Directors and Executive Officers of the Company are as follows:

Name	Position
William L. Robinson, Jr.	Chairman of the Board of Directors & CEO
Clarence M. Page, Jr.	Director
Hubert G. Skinner	Director
Erica R. Pitts	VP Environmental Affairs
Lillian A. Nelson	COO
Sammy Young	Director

William L. Robinson, Jr., Chairman of the Board of Directors, President and Chief Executive Officer, is a founder and has been with the company since its inception. Mr. Robinson is in charge of executive and regulatory affairs and authored all of the company's pending intellectual property. He received his education in the biomedical sciences at major American Universities including the University of Wisconsin (Madison) and the Johns Hopkins University. He is a former member of the Atomic Industrial Forum and was listed with Who's Who in Science and Technology. Mr. Robinson devotes his full time to the affairs of the company.

C. PROJECTED EMPLOYMENT

In order for the company to support its business operations within the state of Maryland, the company will use a portion of the proceeds obtained from the sale of its products to retain legal and accounting services and hire the following personnel: a comptroller, a CFO, a CIO, a regulatory compliance officer, public relations, administrative and maintenance personnel and equipment operators and service engineers. Approximately 5-10 persons per 8 hour shift 5 days per week.

VIII. DEVELOPMENT

A. CAPITALIZATION REQUIREMENTS

The capitalization required for maintaining the company headquarters including telephone and internet services and paying salaries, insurances, legal and engineering (patent application) fees are all that are currently, required.

B. GROWTH STRATEGY

The company's growth is contingent upon the sale of its products to international building material supplier home centers e.g. Home Depot and Walmart.

Ultimately the company intends to increase the probability of its success by selling particulate absorbing disposable face mask media and CO_2 and $PM_{2.5}$ absorbing air conditioner filtration media.

C. LONG TERM COMPANY GOALS

One of the company's long-term goals is to establish foreign subsidiaries for use of its technologies.

D. MILESTONES

On February 25, 2003, the company received its first counter-terrorism patent designed for use in the US mail system (USPTO Ser #**6,524,846**).

In September 2005, the International Paper Corporation produced and tested paper products containing raw materials introduced by the company.

On June 6, 2007, the U.S. Postal Service tested office paper products produced by the company for radiation resistance.

On July 21, 2007, the company received tests results from the Integrated Paper Service confirming tests result received earlier from the International Paper Corporation regarding paper porosity and bonding strength.

On December 22, 2008 the company filed an application with the Maryland State Highway Administration seeking authorization to use the company's distress signaling, EMI/RF/MI shielded concrete on State infrastructure projects. On April 30, 2009, the company received approval.

On July 7, 2009, The Board of Directors voted to start doing business as the U.S. Harvest Energy And Technologies (USHEAT) Corporation.

On October 8, 2009, the company registered as a general contracting/ construction firm, licensed to construct or build electric power storage/generating facilities in the State of Maryland (#**30395772**).

On November 23, 2009, the company obtained a broker license bond to supply electricity and electrical generation services in the state of Maryland. An Application to the Maryland Public Service Commission (PSC) was filed. On January 20, 2010 the PSC granted the company's application (**IR-1774**).

On February 2, 2010, an application to the Maryland Public Service Commission was filed to supply gas and gas supply services in the state of Maryland. On March 17, 2010 the PSC granted the company's application (**IR1824**).

On March 28, 2011, the company filed an application with the United Nations Procurement Division for acceptance as a vendor for EMI shielded building materials and on August 19, 2011 the License was approved (License #**33387**).

On June 15, 2011, the company signed a Non-Disclosure Agreement (NDA) with the Seabrook Wallpaper Company representing the Soundtech and Johns Manville Corporations.

In June, 2011, the company established a supplier relationship with the BASF Chemical Company for access to Boehmite materials.

In July, 2011, the company established supplier relationships with the KMI Zeolite Company and the Bear River Zeolite Corporation.

In July, 2011, the company signed an NDA with the Carestream Advanced Materials Corporation to provide toll coating services to the company.

On August 31, 2011, the company became certified with the GS1US Organization (ID #**0857106003**).

In September 2011, the company obtained product liability insurance for all of its shielding wall products.

In September, 2011, the company became an approved vendor with the Walmart Corporation (ID #**37334**).

In November, 2011, the company signed an NDA with the Cavalier Wallpaper Company.

In November, 2011, the company signed an NDA with the Fuji-Kogyo Co. Ltd.

In November, 2011, the company filed a national patent in the country of Japan (Application #**2011-244133**).

In January, 2012, the company registered with Adwords.Google.com and Amazon.com for on-line advertising.

On May 23rd & 25th, 2012 the company obtained final test results for the radiation absorption efficiencies of its air filtration media and wall coverings.

On May 25, 2012 the company signed an NDA with Ahlstrom North America, LLC**.**

On June 7, 2012, the company was notified by the USPTO of the allowance of its U.S. radiation absorption patent.

On August 26, 2014, the company received its first radiation adsorption patent (#**8,815,382**).

From December, 2015 – April, 2016, tests were conducted at the Nelson Laboratories (an independent testing laboratory) to determine F-2100 compliance for the company's face mask and respiratory media. The results were excellent!

On November 22, 2016, the company received US Patent #**9,498,766** for its air filtration and face mask media technologies.

IX. 10 YEAR FINANCIAL PROJECTIONS (YEAR 2020-2030)

A. EMI Shielded Building Insulation (TBD)
B. $PM_{2.5}$ & CO_2 Air Filtration Media
C. Particulate Absorbing Antiviral Face Mask & Respirator Media

Estimates are determined for total anticipated income and cost. The sources of income included in this projection model include sales of 600,000,000 square feet

of PM $_{2.5}$ and CO_2 absorbing air filtration media. Comparables are selling for approximately $30-35 per square foot. USHPPSC is $15 per square foot[1,2]. 200,000,000 square feet of coated face mask and respirator media comparables are currently selling for approximately $3-5 per square foot. USHPPSC price is $2 per square foot. These prices are estimated based on current market prices for personal protection equipment products. Taking these sources into account, a total of $9,400,000,000 billion dollars is being estimated for the company's combined annual income revenue.

Years 2020-2030 total revenues from the sale of face mask and air filtration media are as follows:

Example:

Sale of 600,000,000 square feet of HEPA Type air filtration media @ $15 per sq. ft.
Sale of 200,000,000 square feet of coated face mask and respirator media @ $2 per sq. ft.

Total Income from 2020 to 2030 equals approximately:

$9,400,000,000 - $94,000,000,000

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[1] **EMI Shielding Fabric Comparables**

Ni + Cu on cellulose - $13 sq ft
Ag + Cu on cellulose - $18/sq ft

[2] **MERV Rating**

MERV 16 - $30/sq ft

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