

MEMORANDUM

TO: Public Works Committee
FROM: Harvey E. Strawsnyder, Jr., P.E., Director of Public Works
SUBJECT: Meeting of February 24, 2015
DATE: February 17, 2015

HES
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There will be a meeting of the Public Works and Green Advisory Committees on Tuesday, February 24, 2015 at 8 a.m. **in the conference room located on the on the second floor of the north end of the County Administration Building at 107 North Kent Street, Suite 200.** The agenda thus far is as follows:

1. Fire and Rescue Proposed Fees
(Attachment 1)
2. Request from Landfill for Approval of Waste Acceptance and Supplemental Appropriation **(Attachment 2)**
3. Miscellaneous Reports:
 - a) Tonnage Report: Landfill
(Attachment 3)
 - b) Recycling Report
(Attachment 4)
 - c) Animal Shelter Dog Report
(Attachment 5)
 - d) Animal Shelter Cat Report
(Attachment 6)
4. Green Advisory Committee Item for Review
(Attachment 7)
5. Aquisition of Real Estate – Property Acquisition for Multiple Citizens’ Convenience Sites. The meeting will convene to a closed session in accordance with the Code of Virginia §2.2-3711 Subsection A, (3), Acquisition and Disposition of Real Estate.

HES/rls



FIRE MARSHAL'S OFFICE

John J. Bauserman
Deputy Chief/Fire Marshal
Life Safety Division

M E M O R A N D U M

1080 Coverstone Drive
Winchester, VA 22602

TO: Harvey E. Strawsynder Jr., PE, Director of Public Works

FROM: John J. Bauserman, Deputy Chief/Fire Marshal, Life Safety Division

SUBJECT: Proposed Fire Prevention Code Permit Requirements and Fee Schedule

DATE: February 17, 2015

I am asking the Public Works Committee to review and choose action on the Fire Prevention Code Permit Requirements and Fee Schedule due to the fact there was not a quorum at the January 2015 Public Works Committee Meeting.

The Frederick County Board of Supervisors adopted the Statewide Fire Prevention Code as the Frederick County Fire Prevention Ordinance on June 2012. This ordinance allows the Frederick County Fire Marshal's Office to adopt a life safety/fire prevention fee schedule for the purpose of assisting with inspection costs.

Per the Virginia Statewide Fire Prevention Code Section 107.13 Fee Schedule, the local governing body may establish a fee schedule. The schedule shall incorporate unit rates, which may be based on square footage, cubic footage, estimated cost of inspection or other appropriate criteria.

The primary focus of inspections that the Fire Marshal's Office currently conducts are concentrated towards businesses that are required to have an annual fire inspection to maintain compliance with state or federal agencies. Examples would be nursing homes, daycares, and public/private schools. We also do inspections on large life hazard occupancies, to include hotels, motels, and restaurants. While all of these inspections are important, there is a need to expand our inspection services to hazard manufacturing, hazardous materials usage and storage, in order for the Fire Marshal's Office to be aware of and track what is in the county. We feel by expanding our inspection services to include life safety/fire prevention operational permits that many area jurisdictions already require, we will improve the overall fire and life safety to our county citizens, visitors, firefighters and provide additional education to the business owners.

The Life Safety/Fire Prevention Code Permit in most cases will have a fee of \$50.00 which would cover the cost of an inspection and would be valid for one year unless otherwise noted and must be renewed annually. All identified hazards must be permitted and inspected. If there are code violations a \$50.00 per re-inspection fee will

be imposed.

Our implementation process would include:

- Public Works Committee approval.
- Board of Supervisors approval.
- Community Notification
 1. Newspaper
 2. Radio
 3. Local television
- Mass mailing to all commercial businesses to announce the Fire Prevention/Life Safety Fee schedule approval.
- Mailing of the application by business type – once inspection of targeted use group are nearly complete then we will mail out to the next commercial use group and continue as such until inspections are completed.
- Once the business completes the application, it is to be returned to the Fire Marshal's office with payment then their inspection will be scheduled.
- Upon completion of a successful inspection a Fire Prevention/Life Safety Permit will be issued.
- Once the initial permit is issued, the business shall renew their permit annually by submitting their renewal application and payment.

Nonpayment Penalty –

- Application and payment is expected within 30days
- If payment is not received a reminder will be sent that payment is past due.
- If payment is not received within 10 business days then the business will be in violation of non-payment and a violation letter will be issued stating payment is due immediately.
- If payment is still not received a summons will be issued.

Code Violation –

- A violation notice shall be issued and a re-inspection generated and scheduled.
- Upon re-inspection if the violation still exists a 2nd violation notice shall be issued and re-inspection generated and scheduled.
- After the second re-inspection if the violation still exist a summons will be issued to the business.

Priority of Inspections –

High Occupancy/High Life Hazard

- Daycare
- Schools (Public and Private)
- Nursing Homes/Assisted Living
- Hotels/Motels
- Dormitories
- Restaurants

High Hazards

- Industrial/Manufacturing

Any facility that uses, stores, or manufactures hazardous materials.

**Chapter 1
Administration**

107.2 Permits required. Operational permits may be required by the fire official as permitted under the Statewide Fire Prevention Code (SFPC) in accordance with Table 107.2, except that the fire official shall require permits for the manufacturing, storage, handling, use and sale of explosives. In accordance with Section 5601.2.3.1, an application for a permit to manufacture, store, handle, use, or sell explosives shall only be made by designated individual.

Change Table 107.2 to read:

**TABLE 107.2
FIRE PREVENTION/LIFE SAFETY CODE PERMIT FEE SCHEDULE**

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
Aerosol products. An operational permit is required to manufacture, store or handle an aggregate quantity of Level 2 or Level 3 aerosol products in excess of 500 pounds net weight.	YES	\$50.00 Annually	5101.2
Amusement buildings. An operational permit is required to operate a temporary or permanent special amusement building.	YES	\$50.00 Annually	Table 107.2
Aviation facilities. An operational permit is required to use a Group H or Group S occupancy for aircraft servicing or repair and aircraft fuel-servicing vehicles. Additional permits required by other sections of this code include, but are not limited to, hot work, hazardous materials and flammable or combustible finishes.	YES	\$50.00 Annually	2001.3
Carnivals and fairs. An operational permit is required to conduct a carnival or fair. (30 day permit)	YES	\$50.00	Table 107.2
Combustible dust-producing operations. An operational permit is required to operate a grain elevator, flour starch mill, feed mill, or a plant pulverizing aluminum, coal, cocoa, magnesium, spices or sugar, or other operations producing combustible dusts as defined in Chapter 2.	YES	\$50.00 Annually	2201.2
Combustible fibers. An operational permit is required for the storage and handling of combustible fibers in quantities greater than 100 cubic feet. Exception: An operational permit is not required for agricultural storage.	YES	\$50.00 Annually	5201.3
Compressed gas. An operational permit is required for the storage, use or handling at normal temperature and pressure (NTP) of compressed gases in excess of the amounts listed below. Exception: Vehicles equipped for and using compressed gas as a fuel for propelling the vehicle.	YES	\$100.00 Annually	5301.2
PERMIT AMOUNTS FOR COMPRESSED GASES			
TYPE OF GAS	AMOUNT (cubic feet at NTP)		
Corrosive	200		
Flammable (except cryogenic fluids and liquefied petroleum gases)	200		
Highly toxic	Any Amount		
Inert and simple asphyxiate	6,000		
Oxidizing (including oxygen)	504		
Toxic	Any Amount		
For SI: 1 cubic foot = 0.02832 m ³			

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
<p>Covered mall buildings. An operational permit is required for:</p> <ol style="list-style-type: none"> 1. The placement of retail fixtures and displays, concession equipment, displays of highly combustible goods and similar items in the mall. 2. The display of liquid-fired or gas-fired equipment in the mall. 3. The use of open-flame or flame-producing equipment in the mall. 	YES	\$50.00 Annually	Table 107.2
<p>Cryogenic fluids. An operational permit is required to produce, store, transport on site, use, handle or dispense cryogenic fluids in excess of the amounts listed below.</p> <p>Exception: Operational permits are not required for vehicles equipped for and using cryogenic fluids as a fuel for propelling the vehicle or for refrigerating the lading.</p>	YES	\$100.00 Annually	5501.2
PERMIT AMOUNTS FOR CRYOGENIC FLUIDS			
TYPE OF CRYOGENIC FLUIDS	INSIDE BUILDING (gallons)	OUTSIDE BUILDING (gallons)	
Flammable	More than 1	60	
Inert	60	500	
Oxidizing (includes oxygen)	10	50	
Physical or health hazard not indicated above	Any Amount	Any Amount	
For SI: 1 gallon = 3.785 L.			
<p>Dry cleaning plants. An operational permit is required to engage in the business of dry cleaning or to change to a more hazardous cleaning solvent used in existing dry cleaning equipment.</p>	YES	\$50.00 Annually	2101.2
<p>Exhibits and trade shows. An operational permit is required to operate exhibits and trade shows.</p>	YES	\$50.00 Per Occurrence	Table 107.2
<p>Explosives: Explosives Use, Each Site or Location (3 Month Permit)</p>	YES	\$100.00	5601.2
<p>Explosives: Transportation. Each Vehicle (12 Month Permit)</p>	YES	\$50.00	5601.2
<p>Explosives: Firm or Company License. Firm/Company must furnish the Fire Marshal's Office with a copy of their current Certificate of Liability Insurance in addition to Blaster's Cards/Certifications for ALL Certified Blasters in employment with company.</p>	YES	\$50.00 Annually	5601.2
<p>Explosives: Storage & Display of Black Powder/Smokeless Powder (12 Month Permit)</p>	YES	\$100.00 per magazine	5601.2
<p>Explosives: Storage: Approved Overnight Storage (One Day permit)</p>	YES	\$100.00	5601.2

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
Fireworks: Retail Sale of Permissible Fireworks, Outside Stand (45 Day Permit)	YES	\$400.00	5601.2
Fireworks: Retail Sale of Permissible Fireworks, Mercantile Occupancy (1 Year Permit)	YES	\$250.00	5601.2
Fireworks: Outdoor Fireworks Display Aerial or proximate audience. (One Day Permit)	YES	\$250.00	5601.2
Flammable and combustible liquids: To store, handle or use Class I liquids in excess of 5 gallons in a building or in excess of 10 gallons outside of a building, except that a permit is not required for the following: <ol style="list-style-type: none"> 1. The storage or use of Class I liquids in the fuel tank of a motor vehicle, aircraft, motorboat, mobile power plant or mobile heating plant, unless such storage, in the opinion of the fire official, would cause an unsafe condition. 2. The storage or use of paints, oils, varnishes or similar flammable mixtures when such liquids are stored for maintenance, painting or similar purposes for a period of not more than 30 days. 	YES	\$100.00 Annually	5701.4
Flammable and combustible liquids: To store, handle or use Class II or Class IIIA liquids in excess of 25 gallons in a building or in excess of 60 gallons outside a building, except for fuel oil used in connection with oil-burning equipment.	YES	\$100.00 Annually	5701.4
Flammable and combustible liquids – Tank: Above - ground or Underground Storage Only	YES	\$100.00 Annually	5701.4
Flammable and combustible liquids – Tank: Above – ground or Underground Storage utilizing dispensing equipment.	YES	\$100.00 Annually	5701.4
Flammable and combustible liquids – Tank: Bulk Storage Facility – in Excess of 100,000 Gallons.	YES	\$100.00 Annually	5701.4
Flammable and combustible liquids – Tank: Installation. Above/Underground Tank.	YES	\$100.00 Annually	5701.4
Flammable and combustible liquids – Tank: Alter or Relocate an Existing Tank.	YES	\$100.00 Annually	5701.4
Flammable and combustible liquids – Tank: Place temporarily out of service (more than 90 days)	YES	\$100.00 Annually	5701.4
Flammable and combustible liquids – Tank: Underground Abandonment.	YES	\$100.00 Annually	5701.4
Flammable and combustible liquids – Tank: Above-ground/Underground Removal (90 Day Permit)	YES	\$100.00	5701.4
Flammable and combustible liquids – Tank: Change the contents to a greater hazard.	YES	\$100.00 Annually	5701.4
Flammable and combustible liquids – Tank: Manufacture process, blend or refine flammable or combustible liquids.	YES	\$100.00 Annually	5701.4

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
Fumigation and thermal insecticide fogging. An operational permit is required to operate a business of fumigation or thermal insecticide fogging and to maintain a room, vault or chamber in which a toxic or flammable fumigant is used.	YES	\$50.00 Per Location	2601.2
Hazardous materials. An operational permit is required to store transport on site, dispense, use or handle hazardous materials in excess of the amounts listed below.	YES	\$100.00 Annually	5001.5
PERMIT AMOUNTS FOR HAZARDOUS MATERIALS			
TYPE OF MATERIAL	AMOUNT		
Combustible liquids	See flammable and combustible liquids		
Corrosive materials			
Gases	See compressed gases		
Liquids	55 gallons		
Solids	1000 pounds		
Explosive materials	See explosives		
Flammable materials			
Gases	See compressed gases		
Liquids	See flammable and combustible liquids		
Solids	100 pounds		
Highly toxic materials			
Gases	See compressed gases		
Liquids	Any amount		
Solids	Any amount		
Oxidizing materials			
Gases	See compressed gases		
Liquids			
Class 4	Any amount		
Class 3	1 gallon ^a		
Class 2	10 gallons		
Class 1	55 gallons		
Solids			
Class 4	Any amount		
Class 3	10 pounds ^b		
Class 2	100 pounds		
Class 1	500 pounds		
Organic peroxides			
Liquids			
Class I	Any amount		
Class II	Any amount		
Class III	1 gallon		
Class IV	2 gallons		
Class V	No permit required		

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
PERMIT AMOUNTS FOR HAZARDOUS MATERIALS (con't)			
TYPE OF MATERIAL AMOUNT	YES	\$100.00 Annually	5001.5
Solids			
Class I			
Class II			
Class III			
Class IV			
Class V			
Pyrophoric materials			
Gases			
Liquids			
Solids			
Toxic materials			
Gases			
Liquids			
Solids			
Unstable (reactive) materials			
Liquids			
Class 4			
Class 3			
Class 2			
Class 1			
Solids			
Class 4			
Class 3			
Class 2			
Class 1			
Water-reactive materials			
Liquids			
Class 3			
Class 2			
Class 1			
Solids			
Class 3			
Class 2			
Class 1			
For SI: 1 gallon = 3.785 L, 1 pound = 0.454 kg.			
a. Twenty gallons when Table 5003.1.1(1) Note k applies and hazard identification signs in accordance with Section 5003.5 are provided for quantities of 20 gallon or less.			
b. Twenty pounds when Table 5003.1.1(1) Note k applies and hazard identification signs in accordance with Section 5003.5 are provided for quantities of 200 pounds or less.			
HPM facilities. An operational permit is required to store, handle or use hazardous production materials.	YES	\$100 Annually	2701.5
High piled storage. An operational permit is required to use a building or portion thereof as a high-piled storage area. See table 3206.2	YES	\$50.00 Annually	3201.2

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
Hot work operations. An operational permit is required to conduct cutting or welding operations within the jurisdiction.	YES	\$50.00 Annually	3501.2
Hot work operations. Public exhibitions and demonstrations (Each Exhibitor – 7 Day Permit).	YES	\$50.00	3501.2
Hot work operations. Use of portable hot work and open flame equipment or devices inside a structure. Exception: Work that is conducted under a construction permit.	YES	\$50.00 Annually	3501.2
Hot work operations. Fixed site hot work equipment such as welding booths.	YES	\$50.00 Annually	3501.2
Hot work operations. Application of roof coverings with the use of an open-flame device.	YES	\$50.00 Annually	3501.2
Hot work operations. When approved, the fire official shall issue a permit to carry out a Hot Work Program. This program allows approved personnel to regulate their facility's hot work operations. The approved personnel shall be trained in the fire safety aspects denoted in this chapter and shall be responsible for issuing permits requiring compliance with the requirements found in this chapter. These permits shall be issued only to their employees or hot work operations under their supervision.	YES	\$50.00 Annually	3501.2
Hotels , Motels and Dormitories.	YES	\$50.00 Annually	Table 107.2
Industrial ovens. An operational permit is required for operation of industrial ovens regulated by Chapter 30.	YES	\$50.00 Annually	3001.2
Liquid-fueled or gas-fueled vehicles or equipment in assembly buildings. An operational permit is required to display, operate or demonstrate liquid-fueled or gas-fueled vehicles or equipment in assembly buildings.	YES	50.00 Annually	Table 107.2
LP-gas. An operational permit is required for: 1. Storage and use of LP-gas. Exception: An operational permit is not required for individual containers with a 500-gallon water capacity or less or multiple container systems having an aggregate quantity not exceeding 500 gallons serving occupancies in Group R-3. 2. Operation of cargo tankers that transport LP-gas.	YES 0 – 499 gals 500+ gals	Annually \$0 \$50.00	6101.2
Lumber yards and woodworking plants. An operational permit is required for the storage or processing of lumber exceeding 100,000 board feet (8,333 ft ³).	YES	\$50.00 Annually	2801.2
Magnesium. An operational permit is required to melt, cast, heat treat or grind more than 10 pounds of magnesium.	YES	\$50.00 Annually	5901.2

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
Miscellaneous combustible storage. An operational permit is required to store in any building or upon any premises in excess of 2,500 cubic feet gross volume of combustible empty packing cases, boxes, barrels or similar containers, rubber tires, rubber, cork or similar combustible material.	YES	\$50.00 Annually	315.2
Open Burning. Industrial or Occupational. No burn area larger than 20,000 sq. ft. or higher than 20 ft. (90 Day Permit)	YES	\$100.00	307.2
Open Burning. Bonfires (One Day Permit)	YES	\$50.00	307.2
Open flames and candles. An operational permit is required to use open flames or candles in connection with assembly areas, dining areas of restaurants or drinking establishments. Open flames and torches. An operational permit is required to remove paint with a torch; or to use a torch or open-flame device in a wildfire risk area.	NO Candles YES Torches	\$50.00 Annually	308.2
Open flame performances. Open flame theatrical performances.	YES	\$50.00 Per Event	308.2
Organic coatings. An operational permit is required for any organic-coating manufacturing operation producing more than 1 gallon of an organic coating in one day.	YES	\$50.00 Annually	2901.2
Places of Assembly. An operational permit is required to operate a place of assembly.	YES	\$50.00 Annually	Table 107.2
Private fire hydrants. An operational permit is required for the removal from service, use or operation of private fire hydrants. Exception: An operational permit is not required for private industry with trained maintenance personnel, private fire brigade or fire departments to maintain, test and use private hydrants.	YES	\$50.00 Annually	Table 107.2
Pyrotechnics special effects material. An operational permit is required for use and handling of pyrotechnic special effects material. (One Day Permit)	YES	\$250.00	Table 107.2
Pyroxylin plastics. An operational permit is required for storage or handling of more than 25 pounds of cellulose nitrate (pyroxylin) plastics and for the assembly or manufacture of articles involving pyroxylin plastics.	YES	\$100.00 Annually	6501.2
Repair garages and service stations. An operational permit is required for operation of repair garages and automotive, marine and fleet service stations.	YES	\$50.00 Annually	2301.2
Spraying or dipping. An operational permit is required to conduct a spraying or dipping operation utilizing flammable or combustible liquids or the application of combustible powders regulated by Chapter 24.	YES	\$50.00 Annually	2401.3

DESCRIPTION	PERMIT REQUIRED (Yes or No)	PERMIT FEE	CODE REFERENCE
Storage of scrap tires and tire byproducts. An operational permit is required to establish, conduct or maintain storage of scrap tires and tire byproducts that exceed 2,500 cubic feet of total volume of scrap tires and for indoor storage of tires and tire byproducts.	YES	\$50.00 Annually	3201.2
Temporary membrane structures and tents. An operational permit is required to operate an air-supported temporary membrane structure or a tent. Exceptions: 1. Tents used exclusively for recreational camping purposes. 2. Tents and air-supported structures that cover an area of 900 square feet or less, including all connecting areas or spaces with a common means of egress or entrance and with an occupant load of 50 or less persons. 3. Fabric canopies and awnings open on all sides which comply with all the following: 3.1 Individual canopies shall have a maximum size of 700 square feet. 3.2 The aggregate area of multiple canopies placed side by side without a fire break clearance of 12 feet shall not exceed 700 square feet total. 3.3 A minimum clearance of 12 feet to structures and other tents shall be provided.	YES	\$50.00 Per Event	3103.4
Tire rebuilding plants. An operational permit is required for the operation and maintenance of a tire-rebuilding plant.	YES	\$50.00 Annually	Table 107.2
Waste handling. An operational permit is required for the operation of wrecking yards, junk yards and waste material-handling facilities	YES	\$50.00 Annually	3201.2
Wood products. An operational permit is required to store chips, saw dust, hogged material, lumber or plywood in excess of 200 cubic feet.	YES	\$50.00 Annually	Table 107.2

NOTE: All identified hazards must be permitted and inspected however only the highest hazard permit fee will be levied. Any business not requiring a permit will be subject to an annual inspection, there will not be a permit fee but if there are code violations a \$50.00 re-inspection fee will be imposed.



**Frederick County Fire and Rescue Department
Life Safety Division
Office of the Fire Marshal**

1080 Coverstone Drive
Winchester, VA 22602

Phone: (540) 665-6350 Fax: (540) 678-4739

Fire Marshal Use Only:	
Date Received:	_____
Payment:	_____
Account Number:	_____
Renewal: Yes	No

Application for Fire Prevention/Life Safety Code Permit(s)

When applying for a Fire Prevention/Life Safety Code permit please complete the below information. If you need assistance with this application, please call the Fire Marshal's Office at 540-665-6350.

This application is for: (check appropriate line and complete the information – PLEASE PRINT)

_____ Initial application for new permit(s)

_____ Renewal application for existing permit(s) Account Number _____

Business Owner: _____

Business Owner Phone #: _____

Business Name: _____

Manager/Representative: _____

Print Name Email Address

Business Address: _____

Street Address City State Zip

Business Phone #: _____

Type of Business: _____

Name of Emergency Contact Person: _____

Print Name

Telephone #

Please allow ten business days for processing of application and issuance of Fire Prevention/Life Safety permit. Check all that apply and complete the required information.

Permit	Type	Fee	Permit	Type	Fee
	Facilities, Occupancies and Precautions Against Fire			Combustible Storage and Hazardous Operations	
	Amusement Building	\$ 50.00		Aerosol Products	\$ 50.00
	Aviation Facilities	\$ 50.00		Combustible Dust-Producing Operations	\$ 50.00
	Carnivals and Fairs	\$ 50.00		Combustible Fibers	\$ 50.00
	Covered Mall Building	\$ 50.00		Compressed Gases	\$100.00
	Dry Cleaning Facility	\$ 50.00		Floor Finishing	\$ 50.00
	Exhibit or Trade Show	\$ 50.00		Fumigation and Thermal Insecticide Fogging	\$ 50.00
	Hazardous Production Materials (HPM) Facility	\$100.00		High Piled Storage	\$ 50.00
	Hotels, Motels and Dormitories	\$ 50.00		Hot Work Operations	\$ 50.00
	Lumber Yards and Woodworking Plants	\$ 50.00		Industrial Ovens	\$ 50.00
	Open Flames and Torches	\$ 50.00		Liquid-fueled or gas-fueled vehicles or equipment in assembly buildings	\$ 50.00
	Open Burning	\$100.00		LP-gas (500+ gallons)	\$ 50.00
	Open Burning – Bonfire	\$ 50.00		Magnesium Operations	\$ 50.00
	Organic Coating Manufacturing Facility	\$ 50.00		Miscellaneous Combustible Storage	\$ 50.00
	Places of Assembly	\$ 50.00		Spraying or dipping.	\$ 50.00
	Private Fire Hydrants	\$ 50.00		Storage of scrap tires and tire byproducts	\$ 50.00
	Repair Garages & Service Stations	\$ 50.00		Tire-Rebuilding Plants	\$ 50.00
	Tents, Canopies and Membrane Structure	\$ 50.00			
	Waste Handling Facility	\$ 50.00		Explosives and Hazardous Materials	
	Wood Products	\$ 50.00		See Next Page	

NOTE: Permit(s) may require additional application

Hazardous Materials				
Permit	Type of Material (see VSFPC 2072 for definitions)	Product Name(s)	Maximum Quantity (pounds, gallons, or cubic feet)	Fee
	Corrosive Materials			\$100.00
	Cryogenic Fluids			\$100.00
	Flammable and Combustible Liquids			\$100.00
	Flammable Gases			\$100.00
	Flammable Solids			\$100.00
	Highly Toxic Materials			\$100.00
	Organic Peroxides			\$100.00
	Oxidizers			\$100.00
	Pyrophoric Materials			\$100.00
	Pyroxylin Plastics			\$100.00
	Unstable Materials			\$100.00
	Water-Reactive Materials			\$100.00

NOTE: Application for a permit shall include a Hazardous Materials Management Plan (HMMP) and a Hazardous Materials Inventory Statement (HMIS). Please see attached information.

Permit	Type	Fee
	Fireworks and other Explosives	
	Explosives: Explosives Use, Each Site or Location (3 month permit)	\$100.00
	Explosives: Transportation. Each vehicle (12 month permit)	\$ 50.00
	Explosives: Firm or Company License	\$ 50.00
	Explosives: Storage & Display Black Powder/Smokeless Powder (12 month permit)	\$100.00 per mag
	Explosives: Storage. Approved Overnight Storage (One Day Permit)	\$100.00
	Fireworks: Retail Sale of Permissible Fireworks, Outside Stand (45 Day Permit)	\$250.00
	Fireworks: Retail Sale of Permissible Fireworks, Mercantile Occupancy (1 year permit)	\$400.00
	Fireworks: Outdoor Fireworks Display Aerial or proximate audience (One Day Permit)	\$250.00
	Pyrotechnics Special Effects Material	\$250.00

NOTE: Permit(s) may require additional application

Make checks payable to Treasurer of Frederick County

Total Fee Due: \$ _____

A permit, if granted, shall constitute permission to maintain, store or handle materials, or to conduct processes that produce conditions hazardous to life or property in accordance with the provisions of County and State codes and ordinances. Such permission shall not be construed as authority to violate, cancel or set aside any of the provisions of these codes. Said permit shall remain in effect until revoked, or for such period of time specified on the permit. Permits are not transferable and any change in use, operation or tenancy shall require a new permit.

The fire official may revoke a permit or approval under the provisions of these codes if:

- Right of entry to the premises and/or delivery vehicles for inspection at any reasonable time is denied to the fire official, or
- Upon inspection, any violations of these codes exists or conditions of the permit have been violated, or
- There have been any false statements or misrepresentation as to material fact in the application, data, or plans on which the permit or approval was based.

I hereby certify that I have read and examined this application and know the same to be true and correct. I agree to all the conditions set forth in this application, and I give consent for any reasonable fire code inspections required by the fire official.

Print name: _____

Signature: _____ Date: _____

Hazardous Materials

5001.5.1 Hazardous Materials Management Plan. Where required by the *fire code official*, an application for a permit shall include a Hazardous Materials Management Plan (HMMP). The HMMP shall include a facility site plan designating the following:

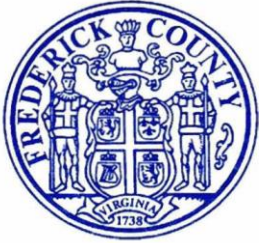
1. Access to each storage and use area.
2. Location of emergency equipment.
3. Location where liaison will meet emergency responders.
4. Facility evacuation meeting point locations.
5. The general purpose of other areas within the building
6. Location of all above-ground and underground tanks and their appurtenances including, but not limited to, sumps, vaults, below-grade treatment systems and piping.
7. The hazard classes in each area.
8. Locations of all control areas and Group H occupancies.
9. Emergency exits.

The HMMP shall be maintained onsite for use by emergency responders, and shall be updated not less than annually.

5001.5.2. Hazardous Materials Inventory Statement (HMIS). Where required by the *fire code official*, an application for a permit shall include an HMIS, such as Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, Tier II Report or other *approved* statement. The HMIS shall include the following information:

1. Product name.
2. Component.
3. Chemical Abstract Service (CAS) number.
4. Location where stored or used.
5. Container size.
6. Hazard classification.
7. Amount in storage.
8. Amount in use-*closed systems*.
9. Amount in use-*open systems*.

The HMIS shall be maintained onsite or readily available through another means where approved by the fire code official for use by temporary responders, and shall be updated not less than annually.

**COUNTY of FREDERICK****Department of Public Works**

540/665-5643

FAX: 540/678-0682

MEMORANDUM

TO: Public Works Committee

THROUGH: Harvey E. Strawsnyder, Director of Public Works *HEE*

FROM: Steve Frye, Landfill Manager

SUBJECT: Waste Acceptance Approval and Request for Supplemental Appropriation

DATE: January 20, 2015

We request that the Public Works Committee take action on the following two requests:

Rappahannock Electric Cooperative has asked the landfill to accept old telephone poles generated from their service area. Rappahannock's service area includes Frederick County, Clarke County and Warren County with their Blue Ridge office being located in Warren County. This request is being brought to the committee due to the fact that their office is located outside of the landfill's service area. Please see the attached email from Darrell Potter, REC's Director of Operations and Construction for further details.

A supplemental appropriation from the landfill reserve in the amount of \$1,575,000 is being requested in order to proceed with closure of nine acres of Construction Demolition Debris Landfill area. This request is being made in order to facilitate closure of this area which has reached final grades ahead of the projected schedule. Closure plans are currently being prepared by our landfill engineer and the project will be ready for bidding by the middle of March.

Steve Frye

From: Darrell Potter <dpotter@myrec.coop>
Sent: Monday, January 05, 2015 1:47 PM
To: Steve Frye
Cc: Mark Stuckey; Randye Butcher; Mike Riley
Subject: poles

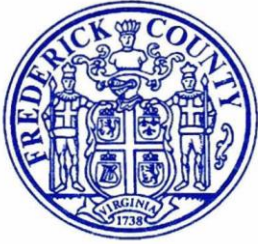
Steve per our discussion I am writing this letter to seek permission to take our discarded poles to the Frederick County Landfill location. The Blue Ridge Office in Front Royal had been taking the poles to Page County landfill but they will no longer accept them due to reasons I cannot figure out. We have done everything they have asked of us to do and yet they all of a sudden refuse. The Blue Ridge office serves 3 counties in Va. (Clarke, Frederick, and Warren). Clarke and Frederick Counties account for 72% of our members and Warren Co. accounts for the other 28%. We would greatly appreciate any help you could give us as we have nowhere else to go. Thank you for your time.

Darrell Potter

Director of Operations and Construction
Rappahannock Electric Cooperative
137 Kelley Court
Front Royal, VA 22630
(540) 622-5151 (O)
(540) 247-2506 (C)
www.myrec.coop



"This message may contain confidential and/or proprietary information, and is intended for person/entity to whom it was originally addressed. Any use by others is strictly prohibited."


COUNTY of FREDERICK
Department of Public Works

540/665-5643

FAX: 540/678-0682

MEMORANDUM

TO: Public Works Committee
FROM: Harvey E. Strawsnyder, Jr., P.E., Director of Public Works *HES*
SUBJECT: Monthly Tonnage Report - Fiscal Year 14/15
DATE: February 12, 2015

The following is the tonnage for the months of July 2014, through June 2015, and the average monthly tonnage for fiscal years 03/04 through 14/15.

FY 03-04:	AVERAGE PER MONTH:	16,348 TONS (UP 1,164 TONS)
FY 04-05:	AVERAGE PER MONTH:	17,029 TONS (UP 681 TONS)
FY 05-06:	AVERAGE PER MONTH:	17,785 TONS (UP 756 TONS)
FY 06-07:	AVERAGE PER MONTH:	16,705 TONS (DOWN 1,080 TONS)
FY 07-08:	AVERAGE PER MONTH:	13,904 TONS (DOWN 2,801 TONS)
FY 08-09:	AVERAGE PER MONTH:	13,316 TONS (DOWN 588 TONS)
FY 09-10:	AVERAGE PER MONTH:	12,219 TONS (DOWN 1,097 TONS)
FY 10-11:	AVERAGE PER MONTH:	12,184 TONS (DOWN 35 TONS)
FY 11-12:	AVERAGE PER MONTH:	12,013 TONS (DOWN 171 TONS)
FY 12-13:	AVERAGE PER MONTH:	12,065 TONS (UP 52 TONS)
FY 13-14:	AVERAGE PER MONTH:	12,468 TONS (UP 403 TONS)
FY 14-15:	AVERAGE PER MONTH:	12,693 TONS (UP 225 TONS)

MONTH	FY 2013-2014	FY 2014-2015
JULY	13,514	14,029
AUGUST	13,343	13,585
SEPTEMBER	12,345	13,274
OCTOBER	13,266	14,339
NOVEMBER	10,857	11,194
DECEMBER	11,614	12,132
JANUARY	11,411	10,297
FEBRUARY	10,021	
MARCH	11,518	
APRIL	13,796	
MAY	14,340	
JUNE	13,594	

HES/gmp

RECYCLING REPORT - FY 13/14

<u>MONTH</u>	<u>GLASS</u>	<u>PLAST</u>	<u>AL</u> <u>CANS</u>	<u>STEEL</u> <u>CANS</u>	<u>PAPER</u>	<u>OCC</u>	<u>SHOES</u>	<u>TEXTILE</u>	<u>ELEC</u>	<u>SCRAP</u>	<u>TOTAL</u>
JUL	94,600	39,540	3,795	7,805	95,540	78,420	1,460	1,580	47,000	173,520	543,260
AUG	68,720	32,390	3,150	6,310	99,440	76,410	1,460	1,940	46,920	146,400	483,140
SEP	74,040	32,860	3,060	6,590	79,180	72,380	1,000	3,160	48,840	152,100	473,210
OCT	77,220	34,280	3,655	8,965	134,360	73,880	1,160	1,700	23,580	154,640	513,440
NOV	58,960	27,293	2,540	7,400	120,000	67,630	1,340	1,600	44,340	130,486	461,589
DEC	88,020	35,800	3,975	11,185	149,220	90,070	2,280	2,640	24,900	142,880	550,970
JAN	80,980	30,440	3,485	8,120	85,460	71,900	1,160	1,760	38,020	79,720	401,045
FEB	0	0	0	0	0	0	0	0	0	0	0
MAR	0	0	0	0	0	0	0	0	0	0	0
APR	0	0	0	0	0	0	0	0	0	0	0
MAY	0	0	0	0	0	0	0	0	0	0	0
JUN	0	0	0	0	0	0	0	0	0	0	0
TOTAL	542,540	232,603	23,660	56,375	763,200	530,690	9,860	14,380	273,600	979,746	3,426,654
FY 13-14	904,780	417,090	39,399	99,177	1,281,105	902,701	15,230	22,650	611,580	1,639,225	5,932,937
FY 12-13	913,530	410,338	45,086	102,875	1,508,029	878,450	15,020	24,680	502,680	1,321,938	5,722,626
FY 11-12	865,380	398,320	43,884	99,846	1,492,826	840,717	8,200	29,720	484,600	1,432,678	5,696,171
FY 10-11	949,185	378,452	42,120	98,474	1,404,806	824,873	18,420	23,280	467,920	1,220,107	5,427,637
FY 09-10	1,123,671	370,386	42,844	96,666	1,235,624	671,669	21,160		435,680	1,348,398	5,346,098
FY 08-09	762,810	322,928	23,473	55,246	1,708,302	564,957	28,780		404,760	1,097,151	4,968,407
FY 07-08	794,932	284,220	15,783	40,544	1,971,883	545,692	0		498,110	1,172,880	5,324,044
FY 06-07	600,464	200,720	11,834	29,285	1,684,711	441,321	0		382,574	550,070	3,900,979
FY 05-06	558,367	190,611	12,478	28,526	1,523,162				381,469	204,220	2,898,833
FY 04-05	549,527	193,224	11,415	27,525	1,552,111				273,707	25,080	2,632,589
FY 03-04	541,896	174,256	11,437	31,112	1,443,461				156,870	336,230	2,695,262
FY 02-03	413,627	146,770	9,840	23,148	1,381,195				62,840	171,680	2,209,100
FY 01-02	450,280	181,040	10,565	25,553	1,401,206				54,061	58,140	2,180,845
FY 00-01	436,615	198,519	10,367	24,988	1,759,731					9,620	2,439,840
FY 99-00	422,447	177,260	10,177	22,847	1,686,587					44,180	2,363,498
FY 98-99	402,192	184,405	9,564	22,905	1,411,950					48,810	2,079,826
FY 97-98	485,294	136,110	13,307	29,775	1,830,000						2,494,486
FY 96-97	373,106	211,105	23,584	46,625	1,690,000						2,344,420
FY 95-96	511,978	167,486	28,441	44,995	1,553,060						2,305,960
TO DATE	10,241,771	3,915,812	331,113	748,060	26,730,615	3,889,229	76,560	53,000	3,602,591	7,719,244	57,307,995

FREDERICK COUNTY ESTHER BOYD ANIMAL SHELTER FY 2014-2015

DOG REPORT

MONTH	ON HAND AT FIRST OF MONTH	RECEIVED AT KENNEL	BROUGHT IN BY ACO	BITE CASES	BORN AT KENNEL	ADOPTED	RECLAIMED	DISPOSED	DIED AT KENNEL	ESCAPED/ STOLEN	CARRIED OVER NEXT MONTH
JULY	50	40	47	2	0	49	42	3	1	0	44
AUG	44	39	24	1	0	28	22	8	0	0	50
SEP	50	37	39	0	0	38	32	3	0	0	53
OCT	53	50	30	2	0	38	31	5	0	0	61
NOV	61	35	35	2	0	37	24	6	3	0	63
DEC	63	32	23	2	0	54	24	9	0	0	33
JAN	33	44	47	0	0	46	21	8	1	0	48
FEB											
MAR											
APR											
MAY											
JUN											
TOTAL	354	277	245	9	0	290	196	42	5	0	352

In the month of January - 124 dogs in and out of kennel. 5 dogs transferred to Clarke County, 1 dog to S.P.C.A., 1 dog transferred to rescue.

FREDERICK COUNTY ESTHER BOYD ANIMAL SHELTER FY 2014-2015

CAT REPORT

MONTH	ON HAND AT FIRST OF MONTH	RECEIVED AT KENNEL	BROUGHT IN BY ACO	BITE CASES	BORN AT KENNEL	ADOPTED	RECLAIMED	DISPOSED	DIED AT KENNEL	ESCAPED/ STOLEN	CARRIED TO NEXT MONTH
JULY	143	179	31	7	9	31	1	203	22	0	112
AUG	112	211	15	0	0	26	1	176	16	0	119
SEP	119	182	18	5	6	35	2	137	31	0	125
OCT	125	188	22	0	0	24	6	185	13	0	107
NOV	107	89	8	2	4	27	4	95	18	0	66
DEC	66	58	24	0	0	25	1	68	6	0	48
JAN	48	43	34	0	0	17	3	46	10	0	49
FEB											
MAR											
APR											
MAY											
JUN											
TOTAL	720	950	152	14	19	185	18	910	116	0	626

In the month of January - 125 cats in and out of shelter.

MEMORANDUM

TO: Green Advisory Committee
FROM: Jonathan M. Turkel, Park & Stewardship Planner *JMT*
SUBJECT: Meeting of February 24, 2015
DATE: February 18, 2015

There will be a meeting of the Green Advisory Committee on Tuesday, February 18, 2015, at 8 a.m. in the conference room located on the on the **second floor of the north end of the County Administration Building at 107 North Kent Street, Suite 200**. The agenda thus far is as follows:

Items for discussion:

Continuation of energy use tracking:

Staff is seeking guidance from the Green Advisory Committee on whether or not to continue the energy tracking service program. Below summarizes key points of the program. If the committee chooses to continue with the energy management program, staff will be pursuing switching to an alternative provider for the upcoming renewal period.

Energy management program:

Frederick County processes 69 electric meters and 21 natural gas meters with a combined cost of near \$900,000 per year. Since 2010 these bills have been collected, monitored, and graphically represented by a subscription service. These bills represent electric and natural gas consumption for County Administration, NRADC, Landfill, Airport, and Shawneeland.

Why did tracking start?

Primarily as a means of seeing if money could be saved. Keeping track of utility cost and use was seen as a means by which opportunities could be identified and costs managed. Energy reduction goals adopted in 2010 added to the interest in tracking energy consumption (**Attachment 1**). As energy efficiency measures were pursued, ongoing monitoring of energy consumption was used as a means for validating results.

Why a subscription service?

Having a repository of accurate utility data is a useful tool for understanding useage patterns and monitoring intentional or unintentional changes. It was found that while some meters were being formally tracked the vast majority were not. Managing and tracking utility bills in-house was

found to be overly time consuming and the data format difficult to use. Based on a calculation of staff time the subscription service offered cost savings.

How much does the subscription cost?

Originally \$4,200 per year in 2011 the service cost \$5,200 in 2014. Cost increase has been due to improved service capabilities of the provider and general inflation. If the program is to continue staff will likely pursue a subscription with the new service provider with improved data outputs. The annual fee with the new provider would be \$4,500, but with one time historical data import and utility setup costs of \$2,000.

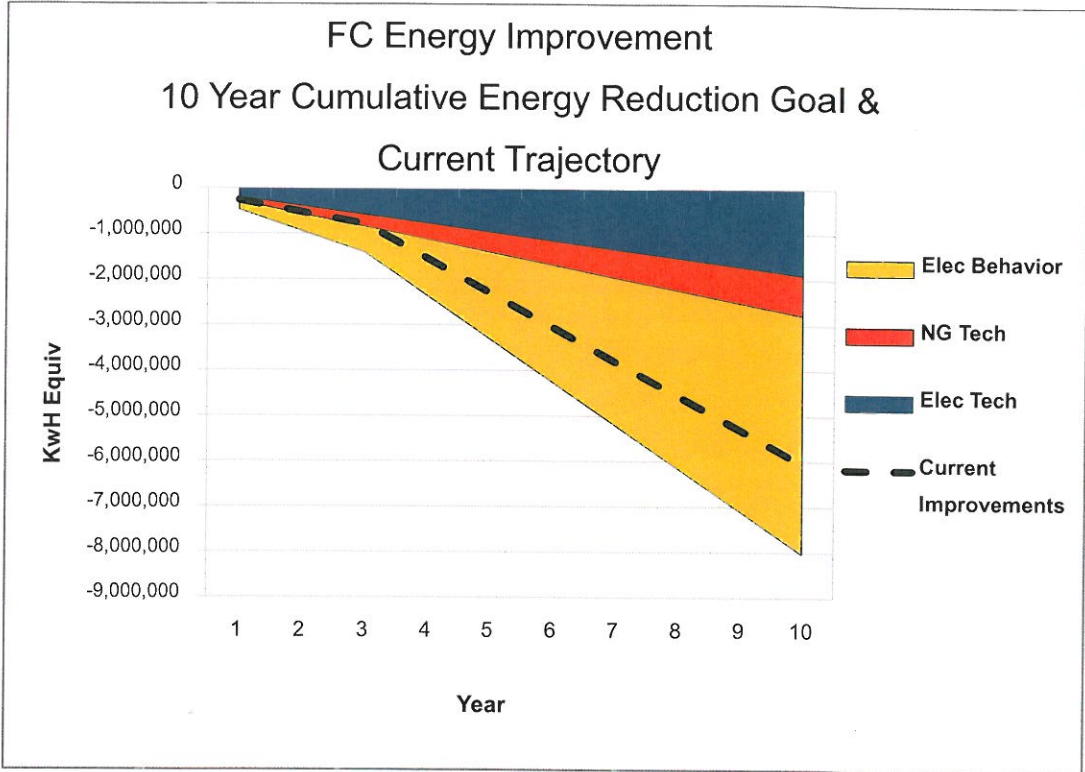
How has the program worked?

While overall energy consumption has decreased since the program began (**see Attachment 2**) program utilization has been mixed. The program provided \$6,900 in annual cost avoidance associated with the FY11 Energy Performance Contract with Siemens, however this savings is no longer contingent on the program continuation. Small opportunities (primarily behavioral changes) have been identified as a result of program anomaly identifications on meters that would not otherwise be tracked, but cause and effect relationships are difficult to determine in larger facilities and when considering the influence of weather on consumption.

On the whole, monitoring of energy meters has found that consumption and billing is progressing as anticipated. Facilities where energy efficiency measures have taken place are performing better than previously, and monitoring of billing for errors has shown that billing is accurate.

What is next?

If staff is directed to continue the program, staff will pursue a new service provider. The new service will provide monthly (rather than quarterly) reporting and integrated weather normalization in addition to tracking and monitoring. A primary purpose being to provide more relevant information to decision makers to allow for continued diligence in energy utilization.



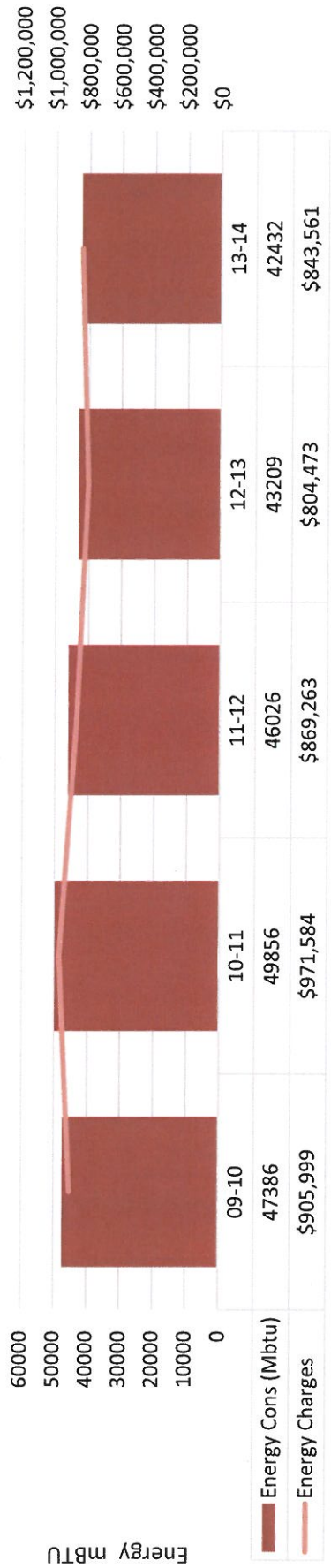
Energy consumption reduction targets from 2010. Energy efficiency improvements at the County Admin and Public Safety buildings met target technological targets & subsequent cumulative reductions. NRADC reductions bend the improvement curve at year 3. Results are based on verified savings through Performance Contract with Siemens. No behavioral impacts are attributed.



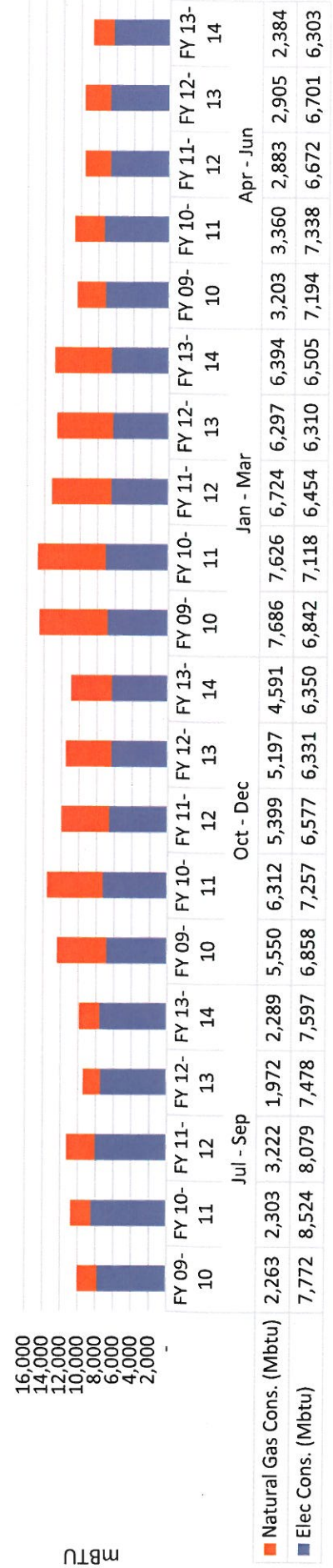
ENERGY

Quarterly & Annual Summary

Annual Consumption & Costs to End of Q4, FY 13-14



Quarterly Energy Consumption to End of Q4, FY 13-14



- At the end of Q4, FY 13-14, organisation wide energy consumption decreased by 2% compared to the same period previous fiscal year
- Electricity decreased by 0% and gas decreased by 4%