

City of Covington
Public Works Meeting

City Hall

LLC at 4:00 P.M.

May 7, 2019

1. **2019 Paving request. (See attached)**
2. **Utility Board training. (See attached)**
3. **National Public Works Week. (See attached)**
4. **Gasification Plant up date.**
5. **Town Creek cleaning report.**
6. **Bald butcher report.**

Other Business:

1. Code Division monthly report: (See attached)

Adjourn:

Asphalt Estimate

Date: 5/2/2019

Location Hill 51 to Simonton

		Tons	Tons	Tons
Square Ft.	Square Yd	2 inch	1.5 inch	1 inch
43526	4836	532	387	266
Driveways				
0		0	0	0
Total Tons		532	387	266
Cost / Ton	\$ 92.00			
Total Cost		\$ 48,942.57	\$ 35,594.60	\$ 24,471.28

Estimate	\$	-
CAPITAL IMPROVEMENTS		
SEWER	\$	-
WATER		
NAT. GAS		
INSPECTION FEES		
TOTAL	\$	-
SAY		
TOTAL BOND		

Asphalt Estimate

Date: 5/2/2019

Location Tuxedo

		Tons	Tons	Tons
Square Ft.	Square Yd	2 inch	1.5 inch	1 inch
22540	2504	275	200	138
Driveways				
0		0	0	0
Total Tons		275	200	138
Cost / Ton	\$ 92.00			

Total Cost \$ 25,344.98 \$ 18,432.71 \$ 12,672.49

Estimate \$ -

CAPITAL IMPROVEMENTS

SEWER \$ -
 WATER
 NAT. GAS
 INSPECTION FEES

TOTAL \$ -

SAY

TOTAL BOND

Asphalt Estimate

Date: 5/2/2019

Location Freezer Bledso to Dixon

		Tons	Tons	Tons
Square Ft.	Square Yd	2 inch	1.5 inch	1 inch
10659	1184	130	95	65
Driveways				
0		0	0	0
Total Tons		130	95	65
Cost / Ton	\$ 92.00			
Total Cost		\$ 11,985.45	\$ 8,716.69	\$ 5,992.73

Estimate \$ -

CAPITAL IMPROVEMENTS

SEWER \$ -

WATER

NAT. GAS

INSPECTION FEES

TOTAL \$ -

SAY

TOTAL BOND

Asphalt Estimate

Date: 5/2/2019

Location Freezer E Liberty to Bledso

		Tons	Tons	Tons
Square Ft.	Square Yd	2 inch	1.5 inch	1 inch
8398	933	103	75	51
Driveways				
0		0	0	0
Total Tons		103	75	51
Cost / Ton	\$ 92.00			
Total Cost		\$ 9,443.08	\$ 6,867.70	\$ 4,721.54

Estimate	\$	-
CAPITAL IMPROVEMENTS		
SEWER	\$	-
WATER		
NAT. GAS		
INSPECTION FEES		
TOTAL	\$	-
SAY		
TOTAL BOND		

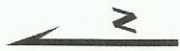
Asphalt Estimate

Date: 5/2/2019

Location Simonton St. TN to Wortham

		Tons	Tons	Tons
Square Ft.	Square Yd	2 inch	1.5 inch	1 inch
74290	8254	908	660	454
Driveways				
0		0	0	0
Total Tons		908	660	454
Cost / Ton	\$ 92.00			
Total Cost		\$ 83,534.98	\$ 60,752.71	\$ 41,767.49

Estimate	\$	-
CAPITAL IMPROVEMENTS		
SEWER	\$	-
WATER		
NAT. GAS		
INSPECTION FEES		
TOTAL	\$	-
SAY		
TOTAL BOND		



- Interstate Highway
- State Highway
- U.S. Numbered Highway
- Interstate
- Freeway and Expressway
- Principal Arterial
- Minor Arterial
- Major Collector
- Minor Collector
- National Highway System
- Major Waterways
- Park Boundary
- City Boundary
- Urban Boundary
- County Boundary

TN **TDOT**
 Department of
 Transportation
 Long Range Planning Division
 Data Visualization Office

COVINGTON
 TENNESSEE
 FUNCTIONAL CLASSIFICATION SYSTEM
 0 0.25 0.50 0.75 1.00 Miles

Date: 1/22/2019

UTILITY BOARD TRAINING AGENDA
MAY 16, 2019 12:00 NOON TO 6:00 PM
100 W. WASHINGTON AVE., COVINGTON, TN

Time	Class	Instructor
11:30 AM to 12:00	Registration - Sign-In	
12:00	Welcome	Mayor Justin Hanson
12:00 to 12:50	Introduction to the Comptroller and Water and Wastewater Financing Board	John Greer
1:00 to 1:50	Open Records/Open Meetings Part 1	Rachel Buckley
2:00 to 2:50	Open Records/Open Meetings Part 2	Rachel Buckley
3:00 tp 3:50	Communicating With Customers	John Dunn (Video)
4:00 to 4:50	Case Studies Part 1	John Greer
5:00 to 5:50	Case Studies Part 2	John Greer
5:50 to 6:00	Wrap-Up	Mayor Justin Hanson
6:00	Dinner is Served	

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2019 NPWW Poster - It Starts Here!



APWA is proud to announce "It Starts Here" as the theme for the 2019 National Public Works Week. This theme represents the many facets of modern civilization that grow out of the efforts put forth by the public works professionals across North America. What starts here? Infrastructure starts with public works... Growth and innovation starts with public works... Mobility starts with public works... Security starts with public works... Healthy communities start with public works... The bottom line is that citizens' quality of life starts with public works. This year's exciting poster embraces a game board concept that puts into perspective the many responsibilities public works professionals take on to build, maintain, and support the infrastructure that helps our communities thrive. We invite those in public works as well as the general public to celebrate these efforts and the indispensable influence they have on our everyday life.

Product Code: PSTR19
 Publisher: APWA
 Date: January 20, 2019
 Media: 20" X 30"
 Member Price: \$13.00
 Nonmember Price: \$16.00

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★★★★★ poster Mar 13, 2019 5:41 PM

By: Mr. Edward J. Kalina, PE
 great poster this year!

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David Gray

From: LL [tiburoninc@aol.com]
Sent: Thursday, April 25, 2019 9:14 AM
To: jhanson@covingtontn.com; rwitherington@lexverum.com; dgray@covingtontn.com
Cc: scottyrn@aol.com; jnokw49@gmail.com
Subject: DEC Meeting

Good Morning to All;

I am writing to follow up on my conversation with David yesterday regarding our meeting with Dr. Abkowitz and her DEC staff on Tuesday in Nashville.

We have been told the following ;

- a. The operating and solid waste permits can be secured in less than 4 weeks. A special medical waste handling permit is not necessary.
- b. The air quality permit will take 90 days.
- c. The current permits will not be valid for just a transfer of name and must be reissued.

We will be contacting David at the beginning of the week to meet in Covington with him as well as meet with the Memphis office of DEC which is much more familiar with the project than the state's main office. Only one of the six regulators at the meeting was totally familiar with the gasification project since its inception and permitting nearly five years ago.

Our opinion of the meeting was that we were well received and that we will be successful in securing all permits. We are just going to try to "speed up" the process.

I will be in touch with David Friday or Monday.

My best regards;

LLOYD

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David Gray

From: Kendra Abkowitz [Kendra.Abkowitz@tn.gov]
Sent: Monday, April 29, 2019 8:42 AM
To: LL (tiburoninc@aol.com); scottym@aol.com; jnokw49@gmail.com
Cc: Vojin Janjic; Ariel Wessel-Fuss; John Fuss; Julie Verissimo; Nickolaus Lytle; Herb Nicholson; Leland Hares; Ronne Adkins; dgray@covingtontn.com
Subject: Covington Gasification Unit Meeting Follow Up
Attachments: APC-PERM-G-02-Construction Permit Application Checklist-012418.pdf; CN-0934.pdf; CN-1035.pdf; Permits by Rule Criteria Response Template.docx; PBR Financial Assurance Worksheet.docx; City of Covington Biomass Gasification Facility (82.9 KB)

Dear Lloyd, Stephen, and John,

Thank you again for your time last week to discuss future potential plans for the Covington gasification unit. For your convenience I am summarizing major takeaways from our meeting on a program by program basis, and have included links or attachments to referenced materials. I have also included a point of contact for each program to facilitate your follow up.

Multi-Media Items

Although the meeting clarified the concepts of the overall project, specific and detailed information will be needed to be able to properly evaluate the permitting requirements. Please send a copy of the "long-format" version of the report that SES referenced numerous times during the meeting. Specific detailed needs include:

- a. A process flow diagram
- b. A facility map showing material storage locations and material transfer routes
- c. A specific and detailed list of proposed feed stock
- d. Waste acceptance procedures (including procedures for when hazardous or otherwise unacceptable waste is sent to the facility)

SES mentioned a purchasing option per the terms of the lease with the City of Covington after 90 days of operation. Per the attached correspondence from TDEC's Office of General Counsel sent to Mayor Hanson, should the City of Covington sell the gasification unit, it would be required to repay grant funds previously received for the unit to the state in the amount of \$250,000.

Please send all multi-media items to Kendra Abkowitz (Kendra.Abkowitz@tn.gov).

Water Resource Items

The current NPDES permit held by the City of Covington for their wastewater treatment plant discharge addresses conventional pollutants related to municipal discharges ([TN0020982](#)). Provided there are no changes to the use of effluent as non-contact cooling water, it is likely that no changes to the permit will be needed. This permit currently includes requirements for utilizing treated effluent as non-contact cooling water in the gasification unit. The permit addresses thermal load to the receiving stream by including numeric limitations to the stream that apply only when the gasification process is running. DWR is interested in understanding how the gasification unit plans to continue to comply with these limitations in light of planned changes to facility activities/changes in materials being treated in the gasification unit. The current permit also includes narrative requirements, and those are still applicable as well.

We assume that the City of Covington will continue to be the NPDES permit holder in this circumstance, and as such, would like to see as good measure an agreement between SES and the City of Covington that describes a process as to how the two parties will handle any disputes or instances of noncompliance that relate to the current terms and

conditions of the permit. The agreement should also note that SES should provide access to their facilities during TDEC inspections.

SES described tire chipping and medical waste staging operations as occurring in a nearby enclosed facility. If material is exposed to stormwater, Tennessee Multi Sector Permit (TMSP) coverage may be needed. Specific details regarding the TMSP can be found on our website at <https://www.tn.gov/content/tn/environment/permit-permits/water-permits1/npdes-permits1/npdes-stormwater-permitting-program/npdes-industrial-stormwater-general-permit.html>. If all material is stored under roof, a certification of no exposure may be submitted. This form can be found at the above website. It is our understanding that there will be a processing site as well as the gasification site. Stormwater concerns should be addressed at each site separately.

Your contacts for all water-related permitting issues will be Vojin Janjic (Vojin.Janjic@tn.gov) and Ariel Wessel-Fuss (Ariel.Wessel-Fuss@tn.gov).

Air Items

The gasification unit has a current [air pollution control permit 072620](#), issued to the City of Covington, which restricts feedstock materials to chipped woody biomass and municipal sludge. SES has entered into an agreement with the City of Covington to assume operation of the Covington gasification/thermal oxidizer facility, with the desire to introduce new waste streams not currently authorized by the current permit 072620, specifically, medical waste, expired pharmaceuticals, and waste tires.

SES will need to apply for and obtain a new air pollution control permit to begin processing medical waste, expired pharmaceuticals, and waste tires at the Covington gasification/thermal oxidizer facility. The prepared application for a construction/modification permit should conform with the Air Pollution Control Division's Guidance on Construction Permit Application Requirements (attached). Of particular interest and concern to the Division of Air Pollution Control with respect to SES's proposal and the attached guidance document, is Federal Regulatory Review. Processing medical/infectious waste would likely cause the system to become subject to 40 CFR 60, Subpart Ec, - New Source Performance Standards for Hospital/Medical/Infectious Waste Incinerators (HMIWI). Should the applicant conclude that 40 CFR 60, Subpart Ec is not applicable, it is strongly recommended that the applicant seek and obtain a formal applicability determination directly from EPA regarding 40 CFR 60, Subpart Ec to support its conclusion. The applicant should include the EPA applicability determination letter as part of the application to promote an expedient review by the Division.

Your contacts for all air-related permitting issues will be John Fuss (John.Fuss@tn.gov) and Julie Verissimo (Julie.Verissimo@tn.gov).

Solid and Hazardous Waste Items

The proposal to gasify tires, non-RCRA medical and pharmaceutical waste, will require a "Permit-by-Rule" for being a Solid Waste Processor. This permit would apply to the location where the processing and aggregation of material occurs, which we understand to be offsite of the gasifier. Since activities involving pharmaceutical waste are proposed, the decision requires a detailed waste acceptance narrative to ensure RCRA regulated wastes will not be handled. If RCRA regulated wastes will be handled, SES would be acting as a Treatment Storage and Disposal Facility (see <https://www.tn.gov/environment/program-areas/solid-waste/hazardous-waste-management/treatment-storage-and-disposal-facilities.html>); and our Hazardous Waste group would take over regulatory responsibility.

Per state statute "Solid waste processing" means any process that modifies the characteristics or properties of solid waste, including, but not limited to, treatment, incineration, composting, separation, grinding, shredding, and volume reduction.

Information on Permit-by-Rules can be found at the following link: <https://tn.gov/environment/article/permit-waste-solid-waste-management-permit-by-rule>. The key components of this process are:

- A topographic map of the area
- Scaled drawing of the operation (including traffic flow, and material flow)
- A work sheet regarding storage capacity (attached)
- A completed application (attached)
- \$1,000 Application Fee (attached)
- A narrative explaining how the facility will comply with applicable criteria (attached)
- Permit-by-Rule activity facilities with more than 1,000 cubic yards of storage capacity must submit financial assurance documents

There is an annual fee of \$3,000 in addition which is due Oct 1st of each year and is invoiced in late July. Permit review is usually between a month to 3 months depending upon complexity and quality of submittal.

Please note that ash residuals from the gasifier destined for disposal facilities located within Tennessee will require a Special Waste evaluation and approval which is reapplied for every three years. This details of this approval process can be found at <https://www.tn.gov/environment/permit-permits/waste-permits1/special-waste-approval.html>.

Your contact for all solid and hazardous waste-related items will be Nick Lytle (Nickolaus.Lytle@tn.gov).

We look forward to working with you and please don't hesitate to contact us with any questions or concerns.

Hope you had a great weekend!



Kendra Abkowitz, PhD | Assistant Commissioner

Office of Policy and Sustainable Practices

Tennessee Tower, Second Floor

312 Rosa L. Parks Ave., Nashville, TN 37243

p. 615-532-8689 c. 615-866-7412

kendra.abkowitz@tn.gov

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Department of Code Compliance Report

May 7, 2019 Meeting

Proposing:

Once the two (2) Code Enforcement Officer positions are filled, we plan to cross train and work close together to enforce Property Maintenance Regulations. We plan to develop and implement educational materials to encourage the citizens to participate in the beautification of our City.

Report:

Animal Control – Inquires, Cats to County, Dogs to Foster, Dogs picked up by Owners – 53

Dogs to Dr Clay – 2

Beer Licenses- Inquires – 6

Business Licenses – Inquires, New Applications, Amended Applications – 75

Codes Violations – Inquiries, Letters and Notices - 46

Cemetery – Inquires, Grave Sales, On-Site Visits – 61

Court Clerk – Telephone Inquiries – 58

Proclamations – 3 (1 for Comcast Cares Day, 1 for Healthier Tennessee Week, 1 for Boys and Girls Club Week)

Resolutions – 1 for William Edwards retirement

Public Works – Inquires – 48

Sign – Inquires, Pickups, Applications – 78

PROJECT CODE RECAP FOR PERMITS ISSUED: 2/01/2019 TO 4/30/2019

Description	# of Permits	Fees	Value
Accessory Building	1	30.00	1,000
Additions - Commercial	1	156.00	30,000
Renovations - Commercial	2	181.50	29,574
Demolition	2	800.00	800
Fences	5	175.00	41,000
Mechanical	9	2,960.00	2,960
New Educational Facility	2	9,908.98	2,761,615
New Single Family	3	2,242.00	687,021
Plumbing	10	2,985.00	2,483
Additions - Residential	2	218.00	28,000
Sign Installation	18	429.00	17,800
TOTALS	55	20085.48	3,602,253