



# Covington Public Works/Utilities

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**DIRECTOR OF PUBLIC WORKS**

**City of Covington**

**Public Works Meeting**

**City Hall**

**Downstairs Board Room 4:00 P.M.**

**February 6, 2024**

- 1. Inspection Tennessee Public Utility Commission. (See Attached)**
- 2. Well 5 will have to be pulled and camera to see extent of repair. (See Attached)**
- 3. FEMA update on March Tornado. (See Attached)**
- 4. East Ripley and Various street paving projects complete..**
- 5. Reduce the speed limit on Hope Street at railroad.**
- 6. 2022 Disaster Water Grant. (See Attached)**
- 7. Employee staffing update.**

**Other Business:**

- 1. Code Division monthly report: (See attached)**

**Adjourn:**



**Tennessee Public Utility Commission  
Gas Pipeline Safety Division  
2023 Inspection (Onsite Days only) Affidavit**

I acknowledge that an inspection of City of Covington Gas  
(Operator)

on the following date(s): December 12<sup>th</sup> & 13<sup>th</sup>, 2023,

was performed and that the completed inspection form was available for review during the exit interview and the information provided for purposes of this inspection is true, accurate, and complete to the best of my knowledge and belief.

Contact Personnel: Calvin Johnson Title: Utilities Manager

Office #: 901.476.0583 Cell# 901.232.6688 Email: cjohnson@covingtontn.com

Mailing Address, City State Zip: P.O. Box 768, Covington, TN 38109

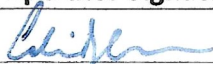
Company Street Address: 300 S. College St., Covington, TN 38109

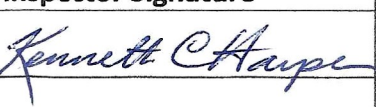
Responsible Company Official: Jan Hensley Title: Mayor

Mailing Address: 200 W. Washington Ave., Covington, TN 38109

- A GPSD exit interview summary will be attached to this affidavit listing all potential violations and recommendations as observed during the inspection. All guidance, action plans, and technical assistance pertaining to this inspection will be documented on the exit interview summary along with the acknowledgement signatures of the operator and inspector.

Executed and sworn on this 13th day of December, 2023

Operator Signature	Operator Printed
	<u>Calvin Johnson</u>

Inspector Signature	Date(s) of Attendance	Inspector Printed
	<u>12-12-13-2023</u>	<u>Kenneth C Harper</u>



**Tennessee Public Utility Commission - Gas Pipeline Safety Division**  
**Safety Inspection Exit Interview/Evaluation 2023**

<b>Operator: City of Covington gas</b>	<b>Inspection Number: 23-017VLP&amp;CKH</b>
<b>Federal ID Number: 02853</b>	<b>Inspection Type: Valves, Leaks, Patrolling &amp; Corrosion and OQ P9</b>
<b>Location: Covington, TN</b>	<b>Inspection Date(s): 12/11-13/2023</b>
<b>Contacted: Calvin Johnson</b>	<b>TPUC Inspector(s): Kenneth Harper</b>
<b>Pre-Inspection Date (If Applicable):12/11/2023</b>	<b>Remote Date(s): N/A</b>
<b>Onsite Date(s): 12/12-13/2023</b>	<b>Report Submittal Date:</b>
<b>Section 114 Inspection Date: N/A</b>	<b>Travel Date(s) (If not part of Onsite Dates):</b>

**Minimum Federal Safety Standards Alleged Violation(s)**

Inspection #	Inspection Type	Date(s)	# Cited This Inspection	# Closed This Inspection	# Previously Cited - Still Open	Total # Open
19-008	RRO	2/20-22/2019	0	0	0	0
20-010	Valves, Leak Survey & Patrolling	5/12-14/2020	0	0	0	0
22-010DA	PAP	1/10/2022	0	0	0	0
23-013IMPTW	DIMP	2/16/2023	0	0	0	0
23-017 VLP&CKH	Valves, Leaks, Patrolling & Corrosion and OQ P9	12/12-13/2023	0	0	0	0

**Cited/Open/Closed Violations**

**No violations were cited for Inspection 23-017VLP&CKH.**

**No violations open from previous inspections.**

**No violations closed from previous inspections.**

**Inspection Summary**

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**Minimum Federal Safety Standards Alleged Non-Compliance(s)  
(Non-Compliances Cited or Closed through Follow-Up are Reported Below)**

Inspection #	Inspection Type	Date(s)	# Cited This Inspection	# Closed This Inspection	# Previously Cited - Still Open	Total # Open
19-008	RRO	2/20-22/2019	0	0	0	0
20-010	Valves, Leak Survey & Patrolling	5/12-14/2020	0	0	0	0
22-010DA	PAP	1/10/2022	0	0	0	0
23-013IMPTW	DIMP	2/16/2023	0	0	0	0
23-017 VLP&CKH	Valves, Leaks, Patrolling & Corrosion and OQ P9	12/12-13/2023	1	0	0	0

Above listed inspection(s) were performed at City of Covington Gas on December 12<sup>th</sup> & 13<sup>th</sup>, 2023. The attached report is used to document the review of policies, procedures, records, and other documentation maintained to demonstrate compliance with the minimum federal safety standards (MFSS) and State of Tennessee Gas Pipeline Safety Division (GPSD) regulations.

**Non-Compliances**

**1. Non-compliances (Present Inspection):**

No non-compliances were observed during this inspection.

**23-017VLP&CKH NC-1 Non-Compliance Cited from Report # 23-017VLP&CKH**  
Code Requirement: 49 CFR §192.721(b)(1) Distribution Systems: Patrolling

**(b) Mains in places or on structures where anticipated physical movement or external loading could cause failure or leakage must be patrolled—**  
**(1) In business districts, at intervals not exceeding 4 1/2 months, but at least four times each calendar year**

**Description: Operator was unable to provide a record of quarterly patrols of its business district and crossings in Class 3 areas.**

**Action Needed: Operator must submit a record of its business unit and crossing patrols by 12-31-23 and submit its quarterly patrols for 2024 to TPUC no later than a week following the completion of each one.**

**Due Date: 12-31-23 and quarterly in 2024**

**Advisory Notes:**

**Failure to address any cited non-compliances within the timeframe mandated may result in cited violation(s) to include an assessment of a civil penalty of up to \$100,000 per day up to a maximum of \$1,000,000 per each violation.**

**2. Non-compliances (Previous Inspections):**



**National Water Services**  
 10545 Hwy 64, Suite 1  
 Arlington, TN 38002  
 Phone: (901) 409-4052

# QUOTATION

**Date:** January 2, 2024  
**Purchaser:** City of Covington  
 200 West Washington Avenue  
 Covington, TN 38019  
**Attn:** Joe Bloechl  
**Phone Number:** (901) 475-4965  
**Mobile Number:** (901) 483-1678  
**Email:** [jbloechl@covingtontn.com](mailto:jbloechl@covingtontn.com)

We are pleased to submit the following quotation:

**Job Description:** Well #5 Stainless Steel Option: Pump Repair, Installation, & Performance Testing

**MATERIALS**

QNTY	UNITS	DESCRIPTION	PRICE	TOTAL
1	EA	SIMFLO / SP11H - 3 Stage SST Pump Bowl (1,588 GPM @151' TDH)	\$36,338.00	\$36,338.00
11	EA	10" x 9' 11-1/4" Sch 40 304 Stainless Steel T&C Column	\$4,759.00	\$52,349.00
1	EA	10" x 4' 11-1/4" Sch 40 304 Stainless Steel T&C Column	\$3,227.00	\$3,227.00
1	EA	10" x 5' Sch 40 304 Stainless Steel TBE column	\$1,301.00	\$1,301.00
1	EA	8" x 20' 304 Stainless Steel Suction Pipe	\$3,990.00	\$3,990.00
140	FT	1/4" Stainless Steel Coated Airline	\$3.20	\$448.00
12	EA	2" x 1-1/2" Rubber Insert	\$18.50	\$222.00
1	EA	1-1/2" Bronze Stuffing Box Bushing	\$120.00	\$120.00
1	LS	Miscellaneous (Bands Buckles, Gauges, ect.)	\$500.00	\$500.00
1	LS	100 HP motor evaluation	\$250.00	\$250.00
<b>TOTAL MATERIALS</b>				<b>\$98,745.00</b>

**LABOR**

QNTY	UNITS	DESCRIPTION	PRICE	TOTAL
1	LS	Machinist / Shop Labor	\$2,982.00	\$2,982.00
		• Straighten shafting and clean retainers		
		• Paint and clean discharge head		
		• Rebuild stuffing box		
		• Reassemble setting		
1	LS	Three (3) Man Crew and Pump Crane		\$10,100.00
		• Mobilization		
		• Setup Rigging and Equipment		
		• Install 120' of 10" x 1-1/4" Water Lube Pump Assembly		
		• Perform performance flow test		
		• Breakdown and demobilize		
<b>TOTAL LABOR</b>				<b>\$13,082.00</b>
<b>TOTAL PROJECT</b>				<b>\$111,827.00</b>

The undersigned Purchaser hereby instructs National Water Services (Contractor), to proceed with work described with the understanding that the Terms & Conditions shown following are hereby incorporated as part of the Quotation and with specific understanding that Contractor will not be liable for any damage in any way whatsoever for failure to complete the described work, nor any injury or damage resulting from the Contractor's efforts to perform such work, or for the delay on the Contractor's part in completing same. All work described herein will be provided as quoted above. All quotes indicated, if any, are estimates based on the best information available prior to beginning work. As the work scope changes, additional quotations will be issued. Purchaser's pumps, motors, parts and/or accessories may be stored by the contractor for (30) days from the date on invoice. After said (30) days, disposal of such equipment may be made by the contractor without incurring liability.

**PURCHASER**

City of Covington

By: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 PO # \_\_\_\_\_

**CONTRACTOR**

**National Water Services**

By: Ryan McMurry  
 Title: Project Manager  
 Date: 01/02/24

<b>PA-04-TN-4701-PW-00044(0) _P</b>	
Applicant Name:	Application Title:
COVINGTON	728708 - Covington - Debris Removal Citywide
Period of Performance Start:	Period of Performance End:
04-07-2023	10-07-2023

**Cost Share History**

728708 - Covington - Debris Removal Citywide : PA-04-TN-4701-RPA-0009 p					
Program:	PUBLIC ASSISTANCE	Contact Name:	David Gray	Project Total:	\$ 605,723.58
Disaster Number:	4701	Contact Phone:	901-476-9531	Federal Share Requested:	\$ 454,292.69
Applicant ID:	167-17680-00	Applicant Name:	COVINGTON		
Applicant Type:	City or Township Government	Standard Project Number/Name:	120 - Debris Alternative Procedures		
Subdivision Name:		Damage Category:	A		

Amendment #	Version Total Project Cost(\$)	Federal Share	Cost Share(%)	Cost Share Amendment	Awarded on	Bundle #	Fund Code	Comments
0	\$605,723.58	\$454,292.69	75.00%	N	12-23-2023	PA-04-TN-4701-PW-00044	6D	

Fund Code	Eligible Fedshare Amount	Available Drawdown Amount
6D	\$454,292.69	\$454,292.69

All drawdown information in this table is calculated at the Project level.

**CITY OF COVINGTON**

A2H Contract No. 23489

**2022 DISASTER WATER GRANT - PER**

Tipton County, Tennessee



ENGINEERS · ARCHITECTS · PLANNERS

3009 DAVIES PLANTATION ROAD LAKELAND, TN 38002 PHONE: 901.372.0404 FAX: 901.373.4002  
WWW.A2H.COM



# 2022 Disaster Water Grant PER

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PROJECT

**2022 DISASTER WATER GRANT - RDA**

City of Covington

Tipton County, Tennessee

A2H # 23489

PREPARED FOR

**City of Covington**

200 West Washington Street

Covington, TN 38019

PREPARED BY

**A2H, Inc.**

3009 Davies Plantation Road

Lakeland, TN 38002





# 2022 Disaster Water Grant PER

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## 1 PROJECT PLANNING AREA - OVERVIEW

The City of Covington is located in northern Tipton County, Tennessee. The City is responsible for their own drinking water development, treatment, and distribution and also is responsible for their wastewater collection, treatment, and disposal. The City serves both within its municipal limits and adjoining areas.

The population of Covington is approximately 8,597 based on the July 1, 2022, estimate from Census.gov. The 2022 median household income for 2018 – 2022 is \$44,384 with a 23.4% poverty rate (Census.gov). The City of Covington provides water to 5,080 connections and collects wastewater from 2,774 connections. A vicinity map showing Covington and the surrounding area is included as Figure 1.

The City of Covington population has been decreasing since 2010 at a rate of approximately 0.8%. Normally, population projections for the future are based upon past trends. However, that is not the case in current circumstances. The impact that the development of Blue Oval City, which is located in neighboring Haywood and Fayette Counties, has made populations more difficult. Due to the many unknowns in the development and growth of Blue Oval, population projections for this region vary widely. In other studies, the Tipton County Planner, William Veazey, has stated that a 2.9% annual growth rate is reasonable.

## 2 EXISTING FACILITIES

The City of Covington operates multiple raw water pumping wells that feed a single water treatment plant. The water treatment plant utilizes high service pumps to pressurize the distribution system, including multiple elevated storage tanks. The average daily water quantity supplied by the City in 2022 was approximately 2.27 million gallons per day (MGD). Existing water well 5 has a design capacity of 1,500 gallons per minute (gpm). This well has been rehabilitated but continues to degrade in yield. This well capacity of 1,500 gpm is needed to meet the TDEC requirements of having redundant water supply capacity if the single largest water well is not operational.

The City of Covington also operates a municipal wastewater collection, treatment, and disposal system. The City wastewater collection system consists of multiple segments of gravity collection and pump stations for transport to the wastewater treatment plant. The City of Covington experiences times where the wastewater pumps are not operational and bypass pumping is needed.



## 2022 Disaster Water Grant PER

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### 3 SCOPE OF WORK

#### 3.1 REPLACEMENT WATER WELL

The City of Covington has multiple water supply wells. Well 5 has experienced diminished capacity over recent years since it has been rehabilitated. For the City of Covington to provide redundant capabilities in compliance with TDEC, the City of Covington plans to install a new well to replace Well 5.

#### 3.2 PORTABLE WASTEWATER BYPASS PUMP

During both times of power outage and during times where wastewater pumps are not operable, the City of Covington plans to purchase a portable bypass pump to prevent overflows and to maintain system operability. This portable pump would have both a six inch suction and discharge, capable of approximately 1,200 to 1,700 gpm.

### 4 OPINION OF PROBABLE COST

The opinion of probable cost for the purchase of the wastewater bypass pump and the new water supply well follows this report.

### 5 MISCELLANEOUS ISSUES

#### Environmental Review

This project will be required to have an environmental review subject to 7 CFR part 1970.

#### BABAA

This project is subject to the By America, Build America Act.



## 2022 Disaster Water Grant PER

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### Certification

I hereby certify that if the requested grant is awarded; design policies of 7 CFR 1780.58 will be met in the design and specifications; procurement will comply with 7 CFR 1780.70; and contract documents will include applicable requirements of 7 CFR 1780.75 and will be in compliance with applicable bidding laws and federal regulations.



12-20-2023

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David M. Smith, Ph.D., PE  
Registered Professional Engineer TN Number 104974

Date

### Two Projects

A contractor will be procured through the competitive bidding process for the installation of the raw water well. The second project is the procurement of the wastewater pump. The pump will be purchased through the competitive bidding process.

### Permits

#### Raw Water Well

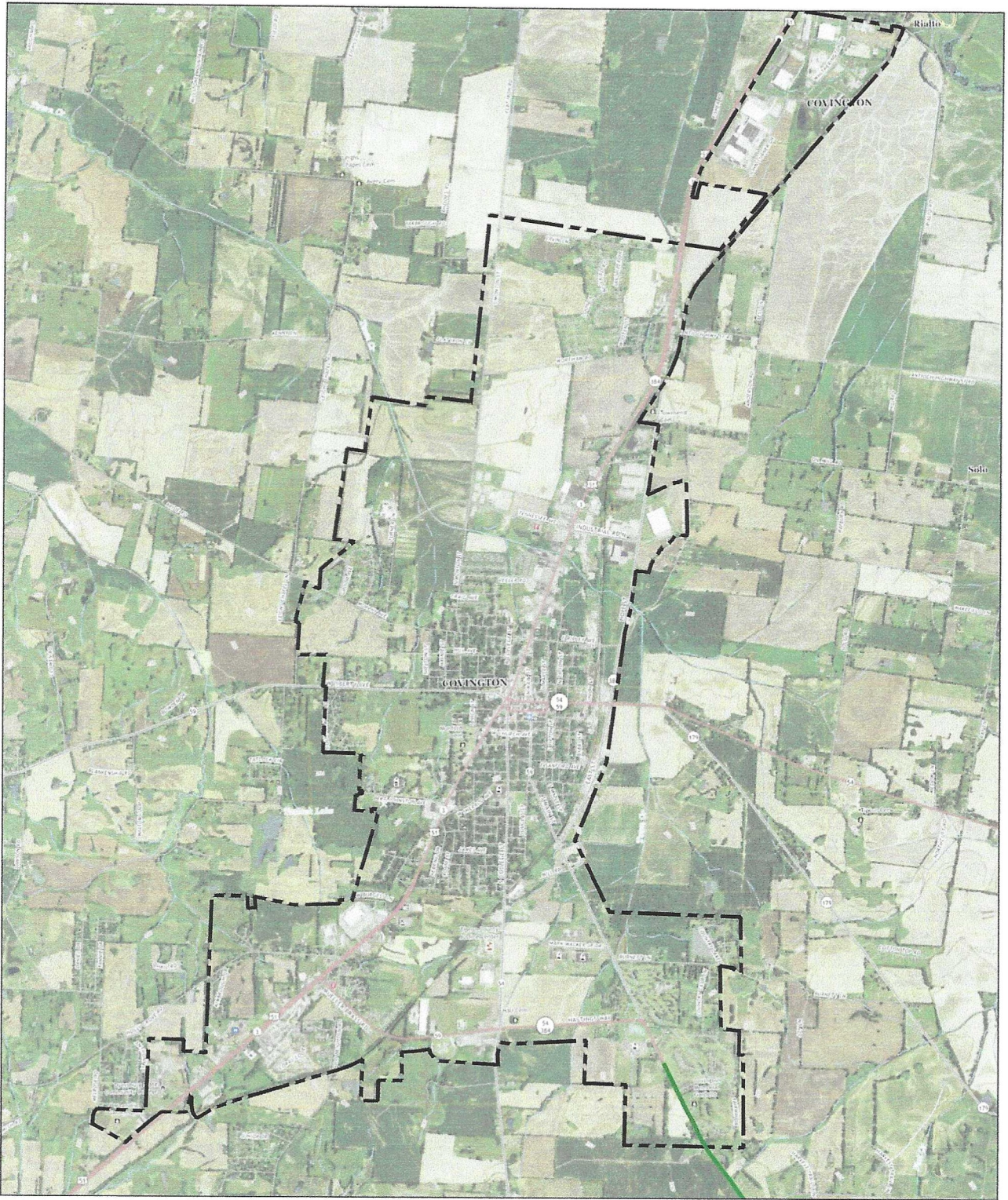
The water well project will require TDEC approval.

#### Wastewater Pump

No permit is required for purchase.

### Environmental Review

An environmental review will be required for the water well project.



**A2H** ENGINEERS  
ARCHITECTS  
PLANNERS

A2H, INC.  
3009 DAVIES PLANTATION ROAD  
LAKELAND, TN 38002  
P. 901.372.0404  
WWW.A2H.COM

**PRELIMINARY ENGINEERING REPORT**

**CITY OF COVINGTON, TENNESSEE**

SCALE  
NTS

PROJECT NO.  
23489

DATE  
DECEMBER 2023

**VICINITY MAP**

**C1.0**



2022 Disaster Water Grant - RDA  
City of Covington  
Opinion of Probable Construction Cost

**Infrastructure Improvements**

Item Number	Description	Quantity	Units	Unit Price	Item Price
<b>Construction</b>					
1	Portable Wastewater Bypass Pump	1	EA	\$105,000.00	\$105,000.00
2	Water Supply Well with Associated Piping	1	EA	#####	\$1,050,000.00
<b>Construction Sub-total</b>					<b>\$1,155,000.00</b>
<b>Construction Contingency</b>		10.00%			\$115,500.00
<b>Engineering Design</b>		6.00%			\$76,230.00
<b>Engineering Other Than Design</b>					
<b>Engineering During Construction</b>		1.00%			\$12,705.00
<b>Periodic Construction Observation</b>		2.70%			\$34,303.50
<b>TDEC Construction Plans Review</b>					\$1,000.00
<b>Environmental Review</b>					\$7,000.00
<b>Opinion of Total Project Cost</b>					<b>\$1,401,738.50</b>

## **NOTICE OF INTENT TO FILE AN APPLICATION**

**APPLICANT** intends to file an application for financial assistance for a **NAME OF PROJECT** with the U.S. Department of Agriculture, Rural Development. The specific elements of the proposed project include public utility upgrades.

**A public information meeting for all interested parties will be held as follows:**

**DATE:** February 13, 2024

**TIME:** 5:00 p.m.

**PLACE:** Covington City Hall, 200 West Washington Ave., Covington

**The purpose of this meeting will be to give the public an opportunity to become acquainted with the proposed project and to comment on economic and environmental impacts, service areas, alternatives and other issues. Representatives of APPLICANT will be available to explain the proposal and to answer questions.**

CODE COMPLIANCE DEPARTMENT  
REPORT: February 6, 2024



TOUCHPOINTS:

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**Personnel Report:** Full Staff

**Training:** On going in numerous subjects

**On Going Projects:**

- Blight Grant
- Property Maintenance Concerns
- Disaster Relief/Recovery Assistance/Long-term Recovery group