

RED LION MUNICIPAL AUTHORITY

RESOLUTION NO. 2025-8

**A RESOLUTION ADOPTING AN EMERGENCY
RESPONSE PLAN FOR RED LION MUNICIPAL
AUTHORITY, YORK COUNTY, PENNSYLVANIA
PURSUANT TO THE PENNSYLVANIA SAFE
DRINKING WATER ACT**

WHEREAS, Red Lion Municipal Authority (the “Authority”) is a general municipality authority organized and existing under the Municipality Authorities Act, as amended, 53 Pa.C.S. §§ 5601-5622; and

WHEREAS, the Authority is a supplier of water for a community water system as those terms are defined in the Pennsylvania Safe Drinking Water Act (the “SDWA”), 35 P.S. § 721.3; and,

WHEREAS, the SDWA and regulations promulgated thereto require the Authority to develop and implement an Emergency Response Plan meeting the requirements of 25 Pa. Code § 109.707; and,

WHEREAS, the Authority has adopted an Emergency Response Plan and now desires to revise and update the Emergency Response Plan.

NOW, THEREFORE, BE IT RESOLVED and it is hereby resolved as follows:

SECTION 1. The Members of the Authority hereby approve and adopt the Emergency Response Plan for the Red Lion Municipal Authority dated _____ a copy of which is attached hereto as Exhibit “A” and incorporated herein by reference, and from the

effective date hereof it shall be the Emergency Response Plan for the public water system of the Authority.

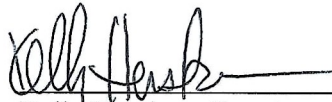
SECTION 2. The Emergency Response Plan adopted herein supersedes and replaces all prior Emergency Response Plans of the Authority.

SECTION 3. This Resolution shall be effective immediately.

RESOLVED this 17th day of December 2025.

ATTEST:

RED LION MUNICIPAL AUTHORITY

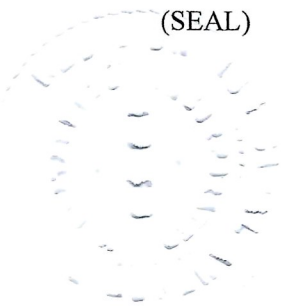


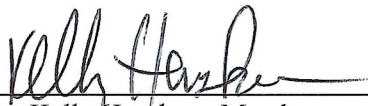
Kelly Henshaw, Secretary



By: _____
Dennis Klinedinst, Chairman

(SEAL)

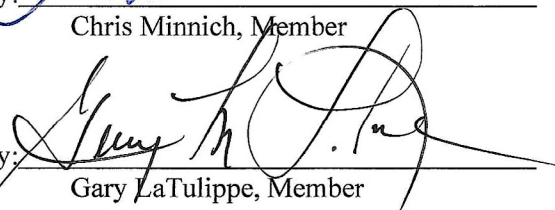


By: 


Kelly Henshaw, Member

By: 

Chris Minnich, Member

By: 

Gary LaTulippe, Member

By: 

Nevin Horne, Member

**Red Lion Municipal Authority
Emergency Response Plan**

CWS AND ERP INFORMATION

Please fill in the information below as indicated. Text in italics in all the tables in this template represents examples – be sure to delete italicized text as necessary as you fill out the tables in this template.

<i>PWSID</i>	7670086
<i>Street Address</i>	11 E Broadway
<i>City, State, Zip Code</i>	Red Lion PA
<i>Phone number</i>	717-224-3475
<i>Population Served</i>	24,000
<i>Prepared by</i>	John M. Krantz
<i>Reviewed by</i>	JMK
<i>Date completed</i>	12/16/2025

UTILITY INFORMATION

During an incident, you need to have system information about your water utility readily available for your personnel, first responders, repair contractors/vendors, the media, and other response partner agencies.

i Utility Overview

Provide basic information about your utility.

Utility Information

PWSID	7670086
Utility name and address	Red Lion Municipal Authority
Owner	Red Lion Municipal Authority
Directions to utility from major roadway, include lat./long. coordinates	SR 24 S to Center Square in Red Lion, or SR 74 S to Center Square Red Lion. +FJ Red Lion, Pennsylvania 39.90117341169097, -76.6059049130692
Total population served and total service connections	24,000 served – 10,121 connections
Name, title, phone number of primary contact (e.g., ERP Lead)	John M. Krantz, Superintendent 717-327-6750
Alternate contact	Chad Arnold, Water Treatment Plant Supervisor 717-378-6750
Location of treatment, distribution, collection schematics and operation manuals	Please see attached maps and drawings; operation manuals are stored in water treatment Plant Office.

Use this checklist to ensure the following additional utility information (as applicable) is included as a part of your ERP.

- Map of distribution systems
- Pressure boundary map
- Process flow diagram
- Site plans and "as built" drawings for the following components of your system (as applicable):
 - Pumping and storage facilities
 - Reservoir facilities
 - Water treatment facilities
 - Chemical storage locations
 - Booster pump stations
 - Pressure-regulating valve (PRV) sites
- Distribution system diagrams and instrumentation information
- Equipment specifications and operation instructions
- Emergency power and light generation operation specifications
- Supervisory Control and Data Acquisition (SCADA) system operation instructions
- Communications systems operation instructions

ii Personnel Information

Attach your personnel roster here or fill out the table below.

Wells

Well Name	Depth/Location	Available Yield	
N/A			

Intakes

Intake Name	Depth/Location	Capacity	Treatment Requirements/Associated Treatment Plant
Cabin Creek Intake	16' Reservoir	13.2 acres	

Treatment Plants

Treatment Plant Name	Location	Capacity	Treatment Train
Cabin Creek	425 Gebhart Road Windsor PA 17366	DEP Permitted for 3.5 MGD	

Storage and Distribution System – Tanks, Primary Mains and Pumping Stations

Type and Location	Area Served	Comments
HSPS basin at Cabin Creek Gebhart Road, Windsor	500,000	
Edgewood Tank Woodridge Road, Red Lion	2,000,000	
Fairmount Tank S Charles, Red Lion	2,000,000	

Treatment Chemical Storage Facilities

Storage Facility	Chemical(s)	Comments
Water Treatment Plant	Caustic Soda	This is in liquid form; Room has an eye wash and shower station in the room. Double walled tank. Secondary Contain
		This is in liquid form; Room has an eye wash and shower

Industry Chemical Handling Facilities

Facility Name	Location	Distance	Chemical and Exposure Pathway
None			

Industry Chemical Storage Tanks

Facility Name	Location	Distance	Chemical and Exposure Pathway

v Safety

List safety materials and important safety information to help protect utility personnel during an incident. You may also reference your utility Health and Safety Plan, if available.

Safety Materials

Material Type	Location
Emergency PPE (note what PPE are present at each location).	WTP: SCBA, respirators with different cartridges, goggles, face shields, hearing protection, rubber gloves of various sizes, disposable coveralls. Maintenance Building: SCBA, respirators, dust masks, goggles, safety glasses, hearing protection, rubber gloves, and disposable coveralls.
Emergency food and water supplies	Purchased and kept at the Water Treatment Plant before a storm or known emergency events so it is not spoiled for the next event.
Emergency PPE (note what PPE are present at each location)	Maintenance Department: MSA, Altair, Decibel Pen, Confined Space Tripod and harness, ditch shoring, CO2 Detector, AED

Safety Information

Topic	Description
Safety Manual	Safety Meetings held regularly
PAWARN	Member of PAWARN
EMA	Director John Brownlee (717) 858-2583

1 RESILIENCE STRATEGIES

This section contains strategies and resources to improve the resilience of the system, including the physical security and cybersecurity of the system.

1.1 Emergency Response Roles and Responsibilities

Describe the roles and responsibilities for key utility and external response partner personnel in the tables below. You can add, edit, or delete rows as necessary.

Water Utility and Partner Roles

Name/Title	Emergency Response Role	Responsibilities
John M. Krantz/ Superintendent	Emergency Response Lead	Responsible for all incident response activities, including developing strategies and tactics and ordering and releasing resources.
Chad Arnold, Water Treatment Plant Supervisor	Alternate Emergency Response Lead	Perform duties as assigned by ER Lead; assumes duties listed above when ER Lead is not available.
John M. Krantz/ Superintendent	Public Information	Responsible for leading the public information effort based on information supplied by either the ER or Alternate ER Lead.
John M. Krantz/ Superintendent	Security	Will provide incident security as needed once notified by ER Lead.
Dennis Klinedinst	Authority Chairman	

External Response Partner Roles

Name/Title	Organization	Contact Information
Local Partners		
William James	York County Emergency Management	(717) 840-2990
	911	911
State Police	Police	(717) 428-1011
York Area Regional	Police	911 or (717)-741-1259
William Jones	Fire/Haz Mat	(717) 840-2990
John Brownlee	EMA	(717) 858-2583
Springettsbury Sewer	Neighboring Wastewater utility	(717) 757-3521
Dallastown-Yoe Authority	Neighboring Water utility	(717) 244-6626
Met-Ed	Power utility	(888) 478-8465
Labs, Inc.	Laboratory	(717)259-6650

1.3 Communication Contact Lists

Communication during an incident is critical to relay information to employees, response partners and critical customers about potential risks to health, infrastructure, and the environment.

List all utility emergency response team members, their response role, title and contact information below.

Internal Contact List

Name	Role/Title	Phone	Alternate Phone	Email
John M. Krantz	Superintendent	717-244-3475	717-327-6750	jkrantz@redlionma.org
Chad Arnold	Water Treatment Plant Supervisor	717-244-9387	717-870-0396	carnold@redlionma.org
Dennis Klinedinst	RLMA Chairman	717-244-3475	717-968-7907	dklinedinst@redlionma.org
Gary Latulippe	RLMA Vice-Chairman	717-244-3475	717-654-7074	glatulippe@redlionma.org
Kelly Henshaw	RLMA Secretary	717-244-3475		khenshaw@redlionma.org
Nevin Horne	RLMA Treasurer	717-244-3475		hornesbodyshop@aol.com
Chris Minnich	RLMA Sec./Treasurer	717-244-3475		cminnich@redlionma.org

List all external response partners, their response role or position as well as contact information below.

External Response Partner Contact List

Organization or Department	Point Person Name or Position	Phone	Alternate Phone	Email or Website
Local Partners				
County Emergency Management/EOC	William James	717-840-2990		
911		911		
Police	York Area Regional	911 or 717-741-1259		

Organization or Department	Point Person Name or Position	Phone	Alternate Phone	Email or Website

List critical customers below who should be given priority notification due to their reliance on the water supply either for medical reasons, based on usage, public health mission or because they may serve customers considered to be sensitive sub-populations.

Critical Customer Contact List

Organization or Department	Point Person Name or Position	Contact Instructions	Phone	Alternate Phone	Email or Website
<i>Almost Home Daycare</i>	<i>Don Dawkins, Superintendent, Village Water</i>		<i>717-471-3600</i>	<i>717-577-1984</i>	<i>tbastinelli@comcast.net</i>
<i>Senior living center</i>	<i>Heather Glebeler</i>		<i>717-244-7229</i>		
<i>Apple of Our Eve</i>	<i>James Sewell</i>		<i>717-244-2626</i>		<i>Sewell4@yahoo.com</i>
<i>End of the Rainbow Daycare</i>	<i>Kallie Shultz</i>		<i>717-246-1929</i>	<i>717-332-7466</i>	<i>kallies@aol.com</i>
<i>Dallastown-Yoe Water Authority</i>	<i>Joe Joines</i>		<i>717-244-6626</i>		<i>dgarabedian@dallastownboro.com</i>
<i>Windsor Borough</i>	<i>Steve Carr</i>		<i>717-244-6615</i>		<i>rpmwindsor@comcast.net</i>
<i>General Dynamics</i>	<i>Troy Franks</i>		<i>717-244-4551</i>	<i>717-246-8252</i>	
<i>Red Lion School</i>	<i>Craig Slack</i>		<i>717-324-1222</i>	<i>717-244-4518</i>	<i>alackc@rlasd.net</i>
<i>Wellspan</i>			<i>717-851-1700</i>		<i>Wellspan.org</i>
<i>Wellspan Cape Horn Rd.</i>			<i>717-851-1300</i>		<i>Wellspan.org</i>
<i>Pumpkin Patch Daycare</i>			<i>717-244-6617</i>		
<i>St. Paul Daycare</i>	<i>Lynn Snell</i>		<i>717-246-1042</i>		
<i>Red Lion Bible Church</i>			<i>717-244-3905</i>		

Inventory your utility's communication equipment below.

Communication Equipment Inventory

Type	Call Sign	Location	Number/Frequency/Channel
<i>Radio System</i>	<i>WQXX671</i>	<i>Office, Maintenance Building, vehicles</i>	<i>12 units 154.085/ 154.74</i>

2 EMERGENCY PLANS AND PROCEDURES

This section contains plans and procedures that can be implemented in the event of a malevolent act or natural hazard that threatens your utility’s ability to deliver safe drinking water.

2.1 Core Response Procedures

Core procedures are the “building blocks” for incident specific response procedures, as they are typically implemented across a broad variety of incidents (e.g., hurricane, earthquake, flood). List all your core procedures here.

List your access resources and procedures below.

Access

Item	Description
Debris clearing	List of PPE and related equipment listed previously. In addition are 2 backhoes, Vector Truck, Sewer cameras, scaffolding, skid steer with implements
Identification Badges	All Red Lion Municipal personnel have pictured identification badges.
r	

List your physical security measures below.

Physical Security

Item	Description
Access control procedures	. All Red Lion Municipal personnel have keys to access buildings. Keys are signed out and must be signed back in when they are not needed. Key staff have access cards for water treatment plant.
Security Cameras	There are security cameras at the Office, Maintenance Department, and the water treatment plant. Key Staff have remote access to view cameras off-site.

List your cybersecurity procedures below.

Cybersecurity

Item	Description
Bottled water	Provider name: Phone: Contract No. (if applicable): Available supply: Distribution point (notify public of location):
Bulk water (check with your state first for licensed water haulers)	RLMA would contact Mike Snyder at PAWARN for water buffalo or possibly York water Company for assistance
Other	

*Interconnections are listed and described in Section 3.1

List your sampling procedures and laboratory capabilities below.

Sampling and Analysis

Item	Description
Sampling procedures	All sampling would conform to DEP regulations. RLMA would utilize their benchtop machines for samples or LABS.
Pre-identified sampling locations	While some sampling sites will be dictated by the emergency, you can pre-plan your ideal sampling locations such as tanks and reservoirs or entry and exit points from pressure zones.
Sampling containers and preservatives	RLMA has sample containers, pillow packs, reagents, etc. in inventory. Additional stock can be ordered through LABS or HACH.
Sample collection	All RLMA staff that are DEP certified operators would be qualified to take the samples. LABS staff can be hired to also take samples for RLMA.
Sample transportation	Samples not sampled at RLMA facility would be delivered to LABS for sampling.
Laboratory capabilities	Confirm what contaminants can be analyzed and your lab's surge sampling capacity. It may be helpful to have several backup laboratories in case your utility's lab or preferred contract lab are overwhelmed with high sample volume. Identify contract laboratories in the following table. RJ Reider is a back-up Lab that can be used.
Interpreting results	RLMA will work with the appropriate lab, utility and regulatory agency personnel to interpret sample results. List those names here: DEP, Labs Inc.

List your contract laboratories here. Include state and federal laboratories as appropriate.

Local Contract/State/Federal Laboratory Contact List

This section contains actions, procedures, and equipment which can obviate or significantly lessen the impact of a malevolent act or natural hazard on the public health and the safety and supply of drinking water provided to your community and individuals, including the development of alternative source water options, relocation of water intakes, cybersecurity measures, and construction of flood protection barriers.

3.1 Alternative Source Water Options and Interconnected Utilities

List information on alternative source water options to mitigate impacts during incidents.

Alternative Source Water Options

Type	Location	Comments
Reservoir	Cabin Creek (001)	source of water for RLMA distribution system
Impoundment Dam	Beaver Creek (002)	Can be pumped into Cabin Creek or directly to pretreatment building if Cabin creek cannot be utilized.
Susquehanna River Intake	Greenbranch (003)	Can be pumped into Beaver Creek or directly into pretreatment building if Cabin Creek cannot be utilized.

List information on interconnected utilities to mitigate impacts during incidents.

Interconnected Utilities

Utility Name	Location	Contact Information	Comments
Met-Ed	501 Parkway Blvd York, PA 17404	888-478-8465	Plans on file in engineering to construct emergency connection if needed.

3.2 Cybersecurity Mitigation Actions

Identify the priority cybersecurity mitigation actions that your utility intends to implement to better protect against a cyberattack. To accomplish this, you can use the Checklist of Priority Cybersecurity Practices for Water Systems included on the next page. Be sure to fill in your utility's intended mitigation actions in the "Notes" column of the checklist for any "no" answers. Just note that you may have already used this checklist if you conducted your risk and resilience assessment (RRA) using the following EPA guidance: Small System RRA Checklist; Vulnerability Self-Assessment Tool (VSAT); Guidance on Improving Cybersecurity at Drinking Water and Wastewater Systems; Water Cybersecurity Assessment Tool and Risk Mitigation Template.

	Question Does the CWS...	Answer Mark the appropriate check box ("Yes", "No", "In progress", "Not applicable") to answer each cybersecurity assessment question.
5.	Require multi-factor authentication (MFA) wherever possible, but at a minimum to remotely access CWS/OT/IT networks?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> In progress <input type="checkbox"/> Not applicable <i>If "No", EPA recommends that the CWS take the following action: Deploy MFA as widely as possible for both operational technology (OT) and information technology (IT) networks. At a minimum, MFA should be used for remote access to the OT network.</i>
Conduct Inventory of OT/IT Assets		
6.	Maintain an updated inventory of all OT and IT network assets?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> In progress <input type="checkbox"/> Not applicable <i>If "No", EPA recommends that the CWS take the following action: Regularly review (no less than monthly) and maintain a list of all Operational Technology (OT) and IT assets with an IP address. This includes third-party and legacy (i.e., older) equipment. Create an inventory of software and hardware assets to help understand what you need to protect. Focus initial efforts on internet-connected devices and devices where manual operations are not possible. Use monitoring to identify the devices communicating on your network.</i>
7.	Maintain current documentation detailing the set-up and settings (i.e., configuration) of critical OT and IT assets?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> In progress <input type="checkbox"/> Not applicable <i>If "No", EPA recommends that the CWS take the following action: Maintain accurate documentation of the original and current configuration of OT and IT assets, including software and firmware version</i>
Develop & Exercise Cybersecurity Incident Response & Recovery Plans		

	Question Does the CWS...	Answer Mark the appropriate check box ("Yes", "No", "In progress", "Not applicable") to answer each cybersecurity assessment question.
12.	Require unique and separate credentials for users to access OT and IT networks and separate user and privileged (e.g., System Administrator) accounts?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> In progress <input type="checkbox"/> Not applicable <i>If "No", EPA recommends that the CWS take the following action: Require a single user to have two different usernames and passwords; one account to access the IT network, and the other account to access the OT network to reduce the risk of an attacker being able to move between both networks using a single login and restrict System Administrator privileges to separate user accounts for administrative actions only and evaluate administrative privileges on a recurring basis to ensure accurate information for the individuals who have these privileges.</i>
13.	Prohibit the connection of unauthorized hardware (e.g., USB devices, removable media, laptops brought in by others) to OT and IT assets?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> In progress <input type="checkbox"/> Not applicable <i>If "No", EPA recommends that the CWS take the following action: When feasible, remove, disable, or otherwise secure physical ports (e.g., USB ports on a laptop) to prevent unauthorized assets from connecting.</i>
14.	Immediately disable access to an account or network when access is no longer required due to retirement, change of role, termination, or other factors?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> In progress <input type="checkbox"/> Not applicable <i>If "No", EPA recommends that the CWS take the following action: Terminate access immediately to accounts or networks upon a change in an individual's status making access unnecessary (i.e., retirement, change in position, etc.).</i>
Conduct Cybersecurity Awareness Training		
15.	Provide/conduct annual cybersecurity awareness training for all CWS personnel that covers basic cybersecurity concepts?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> In progress <input type="checkbox"/> Not applicable <i>If "No", EPA recommends that the CWS take the following action: Conduct cybersecurity awareness training annually, at a minimum, to help all employees understand the importance of cybersecurity and how to prevent and respond to cyberattacks.</i>

4 DETECTION STRATEGIES

This section contains strategies that can be used to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the system.

List the detection strategies and methods your utility uses to aid in the detection of malevolent acts or natural hazards. Also list the corresponding procedure to be used if the threat is detected.

Detection Strategies

Threat	Detection Method	Procedure
<i>Unauthorized entry</i>	Alarm from intrusion detection system	Call 911
<i>Source water contamination</i>	YCES, notifications from 911 for releases resulting from transportation accidents.	Source Water Protection Plan, socks or blankets for spill containment
<i>Distribution system contamination</i>	Customer complaint surveillance Public health surveillance	Notify DEP and follow their procedure of possible Public Notification
<i>Cyber intrusion</i>	Automated IT and operational technology (OT) system intrusion detection monitoring Notification from utility staff	Notify John Krantz and DOCEO. Contact PIRMA who carries our Cybersecurity insurance policy.
<i>Hazardous chemical release</i>	Chlorine gas in air monitors	Wear SCBA to cut off chlorine and see issue and call York County Emergency Services
<i>Hurricane</i>	Weather Service alerts	Hurricane Incident Action Checklist
<i>Flood</i>	Notification from Army Corp	Flood Incident Action Checklist
<i>Power outage</i>	Notification from energy provider Alarm from line power sensor	Generator Start-up Checklist