



15 School Lane, Suite 200, PO Box 656
Au Sable Forks, NY 12912
Phone: (518) 647-8198 Fax: (518) 647-5457

To: Northline Utilities and Nor Pro Employees
From: Emergency Operations Team
Re: Guidance Sheet #80 – Coronavirus Disease (COVID-19)
Date: September 14, 2020

Dashboard

Our Northline Utilities Emergency Operations Team feels that it is important to share an overview of the Northline Family as we monitor how COVID-19 is impacting our population.

Employees Tested for COVID-19	Employees with a Negative Test Result	Employees with COVID-19 Test Results Pending	Employees with a Positive Test Result
29	27	1	1

Our one Positive has recovered and is back at work.

Strategy Guidance

Similarities and Differences between Flu and COVID-19

What is the difference between Influenza (Flu) and COVID-19?

Influenza (Flu) and COVID-19 are both contagious respiratory illnesses, but they are caused by different viruses. COVID-19 is caused by infection with a new coronavirus (called SARS-CoV-2) and flu is caused by infection with influenza viruses. Because some of the symptoms of flu and COVID-19 are similar, it may be hard to tell the difference between them based on symptoms alone, and testing may be needed to help confirm a diagnosis. Flu and COVID-19 share many characteristics, but there are some key differences between the two.

While more is learned every day, there is still a lot that is unknown about COVID-19 and the virus that causes it.

Signs and Symptoms

Similarities:

Both COVID-19 and flu can have varying degrees of signs and symptoms, ranging from no symptoms (asymptomatic) to severe symptoms. Common symptoms that COVID-19 and flu share include:

- Fever or feeling feverish/chills
- Cough



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- Shortness of breath or difficulty breathing
- Fatigue (tiredness)
- Sore throat
- Runny or stuffy nose
- Muscle pain or body aches
- Headache
- Some people may have vomiting and diarrhea, though this is more common in children than adults



Differences:

Flu

Flu viruses can cause mild to severe illness, including common signs and symptoms listed above.

COVID-19

Other signs and symptoms of COVID-19, different from flu, may include change in or loss of taste or smell.

How long symptoms appear after exposure and infection

Similarities:

For both COVID-19 and flu, 1 or more days can pass between a person becoming infected and when he or she starts to experience illness symptoms.

Differences:

If a person has COVID-19, it could take them longer to develop symptoms than if they had flu.

Flu

Typically, a person develops symptoms anywhere from 1 to 4 days after infection.

COVID-19

Typically, a person develops symptoms 5 days after being infected, but symptoms can appear as early as 2 days after infection or as late as 14 days after infection, and the time range can vary.



How long someone can spread the virus

Similarities:

For both COVID-19 and flu, it's possible to spread the virus for at least 1 day before experiencing any symptoms.

Differences:

If a person has COVID-19, they may be contagious for a longer period of time than if they had flu.



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Flu

Most people with flu are contagious for about 1 day before they show symptoms. Older children and adults with flu appear to be most contagious during the initial 3-4 days of their illness but many remain contagious for about 7 days. Infants and people with weakened immune systems can be contagious for even longer.



COVID-19

How long someone can spread the virus that causes COVID-19 is still under investigation.

It's possible for people to spread the virus for about 2 days before experiencing signs or symptoms and remain contagious for at least 10 days after signs or symptoms first appeared. If someone is asymptomatic or their symptoms go away, it's possible to remain contagious for at least 10 days after testing positive for COVID-19.

How COVID-19 Spreads

Similarities:

Both COVID-19 and flu can spread from person-to-person, between people who are in close contact with one another (within about 6 feet). Both are spread mainly by droplets made when people with the illness (COVID-19 or flu) cough, sneeze, or talk. These droplets can land in the mouths or noses of people who are nearby or possibly be inhaled into the lungs.

It may be possible that a person can get infected by physical human contact (e.g. shaking hands) or by touching a surface or object that has virus on it and then touching his or her own mouth, nose, or possibly their eyes.

Both flu virus and the virus that causes COVID-19 may be spread to others by people before they begin showing symptoms, with very mild symptoms or who never developed symptoms (asymptomatic).

Differences:

While COVID-19 and flu viruses are thought to spread in similar ways, COVID-19 is more contagious among certain populations and age groups than flu. Also, COVID-19 has been observed to have more superspreading events than flu. This means the virus that causes COVID-19 can quickly and easily spread to a lot of people and result in continuous spreading among people as time progresses.

Complications

Similarities:

Both COVID-19 and flu can result in complications, including:

- Pneumonia
- Respiratory failure
- Acute respiratory distress syndrome (i.e. fluid in lungs)



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- Sepsis
- Cardiac injury (e.g. heart attacks and stroke)
- Multiple-organ failure (respiratory failure, kidney failure, shock)
- Worsening of chronic medical conditions (involving the lungs, heart, nervous system or diabetes)
- Inflammation of the heart, brain or muscle tissues
- Secondary bacterial infections (i.e. infections that occur in people who have already been infected with flu or COVID-19)

Differences:

Flu

Most people who get flu will recover in a few days to less than two weeks, but some people will develop complications, some of these complications are listed above.

COVID-19

Additional complications associated with COVID-19 can include:

- Blood clots in the veins and arteries of the lungs, heart, legs or brain
- Multisystem Inflammatory Syndrome in Children (MIS-C)

Vaccine

Similarities:

Vaccines for COVID-19 and flu must be approved or authorized for emergency use (EUA) by the FDA.

Differences:

Flu

There are multiple FDA-licensed influenza vaccines produced annually to protect against the 3 or 4 flu viruses that scientists anticipate will circulate each year.

COVID-19

Currently there is no vaccine to prevent COVID-19. Vaccine developers and other researchers and manufacturers are expediting the development of a vaccine to prevent COVID-19.

Daily Self-Checker



Please remember to keep using the Daily Self Checker. This Daily Self Checker is a list of questions that everyone should ask themselves every morning before work. If you answer "Yes" to any of these questions you should not go to work, and you should immediately reach out to the Emergency Operations Team Liaison Officer, Ricardo Aguilar by cell phone (518)-420-7078.

A copy of the Daily Self Checker can be found in the Employee Log-in Section of the Northline Utilities website: www.northlinellc.com.



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Notification

Remember, as part of our Northline Notification Protocol:

These are the reasons to contact Ricardo Aguilar (raguilar@northlinellc.com), Emergency Operations Team Liaison Officer:

- I went home with COVID-19 symptoms
- I stayed home sick with COVID-19 symptoms
- I was advised by a Health Care Provider to be tested
- I was made aware of someone else that has COVID-19 symptoms or stayed home
- I was asked to leave the jobsite by the customer due to a potential exposure
- I tested positive for COVID-19
- I encountered someone known to have tested positive for COVID-19, or
- I completed a trip to a CDC-categorized Coronavirus Warning Level 3 location

This notice must be directed to Ricardo Aguilar, Emergency Operations Team Liaison Officer at raguilar@northlinellc.com or by cell phone (518)-420-7078. The assigned Northline Project Manager will be notified and in turn the Project Owner, trade contractors and suppliers of the situation.

If you have any questions regarding this guidance, please do not hesitate to contact a member of the Emergency Operations Team. You are encouraged to send e-mails to Covid19EmOps@northlinellc.com or to specific individuals on the team.

Name	ICS Role	Office Number	Cell Number	E-mail Address
Jamie Atkins	Incident Commander	518-647-8198 ext. 201	518-569-8702	jatkins@northlinellc.com
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Rick Aguilar	Liaison Officer/Public Information Officer (Alt)	518-647-8198 ext. 324	518-420-7078	raguilar@northlinellc.com
William Straight	Business-Customer Liaison/Incident Commander (Alt)	518-647-8198 ext. 231	518-569-4140	wstraight@northlinellc.com
Lee Pray	Human Resources/Safety Officer (Alt)	518-647-8198 ext. 234	518-726-6724	lpray@northlinellc.com
Brandy Rousseau	Business-Customer Liaison (Alt)	518-647-8198 ext. 236	518-423-4914	brousseau@northlinellc.com
William Murty	Field Liaison	N/A	716-609-7461	BMurty@NorProLLC.com



**“What we do for ourselves dies with us.
What we do for others and the world
remains and is immortal.” — Albert Pine**