



# The Conduit

Volume 17, Issue 1  
January & February 2020

NEWS & VIEWS OF  
ELECTRICAL INSTALLATIONS, INC.





# EMPLOYEE SPOTLIGHT

**HAPPY BIRTHDAY**

- 1/10 Annette Chamberlain
- 1/18 Cory Glines
- 1/18 Christian Brosious
- 2/1 Ben Fritz
- 2/4 Tom Therrien
- 2/8 Iaian Thorner
- 2/23 Mitchell Leary

## Happy Anniversary

- Tom Therrien 23 Years
- Mike Leary 21 Years
- Christian Brosious 8 Years

### WELCOME NEW EMPLOYEE

**Maggie Gouette** recently joined our office team and is currently handling both Accounts Payable and Accounts Receivable. Maggie lives in Laconia with her husband, David, and she enjoys gardening and helping David with his greenhouse business. Her favorite pas-time, however, is quilting.

### SAFETY MATTERS

#### Damaged Tools and Equipment



Exposure to damaged electrical tools and equipment can be very dangerous. Do not fix anything unless you are qualified to do so. Thoroughly check for cracks, cuts or abrasions on cables, wires, and cords. In case of any defects, have them repaired or replaced. Lock Out Tag Out (LOTO) procedures should be performed at all times before commencing electrical maintenance and repairs. LOTO procedures are there to protect all workers on a worksite.

### IN THE SPIRIT OF THE SEASON

Thank you to all who contributed to EI's success this past year. We are thankful for every member of our dedicated team and we want you to know that you enabled us to, once again, share our success with those less fortunate. As Christmas approached, EI donated over \$44,000 to 21 different outreach-centered charities including The Salvation Army, St. Vincent de Paul, Cash-N-Cans, Habitat for Humanity, Community Caregivers, Twin Rivers Interfaith Food Pantry, Meals on Wheels, David's House, New Horizons, NH Food Bank, Dana Farber/Jimmy Fund, UMCOR, Visiting Nurse Home Care & Hospice, Lakes Region Food Pantry, Child Advocacy Center, Pine Street Inn, and others. Please know that you who enable our success have also touched the lives of many who are in need.

### Factoid of the Month

#### WHY DO WE HAVE LEAP YEAR?



It takes the Earth around 365.242199 days to go around the sun, but the modern Gregorian calendar only has 365 days. Without some type of periodic adjustment, the calendar would be out of "synch" with the seasons by approximately one month every 125 years. So once every four years, all of the extra time is added together to form a new day, February 29. Even this adjustment overcompensates by about 11 minutes.



Number of hours worked without a "Lost Time" Injury **123,778**



# The Conduit



Volume 17, Issue 2  
March & April 2020

## NEWS & VIEWS OF ELECTRICAL INSTALLATIONS, INC.

### FEATURED PROJECT

## Water Pollution Control Facility Comprehensive Upgrade Torrington, CT



Electrical Installations received the subcontract to provide instrumentation and controls for the Water Pollution Control Facility Upgrades in the City of Torrington, CT. The project includes construction of new buildings and structures, as well as the renovation of existing buildings and structures. This is a three-year project which will completely revamp the entire facility.

To date, we have supplied all of the instrumentation and we have begun the first phase of fabrication of the 12 PLC control panels and 25 local control panels that are included in this project. Of these, we are currently fabricating 7 PLC panels and a dozen local control panels. Following fabrication, the systems integrator, NIC Systems, and the engineer, Wright-Pierce, will test the panels before shipment to the job site. Our Panel Shop crew, Matt Blood and Casey Damon, are hard at work fabricating these panels and they have begun counting the number of I/O modules and relays in the enclosures. Presently the I/O count is 155 which equates to 2,480 points with 491 relays for an estimated wire count of 7+ miles! Upon completion, these panels will be installed and ready for the first phase of commissioning at the end of the year.

Following the completion of the current phase of panel fabrication, Matt and Casey will remain busy throughout the summer completing the fabrication of all remaining control panels for the Torrington project. This represents one of our largest supply-only fabrication projects to date. As always, our Panel Shop crew has risen to the challenge and they anticipate completing this project ahead of schedule!

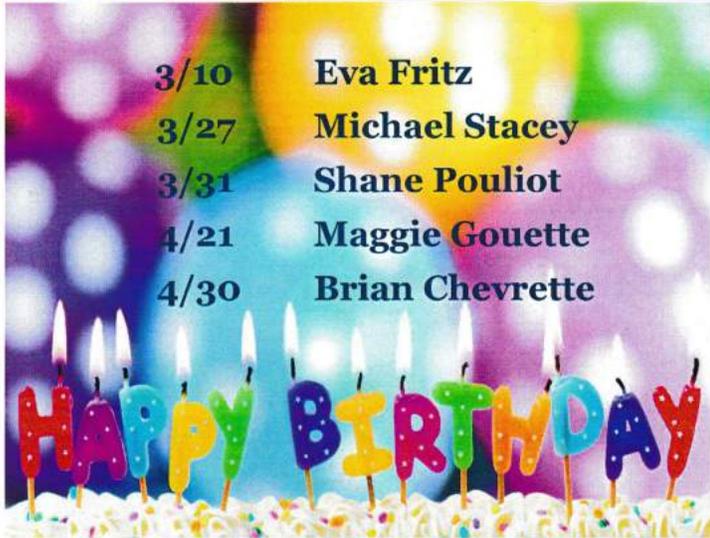
Number of hours worked  
without a "Lost Time" Injury **87,803**

*Spring  
Forward!  
March 8, 2020*





# EMPLOYEE SPOTLIGHT



- 3/10 Eva Fritz
- 3/27 Michael Stacey
- 3/31 Shane Pouliot
- 4/21 Maggie Gouette
- 4/30 Brian Chevrette

## Anniversaries

Matt Blood	16 Years
Tom Brosious	16 Years
Jared Leary	10 Years
Zack Fritz	10 Years
Andy Fritz	8 Years
Ben Fritz	7 Years



### Factoid of the Month

On the first day of spring, a person at the North Pole would see the sun skimming across the horizon, beginning six months of uninterrupted daylight. A person at the South Pole would see the sun skimming across the horizon, signaling the start of six months of darkness.

## ANNUAL EMPLOYEE MEETING

Friday, April 17, 2020  
 8:30 AM—1:30 PM  
 The Canoe Restaurant  
 Route 25, Center Harbor, NH




Electrical Installations recently marked its sixth year sponsoring the "New Hampshire Brew'n's" hockey team in the Annual New England Pond Hockey Classic. Teams travel from around the country to participate in this 3-day event which hosts 250 hockey teams on 24 rinks on Lake Winnepesaukee. This year, skating conditions became quite challenging as temperatures rose but the team managed a winning record, nonetheless. Congratulations Brew'n's!

## NEW ORLEANS

October 29 - November 2

The entire EI crew is cordially invited to New Orleans as we celebrate EI's 33rd Anniversary! Come join us down in The Big Easy as we cruise the Mississippi, tour the city, and see the sights. We can think of no better place for the most incredible Halloween Party ever!



### Have you RSVP'd?



# The Conduit

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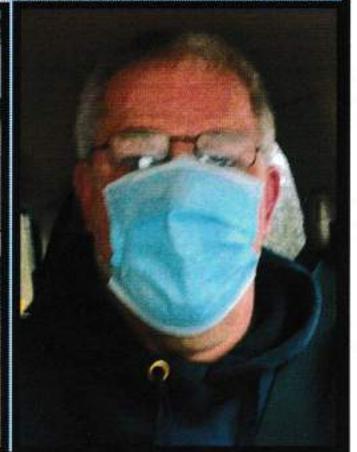
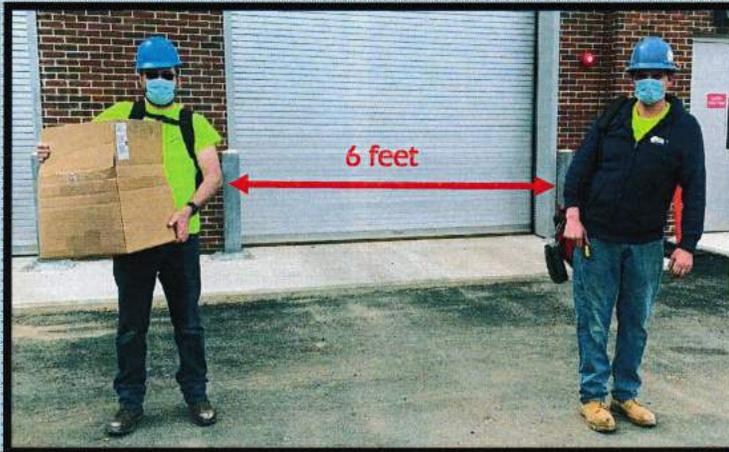
May & June 2020

## NEWS & VIEWS OF ELECTRICAL INSTALLATIONS, INC.

### ESSENTIAL WORKERS IN A PANDEMIC

All we hear about these days is COVID-19. It dominates the media and it has impacted our lives and the economy unlike anything we could have ever imagined. Millions of people are out of work, children cannot attend school, and sports and other public events are cancelled. The hardship and economic loss is catastrophic. Amidst the chaos and anxiety, however, the "essential" businesses continue working. As a business that is "involved in the construction of critical or strategic infrastructure including public works construction, water, sewer, electrical, ..." Electrical Installations, Inc. is deemed essential and we have a responsibility to maintain a normal work schedule. As such, we are compelled to adhere to project schedules despite shipping delays, safety concerns, and a general slow-down of everything.

But we are blessed in so many ways. We are blessed that we can continue to work safely and that there will be no lapse in income for anyone at EI. We are blessed that EI is financially strong and able to weather the economic repercussions of the pandemic. We are blessed that the entire EI team has remained healthy with no actual cases of COVID-19. Most of all, we are blessed knowing that our dedicated and caring team never fails to meet a challenge, unprecedented as it may be. For this we are incredibly thankful. We pray that you and your families remain safe and healthy.



Number of hours worked  
without a "Lost Time" Injury

# 98,564





# EMPLOYEE SPOTLIGHT

## Factoid of the Month

June is National:

- Give a Bunch of Balloons Month
- Papaya Month
- Accordion Awareness Month
- Pollinators Month
- Great Outdoors Month
- Candy Month
- Country Cooking Month
- Safety Month
- Turkey Lovers Month



To name a few...

## Anniversaries

Cory Glines	15 Years
Eva Fritz	14 Years
Casey Damon	13 Years
Mitchell Leary	6 Years
Harry Blood	2 Years
Iaian Thorner	1 Year

### Welcome Lillian Catherine Blood

Born on 3/15/20 at 1:11 AM. Lily weighed 7 lbs. 14oz and was 18.5" long. We wish Matt, Chrissy, big brother Wyatt, and Lily many joyful moments and memories.



### Welcome Ryan Edward Douglas Thorner

Born on 3/17/20 at 12:08 AM. Ryan weighed 6 lbs. 5oz and was 17.5" long. We wish Iaian, Shayna and Ryan many joyful moments and memories.



## PREVENTION OF COVID-19



**Memorial Day**  
*Never Forget  
 Ever Honor*

## UPCOMING PROJECTS

Augusta, ME— 2019 ASD Dewatering Upgrade  
 Apex Construction, Inc.

Bourne, MA—Buzzards Bay WWTF  
 Robert B. Our Co., Inc.

Cape Elizabeth, ME—Littlejohn Pump Station Upgrade  
 Apex Construction, Inc.

Derry, NH—Contract D2 Pump Stations  
 Lewis Builders Development, Inc.

El Panel Shop—Pole Control Panels  
 TSG Solutions, Inc.

Richmond, ME—Wastewater Treatment Process Upgrade  
 T. Buck Construction, Inc.

Rochester, NH—River St. Pump Station Upgrade  
 Apex Construction, Inc.

York, ME—Chase's Rd WTP PLC Upgrade  
 York Water District

Whitefield, NH—WWTP Upgrade  
 Daniel Hebert, Inc.



HAPPY 4TH OF JULY

# The Conduit

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July & August 2020

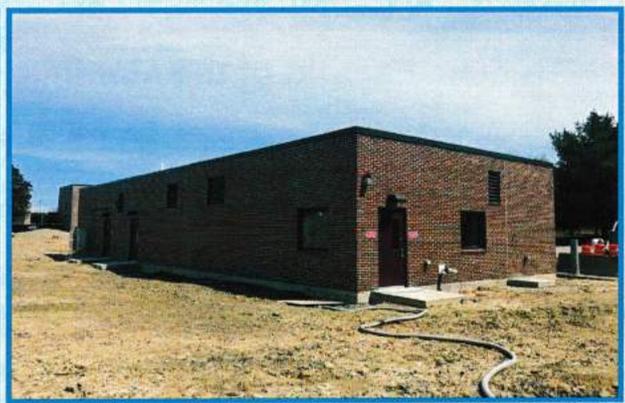
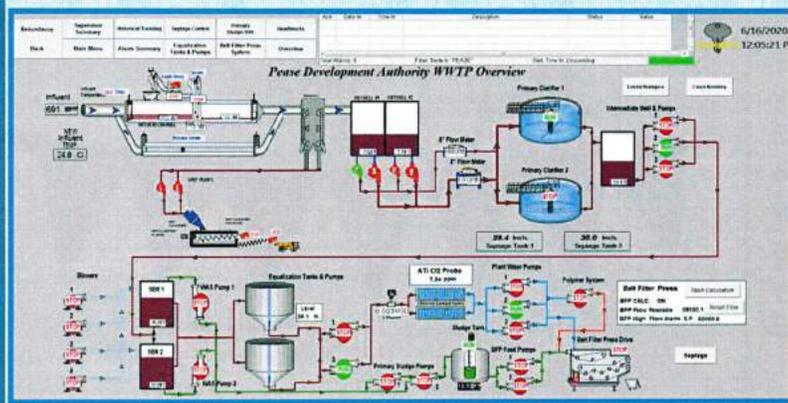
NEWS & VIEWS OF  
ELECTRICAL INSTALLATIONS, INC.



## FEATURED PROJECT Pease Wastewater Treatment Facility Headworks Portsmouth, NH

The Pease Wastewater Treatment Facility is the smaller of the two City owned treatment facilities and is located at the Pease International Tradeport. This facility is designed to treat an average daily flow of 1.2 million gallons per day (mgd) of wastewater from the Tradeport area to secondary treatment standards. The Pease Facility was constructed in the 1950's for the U.S. Air Force and was upgraded in the 1990's and converted to a Sequencing Batch Reactor (SBR). The City took over operations from the Pease Development Authority around this same time and Electrical Installations began the first of what would be several plant upgrades over the years.

The facility is again being upgraded, this time in phases over the next several years. The first phase of work is the new Headworks Building that will provide preliminary treatment designed to remove rags, debris, and grit from the wastewater before it enters subsequent phases of treatment. The facility consists of automatic screening equipment, new electrical controls, and four new raw wastewater pumps among other improvements. This ambitious project was recently completed despite long delays due to problems encountered due to the wet, sandy soil. An essential part of the project was an extensive SCADA upgrade, successfully completed by Electrical Installations. Special thanks to all who participated in this project including Jim Fritz and Shane Pouliot who assisted Project Manager, Charlie Fritz, and Matt Blood and Casey Damon who manufactured the required control panels. We have enjoyed numerous projects with the City of Portsmouth and we look forward to many more in the future.





# EMPLOYEE SPOTLIGHT

## HAPPY BIRTHDAY!

Jimmy Fritz	July 1
Craig Sharpe	July 9
Darlene Chevrette	July 9
Charlie Fritz	July 28
Andy Fritz	August 11
Zack Fritz	August 26



## HAPPY WORK ANNIVERSARY

Brian Chevrette	24 years
Darlene Chevrette	24 years
Neil Davis	24 years
Jimmy Fritz	10 years
Annette Chamberlain	4 years
Shane Pouliot	3 years

### SAFETY MATTERS

#### *Improper Grounding*



The most common OSHA electrical violation is the improper grounding of equipment. Proper grounding can eliminate unwanted voltage and reduce the risk of electrocution. Never remove the metallic ground pin as it is responsible for returning unwanted voltage to the ground.

### UPCOMING PROJECTS

- Acton, MA — Central Acton Water Treatment Plant  
Waterline Industries Corp.
- Concord, NH — WWTF Pump Station HVAC Upgrade  
PRB Construction, Inc.
- Hampton, NH — WWTF Phase 1 Upgrades  
Penta Corp.
- Kennebunk, ME — WWTF Improvements  
Apex Construction, Inc.
- Milford, NH — Milford WWTF PLC & Network Upgrade  
Town of Milford
- Nashua, NH — Office Backup Generator  
Pennichuck Water Works, Inc.
- Penacook, NH — Water System PLC System Upgrade  
Pennichuck Water Works, Inc.

Number of hours worked  
without a "Lost Time" Injury **108,958**



### Factoid of the Month

Americans spend over \$1 billion on fireworks every year. According to the American Pyrotechnics Association, the numbers continue to go up every year. The biggest celebration is the Macy's 4th of July Fireworks show, which takes over 8,000 hours to prepare!

God Bless



...land that I love.