

Hardwick WPCF Superintendents Report June 11, 2018

Completed:

-Took in 36,000 gallons of leachate from Casella Hardwick Landfill 6/5/18

-Assistant Chief Operator James Young presented Theresa with 2 weeks' notice of resignation on May 16

-Removed Young from alarm dialers at Eagle Hill, Gilbertville WWTP, Wheelwright Pump Station, Gilbertville pump station and Wheelwright WWTP.

-Eagle Hill Pump #2 Seal failure came back in February after just having seal replaced; swapped relay with relay on #1 per service dept on 2/9/18 to insure problem stays with pump not relay, problem stayed with pump. Xylem in Woburn (who just replaced seal) recommends we bring it in again and they can likely fix "while we wait". Matt took pump to Xylem (flygt) for service 5/16 first thing in am. On reinstallation, seal failure came back before even starting pump.

Flygt representative from Woburn came and picked up #2 pump from Eagle Hill 5/18/18 to return for service third attempt. Pump arrived via freight carrier 5/31, replaced in pump station 6/1 and tested/pumped fine.

-5/29/18 Received complaint of odor from Colleen Congero dated 5/21 (via Justin) just up from manhole where Eagle Hill force main dumps out. Flushed manhole of debris and ordered an odor control block to suspend in manhole. Called Colleen back and gave her the number for the Gilbertville WWTP so we can hopefully get these complaints in a timely manner. 6/1 Returned to manhole and suspended pine scented odor control block as a precaution/cheap insurance.

-MassDEP scheduled inspections for both facilities and pumping stations on June 5; toured all facilities from 8am to 12:30pm.

-6/5/18 #3 pump at Gilbertville pump station down on VFD "earth fault". Opened up junction box to dry based on electrician advise and also oriented wire nuts so that condensation with drain out of them rather than pool up. Following day, fault was reset after previous failed attempts. Will monitor.

Alarm/Call-In/Overtime log:

5/16 8:30 am Eagle Hill High Level; responded to find only available pump (#1) pumping at 57gpm and well at 5.5 feet on float control. Reset float control to move back to transducer control and monitored while well pumped down.

5/24 Brief Power outage at all 5 facilities 2:45 pm, restarted all equipment as needed after letting generators cycle. Eagle Hill needed hard restart as PLC was locked up again. Another Power Outage in Wheelwright and at Eagle Hill at 4:45 of longer duration, Potter and Provencal responded first shutting down Wheelwright pump station during duration to prevent flooding of controls. Wheelwright control PLC lost power and WWTP restarted twice. Need a new UPS for PLC power to prevent this. Rechecked at 9pm to insure restart completed successfully.

5/29 9:15am Wheelwright Pump Station alarm, high level, cleaned greasy float and monitored.

6/6 7:15am Wheelwright Pump Station, high level, Potter responded w/ Provencal and cleaned stuck float

Ongoing:

-Grade 4 WWTP Operator Tim Davis coming in for a tour of facilities 6/12/18; potentially interested in applying for our opening

Proposals:

-Jet hose to jetting trailer has delaminated to the point that it is dangerous and difficult to clean. Recommend we replace before using this jet again. \$500. *Pending budget review w/ Theresa*

-The automatic cleaning barscreen at the Gilbertville Pump Station has worn to the point that the 8 cleaning assemblies are binding on the scraper bar ("debris blade"). Staff added low friction plastic to stainless scraper to get it running again but we should order spares in case a cleaning paddle gets damaged to the point it is not operable. Quote for 8 scraper assemblies and replacement debris blade: \$715.00 plus shipping *2019 fiscal*

-We have been sharing a portable D.O. meter between both plants since the obsolete unit for Wheelwright failed a year ago. Especially now that we try to staff both facilities I recommend we purchase a new meter for Gilbertville and use the working unit we have at Wheelwright. \$826.50 *Pending budget review w/ Theresa*

-Purchase fittings and hose to allow pumping Wheelwright contact chamber sludge directly to waste sludge tank using #2 RAS pump. Roughly \$850. *Readdress next fiscal*

-Recommend promoting Matt Provencal to Assistant Superintendent (Grade D4), step 2. He has proven to be a fast learner and shown great initiative in getting licensed and operating/maintaining our facilities.

-Superintendent has 75 hours vacation time left after losing 56 hours last fiscal year. Propose reimbursement for some of that time in lieu of leaving Operator in training here without another licensed Operator for extended periods of time.

