

Completed:

8/3/17 Theresa overnighed completed NPDES permit applications for Gilbertville and Wheelwright WWTP's to the EPA. Copy of same and transmittal forms sent to DEP 8/17/17

8/15/17 EERS did not respond to several attempts after showing initial interest so contacted Wayne Perry concerning #3 Aerator mixer. Wayne made and installed a replacement. Upfront \$500-\$600 estimate. Completed and installed 8/21/17; staff painted.

8/17/17 Industrial Technical Services installed WIN911 at Wheelwright WWTP to get alarm system operational. Staff tested morning of 8/18/17 and alarm system did not actuate calls. ITS responded with a couple more visits and on 8/31/17 system was tested and appears to be texting and calling out alarms.

8/18/17 Staff installed new lower end on Wheelwright dimminuter and started up. Running well. Will save old Channel Monster unit for possible future rebuild or core.

8/22/17 Hayes pump installed new RAS/Waste pumps at Gilbertville WWTP. Running smooth.

Alan reported an odor complaint from the Cumberland Farms area last week of August. Found #2 Bioxide pump at Eagle Hill pump station not pumping. Replaced bellows and both poppets, primed pump and it's working again. Evoqua technician on-site to check out system on 9/1/17 and all looks good to him.

9/8/17 Gilbertville WWTP generator would not start for weekly exercise; called in Bigelow power who replaced both batteries. Load tested generator and transfer switch-OK. Reset exercise clock (was 2 hours slow) and weekly run to Tuesdays at 10am; was set for Thursdays at 3pm before change.

9/8/17 SBR#1 RAS pump failure alarm at Wheelwright WWTP; Pump running on arrival at 12:30am. Reset alarm and it reactivated 5 minutes later although pump is still running. Called in ITS after not reaching Lagrant Electric; After much diagnoses on the way too complicated system they found a bad circuit board and swapped it with the good one for the tanker pump. We only run the tanker pump in hand and while we are on site so it's no big deal if it sends a false alarm.

Ongoing:

-Wright/Pierce scanned reproduced ancient maps for Wheelwright sewer system so staff here can mark them up and update them. We will need to determine type, length, and size of lines and mark manholes as they exist now. GIS plan for Wheelwright sewer system as well as camera inspection of all lines and manhole inspections will need to be done in the near future per DEP.

-Reached original builder (John Costa of Kaman Automation) of control panel at Eagle Hill Pump Station to troubleshoot poor operation and/or reprogram system to correct problems outlined above. Town Treasurer working on getting us an account with them so they can send out a technician to troubleshoot. Eagle Hill to assist with payment?

-Received word through Justin @ BOH that homeowner at 772 Hardwick Road is experiencing problems with high backpressure one their E-1 sewage pump. Entered manhole at second BPV on Eagle Hill line (in front of Boise household) on 9/11/2017 to check pressure on line; Gage reading 50 psi. Loosened gage to insure it is responding and it dropped to zero so assumed accurate. This is higher than expected but not as high as the 80psi quoted in the letter from 772 Hardwick Rd. Valve could be partially plugged; did not attempt to bypass it at this time.

Proposals:

-We have (3) 330 gallon IBC totes outdoors (for EPIC58 chemical) at the Wheelwright WWTP without any form of secondary containment or shelter. They are showing signs of UV damage and are in view of a popular path where we often see kids walking. We need to either move these inside or shelter them somehow and have a containment area under or around them. EPIC58 was added as an afterthought to this facility but it does help the operation and we will need to continue its use indefinitely unless it is replaced by some other non-aluminum based chemical in the future. We only have room inside to put one containment pallet to store the existing IBC totes.. We thought about moving the existing 12'X12' shed and installing 3 individual containment skids with IBC totes in that (\$1100 each). \$2834 for a 625 gallon double-walled tank that would safely fit inside the building (includes shipping). I think that's the way we should go.