

## RECENT STORM RUNOFFS

During the recent heavy rainfall on August 10<sup>th</sup> the Public Works Director, City Fire Chief, and City Engineer were all out during the rainfall and monitoring the peak runoff from the storm event. It was a very quick storm which developed large runoffs very quickly and the runoff subsided just as quickly. We witnessed no areas that we could see, where the runoff waters left the natural channels of Murry Creek. The NDOT Phase 1 storm drain improvements functioned as intended and diverted approximately 40 cfs through the overflow channel and around the downstream private properties.

The streets in Central Ely had lots of surface water flowing on them and the Public Works Director had both the Street Crew and the Water Crew actively working in the area keeping all drop inlets clean and functioning during the storm. Given the conditions they were working in, they did a great job.

A couple areas in town that did receive a significant amount of debris was Ely Avenue/North Street and Dickerson/Mill Street. The crews cleaned these areas up the day of the storm and then came back and did a final cleanup a few days later. Ely and North Street debris was caused by the upstream inlet to the culvert crossing under the railroad tracks being blocked prior to the storm. The water backed up until it became large enough to push the debris through the culvert and send a surge of water and debris onto the City streets. The crews have cleaned this inlet and the City will coordinate with the Railroad to keep their culvert clean and functioning in the future.

Future improvements that will reduce runoff flows in the future is the completion of the NDOT Phase 2 storm drain system and the completion of the track project by the railroad between the train depot and the museum on Aultman. The NDOT Phase 2 project will collect a large portion of the surface flows that currently flow through Central Ely and divert them in the new culvert and ultimately to the diversion structure to enter the overflow channel and be conveyed around private property. At the completion of Phase 2 is when the residents in Central Ely will see the true benefit of the new storm drain system. The track project will also catch local flows and divert them to the new storm drain system and around private property.

The City Engineer a while back brought the need to construct the south diversion ditch at the landfill to the City Council and Utility Board. Both the Council and Utility Board concurred with the need to proceed with the diversion ditch. The construction of the diversion ditch was budgeted this year and the City Engineer is currently working on getting this project to construction.

**Patti Cobb**

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**Subject:** FW: Utility Board Meeting- 09/8/2022

**From:** Frederick Partey  
**Sent:** Thursday, September 8, 2022 7:03 AM  
**To:** 'Jennifer Lee' <[CityClerk@cityofelynv.gov](mailto:CityClerk@cityofelynv.gov)>  
**Cc:** Amanda Hilton <[amanda.hilton@us.kghm.com](mailto:amanda.hilton@us.kghm.com)>  
**Subject:** Utility Board Meeting- 09/8/2022

Hello Jennifer,

I will not be able to attend today utility board meeting, I am by this email providing you an update on "Old Business" Item B 1. *Ruth Pit development and water mitigation efforts within the City of Ely.*

Robinson continue to mine from the Ruth pit complex, here is the breakdown of fresh water dewatering effort from the South block.

About 8,993 gpm is being pumped, 2,546 gpm is going into Gleason Creek and the rest is going to the mill for ore processing. RW-7P- is delivering 1,045gpm into the city water system.

Please let me know if the utility board has any questions.

Thanks,

Frederick

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