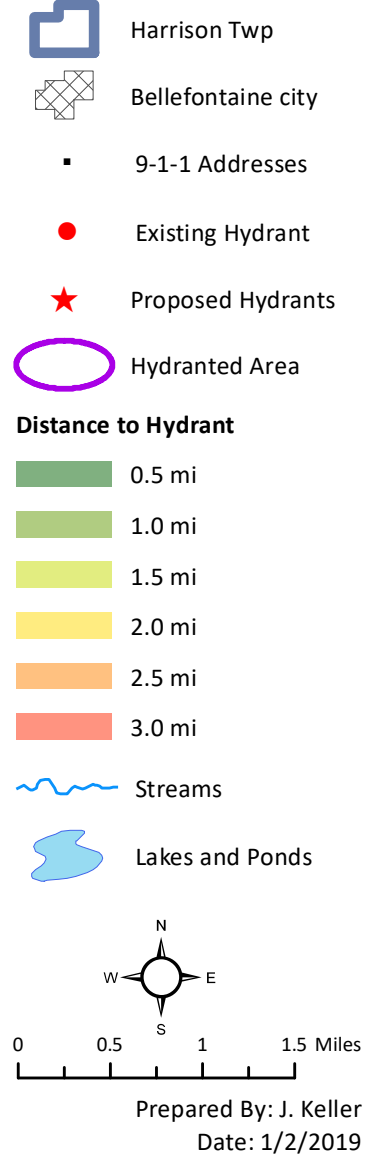
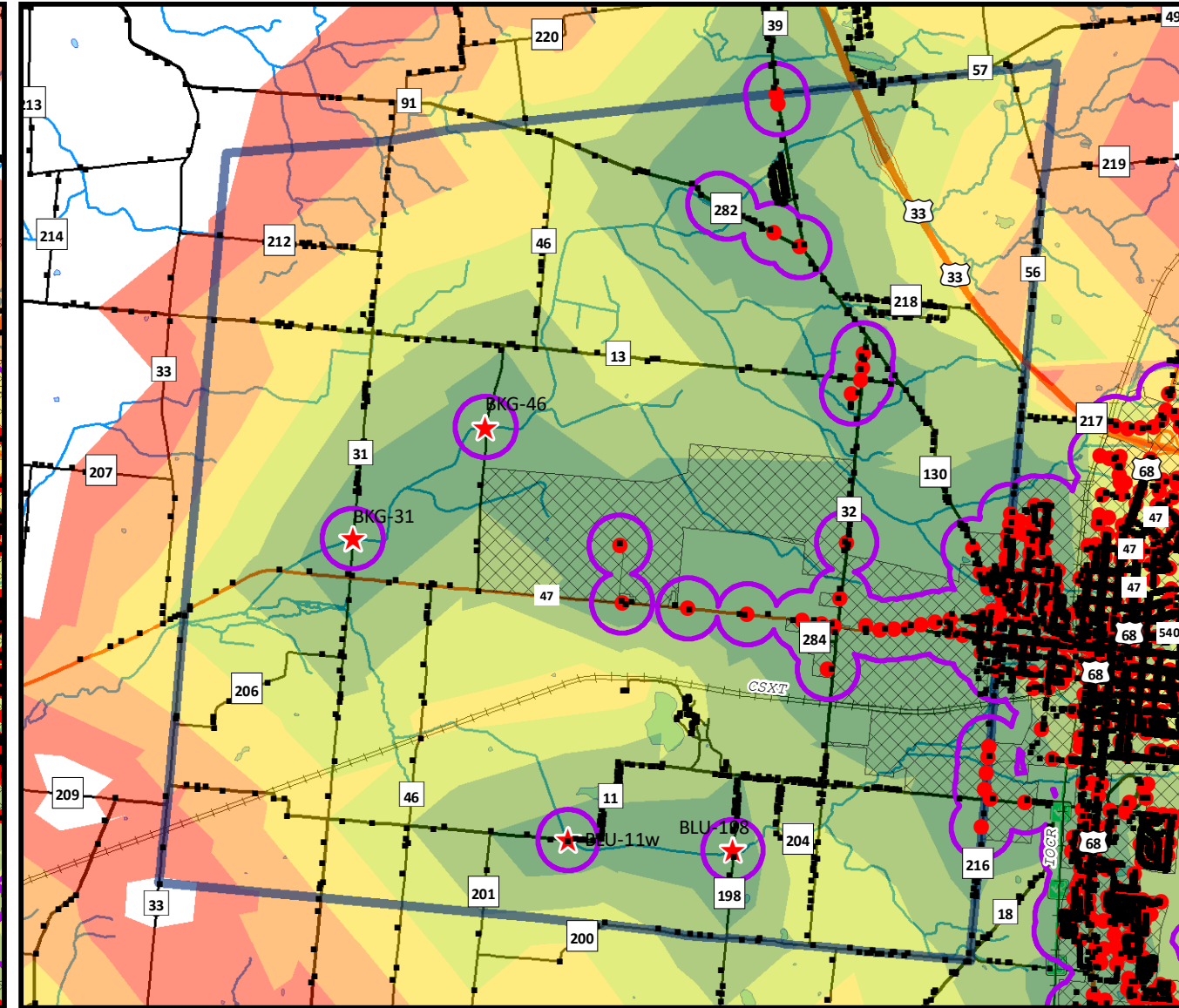
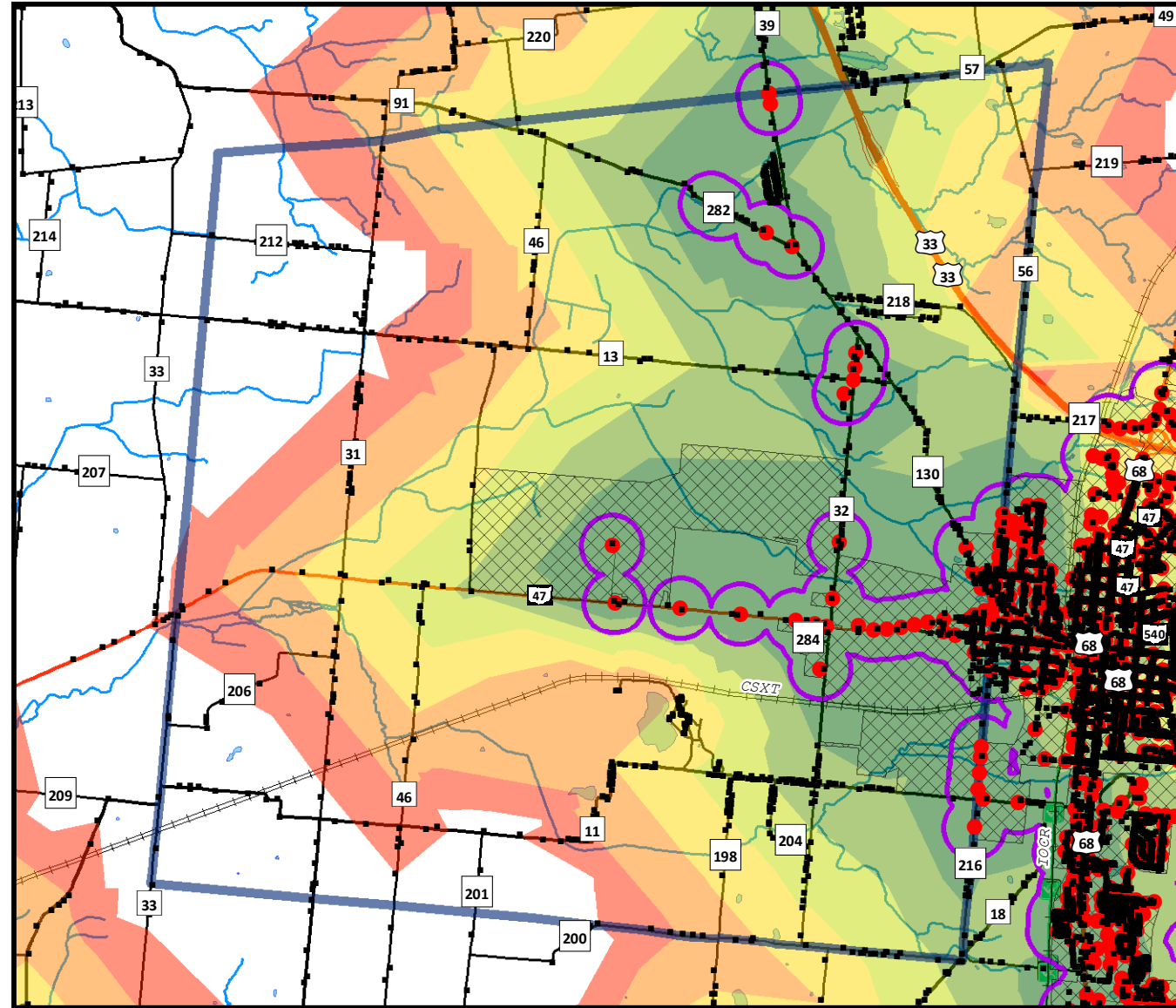


# Harrison Township - Rural Water Supply Project (Phase 1)

## Current Situation

## Proposed Situation (Phase 1 Hydrants)



Prepared By: J. Keller  
Date: 1/2/2019

Proposed Phase 1 hydrant installation sites  
Bluejacket Creek (BLU) and Bokengehelas Creek (BKG)

Hydrant	Road	Bridge ID	Min. Flow (GPM)	Max. Lift (feet)	Freezing Survey
BLU-11w	CR-11	11-6.69	689	13.5	Minor icing
BLU-198	TR-198	198-2.33	514	13.0	Minor icing
BKG-31	TR-31 N	31-7.55	1,389	11.0	Minor icing
BKG-46	TR-46 N	46-4.31	1,225	12.5	Ice-free channels

1. Minimum flow occurs in October (USGS StreamStats)  
2. Freezing surveys conducted 1/6-7/2018

Hydrant deployed for drafting



Hydrant in stowed position



Coverage improvements for Harrison Twp addresses (excluding Bellefontaine corp. limits)

Distance to Hydrant	Current	Phase 1	Percent Change
< 1000 ft	76	87	14.5%
< 0.5 miles	68	110	61.8%
< 1.0 miles	164	291	77.4%
< 1.5 miles	111	132	18.9%
< 2.0 miles	74	41	-44.6%
< 2.5 miles	78	30	-61.5%
< 3.0 miles	52	2	-96.2%
> 3.0 miles	70	0	-100.0%