

# The House Street Disposal Area and Perfluoroalkyl Substances (PFAS)



September 12, 2017 – Rockford High School

# History of the House Street Disposal Area

- **Wolverine Shoe & Tanning Co. purchases 1855 House Street NE in the early 1960's. Waste disposal predates purchase.**
- **Material disposed into trenches, storage ponds & seepage lagoons**
- **1966: property licensed as an 1965 PA 87 solid waste disposal facility**
- **1970: Waste disposal shifted to another location - disposal area mothballed**
- **1978: Solid waste disposal area license expires**



House Street Disposal Facility 11-1965 USGS aerial photograph

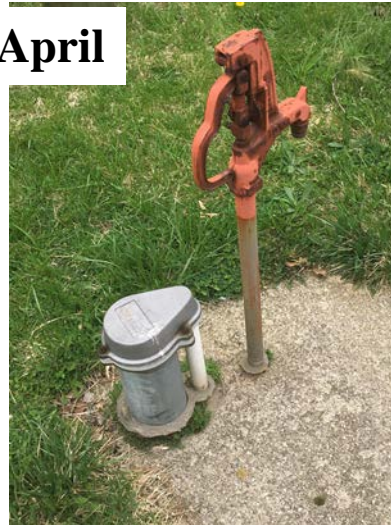
# Timeline of Recent Events

## January 2017 to June 2017

January



April



June 5



March



# Timeline of Recent Events June to September 2017

July 12-13



August 10-24



September



# Challenges of Sampling For PFAS

Two Person Crew: Clean Hands & Dirty Hands



**PPT = parts per trillion**





SCALE: 1" = 400'

10 MILE RD.

10 MILE

APPROXIMATE  
STUDY  
AREA

HOUSE ST.  
SITE

HERRINGTON

STRAWBERRY FARMS

HOUSE ST.

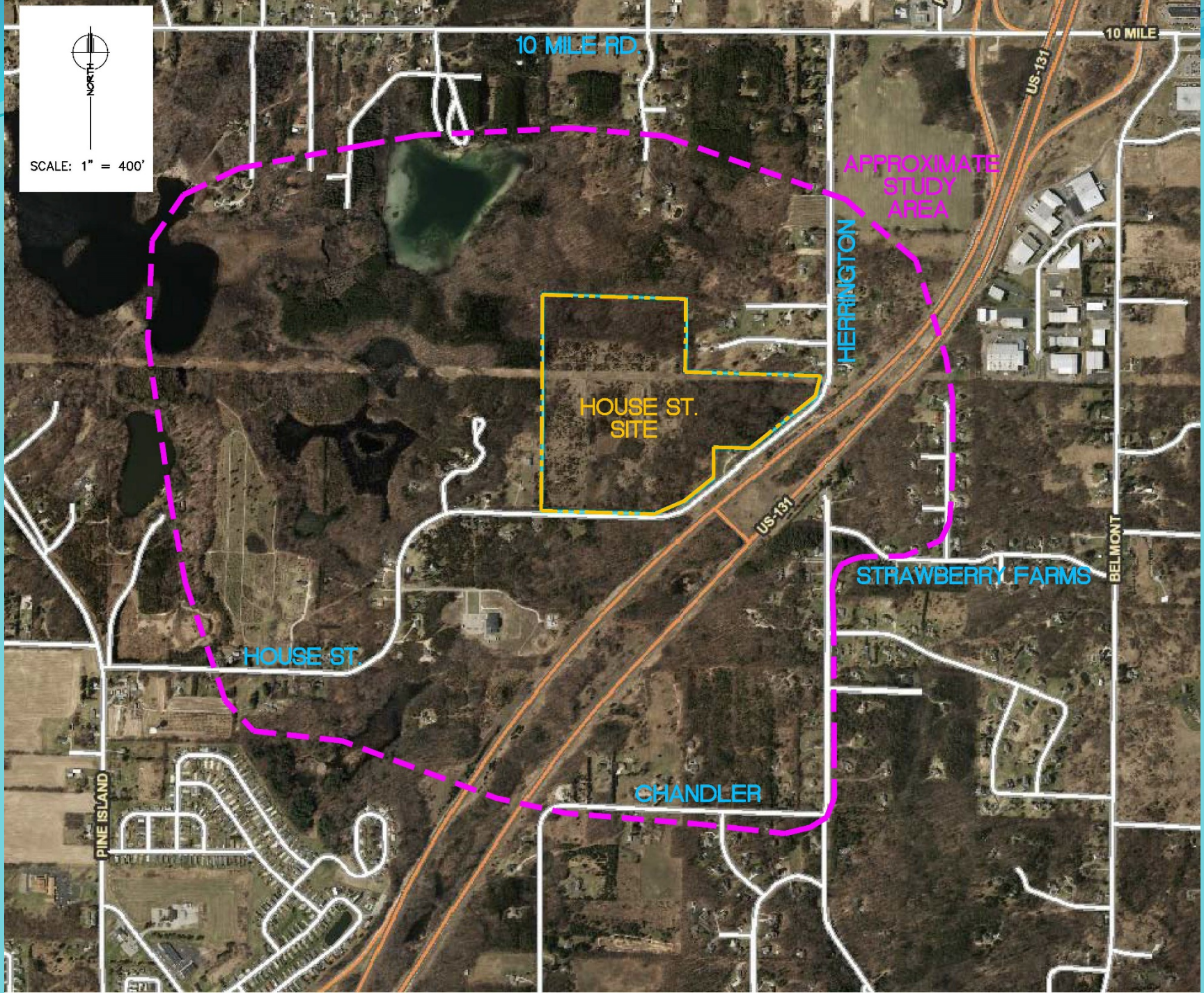
CHANDLER

PINE ISLAND

BELMONT

US-131

US-131



# Drinking Water Sampling Results

**38 Parcels have had their drinking water well sampled**

- **10 parcels exceed a combination of PFOA & PFOS (>70 ng/L)**
- **10 parcels have a moderate detection of PFAS (>10 ng/L)**
- **6 parcels have low level PFAS (<10 ng/L)**
- **9 parcels were non-detect for all PFAS**
- **3 parcels are awaiting results**

# **On-Site Investigation**

- **Soil borings and monitoring well installation ongoing according to the DEQ-approved conceptual work plan**
- **Groundwater sampling late September early October**
- **Preliminary findings to DEQ late November**
- **Additional steps will be based on the preliminary findings**



# Recommended Path Forward

- **Continue sampling residential wells recommended by DEQ**
- **Offer bottled water and filters certified to remove PFAS to all residents within the area already tested or being tested**
- **Continue on-site investigation**