

# Harbor Island Update

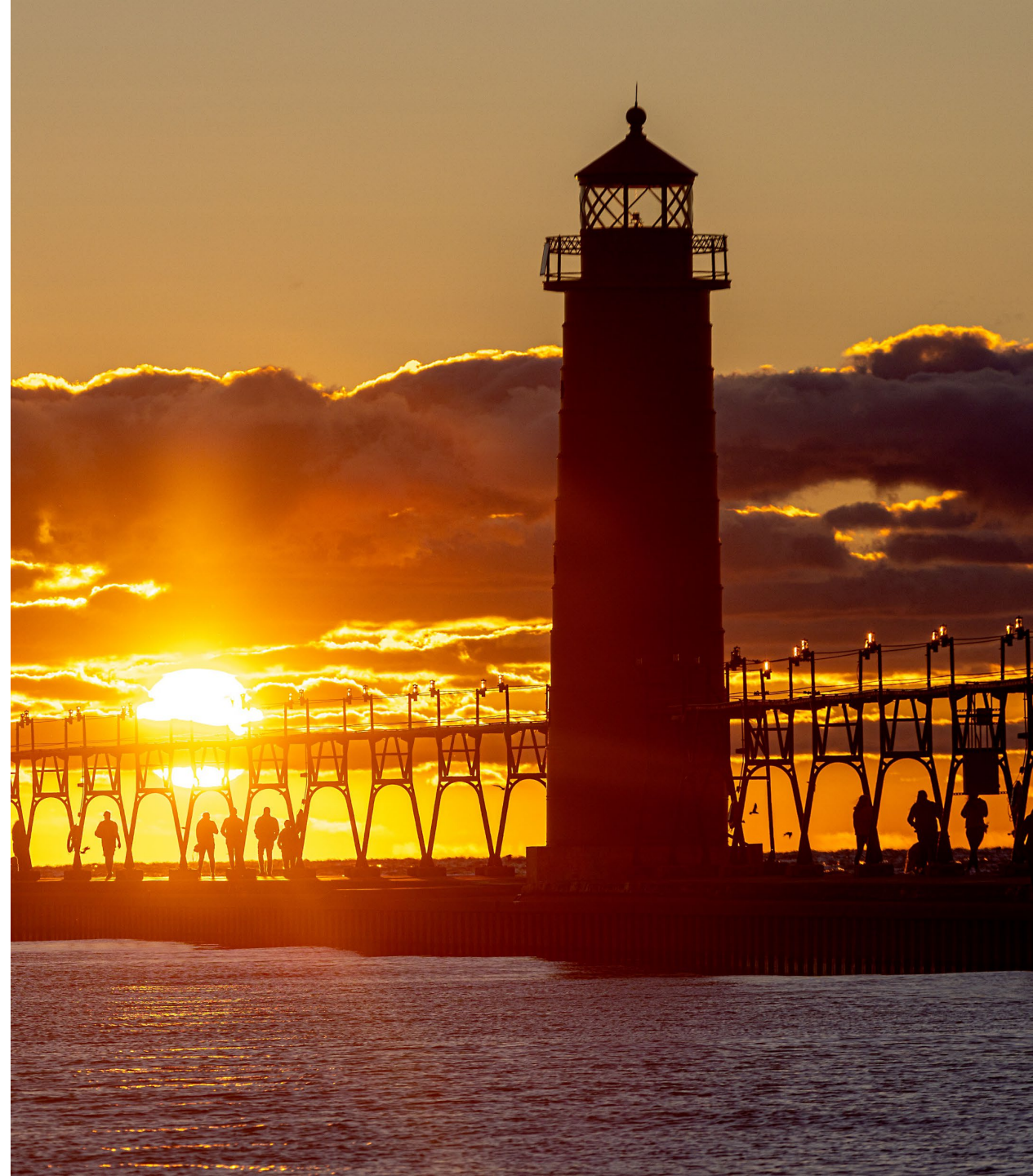
## Board of Light and Power



Thursday, March 16, 2023  
6 p.m.

# ▶ Harbor Island Updates

- ▶ Communications Activities
- ▶ CCR data to date
- ▶ Upcoming Tasks



# Communications Update

*November 2022-March 2023*

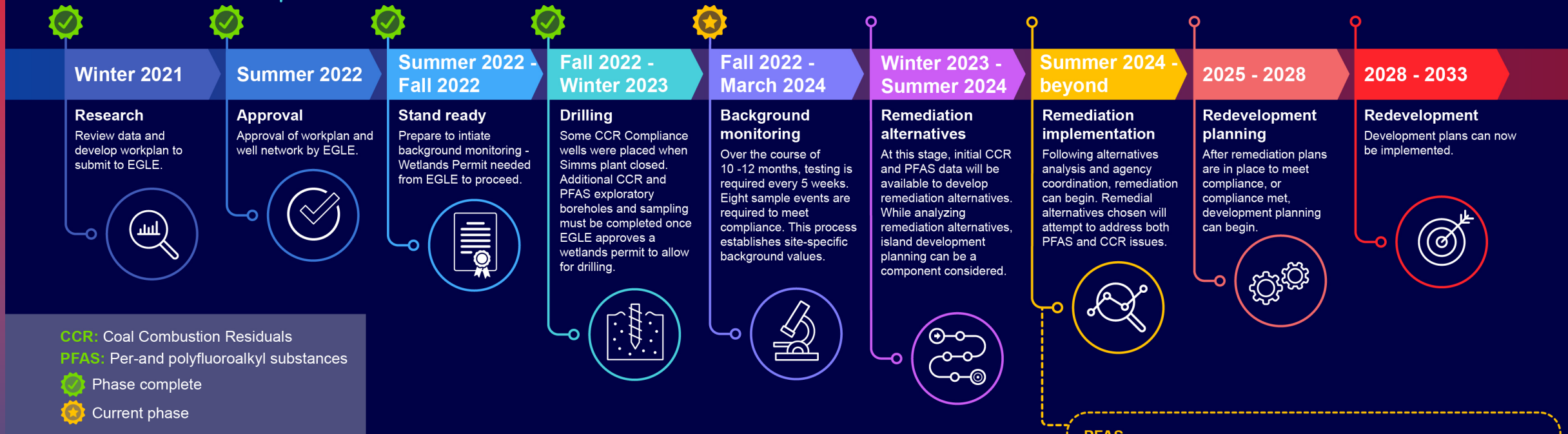
- ▶ Town Hall
  - ▶▶ Tuesday, Dec. 6
- ▶ Reports
  - ▶▶ [2022 Federal CCR Annual Report](#)
  - ▶▶ [2022 State CCR Annual Report](#)
- ▶ Incoming Data
  - ▶▶ CCR sampling in late November/January/February
    - Surface and groundwater
  - ▶▶ Council and BLP updates



# Anticipated Timeline

**Renew Harbor Island**  
Work today, protect tomorrow.

## Anticipated Timeline\*



\*Timeline subject to agency response and funding, site conditions, and remediation effectiveness.

Harbor Island work entails two work plans needing EGLE approval. While work is done simultaneously, when possible, either work plan could see delays at different times.

**PFAS**  
PFAS work requires detection of chemicals, investigation, remediation and close-out.

**CCR**  
CCR Compliance requires semi-annual monitoring and reporting throughout the duration of the project, during remediation, and years after remediation is complete.

# ▶ Sharing Data

It is important to clarify how data comes in and our process for sharing this information with the public.

- ▶ Data is gathered in the field.
- ▶ Generally, experts take time to review the data, looking for inconsistencies and confirming results.
  - ▶▶ Database management
  - ▶▶ Data validation
  - ▶▶ Data is reviewed graphically.
  - ▶▶ Reviewed statistically, if applicable
  - ▶▶ General comparisons are made against background values and site-specific groundwater standards
- ▶ Reviewed data is shared with the Community Advisory Group, a community group established by Grand Haven to reflect on data, ask questions and help communicate results.
- ▶ Results are shared at public meetings, such as tonight, with opportunities for questions to further clarify data.
- ▶ Data is posted on the Harbor Island website at [www.grandhaven.org/renew-harbor-island](http://www.grandhaven.org/renew-harbor-island).

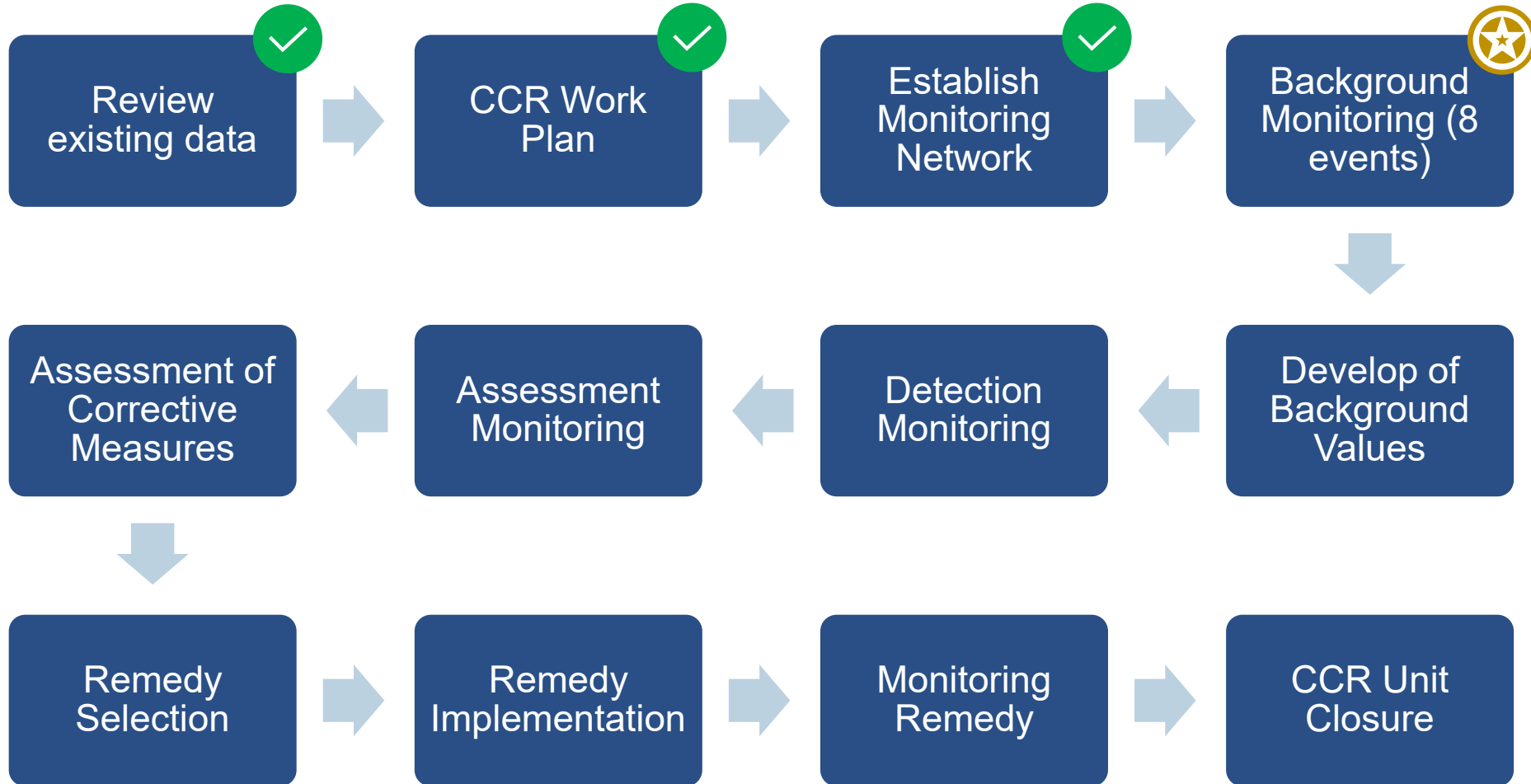
# CCR Update



# Well Locations



# CCR Compliance Tasks





# CCR Activities to Date

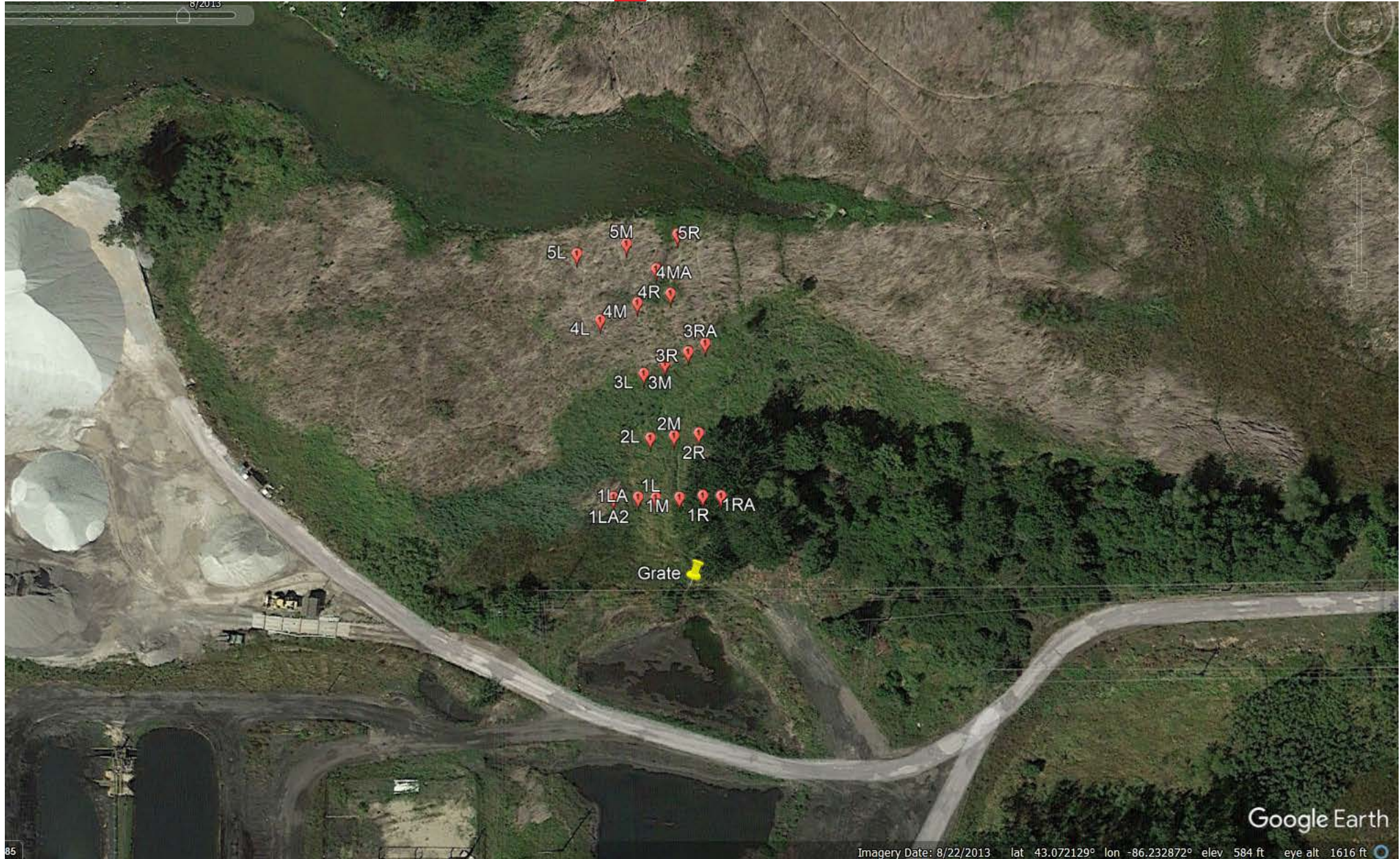
- ▶ Collected three rounds of sampling out of eight required for background monitoring
  - 9/22/22 – Water Level Only
  - 11/28/22-12/2/22 – First Background sample event – groundwater and surface water
  - 1/3-5/23 – Second Background sample event – groundwater and surface water
  - 2/6-8/23 – Third Background sample event – groundwater and surface water
- ▶ No data is validated yet
- ▶ New monitoring wells were installed in November 2022
- ▶ Submitted state and federal reports for 2022
- ▶ Discussions with EGLE regarding North Channel Investigation

# North Channel Investigation

- ▶ CCR was encountered in the channel
- ▶ The North Channel will impact the boundary of the CCR unit.
- ▶ Meeting took place with EGLE to discuss next steps
  - ▶▶ EGLE is meeting with EPA March 16 to discuss the data.



# North Channel Investigation



# North Channel Investigation



# North Channel Investigation



# North Channel Investigation



# Anticipated Next Steps

## CCR

- ▶ Will sample 34 monitoring wells every 5 weeks.
- ▶ Submit quarterly ground water sampling reports to EGLE.
- ▶ Finalize North Channel Report

## Funding Research

- The City continues to research and plan for the funding of this work and future work.



# Public Updates

- ▶ Town Hall mid-late August 2023
- ▶ CAG meetings in summer and fall 2023
- ▶ Public Meetings
  - Thursday, March 16 (BLP)
  - Monday, March 20 (City Council)
  - Thursday, June 15 (BLP)
  - Tuesday, June 20 (City Council)
  - Monday, Sept. 18 (City Council)
  - Thursday, Sept. 28 (BLP)





# THANK YOU!

[www.grandhaven.org/renew-harbor-island](http://www.grandhaven.org/renew-harbor-island)

