

**Milwaukee County  
SOUND STUDY  
Public Meeting**

**Thanks for joining us!**

**The meeting will begin at the top of the hour –  
presentation at 4:00, 5:00, and 6:00**







# AGENDA

- Welcome and introductions
- Purpose of today's meeting
- Meeting format
- Project background
- Sound study scope and schedule
- Opportunity for public input

Note: the meeting is being recorded





## Welcome and Introductions

# Welcome

- Regina Flores
  - Director of Procurement
  - Milwaukee County Department of Administration



## Meeting Purpose

# Meeting Purpose



Share

Share background on site to develop a common understanding



Explain

Explain the Sound Study underway



Provide

Provide an opportunity for public input



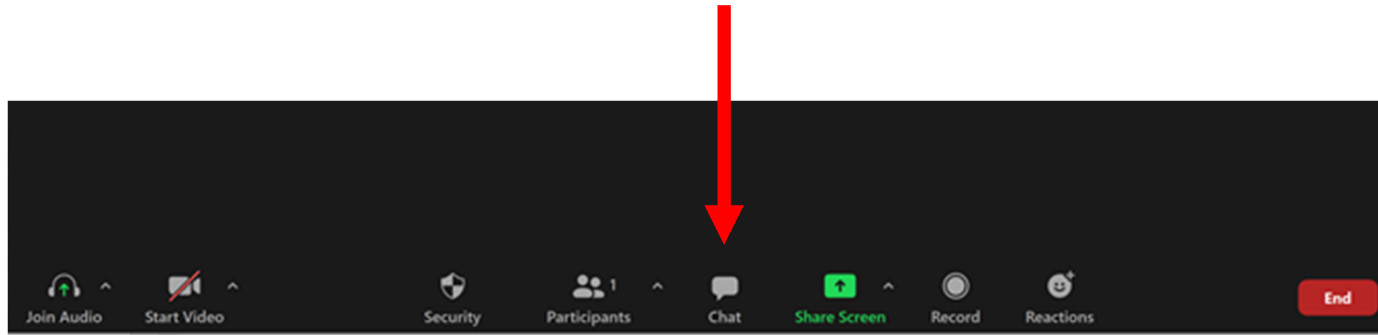
## Meeting Format



# Timing

- Presentation at 4:00pm, 5:00pm, 6:00pm
- Input opportunity to follow each presentation
- Presentation will be the same during each session

# USE CHAT - QUESTION/COMMENTS



- Put your name in the chat to register to speak. The menu will give you options – sent the chat message to Beth Foy.
- Speakers will be limited to three-minutes of spoken testimony.

OR:

- Put your comment in the chat (to Beth Foy) if you prefer to offer your comment in writing and not speak.

OR:

- Mail your comments to: Milwaukee County Procurement, Attn: Sound Study, 633 W. Wisconsin Avenue, Milwaukee, WI 53203



## Project Background

## History of Site

- 1955 - Crystal Ridge landfill opened in 1955; the landfill was formally closed in the 1990s
- 1983 – County entered into an agreement with a ski hill operator
- 2012 - Milwaukee County leased land to Rock Sports Complex
- 2017 - Milwaukee County approved a sale of Crystal Ridge landfill, establishing the opportunity for full development of the park
  - Development of Ballpark Commons includes a minor-league baseball stadium, a golf driving range, and other amenities

## Current Role of Milwaukee County

- As part of the Rock/County contract, sound monitors were set up to get real time information. Monitors are in place to help developer achieve compliance with local ordinance.
- Contract with Rock – More than four material violations in one year may result in County action if the City of Franklin does not take stepped-up enforcement measures.
- “Material violation” – A complaint is filed with the operator or City of Franklin of a noise violation, which is evidenced by the monitoring data logs, and that noise violation is not corrected within 30-minutes of the Triggering Event (material violation of ordinance)



# Role of Municipalities

- Franklin
  - Rock located in Franklin
  - Local noise ordinance- municipality has right to set and enforce ordinance
- Greendale
  - Residents impacted via proximity to Rock



## Study Scope and Schedule

## Sound Study: Objectives

- Clarity on what are the sound concerns
- Recommendations to make any adjustments
- Recommendations on sound thresholds

# Sound Study: Scope of Work

- Phase I
  - Meet with the County
  - Develop a plan to complete the project
- Phase II
  - Public outreach
  - Sound monitoring
  - Sound modeling
  - Review applicable noise regulations
  - Data analysis

# Sound Study: Monitoring Details

- Continuous unattended sound monitoring for 6-months
- Attended sound monitoring during 6 events
- Equipment
  - ANSI/IEC Class 1 sound level meters
  - Digital recordings
  - Meteorological data (wind, temperature, humidity)
- Data processing





# Sound Study: Monitoring Locations

- Ski hill – to capture direct noise from Umbrella Bar
- Neighborhoods to east and west of Rock Complex – capture representative noise data
- 6 months of unattended monitoring
- Attended monitoring at additional locations



# Sound Study: Sound Modeling

- CadnaA Acoustical Modeling Software
  - 3-dimensional acoustic model
  - Scenarios:
    - 6-events
  - Outputs:
    - Sound levels at discrete receptor locations
    - Sound contour maps (GIS)
    - Event sound levels compared to ambient

## Sound Study: Analysis

- Documentation of measured data – both during events and during periods without events
- Review of sound modeling results
- Comparison of periods with events to those without
- Recommendations

# Sound Study: Scope of Work

- PHASE III TASKS
  - Review of data and literature developed in Phases I and II
  - Develop sound thresholds for humans
  - Recommend best practices to reduce noise impacts by use



# Sound Study – Anticipated Schedule

## Summer 2022:

- Installed monitors
- Conduct public meeting
- Monitor events
- Review local ordinances

## What's next:

- Now through end of 2022 - Sound monitoring
- Spring 2023 – Analyze data
- Spring/Summer 2023 – Final report
  - Note: Final report will include recommendations





## Public Input

# Public Input

- Enter your name in the chat (to Beth Foy) to provide input, we will call on you in order and unmute your microphone
- Each speaker is allowed no more than 3-minutes
- Each speaker will be called on:
  - State your name, address and spell your name for the record
  - State your relationship to the site (resident, local official, employer/employee, site user)
  - **Keep comments pertinent to the Sound Study**
- We will not be answering questions. However, after every speaker has been given an opportunity to speak, the team may provide additional clarity on scope/approach, if time allows and if answers are readily available.