



October 17 Zoar Levee Consulting Parties Meeting Minutes:

Attendees: Listed in Table 1

Attendees arrived, signed in, reviewed the current list of consulting parties and provided updates.

Meeting Start: 1:30pm EST

Discussion of the Current Status of the Project and Consultation Process

- Note consultant's report refers to an Area of Potential Effect (APE) and study area are the same – this is an error, as the APE has not been re-submitted to Consulting Parties for review and comment, prior to finalization
- USACE will review draft archaeological report at the same time we submit report to Consulting Parties
- Nathan White (USACE) is preparing a website to disseminate information to Consulting Parties and other people, to facilitate public outreach
- Mayor Gordon suggested maintaining hardcopies of documents at the Zoar Store, including comments and responses, for those people who cannot access the web.
- Greg Jones (USACE) described the Project Partnership Agreement with Muskingum Watershed Conservation District (MUR)
- Lisa Adkins (OSHPO) stated that the PA has taken some of the direct effects of the Internal Erosion Interception Trench (IEIT) and that Best Management Practices are stipulated by the PA
- OSHPO and OHC expressed concerns that Consulting Parties were not being contacted. Nathan White (USACE) committed to updating Consulting Party list and outreach to federally recognized tribes listed in the PA again.
- OSHPO requested a list of federally recognized tribes that Huntington District consulted with (this was provided to Diana Welling of OSHPO and she was satisfied that the list is accurate)

- OSHPO requested that they be notified when we consult with tribes, so that they can answer any questions that the tribes may present to OSHPO
- Nathan White (USACE) assured OSHPO that projects to date have been coordinated with Mayor Gordon and Tammi Shrum (Zoar Site Director) in accordance with the PA.
- Lisa Adkins of OSHPO suggested two-way communication between USACE and Zoar Village as far in advance as possible, in case Zoar is able to develop their schedule with IEIT construction in mind
- OSHPO will be notified when USACE archaeologist monitors soil borings in accordance
- USACE will notify OSHPO, OHC and other Consulting Parties prior to media events
- USACE will work with OSHPO to develop a protocol for communication with OSHPO in event of inadvertent discovery
- USACE will coordinate any archaeological work on Ohio State property through both OHC and OSHPO
- Hans Fischer (ZCA) asked why the IEIT could not be constructed on the outside of the levee and Seth Lyle (USACE) explained that the IEIT would not function in that location

Discussion of Archaeological Work and Draft Report:

- John Schweikart and Lisa Adkins (OSHPO) pointed out that the geophysical survey recommended further work to the north and south if the site (33TU828) cannot be avoided. USACE is working to avoid impacts to the site through design.
- Mayor Gordon and others informed the group that the structural remains to the west of the remains of the Second Cow Barn may have been a root cellar or ox roasting pit. In addition, there may have been a picnic area. Mayor Gordon and Hans Fischer spoke about the kettle used to sterilize the milking equipment
- Hans Fischer and others wondered what would happen to the artifacts recovered from the archaeological investigations. Nathan White (USACE) stated that once the artifacts are curated, they may be displayed at Zoar through an agreement. Any artifacts recovered from Ohio State property would require consultation with OHC
- Lisa Adkins (OSHPO) asked about data indicating the soil conditions below the original levee and the second levee, as the levee itself is eligible for listing on the National Register. USACE will provide the boring logs and photographs to OSHPO along with any other information that can be located

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Discussion of the Vibration Assessment and Structural Stability Assessment:

- Lisa Adkins (OSHPO) pointed out that cracks in structures differ based on seasonal fluctuations in temperature and humidity
- Some Zoar citizens are concerned about cannon fire from the Civil War reenactment
- The Vibration Assessment will be filed at the Zoar Store and posted on the website
- Background data will be collected and vibration records will be filed at Zoar Store
- Lisa Adkins (OSHPO) expressed concern about underground utilities and their location
- Mike Nield (USACE) indicated that seismometer readings will be collected at least daily
- Mayor Gordon requested the Brewery foundation be added to the assessment and that any repairs to historic properties involve consultation with the Village Preservation Commission as well as with OHC and OSHPO
- Betsy Merritt (National Trust for Historic Preservation) requested clarification of the upper limit for peak particle velocity and Mike Nield (USACE) clarified to her satisfaction (.12 for continuous vibration and .3 for impact, see Presentation)
- Discussions involved monitoring triggers and other issues and these will be discussed further in subsequent meetings

Discussion of Project Schedule and Project Implementation Plan and General Public Outreach:

- OSHPO expressed concern that the schedule and plan were difficult to understand and USACE agreed to revise for clarity and inclusion of upcoming actions and critical decisions
- Lisa Adkins (OSHPO) requested further outreach efforts for ZLCP and USACE agreed to more outreach
- Lisa Adkins (OSHPO) suggested revisiting the requirements in the PA to discuss relevance now that we know more about the project
- Hans Fischer asked when he would be informed of impacts to his property and Greg Jones (USACE) stated that USACE is approaching a point when that information will be available

Discussion of Ponding Area and Relief Wells:

- The Ponding Area was discussed in detail and involves replacement of an existing system within the existing footprint (OSHPO concurred with USACE on the

effects determination on the Ponding Area on October 23rd and USACE did not receive comments from any other Consulting Parties)

- Lisa Adkins (OSHPO) remarked that the relief wells are unsightly and Seth Lyle (USACE) noted that there is a possibility that the berm may work to remedy that
- OSHPO requested the draft archaeological report prior to commenting on the relief wells, in addition to locations of the wells and toe drain system

Discussion of Future Meetings:

- As plans for the IEIT proceed, further meetings will be held and more information will be presented

Table 1: Meeting Attendees

NAME	ORGANIZATION
Adkins, Lisa	OSHPO Architecture Reviews Manager
Fischer, Hans	ZCA
Gordon, Scott	Mayor, Zoar
Irwin, David	ZLCP
Marconi, Maggie	OHC Historic Sites Manager
Merritt, Betsy (via teleconference)	Deputy general Counsel, National Trust for Historic Preservation
Pansing, Linda	OHC Curator of Archaeology
Schweikart, John	OSHPO Project Review Manager
Shrum, Tammi	Zoar Site Director
Simmons, David	OHC Historic Sites and Facilities
Terrell, Amanda	OSHPO Deputy State Historic Preservation Officer
Tonetti, Al	OAC Trustee
Welling, Diana	OSHPO Department Head
Gatens, Lisa	USACE Civil Engineer
Jones, Greg	USACE Project Manager
Keffer, Andrew	USACE Geotechnical Engineer
Lyle, Seth	USACE Lead Engineer
Moore, Brandon	USACE Project Manager
Nield, Mike	USACE Senior Engineering Geologist
Rutherford, Rebecca	USACE Chief, Environmental Analysis Section
White, Nathan	USACE Archaeologist