

# MEETING MINUTES

<b>Project Name:</b>	Colorado Water Conservation Board (CWCB) Levee Evaluation
<b>Meeting:</b>	Prowers County Levee Review Meeting
<b>Date &amp; Time:</b>	January 19, 2021 from 9:00-10:00 AM
<b>Place:</b>	Webinar: <a href="https://mbakermeet.webex.com/mbakermeet/j.php?MTID=m0ffe19e9f71536508c557ebf37856cad">https://mbakermeet.webex.com/mbakermeet/j.php?MTID=m0ffe19e9f71536508c557ebf37856cad</a> By Phone: 202-860-2110; Meeting number (access code): 179 195 6204; Password: 1234

## 1. Welcome & Introductions

Entity	Attending?	Name	Role
Prowers County	Yes	Michelle Hiigel	Land Use Administrator & FPA
	Yes	Staffon Warn	Emergency Management Director
Granada	Yes	Jackie Malone	Town Clerk
	No	Natalie Musick	Resident/Store Manager
Holly	Yes	Dan Tefertiller	President of Holly Flood Control
	No	Megan Jara	Town Clerk
	(interested?)	Michael Tanner	Town Administrator
Lamar	Yes	Mike Machone	GIS
	Yes	Steve Kil	City Administrator
	No	Craig Brooks	Chief Building Official
	No (later)	Martin Montoya	Water Dpt
	Yes	Pat Mason	Public Works (update)
Wiley	Yes	Debbie Dillon	Town Clerk
CWCB	Yes	Marta Blanco Castaño	Flood Mapping Program Assistant
	Yes	Terri Fead	Floodplain Manager
	No	Kevin Houck	Chief of Watershed & Flood Protection
FEMA	No	Matthew Buddie	Floodplain Mgmt and Insurance Specialist
	Yes	Chris Gaynes	Mapping Lead for CO - Civil Engineer
	Yes	Jamie Prochno	2D/Levee Lead - Senior Civil Engineer
USACE ABQ District	Yes	Devon Aldridge	Flood Risk Program Manager
	Yes	Bruce Jordan	Levee Safety Program Manager
Baker	Yes	Ryan Carroll	Levee Specialist
	Yes	Kevin Doyle	Water Department Manager
	Yes	Geoff Uhlemann	Program Manager

Participants (19)

Search

Geoff Uhlemann  
Host, me

Ryan Carroll

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BJ Bruce Jordan

CR Chris FEMA RV

DT Dan Tefertiller

DW Debbie Dillon Town of Wiley

DA Devon Aldridge

JM Jackie Malone

JP Jamie Prochno

Kevin Doyle

MC Marta Blanco Castano

MM Michael Machone

MH Michelle Hiigel

S staffon

SK Steve Kil

TF Terri Fead

## 2. Goals for Project

**Purpose:** identifying deficiencies and issues that would need to be addressed if it is desired to continue showing protection on FIRMs via levee accreditation. This effort supplements USACE assessments to summarize the items that FEMA looks at for accreditation to be used as a “checklist” for pursuing accreditation.

End goal is to summarize the risk that is present behind the levees.

Relation to Phase 1 (BLE), Phase 2 (Data Development), and Phase 3 (Regulatory Update)

At Phase 2 (looking to kickoff Spring 2020), will proceed with updated mapping behind levees - was formerly secluded (left as-is). Under current condition/documentation, each levee system is not accredited and would need to pursue levee accreditation, otherwise would proceed with *Levee Analysis and Mapping Procedures* (LAMP), options which would not show protection.

### 3. Report Overview

Will have an opportunity to review reports – one per community/system.

Structured/organized report to include background information on program and systems, summary of data inventory, and then

Section 7 follows the levee certification criteria per CFR 65.10 (what FEMA uses to assess certification)

Section 8 is a summary of all findings in each system and recommended next steps

Reviewed analyses performed: inspection, area protected, freeboard, closures, settlement, etc.

### 4. Freeboard Overview

3 ft above 1% annual-chance water surface or base flood elevation (BFE), +0.5 upstream, +1.0 at structures/crossings

*Holly*: depends on flows used, but with recently approved H&H update (2020), no freeboard deficiencies

*Granada*: has some areas of concern and deficiencies

*Lamar*: has more major issues with considerable deficiencies

### 5. Roles & Responsibilities

*Communities*: review reports, determine path forward for levees

*CWCB*: project sponsor and resource for outreach, strategy, and evaluation

*Baker*: contractor/consultant and levee support

*FEMA*: grants, strategy, and evaluation

*USACE*: inspections, analysis, support

### 6. Community Review Period & Actions

30-day review; provide comments, additional data; clarify process and ask questions

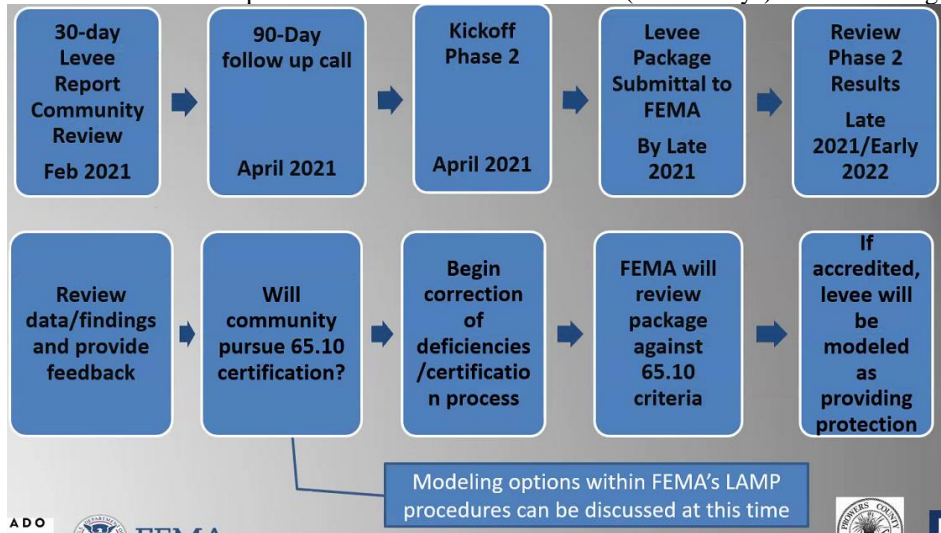
Want reports to be useful and serve as a guide for next steps needed to pursue levee certification

Baker is available for community-specific calls/discussions

### 7. Next Steps & Project Timeline

Review recommended items and make a decision on whether will pursue accreditation or other options (LAMP) that would not show system-wide protection (reach-specific protection)

Can facilitate follow up call with individual communities (~60/90 days) to work through process and assist as needed



If working toward certification, have community-specific discussion to see how data can be incorporated. Will depend on timing whether would delay Phase 2, incorporate LOMR package into PMR, or revise PMR later with LOMR

Funding: consider federal grants (BRIC, HMA, etc.)

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## 8. Discussion / Meeting Adjourn – Thanks for Participating!

Pursuing certification has some of the same analysis, requires licensed PE, could utilize Phase 2 results, might require field activities (Lamar) Steve & Pat inquired about the one reach that is notably out of compliance. Ryan explained it had freeboard issues on the same reach back in 2012. Recalled Olson developing an approximate project cost for resolution.

Steve inquired about the flows in tributaries expected to be changing and the timing. Geoff explained that the BLE modeling generally indicates a decrease in flows from effective results, but that the models have not been reviewed by FEMA yet and are subject to change. Furthermore, hydrology might be refined during a subsequent Phase 2 detailed study. Also, it is important to keep in mind that freeboard is just one component of compliance and that other matters exist that need to be addressed and are not influenced by flows.

Steve was interested in understanding which homes in particular are impacted by potential deficiencies. Geoff and Ryan explained that we can provide a shapefile of the protected areas and that these can be intersected with structure and address information to identify specific homeowners.

Bruce reminded all that levees provide risk reduction, not protection and that this is an important component to messaging. It is still recommended to purchase flood insurance behind levees regardless of whether they are accredited.