

REVISIONS TO CHAPTER 6 OF ENGINEERING GUIDELINES ON EAPS

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Where Is It?

<http://www.ferc.gov/industries/hydropower/safety/guidelines/eng-guide/chap6.asp>



New Section: Schedules for EAP Submittals and Exercises

- EAPs/Reprints
- Exercises
- EAP Status Report
- Verification of Projects Exempt from EAP



EAP Status Report

- Perform Review
- Annual Orientation with Primary EMAs
- Drill
- Test Emergency Equipment
- Updates



Annual Verification of Low Hazard Projects

- Field Reconnaissance
- Request Continued Exemption from EAP
- Verify Information on Contact List (NEW)



EAP Format

- Format Changes – Explain to EMAs & FERC
- Security Measures – Two Versions of EAP?
- Inundation Maps



Inundation Maps

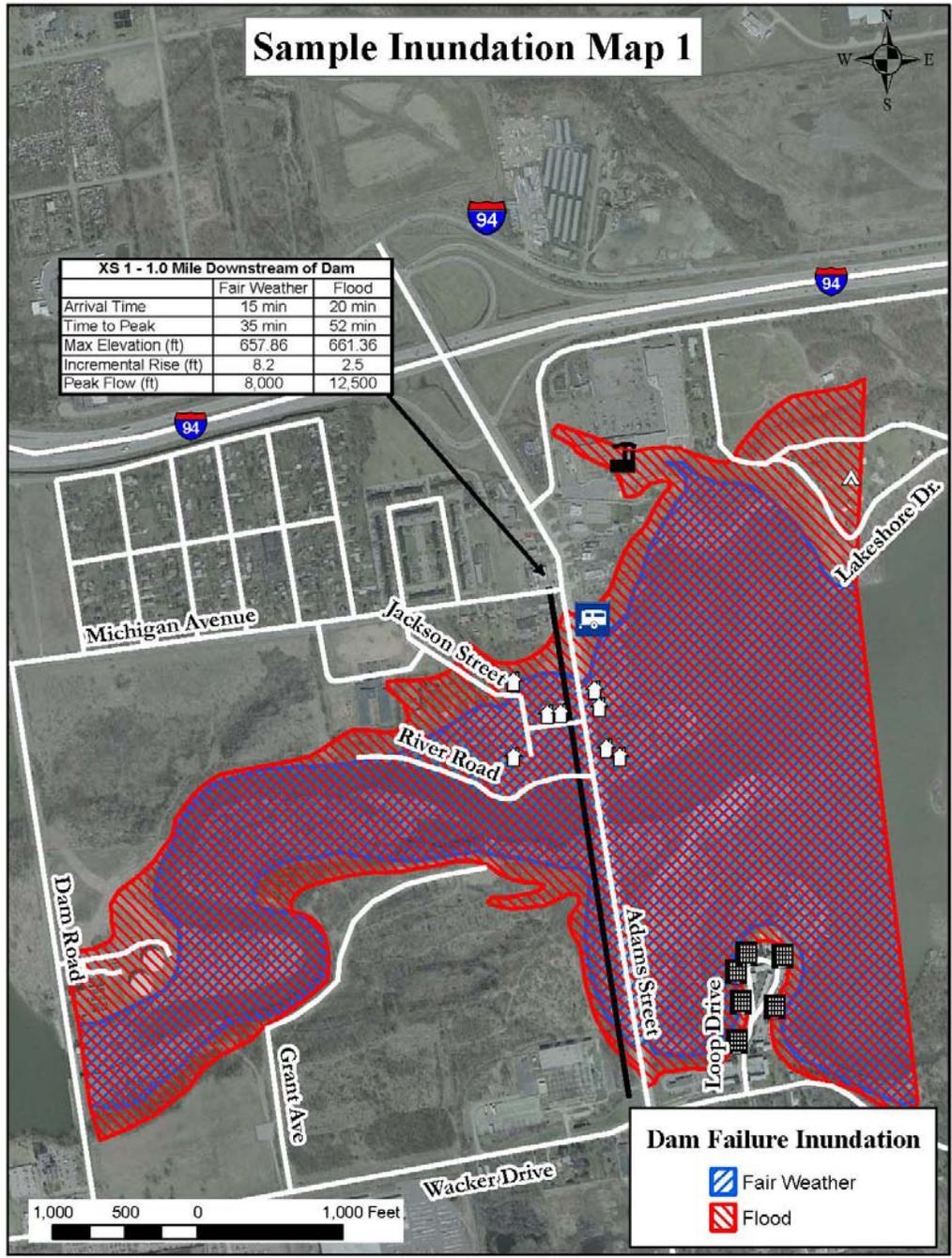
- Recommend Using GIS
- Give Examples



Sample Inundation Map 1



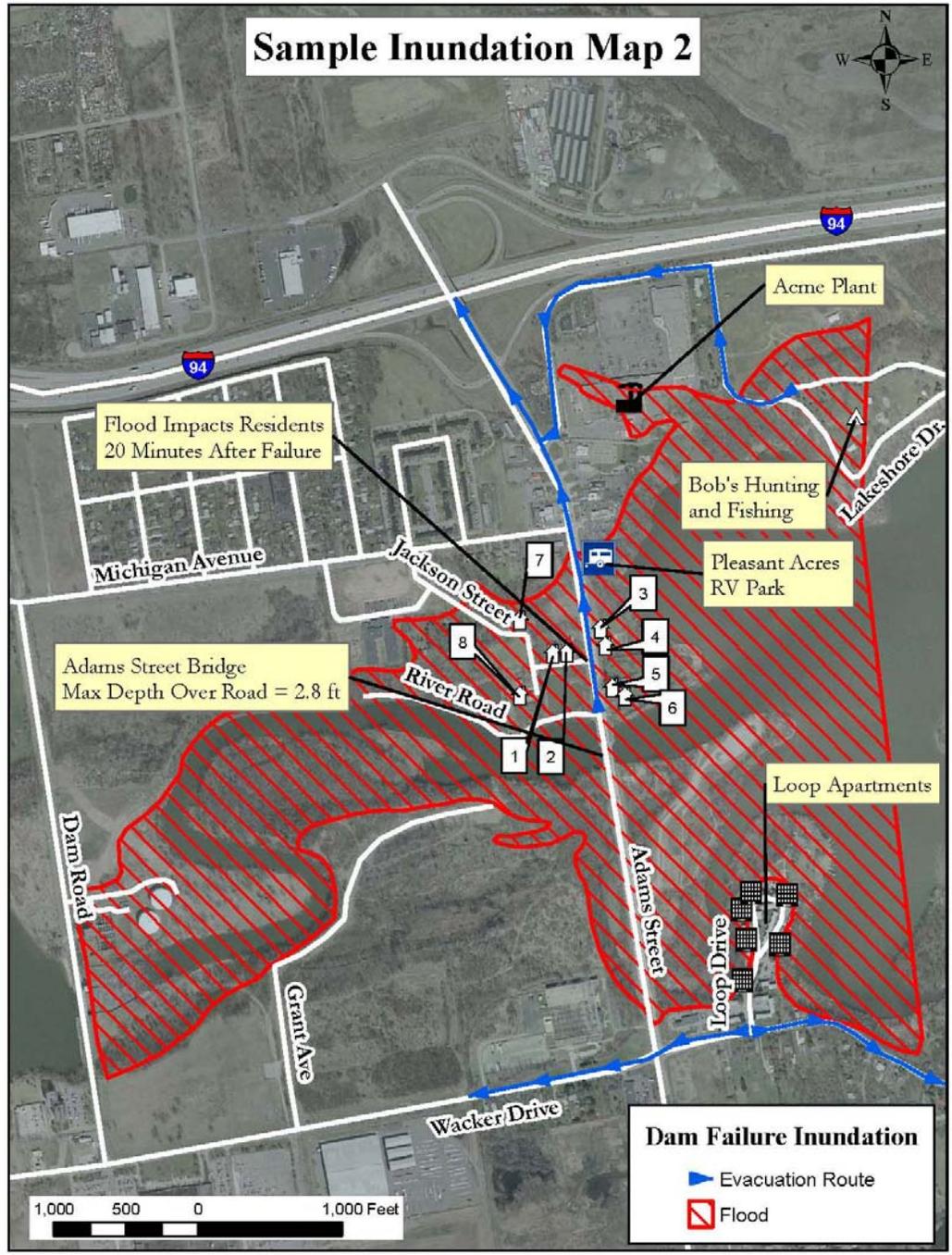
XS 1 - 1.0 Mile Downstream of Dam		
	Fair Weather	Flood
Arrival Time	15 min	20 min
Time to Peak	35 min	52 min
Max Elevation (ft)	657.86	661.36
Incremental Rise (ft)	8.2	2.5
Peak Flow (ft)	8,000	12,500



Dam Failure Inundation

- Fair Weather
- Flood

Sample Inundation Map 2



EAP Exercises

Functional Exercises

- 5 Years within Basin
- Ways to Avoid Too Many Exercises
 - Combine Exercises
 - Alternate Tabletop and Functionals
 - Piggyback on other Exercises



Ensuring Effective EAPs

- Discuss High Risk Areas with EMAs
- Determine If There is Enough Time to Warn and Evacuate Residents
- If Not, What Can Be Done to Decrease Response Times
 - Instruments
 - Reverse 911/Sirens
 - Public Education



Inundation Map Initiative

- Submit Plan and Schedule for:
 - Coordinating with EMAs to See if Digital Files would be Beneficial to Them
 - Developing Files
 - Ensuring Files are Compatible
 - Submitting Files to EMAs and Commission

Help for Inundation Map Initiative

- Post list of FAQs & Sample GIS Files
- Find them at:

<http://www.ferc.gov/industries/hydro-power/safety/initiatives/tips-gismaps.asp>