



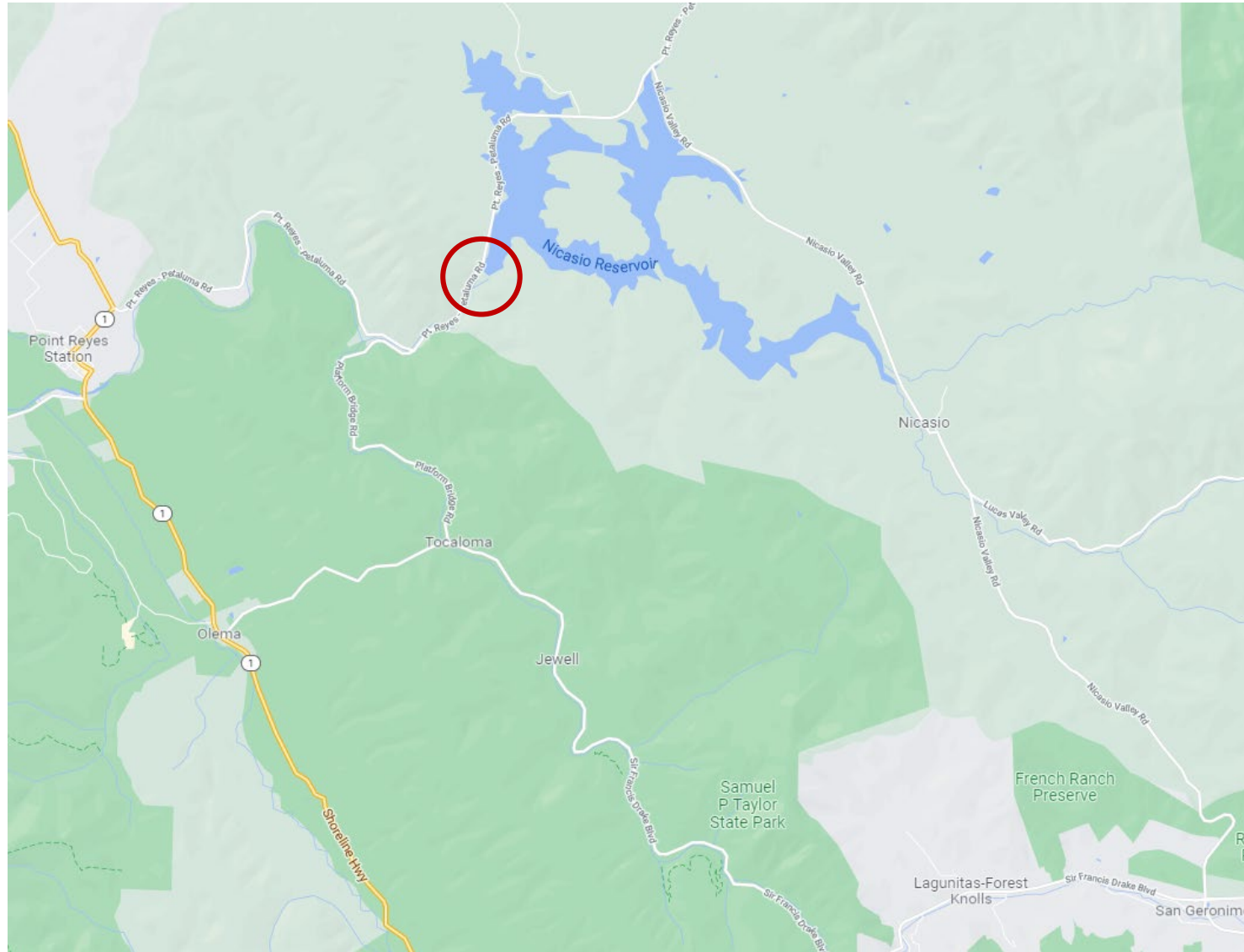
Seeger Dam Spillway Repair Update

Operations Committee

September 17, 2021



Seeger Dam on Nicasio Reservoir



Seeger Spillway Voids

July 19

Voids exposed, compromised material removed



RIGHT



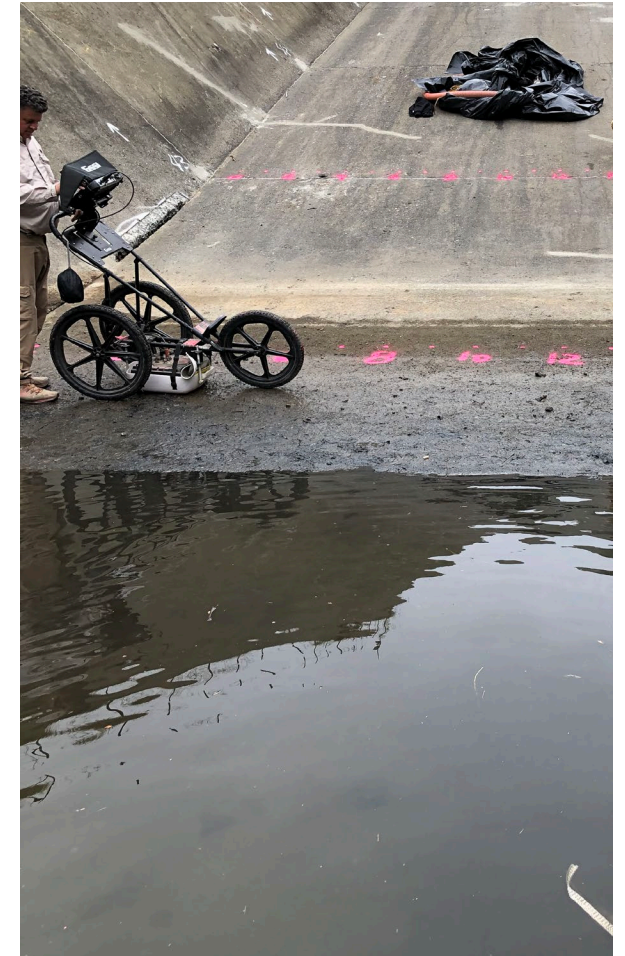
LEFT

July 22

- Miller Pacific Geotechnical onsite
- Recommended Ground Penetrating Radar (GPR) scan to identify extent of the void
- Set up temporary dam to drain flip bucket
- Additional voids identified below waterline
- Constant seepage through new voids

July 28

NorCal Geophysical Consultants onsite for GPR Scan



Drain Flip-Bucket Below Spillway

August 6 – 10

- Outlined drainage plan with MMWD staff
- Notified DSOD of repair work involving rebar

August 13

- Submitted Emergency Work permit with CDFW
- Notified RWQCB

August 18 - 23

- Flip-pool drained
- Preliminary GPR report found no voids beneath concrete surface

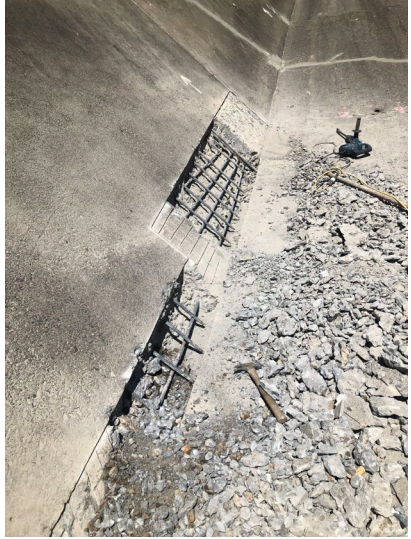
August 24

- DSOD onsite
- Classified voids as minor
- Considered work routine maintenance



Repair Process

August 30 – September 3



1. Voids completely exposed



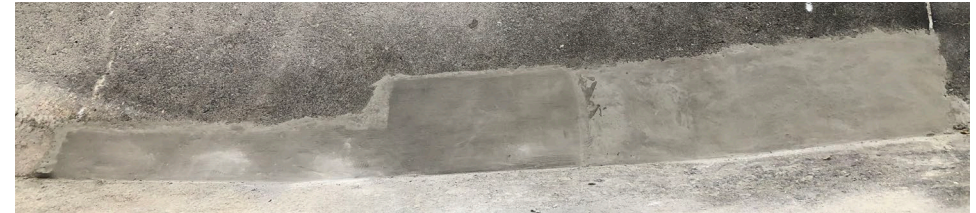
2. Corrosion removed



3. New #6, epoxy-coated rebar tied in,
coated with corrosion inhibitor



4. Low-shrink concrete placed in lifts



QUESTIONS?

