

The attached document was submitted to the
Washoe County Board of Commissioners during
the meeting held on 9-12-17.
by Dwayne Smith
for Agenda Item No. 7
and included here pursuant to NRS 241.020(8).



2017 North Valleys Flood Update

- **UPDATE**
- **PLANNING FOR THE NEXT 10 MONTHS**
- **FLOOD RESPONSE PLAN FOR NORTH VALLEYS
CLOSED HYDRO-BASINS**
- **FLOOD MITIGATION PLAN FOR NORTH
VALLEYS CLOSED HYDROBASINS**
- **NEXT STEPS**



9-12-17

BCC

#7



2017 North Valleys Flood Update

UPDATE

- 16 tagged homes (10 red, 6 yellow), 4 cleared for occupancy
 - Providing housing to 13 families
- HESCO temporary flood barrier
 - Storm water pumps, diver, maintaining protection areas
- Lemmon Drive
 - Portion from Waterash St. south opened Aug 4th
 - Posted 25 mph
 - Prepared to reinstall HESCO when required
- Washoe County and City of Reno
 - Lemmon Drive, Air Race traffic, sewer treatment plants

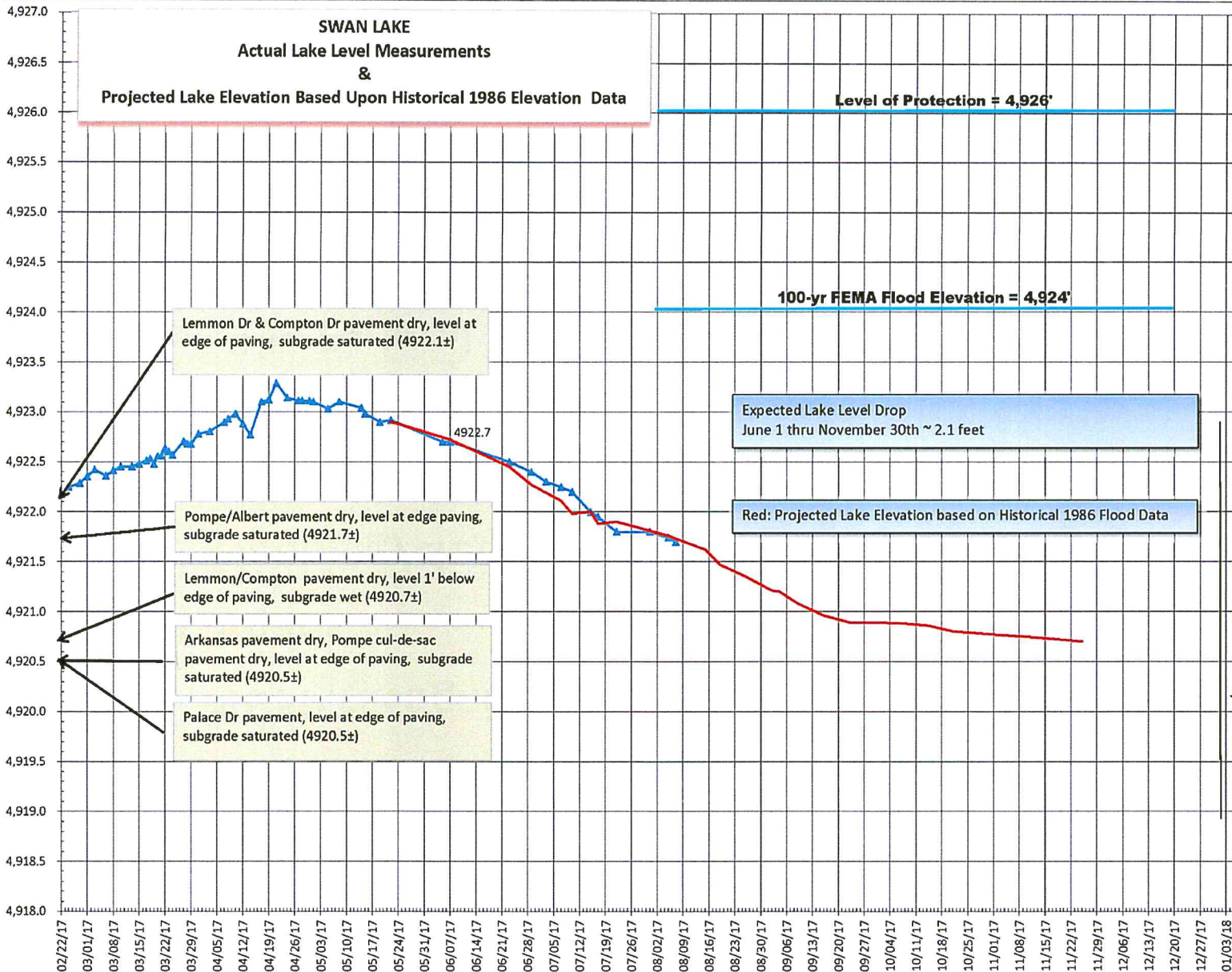


2017 North Valleys Flood Update

UPDATE

- Washoe County Utility
 - Protection of LV Waste Water Reclamation Facility
 - NDEP recognizes proactive work and is satisfied
- WC Roads
 - Cleaning/clearing ditches and culverts
- Health Department
 - Mosquito abatement
- Possible Federal Reimbursement
 - Working with FEMA, FHWA, State of Nevada DEM

LOOK AHEAD AND PLANNING

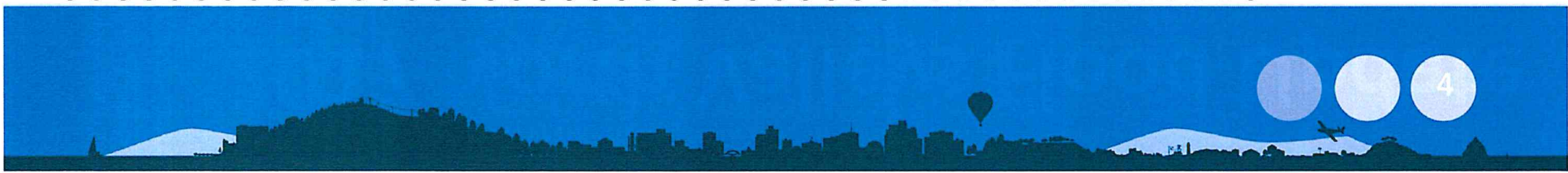


Notes:

1. The lake level projection accounts only for evaporation and does not include further stormwater inputs
2. 1986 Lake Levels obtained from study by Quad-Knopf dated 2007

—▲— Lake Elevation Actual - 2017

— Projected Lake Elevation Using 1986 Lake Elevation Data





2017 North Valleys Flood Update

PLANNING FOR THE NEXT 10 MONTHS

- Maintain HESCO temporary flood barrier
- Respond to storm water
- Maintain sewer treatment plant operations
- Continue working with emergency service providers, State of Nevada, FEMA, FHWA
- Continue communication

**Requirement: Maintain Existing Protection
Level for Area Residents**



2017 North Valleys Flood Update

FLOOD RESPONSE PLAN

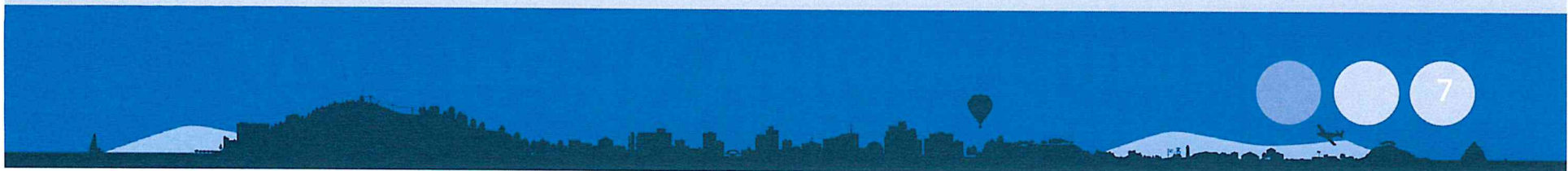
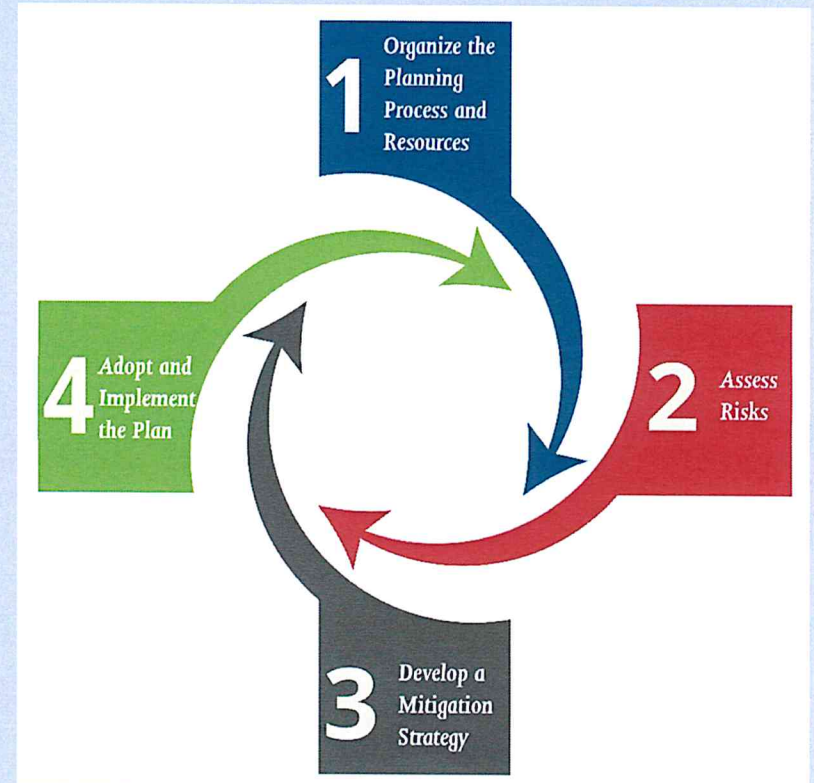
- Goals and objectives
- Situation and risk assessment
- Prevention, protection & preparation
- Monitoring and flood warnings
- Actions on alerts
- Installation of protective measures/evacuation
- Site reoccupation
- Briefing/training/exercising/plan update



2017 North Valleys Flood Update

Flood Mitigation Plan

- Organize the planning process and resources
- Risk assessment (Hazard Identification and Vulnerability)
- Develop mitigation strategy
- Adopt and implement the plan





2017 North Valleys Flood Update

NEXT STEPS

- FEMA Hazard Mitigation Grant Program – possible purchase of certain homes impacted by 2017 presidentially declared February flood
- Review and possible update to development code
- FEMA reimbursement



2017 North Valleys Flood Update

Questions?