

Item 5

SALT AND NUTRIENT MANAGEMENT PLAN FOR THE ANTELOPE VALLEY GROUNDWATER BASIN

ANTELOPE VALLEY
REGIONAL WATER MANAGEMENT GROUP

Lahontan Water Board
November 12, 2014 – Victorville

Jan Zimmerman, Engineering Geologist





OVERVIEW

- Introduction and overview of Item 5, Antelope Valley SNMP – Jan Zimmerman
- Final Antelope Valley SNMP presentation – Erika Bensch, Sanitation Districts of Los Angeles County
- Utility of the Antelope Valley SNMP – Jan Zimmerman
- Staff recommendations – Jan Zimmerman
- Questions and discussion – All

TIMELINE



Antelope Valley Group





ANTELOPE VALLEY SNMP

ANTELOPE VALLEY REGIONAL WATER MANAGEMENT GROUP

- Erica Bensch, Sanitation Districts of Los Angeles County

UTILITY OF AV SNMP

PROS

- Spatial variability of water quality
- Identifies data gaps
- Inform decisions for future S/N discharges
- Proponents of new S/N projects to contribute to implementation of the SNMP

CONS

- Limited in some respects, but good first step
- Groundwater data tends to be skewed towards higher populated areas
- Well construction details unknown for some wells
- Model is limited – averages S/N across entire basin



STAFF RECOMMENDATIONS

1. Accept the Antelope Valley SNMP – no Basin Plan amendment required at this time
2. Concur that EO send letter of acceptance to AV IRWM Group
3. Encourage the Group to refine the model over time as new data become available – “Adaptive Management Strategies”
4. Request Antidegradation Analysis for the Antelope Valley Banking Project – Neenach sub-basin
5. Reconsider our general approach of not regulating aquifer recharge projects – assimilative capacities and S/N loading



QUESTIONS AND DISCUSSION

1. Comments/questions/discussion
2. Do Board members concur with recommendations?

THANK YOU!