



Department of Water Resources

ADJUDICATED BASINS ANNUAL REPORTING SYSTEM

Antelope Valley Annual Report 01/01/2016 - 12/31/2016

WATERMASTER INFORMATION

Adjudicated Area B.118 Groundwater Basin(s)
Antelope Valley 6-044 ANTELOPE VALLEY

COURT CASE INFO

Case Name	Case Number	Case Date
Antelope Valley Groundwater Cases, California Superior Court, Los Angeles County	1-05-CV-049053	10/29/1999

WATER MANAGER OR WATERMASTER

Name	Address	City	Zip
Antelope Valley	P.O. Box 3025	Quartz Hill	93586
Email	Phone	Fax	
Watermaster@avek.org	661-943-3201	661-943-3204	

POINT OF CONTACT

Name	Address	City	Zip
Phyllis Stanin	2490 Mariner Square Loop, Suite 225	Alameda	94501
Email	Phone	Fax	
pstanin@toddgroundwater.com	510-747-6920		

Final Judgement/Amendments

[Judgment Exhibit.zip \(9.4MB\)](#)

Adjudication Boundary

[Adjudicated Basin Shapefile.zip \(790.9kB\)](#)

Additional Information Website

<http://www.avek.org>

A GROUNDWATER LEVEL

Is water level data submitted to the CASGEM Program?

Yes

Does this watermaster collect or receive additional groundwater levels?

Yes

Does this watermaster measure groundwater levels?

No

Comment(s)

Watermaster cooperates with the Antelope Valley State Water Contractors monitoring program conducted by the USGS.

B

GROUNDWATER USE

Reporting Period

From 01/01/2016 To 12/31/2016

Total Annual Groundwater Extraction (AF)

Method used to determine extraction (if available):

	Volume (AF)	Explanation	Uncertainty
Meters		Production by Non-Overlying Producers on Exhibit 3 of the Judgment plus Federal, State, City of Lancaster, and Phelan Pinon Hills CSD (Appendices E and J of 2016 Annual Report).	Low
Electrical records			
Land use			
Groundwater model			
Reported by pumper		Production by Overlying Producers (Exhibit 4 of the Judgment and Appendix F of the 2016 Annual Report). Only 45% of the Producers reported production for 2016; total amount is higher than shown.	High
Other method		Estimated production by small pumper class as provided in the Judgment based on an average of 1.2 AF for 3,172 known Small Pumpers.	High

Groundwater Extraction by water use sector (if available):

Sector	Volume (AF)	Explanation	Uncertainty
Urban			
Large Landscape			
Commercial			

Industrial
Residential
Agricultural
Managed Wetlands
Managed Recharge
Other sector

C SURFACE WATER USE

Reporting Period

From 01/01/2016 To 12/31/2016

Surface Water Supply (AF)

Method used to determine

Reported by SWP water importers and wastewater treatment agencies - see Appendices G and I of 2016 Annual Report

Uncertainty

Low

Water available for recharge or in-lieu use by source type (if available):

	Volume (AF)	Explanation	Uncertainty
Local Surface Deliveries		None in 2016	
Local Imported Deliveries			
Colorado River Deliveries			
CVP Base and Project Deliveries			
Other Federal Deliveries			
State Water Project Deliveries		SWP water imported by AVEK, Palmdale Water District and Littlerock Creek Irrigation District (see Appendix G of 2016 Annual Report)	Low
Recycled Water		Use of recycled water from Lancaster WRP, Palmdale WRP, and Edwards AFB-Main Plant (see Appendix I of 2016 Annual Report)	Low
Desalination Water			
Other			

D

TOTAL WATER USE

Reporting Period

From 01/01/2016 To 12/31/2016

Total Water Use (AF)

Method used to determine

Groundwater use plus direct imported water use (see Appendix G of 2016 Annual Report) plus recycled water use (see Appendix I of 2016 Annual Report). Note that 2016 groundwater use has not been reported by all users.

Uncertainty

Medium

Total water Use by water use sector (if available)

	Volume (AF)
Urban	
Large Landscape	
Commercial	
Industrial	
Residential	
Agricultural	
Managed Wetlands	
Managed Recharge	
Other sector	

Water use met by source type

Type	Volume (AF)
Groundwater	
Surface water	
Recycled or reused water	
Other	

E

CHANGE IN GW STORAGE

Reporting Period

From 01/01/2016 To 12/31/2016

Change in storage (AF)

Method used to determine

See Section 3.2.3.2 of 2016 Annual Report

Uncertainty

High

F REQUIRED DOCUMENTS

Reporting Period

From 01/01/2016 To 12/31/2016

Please submit an electronic (PDF preferred) copy of your annual report.

[DWR letter 3-31-17.pdf \(296.6kB\)](#) Uploaded on 03/31/2017 at 01:49PM

Please submit additional reports or documents.



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Last Modified: 02/09/2016