

**LOS ANGELES DEPARTMENT OF WATER AND POWER
ANNUAL OWENS VALLEY REPORT**

**Annual Owens Valley Operations Plan for Runoff Year 2008-09
Conditions of Owens Valley
Status of 1991 Environmental Impact Report Mitigation Measure
Status of Other Studies, Projects, and Activities**

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TABLE OF CONTENTS

Summary	iv
1. Introduction	
1.1 Water Agreement	1-1
1.2 Annual Operations Plan Obligations of Agreement	1-1
1.3 1997 Owens Valley MOU	1-2
1.4 1991 Owens Valley EIR Monitoring Program	1-2
1.5 2004 Amended Stipulation and Order	1-3
2. Annual Owens Valley Operations Plan for Runoff Year 2008-09	
2.1 Owens Valley Runoff Forecast	2-1
2.2 Owens Valley Groundwater Production	2-4
2.3 Owens Valley Uses (Including Enhancement/Mitigation Projects)	2-27
2.4 Aqueduct Operations	2-30
2.5 Water Exports to Los Angeles	2-30
3. Conditions in the Owens Valley	
3.1 Well On/Off Status	3-2
3.2 Wellfield Hydrographs	3-2
3.3 Precipitation Record and Runoff Forecast	3-11
3.4 Owens Valley Water Supply and Use	3-15
3.5 Owens Valley Vegetation Conditions	3-21
3.6 Bishop Cone Audit	3-23
3.7 Reinhackle Spring Monitoring	3-23
3.8 Water Spreading in the Owens Valley	3-25
3.9 Owens Lake Dust Mitigation	3-25
4. Enhancement/Mitigation Project Status	4-1
5. 1991 Owens Valley Environmental Impact Report (EIR) Mitigation Measures Status	5-1
6. Status of Other Studies, Projects, and Activities	

6.1	Irrigation Project in the Laws Area 2007 Progress Report	6-1
6.2	Mitigation Monitoring Report for the Irrigation Project In the Laws Area	6-4
6.3	Mitigation and Monitoring Report for the Big Pine Area	6-12
6.4	Agreement Provisions	6-14
6.5	Provisions of the MOU	6-21
6.6	Cooperative Studies	6-29
6.7	Revegetation/Regreening Project, Progress, and Proposed Future Work	6-34
6.8	Mitigation Monitoring and Reporting Program for the Lower Owens River Project	6-40

TABLES

1	Owens Valley Runoff Forecast for 2008-2009 Runoff Year	2-2
2	Soil/Vegetation Water Balance Calculations for April 2008 According to Section III of the Green Book	2-6
3	Available Pumping Capacity According to Monitoring Sites with ON Status and Planned Pumping for Runoff Year 2008-2009	2-7
4	Summary of Recharge and Pumping in AF for Water Year 1989-2007 And Estimated Apr-Sep 2008 Pumping Limit	2-9
5	Measured Depth-to-Water in April 2007, April 2008, and Forecast For April 2009 in Selected Monitoring Wells	2-10
6	Exempt Wells in Owens Valley	2-11
7	Planned Monthly Wellfield Pumping for 2008-09 Runoff Year in AF	2-12
8	Historic (1981-82) and Projected (2008-2009) Water Uses in the Owens Valley [ac-ft]	2-28
9	Owens Valley Groundwater Pumping for Production and E/M Wells (1984-2008)	2-29
10	Planned Los Angeles Aqueduct Operations for 2008-09 Runoff Year	2-31
11	Owens Valley Monitoring Site Status (ON/OFF) as of April 2008	3-4
12	Eastern Sierra April 1, 2008 Snow Survey Results	3-12
13	Owens Valley Precipitation during RY2007-08	3-13
14	Owens Valley Water Supply and Uses	3-16

15	Owens Valley Water Uses for 1985-86 through 2007-08 and Planned 2008-09 Runoff Year	3-19
16	Water Supplied to Enhancement/Mitigation Projects During 2007-2008 Runoff Year	3-20
17	Reinhackle Spring Flow in cfs During 2007-08 Runoff Year	3-24
18	Spreading Activities in the Owens Valley During 2006-07 Runoff Year	3-26
19	E/M Project Status	4-2
20	1991 Owens Valley EIR Mitigation Measures	5-2
21	Laws Area Mitigation and Monitoring Program	6-9
22	Big Pine Area Mitigation and Monitoring Program	6-13
23	Agreement Provisions	6-15
24	MOU Provisions	6-22
25	Cooperative Studies	6-30
26	Revegetation/Regreening Projects, Progress, and Proposed Future Work	6-35

FIGURES

1	Owens Valley Runoff and Groundwater Pumping	2-3
2	Owens Valley Pumping Allowed Under Water Agreement and Actual Pumping	2-8
3	Laws Wellfield	2-14
4	Bishop Cone Wellfield	2-15
5	Groundwater Extraction (flowing & pumping) and Water Use on Los Angeles Owned Land on Bishop Cone	2-16
6	Big Pine Wellfield	2-18
7	Taboose-Aberdeen Wellfield	2-21
8	Thibaut-Sawmill and Independence-Oak Wellfields	2-22
9	Bairs-Georges and Symmes-Shepherds Wellfields	2-25
10	Lone Pine Wellfield	2-26
11	Water Export from Eastern Sierra to Los Angeles	2-32
12	Sources of Water for the City of Los Angeles	2-33
13	Summary of Owens Valley Conditions	3-3
14a	Depth to Water from April 1985 to April 2008 – Laws Well Field	3-5

14b	Depth to Water from April 1985 to April 2008 – Big Pine and Bairs-Georges Well Fields	3-6
14c	Depth to Water from April 1985 to April 2008 – Taboose–Aberdeen Well Field	3-7
14d	Depth to Water from April 1985 to April 2008 – Thibaut-Sawmill Well Field	3-8
14e	Depth to Water from April 1985 to April 2008 – Independence-Oak Well Field	3-9
14f	Depth to Water from April 1985 to April 2008 – Symmes-Shepherds Well Field	3-10
15	Owens Valley Runoff – Percent of Normal	3-14
16	Owens Valley Water Supply and Uses	3-17
17	Los Angeles Aqueduct Water Supply	3-18
18	Owens Valley Vegetation Conditions	3-22
19	Water Use by Owens Lake Dust Mitigation Activities	3-26

APPENDICES

A The Bishop Cone Audit for the 2006-2007 Runoff Year

SUMMARY

This report includes LADWP's proposed Owens Valley operations plan for the 2008-09 runoff year, an update on Owens Valley conditions, the current status of LADWP's environmental and mitigation projects, and other studies, projects, and activities.

Owens Valley Annual Operations Plan Summary

For the period of April 1, 2008 to March 31, 2009 the forecast Owens Valley runoff is 356,100 acre-feet, or 86% of normal. According to the well ON/OFF provisions of the Water Agreement, approximately 144,000 acre-feet of water is available for groundwater pumping from Owens Valley wellfields. Currently, LADWP pumping is governed by the ON/OFF provisions of the Water Agreement and the Interim Management Plan (IMP) agreed upon by Inyo County and LADWP. Accordingly, LADWP's planned pumping is limited to 66,800 acre-feet for 2008-09 runoff year.

Owens Valley Conditions

The 2008-09 runoff year is forecast to be below normal. The overall Eastern Sierra snow pack as of April 1, 2008 was 97% of normal. However, precipitation on the valley floor has been above normal with approximately 6.60 inches (mainly due to a storm event in early January 2008) as compared to the long-term average of 5.97 inches. Despite last year's below normal runoff, the overall vegetation cover in the Owens Valley remained above the mid-1980's baseline conditions in 2007. Similarly, groundwater levels in the wellfields generally remained stable mainly due to minimal pumping by LADWP.

During 2007-08 runoff year the Lower Owens River reached full operation status with minimum average flows of 40 cfs measured at all gauge stations. The total water use by the Lower Owens River, the delta, and the Blackrock waterfowl habitat was approximately 23,000 acre-feet for the year. The releases at the Los Angeles Aqueduct (LAA) intake is augmented through additional releases at the Independence, Blackrock, Georges, Locust, and Alabama spillgates to maintain an average continuous flow of at least 40 cfs in the river channel.

Construction of Owens Lake Dust Mitigation Measures continued during 2007-08 runoff year. With the additional areas covered by the Dust Control Project, water demand by the project continued to increase with total water use of 66,000 acre-feet during 2007-08 runoff years.

Enhancement/Mitigation Project Status

The enhancement/mitigation projects discussed in this report are environmental projects that were implemented prior to the 1991 EIR, used to evaluate a long term groundwater management plan in the Owens Valley. Some of these projects were identified in the EIR as mitigations for impacts due to LADWP's water gathering activities. There are 26 projects identified as enhancement/mitigation measures; 24 of these have been completed or are being implemented, and two are in the final planning stages.

Mitigation Project Status

There are 42 mitigation projects identified for thirteen impacts in the 1991 Owens Valley EIR. Twenty-nine of these projects have been completed or are being fully implemented. Ten of the mitigation projects are currently partially implemented, as they are in the process of being constructed or are being revegetated. Three projects are in the planning phase.

Other Studies

Inyo County and LADWP are jointly working toward the completion of nine cooperative studies to develop a better understanding of Owens Valley natural resources and their connection to LADWP water gathering activities.

The status of the Mitigation Monitoring and Reporting Programs for the Laws Irrigation Project, Well 415 in Big Pine, and the Lower Owens River Project (LORP) have been updated. The status on implementation of the 1991 Water Agreement and the 1997 MOU provisions has also been updated.