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INYO COUNTY

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9 SUPERIOR COURT OF THE STATE OF CALIFORNIA
10 COUNTY OF INYO

12 SIERRA CLUB, and OWENS VALLEY)
13 COMMITTEE,)

14 Plaintiffs,)
15 vs.)

16 CITY OF LOS ANGELES, et al,)

17 Defendants.)

CASE NO.: S1CVCV01-29768

(The Honorable Lee Cooper, Assigned)

LADWP'S REPORT TO THE COURT
PURSUANT TO SECTION 2(G) OF THE
AUGUST 9, 2005 COURT ORDER

Due Date: October 5, 2006

18 CALIFORNIA DEPARTMENT OF FISH)
19 AND GAME and CALIFORNIA STATE)
20 LANDS COMMISSION,)

21 Real Parties in Interest and)
22 Cross-Complainants.)

FAX FILE

23 COUNTY OF INYO and DOES 51 - 100)
24 Real Party in Interest)
25

TO THE COURT, THE SPECIAL MASTER, ALL PARTIES AND THEIR ATTORNEYS:

In accordance with Paragraph 2(G) of the Court's Order of August 9, 2005 ("Court Order"), LADWP hereby submits this report setting forth the progress LADWP is making towards implementation of the LORP and reporting the amounts of groundwater pumping, water supplied for groundwater recharge, and water supplied for in-valley uses.

I. PROGRESS REPORT TOWARDS THE IMPLEMENTATION OF LORP

LADWP continues to make progress towards the implementation of LORP in a manner consistent with meeting the deadlines established by the Court Order. In fact, LADWP anticipates to release initial flows into the Lower Owens River in December 2006 ahead of the January 25, 2007 deadline established by the Court Order. The significant events which occurred during the period of September 1 through September 30, 2006 demonstrating the progress made are as follows:

A. Activities at Intake

All major work is complete at the aqueduct intake. The Portadam was completely removed in early September. The Langemann gate and area velocity meter are calibrated and ready for flows. Minor guardrail and fencing activities continue and will be complete by the end of October.

B. Channel Clearing and Obstructions

As previously reported, five of the six channel obstructions which needed to be removed have been removed. The bridge foundation south of Mazourka Canyon Road has been broken apart by blasting and will be removed in October. The initial two miles of river channel have been cleared.

C. Blackrock Waterfowl Area.

The designated work is now 85% complete. The berm work is 100% complete. Staff gauges need to be placed and water control structures need to be installed. There is some minor ditch work scheduled.

///

D. Measuring Stations

1
3 As previously reported, work at the Reinhackle Springs measuring station has now also been
4 completed, with the exception of electronics which will be placed just prior to initial flows. Keeler Bridge
5 measuring station is approximately 95% complete. Work is scheduled for completion by the end of the week.
6 The two temporary measuring stations in the delta will be installed this month.

E. Pump Station

8
9 The pump station work continues on schedule. The contractor has two remaining top decks of sections
10 to place on the pump station structure. The pump station concrete work is approximately 95% complete.
11 95% of the embedded conduits in the pump station deck slab are in place. The pump station forebay is in
12 place and operable.

14 Progress continues on the air chamber with 90% percent of the concrete having been placed.
15 Fabrication on the 24' diameter steel sphere began on September 18, 2006. The Langemann gate has been
16 installed. The diversion structure is 95% complete with minimal rip-rap placement remaining. Electrical
17 components have been arriving for the pump station control room. The flow meter vault pipe section is
18 installed and only 100' of pipe placement remains between the air chamber and the 60" mainline.
19

F. Beaver Dam Removals

21
22 No dam removals are scheduled at this time. However, trapping efforts have been increased to try
23 and control the beaver population prior to flows being initiated.
24

G. Ecosystem Sciences' Activities

25
26 ESI reports that during the month of September they continued with the implementation of the LORP
27 at a pace consistent with meeting the respective deadlines. During September ESI assessed the progress at
28

1 Blackrock and other implementation work, assessed methods for measuring and describing water spreading
3 and further assessed acreage for Blackrock Waterfowl Management Area, and the Winerton/Thibuat first
4 phase implementation. ESI also worked on Newsletter 3.

5 ESI further reviewed and edited the LORP Monitoring, Adaptive Management and Reporting
6 document was reviewed and edited. ESI spent time performing tasks like editing and formatting Chapter
7 1 (Introduction) of the Monitoring Methodologies document. ESI also began compiling all the GIS data
8 that was used in drafting the first two drafts of the Monitoring and Adaptive Management document. ESI
9 expect this data to be compiled and disseminated to the MOU parties prior to the Monitoring and Adaptive
10 Management meeting in late October. ESI also performed work on the long term monitoring details. This
11 included specific tasks for post implementation procedures for the first 6-12 months as well as post
12 implementation monitoring needs including manpower estimates. Work was completed on the LORP
13 Monitoring Costs and Labor estimates related to post implementation procedures. Field methods for
14 evaluating flooding extent at Blackrock Waterfowl Management Area were developed in order to conform
15 to MOU direction and subsequent agreements.

18 Additionally, ESI spent time preparing for the upcoming Monitoring and Adaptive Management
19 workshop with ICWD and LADWP staff which will occur late in October. ESI reviewed the document in
20 an effort to thoroughly understand it so that it could respond to MOU members' questions. Specifically, ESI
21 reports researching the rapid assessment portion of the monitoring program, replication, habitat analyses,
22 thresholds, statistical methods, reporting dates, future analysis and future mapping methods for vegetation
23 and habitat monitoring. To best answer MOU party member's ESI reviewed the rapid assessment program
24 and compared it with similar programs, researched new imagery for possible use in future mapping efforts,
25 and techniques for habitat mapping.

27 ESI reports that all of its work is progressing on schedule for compliance with the Court imposed
28 deadlines.

II. GROUNDWATER PUMPING AND RECHARGE AMOUNTS FOR AUGUST 2006

In accordance with Paragraph 2(G)(1-3) of the Court Order, LADWP hereby reports the required information regarding groundwater pumping, water used for recharge, and in-valley water uses for the month August 2006.

The total amount of groundwater pumping for the month of August 2006 was 5,831 acre feet of water. This brings the cumulative pumping amount for the 2006-07 runoff year to 27,450 acre feet of water. Exhibit A sets forth an itemization of the stated pumping amount by well field and well number. Please note that there is a revision to the groundwater pumping figures reported for June and July 2006. The total figure reported for pumping activities in June 2006 is further revised downward from 5,491 to 5,487 acre feet and the amount for July 2006 is revised downward from 5,050 acre feet to 5,007 acre feet. These revisions are based upon the re-analysis of data in the normal course of operations. The amount of water pumped in July from Well 401 in the Independence-Oak well field initially reported as 46 acre-feet was actually 1 acre foot and the amount pumped from Well 399 in the Laws well field initially reported as 0 acre feet was actually 2 acre feet. The revised figures are reflected in Exhibit A.

During the month of August 2006, 1,819.5 acre feet of water were provided for the recharging of groundwater levels in the Laws Wellfield as reflected in the attached Exhibit B. For the 2006-07 run-off year LADWP has provided a total of 17,740.5 acre feet of water in the Laws Wellfield for the recharging of groundwater levels pursuant to Section 2(B) of the Court Order requiring the provision of 16,294 acre feet of water for recharge for the 2006-07 water year. With its recharge activities in the month of August 2006, LADWP is pleased to announce that it has fully complied with the requirements of Section 2(B) of the Court Order for the 2006-07 water year.

As to water supplied by LADWP for in-valley uses, Exhibit C attached hereto sets forth the amounts of water provided for irrigation and stockwater to lessees, recreation and wildlife, tribal uses, and enhancement and mitigation projects, as required by Paragraph 2(G)(3) of the Court Order. As noted in the

1 Exhibit C, the amount for tribal uses does not include tribal domestic uses. This is due to the fact that the
3 figures for tribal domestic uses are self reported by the respective tribes and have not been reported by them.

4 This concludes LADWP's Report to the Court.

5 Respectfully submitted,

6 Dated: October 5, 2006

ROCKARD J. DELGADILLO, City Attorney
RICHARD M. BROWN, General Counsel, Water and Power

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9 

By _____
JOSEPH A. BRAJEVICH
Deputy City Attorney

11
12 Verification By General Manager

13 I, Ronald F. Deaton declare, under the penalty of perjury, that I am the General Manager of the Los Angeles
14 Department of Water and Power and that I have read the above report and hereby verify that to the best of
15 my knowledge the information contained in this report is accurate and complete. This verification is based
upon information which has been provided to me by Department of Water and Power staff, which I believe
to be complete and accurate.

16 Dated: October 5, 2006

17 
18 _____
19 Ronald F. Deaton, General Manger

Groundwater Pumping

Well Field	Well #	Apr-06 (af)	May-06 (af)	Jun-06 (af)	Jul-06 (af)	Aug-06 (af)	Cumulative Runoff Year (af)
Laws	236	85	228	227	236	231	1007
	239	0	0	0	0	0	0
	245	0	0	0	0	74	74
	247	0	0	0	0	0	0
	365	88	77	74	61	74	374
	354	1	2	3	3	5	14
	377	0	0	0	0	0	0
	387	0	0	0	0	102	102
	388	0	0	0	0	232	232
	399	0	0	1	2	2	5
	Subtotal	174	307	305	302	720	1808
Bishop Cone	140	133	213	208	155	155	862
	371	55	2	0	0	83	140
	406	74	26	114	140	0	354
	407	67	3	0	0	0	70
	408	119	98	103	42	44	408
	410	112	4	0	0	166	282
	411	85	4	0	0	167	256
	412	80	3	0	0	0	83
		Subtotal	725	353	423	337	615
Big Pine	218	0	0	0	0	0	0
	219	0	0	0	0	0	0
	222	0	0	0	0	0	0
	223	0	0	0	0	0	0
	232	0	0	0	0	0	0
	330	561	587	577	609	624	2958
	332	1080	1105	1080	1125	1133	5503
	341	28	50	63	69	68	278
	352	0	0	0	0	0	0
		Subtotal	1649	1742	1720	1803	1825
Bairs-Georges	348	0	0	0	0	0	0
	403	0	0	0	0	0	0
		Subtotal	0	0	0	0	0
Independence-Oak	59	157	170	166	175	176	844
	60	289	297	269	176	380	1391
	61	132	166	160	167	166	791
	65	217	222	209	218	221	1087
	401	314	323	284	1	0	922
	357	36	52	64	66	65	283
	383	150	152	145	153	154	754
	384	84	86	80	86	87	427
	Subtotal	1379	1468	1381	1042	1229	6499
Symmes-Shepherd	69	0	0	0	0	0	0
	75	0	0	0	0	0	0
	345	0	0	0	0	0	0
	393	0	0	0	0	0	0
	402	196	187	199	181	172	935
	Subtotal	196	187	199	181	172	935
Taboose-Aberdeen	118	76	166	152	0	0	394
	349	204	77	73	74	76	504
	370	1	1	3	0	0	5
	Subtotal	281	244	228	74	76	903
Thibaut-sawmill	103	18	0	0	0	0	18
	104	10	0	0	0	0	10
	382	0	0	0	0	0	0
	351	1053	1092	1063	1100	1019	5327
	358	0	0	0	0	0	0
	Subtotal	1079	1092	1063	1100	1019	5353
Lone Pine	344	48	88	70	0	0	186
	346	0	0	12	87	87	186
	390	80	73	85	81	88	388
		Subtotal	108	141	153	168	175
	Total	5591	5534	5487	5007	5831	27450

EXHIBIT A

Groundwater Recharge in Laws

Apr-06 (af)	May-06 (af)	Jun-06 (af)	Jul-06 (af)	Aug-06 (af)	Cumulative Runoff Year Apr-Mar 2006/07 (af)
2137	4355	5064	4365	1819.5	17740.5

Groundwater Recharge in Laws Wellfield
Diversion from the Owens River
August, 2006

(All Values in Acre Feet)

August	3218 Upper Mc.	3219 Lower Mc.	Fish Slough to Recharge	River to Recharge	Total Recharge	Divert to Irrigation
1	79.34	79.34	-4.96	167.17	162.21	0
2	79.34	79.34	-4.69	158.68	153.99	0
3	79.34	79.34	-11.69	158.68	146.99	0
4	79.34	79.34	-12.22	158.68	146.46	0
5	79.34	73.98	0.06	153.32	153.38	0
6	79.34	75.57	0.48	154.91	155.39	0
7	79.34	52.76	0.1	132.1	132.2	0
8	79.34	6.33	-2.24	85.79	83.55	0
9	79.34	0	0	106.54	106.54	0
10	79.34	0	0	114.49	114.49	0
11	79.34	0	0	122.58	122.58	0
12	79.34	0	0	116.23	116.23	0
13	79.34	0	0	98.22	98.22	0
14	79.34	0	0	88.03	88.03	0
15	39.24	0	0	39.24	39.24	0
16	0	0	0	0	0	0
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	0	0
31	0	0	0	0	0	0
Total	1150	528	-35.16	1854.66	1819.5	0

Total recharge exceeds total diverted from river due to water stored in canals on August 1

EXHIBIT B

Owens Valley Water Uses

	Apr-06 (af)	May-06 (af)	Jun-06 (af)	Jul-06 (af)	Aug-06 (af)	Cumulative Runoff Year (af)
Irrigation	3593	8878	7977	11672	10438	42558
Stockwater	973	1055	1104	1127	1071	5330
Recreation & Wildlife	445	1430	1492	1237	949	5553
Tribal Uses (Bishop, Big Pine, Lone Pine)	289*	523*	588*	613*	559*	2550*
Enhancement & Mitigation						
Project	Apr-06 (af)	May-06 (af)	Jun-06 (af)	Jul-06 (af)	Aug-06 (af)	Cumulative Runoff Year (af)
McNally Canals Conveyance Losses	0	0	0	0	0	0
McNally/Laws/Poleta Native Pasture Lands	156	402	123	113	57	851
McNally Ponds	0	0	0	0	0	0
Laws Historic Museum	0	0	0	0	0	0
Klondike Lake	0	0	126	107	54	287
Lower Owens River	348	814	889	1448	887	4364
Independence Pasture Lands	373	349	318	320	492	1852
Independence Springfield	309	332	259	292	317	1509
Independence Ditch System	30	31	30	31	31	153
Independence Woodlot	30	28	28	27	29	142
Shepherd Creek Alfalfa Lands	193	178	173	165	163	872
Lone Pine Park/Richards Field	136	129	156	157	78	656
Lone Pine Woodlot	6	20	18	19	33	96
Lone Pine Van Norman Field	60	73	88	81	88	388
Lone Pine Regreening	3	46	38	3	9	97
Total Enhancement & Mitigation	1642	2402	2242	2763	2218	11267

* - Does not include Tribal domestic use

EXHIBIT C