

PALMDALE WATER DISTRICT WATER TREATMENT PLANT

General Physical Analysis

	#	Time	Date	Sample Location	Color	pH	Temp.	E.C.	Turb.	Alkalinity	NH3	TOC	Total Colifom	Fecal Coliform	FI ⁻	Cl ⁻	NO ₃ ⁻	SO ₄ ⁻
						units	°F / °C	uS	NTU	mg/L	mg/L	mg/L	MPN/100ml	MPN/100ml	mg/L	mg/L	mg/L	mg/L
	1	7:50	6/2/03	Littlerock Dam	20	7.57	53	220	1.0	98.5	0.107		< 2	< 2	0.199	3.66		13.2
	2	8:05		Ditch @ 47th St.	25	7.80	53	210	1.8	98.2	0.040		50	50	0.201	3.73		13.3
	3	8:35		Ditch @ Sierra Hwy.	40	8.16	54	210	4.6	97.5	0.031		240	80	0.201	3.58		13.1
	4	8:42		Littlerock Ditch	50	8.15	54	210	10.5	97.6	0.028		300	300	0.201	3.70		13.2
	5	13:15		Aqueduct	20	8.24	72	500	6.0	82.3	0.029		50	30	0.092	78.0	4.03	46.8
	6	13:20		Palmdale Lake	30	8.04	71	500	5.3	103	0.042		26	13	0.151	67.2	0.587	45.7
	1	7:50	6/3/03	Littlerock Dam	25	7.32	53	220	2.6	98.4	0.233							
	2	8:05		Ditch @ 47th St.	25	7.81	54	220	1.5	98.2	0.036							
	3	8:45		Ditch @ Sierra Hwy.	25	8.14	56	220	2.5	97.8	0.027							
	4	8:50		Littlerock Ditch	25	8.15	56	220	3.7	98.3	0.027							
	1	7:25	6/4/03	Littlerock Dam	25	7.36	53	230	2.2	98.2	0.112							
	2	7:45		Ditch @ 47th St.	30	7.84	54	220	2.3	99.1	0.020							
	3	8:14		Ditch @ Sierra Hwy.	30	8.17	55	210	2.6	98.4	0.018							
	4	8:28		Littlerock Ditch	30	8.16	55	210	3.6	97.5	0.016							
	1	8:15	6/5/03	Littlerock Dam	30	7.33	54	220	2.0	95.7	0.104							
	2	8:35		Ditch @ 47th St.	30	7.84	55	220	3.0	96.1	0.029							
	3	10:25		Ditch @ Sierra Hwy.	35	8.13	61	220	3.3	95.9	0.027							
	4	10:40		Littlerock Ditch	40	8.17	63	220	3.6	97.3	0.021							
	1	7:30	6/6/03	Littlerock Dam	20	7.42	54	230	1.5	99.2								
	2	8:10		Ditch @ 47th St.	25	7.84	54	220	1.8	98.8								
	3	8:25		Ditch @ Sierra Hwy.	30	8.21	56	220	5.0	99.0								
	4	9:00		Littlerock Ditch	35	8.25	54	210	7.5	99.7								
	5	11:00	6/9/03	Aqueduct	30	8.07	75	460	15.0	80.9								
	6	11:30	"	Palmdale Lake	>50	8.57	72	490	18.0	105								
	1	7:18	6/13/03	Littlerock Dam	20	7.33	53	230	1.5	99.9								
	2	7:40		Ditch @ 47th St.	25	7.83	54	220	1.8	99.6								
	3	8:30		Ditch @ Sierra Hwy.	30	8.21	54	220	6.6	100								
	4	8:59		Littlerock Ditch	35	8.20	55	220	16.1	99.8								



4	8:46	↓	Littlerock Ditch	30	8.17	54	220	2.3	92.1								
1	7:14	6/25/03	Littlerock Dam	30	7.26	56	240	2.6	103								
2	7:40	↓	Ditch @ 47th St.	25	7.72	55	230	1.3	102								
3	8:20	↓	Ditch @ Sierra Hwy.	25	8.13	54	230	3.0	101								
4	8:42	↓	Littlerock Ditch	30	8.13	55	230	3.3	100								
1	7:16	6/26/03	Littlerock Dam	25	7.48	56	230	1.5	102								
2	7:38	↓	Ditch @ 47th St.	25	7.78	55	230	1.6	103								
3	8:16	↓	Ditch @ Sierra Hwy.	25	8.13	55	220	2.6	103								
4	8:32	↓	Littlerock Ditch	30	8.16	55	220	3.6	103								
1	7:15	6/27/03	Littlerock Dam	30	7.30	56	230	2.0	102	0.234							
2	7:33	↓	Ditch @ 47th St.	25	7.71	56	230	2.2	102	0.138							
3	8:31	↓	Ditch @ Sierra Hwy.	25	8.10	57	220	2.5	101	0.060							
4	8:48	↓	Littlerock Ditch	30	8.14	57	220	3.0	101	0.036							
1	7:35	6/30/03	Littlerock Dam	30	7.35	57	230	3.2	104	0.204		26	8				
2	7:50	↓	Ditch @ 47th St.	25	7.63	57	230	2.0	103	0.054		170	170				
3	8:20	↓	Ditch @ Sierra Hwy.	30	8.09	57	230	3.3	102	0.037		240	240				
4	8:35	↓	Littlerock Ditch	30	8.11	57	230	4.1	104	0.028		220	220				
5		↓	Aqueduct	40	8.30	73	340	11.3	68.5	0.030		30	23				
6		↓	Palmdale Lake	50	7.85	72	450	9.0	102	0.030		90	4				
1	7:25	7/1/03	Littlerock Dam	35	7.41	57		2.1									
2	7:45	↓	Ditch @ 47th St.	25	7.78	57		2.0									
3	8:20	↓	Ditch @ Sierra Hwy.	30	8.19	56		2.8									
4	8:30	↓	Littlerock Ditch	50	8.22	56		2.5									
1	7:30	7/2/03	Littlerock Dam	30	7.52	57	240	2.6	107								
2	7:45	↓	Ditch @ 47th St.	25	7.86	57	230	2.5	106								
3	8:15	↓	Ditch @ Sierra Hwy.	30	8.32	57	230	4.0	105								
4	8:30	↓	Littlerock Ditch	35	8.30	58	230	5.0	106								