

Monitor Well Water Quality, Palidin S. Vacuum SWD Line Release

Monitoring Well	Sample Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (total, µg/L)
MW-1	07/21/08	460	1,700	<0.5	<0.5	<0.5	<1.0
	12/29/08	650	2,000	<0.5	<0.5	<0.5	<1.0
	03/16/09	1,200	2,600	<0.5	<0.5	<0.5	<1.0
	06/24/09	2,100	3,700	6.1	<1.0	<1.0	<1.5
	09/11/09	2,500	4,400	61	<1.0	<1.0	<2.0
	12/18/09	3,000	5,370	21	<1.0	<1.0	<2.0
	03/10/10	3,700	6,030	10	<1.0	<1.0	2.6
	07/06/10	3,200	5,270	5.7	<1.0	<1.0	<1.5
	09/02/10	2,610	5,160	3.7	<1.0	<1.0	<2.0
	11/09/10	3,300	5,550	2.3	<1.0	<1.0	<2.0
	03/15/11	3,400	6,140	3.4	<1.0	<1.0	<2.0
	06/22/11	3,000	5,960	4.4	<1.0	<1.0	<2.0
	10/06/11	2,900	5,750	<1.0	<1.0	<1.0	2.3
	12/13/11	3,100	5,890	<1.0	<1.0	<1.0	2.1
	03/05/12	3,200	5,930	<1.0	<1.0	<1.0	<2.0
	06/05/12	2,500	5,660	<1.0	<1.0	<1.0	<2.0
	09/05/12	2,600	5,090	<1.0	<1.0	<1.0	<2.0
	12/05/12	2,000	3,610	<1.0	<1.0	<1.0	<2.0
	03/07/13	1,700	3,180	<1.0	<1.0	<1.0	<2.0
	06/24/13	1,300	3,030	<1.0	<1.0	<1.0	<2.0
	09/09/13	1,000	2,390	<1.0	<1.0	<1.0	<2.0
	12/26/13	720	1,960	<1.0	<1.0	<1.0	<2.0
	03/22/14	510	1,520	<1.0	<1.0	<1.0	<2.0
	06/17/14	470	1,450	<1.0	<1.0	<1.0	<2.0
	09/15/14	510	1,460	<1.0	<1.0	<1.0	<2.0
MW-2	07/08/08	69	410	<0.5	<0.5	<0.5	<1.0
	11/09/10	61	436	<1.0	<1.0	<1.0	<2.0
	03/15/11	57	422	<1.0	<1.0	<1.0	<2.0
	06/22/11	59	438	<1.0	<1.0	<1.0	<2.0
	10/06/11	58	428	<1.0	<1.0	<1.0	<2.0
	12/13/11	61	459	<1.0	<1.0	<1.0	2.1
	03/05/12	55	423	<1.0	<1.0	<1.0	<2.0
	06/05/12	55	424	<1.0	<1.0	<1.0	<2.0
	09/05/12	58	446	<1.0	<1.0	<1.0	<2.0
	12/05/12	54	347	<1.0	<1.0	<1.0	<2.0
	03/07/13	55	405	<1.0	<1.0	<1.0	<2.0
	06/24/13	57	412	<1.0	<1.0	<1.0	<2.0
	09/09/13	65	470	<1.0	<1.0	<1.0	<2.0
	12/26/13	66	397	<1.0	<1.0	<1.0	<2.0
	03/22/14	62	392	<1.0	<1.0	<1.0	<2.0
	06/17/14	58	395	<1.0	<1.0	<1.0	<2.0
	09/15/14	54	410	<1.0	<1.0	<1.0	<2.0

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MW-3	07/08/08	70	430	<0.5	<0.5	<0.5	<1.0
	11/09/10	52	425	<1.0	<1.0	<1.0	<2.0
	03/15/11	52	429	<1.0	<1.0	<1.0	<2.0
	06/22/11	56	436	<1.0	<1.0	<1.0	<2.0
	10/06/11	52	432	<1.0	<1.0	<1.0	<2.0
	12/13/11	49	449	<1.0	<1.0	<1.0	<2.0
	03/05/12	50	428	<1.0	<1.0	<1.0	<2.0
	06/05/12	54	435	<1.0	<1.0	<1.0	<2.0
	09/05/12	55	451	<1.0	<1.0	<1.0	<2.0
	12/05/12	55	424	<1.0	<1.0	<1.0	<2.0
	03/07/13	59	449	<1.0	<1.0	<1.0	<2.0
	06/24/13	57	454	<1.0	<1.0	<1.0	<2.0
	09/09/13	63	590	<1.0	<1.0	<1.0	<2.0
	12/26/13	58	450	<1.0	<1.0	<1.0	<2.0
	03/22/14	50	427	<1.0	<1.0	<1.0	<2.0
	06/17/14	47	427	<1.0	<1.0	<1.0	<2.0
	09/15/14	45	440	<1.0	<1.0	<1.0	<2.0
MW-4	08/26/08	1,700	3,700	1.3	<0.5	<0.5	<1.0
	12/29/08	1,500	3,500	1.1	<0.5	<0.5	<1.0
	03/16/09	1,300	3,300	0.9	<0.5	<0.5	<1.0
	06/24/09	1,500	3,100	<1.0	<1.0	<1.0	<1.5
	09/11/09	1,400	3,030	2.9	<1.0	<1.0	<2.0
	12/18/09	1,400	2,970	1.3	<1.0	<1.0	<2.0
	03/10/10	1,500	2,860	1.1	<1.0	<1.0	<1.5
	07/06/10	1,400	2,850	1.6	<1.0	<1.0	<1.5
	09/02/10	1,250	2,840	2.6	<1.0	<1.0	<2.0
	11/09/10	1,400	2,770	2.4	<1.0	<1.0	<2.0
	03/15/11	1,200	2,580	1.4	<1.0	<1.0	<2.0
	06/22/11	1,300	2,770	<1.0	<1.0	<1.0	<2.0
	10/06/11	1,400	2,850	<1.0	<1.0	<1.0	5.5
	12/13/11	1,300	2,920	<1.0	<1.0	<1.0	3.2
	03/05/12	1,400	2,860	<1.0	<1.0	<1.0	<2.0
	06/05/12	1,400	2,850	<1.0	<1.0	<1.0	<2.0
	09/05/12	1,300	2,780	<1.0	<1.0	<1.0	<2.0
	12/05/12	1,200	2,570	<1.0	<1.0	<1.0	<2.0
	03/07/13	1,100	2,450	<1.0	<1.0	<1.0	<2.0
	06/24/13	880	2,300	<1.0	<1.0	<1.0	<2.0
	09/09/13	910	2,170	<1.0	<1.0	<1.0	<2.0
	12/26/13	860	2,070	<1.0	<1.0	<1.0	<2.0
	03/22/14	750	2,000	<1.0	<1.0	<1.0	<2.0
	06/17/14	760	1,960	<1.0	<1.0	<1.0	<2.0
	09/15/14	790	1,970	<1.0	<1.0	<1.0	<2.0

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MW-5	08/26/08	2,600	5,400	<0.5	<0.5	<0.5	<1.0
	12/29/08	2,600	5,000	<0.5	<0.5	<0.5	<1.0
	03/16/09	2,000	4,700	<0.5	<0.5	<0.5	<1.0
	06/24/09	2,500	4,700	1.3	<1.0	<1.0	<1.5
	09/11/09	2,400	4,570	1.7	<1.0	<1.0	<2.0
	12/18/09	2,200	4,350	<1.0	<1.0	<1.0	<2.0
	03/10/10	2,300	4,050	<1.0	<1.0	<1.0	<1.5
	07/06/10	2,100	3,930	<1.0	<1.0	<1.0	<1.5
	09/02/10	1,800	3,790	<1.0	<1.0	<1.0	<2.0
	11/09/10	1,900	3,630	<1.0	<1.0	<1.0	<2.0
	03/15/11	1,800	3,670	<1.0	<1.0	<1.0	<2.0
	06/22/11	1,900	3,740	<1.0	<1.0	<1.0	<2.0
	10/06/11	1,900	3,690	<1.0	<1.0	<1.0	<2.0
	12/13/11	1,700	4,020	<1.0	<1.0	<1.0	<2.0
	03/05/12	1,600	3,770	<1.0	<1.0	<1.0	<2.0
	06/05/12	1,800	3,830	<1.0	<1.0	<1.0	<2.0
	09/05/12	1,900	3,770	<1.0	<1.0	<1.0	<2.0
	12/05/12	1,800	3,430	<1.0	<1.0	<1.0	<2.0
	03/07/13	1,700	3,260	<1.0	<1.0	<1.0	<2.0
	06/24/13	1,100	3,020	<1.0	<1.0	<1.0	<2.0
	09/09/13	1,300	2,900	<1.0	<1.0	<1.0	<2.0
	12/26/13	1,300	2,720	<1.0	<1.0	<1.0	<2.0
	03/22/14	1,100	2,580	<1.0	<1.0	<1.0	<2.0
	06/17/14	1,000	2,400	<1.0	<1.0	<1.0	<2.0
	09/15/14	910	2,250	<1.0	<1.0	<1.0	<2.0
TMW-2	06/06/08	480	--	--	--	--	--
	06/10/08	570	2,000	<0.5	<0.5	<0.5	<1.0
NM Groundwater Standard :		250 mg/L	1,000 mg/L	10 µg/L	750 µg/L	750 µg/L	620 µg/L
Notes: 1. Complete cation/anion analysis on file for 06/29/05 and 07/22/05.							
2. Water Quality Control Commission Standards adopted by the NM Oil Conservation Division							
2008-March 2009 analyses performed at Argon Laboratories, Hobbs, NM;							
June 2009-2014 analyses performed by Hall Environmental Analysis Laboratory, Inc., Albuquerque							
Argon analyses using EPA SW-846 method 8021B (BTEX) , 160.1 (TDS), and 300.0 (chloride).							
Hall analyses using EPA SW-846 method 8021B or 8260B (BTEX) and 300.0 (chloride), and SM 2540C (TDS)							