

Appendix 5.D

Water Monitoring Results for the Abel-Dreshman Sites

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Abel-Dreshman Site

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DATE	Flow (GPM)	Lab pH (Standard Units)	Specific Conductivity (umhos/cm)	Alkalinity (mg/l)	Acidity (mg/l)	Net Alkalinity (mg/l)	Iron (mg/l)	Total Mn (mg/l)	Dissolved Mn (mg/l)	Biochemical Oxygen Demand	SO4 (mg/l)	Fluoride (mg/l)	Chloride (mg/l)	Na (mg/l)	TDS (mg/l)	TSS (mg/l)	Ammonia (mg/l)	Total Nitrate (mg/l)	Total Nitrite (mg/l)	Total Kjeld Nitrogen (mg/l)	Phosphorous (mg/l)	Turbidity NTU
10/12/94		3.5		0	126	-126	1.6	53.1			760											
05/16/95		3.6		0	128	-128	1.4	39.5			556											
06/29/95		3.6		0	122	-122	1.7	47.6			633											
07/11/95		3.3		0	154	-154	2	44.1			710											
07/27/95		3.3		0	208	-208	2.3	68.6			1087											
09/12/95	8	3.4		0	234	-234	1.7	77.2			1373											
11/20/95		3.9		0	40	-40	0.4	18			336											
02/22/96		3.9		0	52	-52	0.6	23.1			354											
03/27/96		3.6		0	150	-150	1.5	49.7			849											
04/18/96		3.6		0	148	-148	1.3	47.4			908											
06/11/96	68	3.5		0	192	-192	1.9	72.2			894											
06/27/96	59	3.6		0	128	-128	1.3	42			720											
07/31/96	65	3.4		0	74	-74	1.79	76.4		<.20	826		5	7.73		<2		0.11	<.004	0.5	<.02	
08/29/96	25	3.6	1390	0	146	-146	1.03	54.3	51		640	0.31	5	5.83	1574	2	0.08	0.13				<1
09/18/96		3.6		0	72	-72	0.739	17.4			332			<10.00		<3						
10/24/96	70	3.7	1165	0	114	-114	1.37	48.6	47.6		288	0.3	5	6.12	1142	2	0.09	0.29				<1
11/26/96		3.9		0	86	-86	0.977	22			465			<10.00		<3						
01/06/97		3.8		0	94	-94	1.36	32.2			655			<10.00		<3						
03/21/97	130	3.6		0	150	-150	2.05	45.1			903			<10.00		<3						
06/10/97	20	3.5		0	138	-138	1.28	38.6			654			<10.00		<3						
07/10/97		3.4		0	186	-186	2.46	55			950			<10.00		4						
09/04/97		3.6	2120	0	248	-248	35.8	86			1100	0.32	6	16.4	2682	228	0.41	<.04				38
09/22/97		3.7		0	94	-94	0.959	27.6			586			<10.00		<3						
11/13/97		4.1	830	3.6	44	-40.4	0.477	25.4	25.4		208	0.38	4	4.93	706	<2	0.04	0.38				<1
12/29/97		3.9	938	0	86	-86	1.48	35.8	35.8		890	0.24	3	4.25	806		0.14	0.34				<1
02/03/98	84.4	3.8		0	102	-102	4.01	35			723			<10.00		<3						
02/20/98	139.4	3.9		0	82	-82	4.74	31.6			552			<10.00		4						
03/25/98	81	4.1	931	4	84	-80	5.09	31.9	31.1		444	0.27	3	4.48	790	84	0.12	0.35				1.6
06/03/98	56	3.8	1231	0	122	-122	3.99	44.4	44.4		496	0.36	3	4.8	1012	6	0.11	0.23				1.1
07/28/98	26	3.8		0	84	-84	0.656	27.4			625			<10.00		<3						
10/09/98	20	4.4		7.6	34	-26.4	0.581	16.3			461			<10.00		<3						
12/10/98	9	4.4		6.2	22	-15.8	0.143	15.3	14.8		311	0.29	18	6.79	602	26		1.07				<1
02/25/99	45	5.1		11	7.2	3.8	0.15	8.02			192			<10.00		14						
03/11/99	28	4.9	554	8.2	12.4	-4.2	0.072	10.9	10.3		247	<.2	7	4.9	352	1	0.17	1.46				<1
07/15/99		4.5		7.2	13.8	-6.6	0.444	10.4			276.5			<10.00		4						
08/20/99		4.4		7.2	12.2	-5	0.556	12.2			372			11.5		1.5						
11/12/99	8.1	4.7		8.4	11	-2.6	0.15	7.63			282.3			<10.00		1.5						
03/08/00	55	5		7.8	5.2	2.6	0.15	3.47			215.5			<10.00		1.5						
04/25/00	45	6.5		20	0	20	0.15	9.66			263.8			10.4		1.5						
08/31/00	4	4.8		7.6	6.2	1.4	0.15	4.91			290.6			11.4		1.5						
10/18/00	4	5		8.8	6.6	2.2	0.15	5.54			340.9			12.5		1.5						
01/24/01	19	5.1		10.2	9.2	1	0.15	4.36			255					6						

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04/05/01	28.6	5.8		11	2.6	8.4	0.15	4.31			281.2					1.5							
05/08/01	22	6		12.4	0	12.4	0.15	5.81			363.8					4							
06/22/01		5.3		8.2	40.6	-32.4	0.463	7.02			367.7					1.5							
07/11/01		4.9		6.8	31	-24.2	0.15	6.16			402.2					12							
10/18/01		5.1		8.2	56.6	-48.4	0.15	10.2			383.2					1.5							
04/30/02		5.8		10	12.4	-2.4	0.15	2.35			94.4					6							
07/25/02		6		10.6	54.4	-43.8	0.15	23.7			544.5					10							
10/08/02		5.1		8.6	71.2	-62.6	0.15	11.7			390.8					4							
03/14/03		6.3		9	11.8	-2.8	0.796	0.785			43.7					22							

