

AP - 75

ANNUAL MONITORING REPORT

YEAR(S):
2009



CERTIFIED MAIL
RETURN RECEIPT NO. 7099 3400 0017 1737 1889

April 2, 2010

Mr. Edward Hansen
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87504

RECEIVED OCD
2010 APR 12 P 1:05

RE: **2009 ANNUAL GROUNDWATER MONITORING REPORT
BD JCT. J-26 SITE (AP-75)
T21S, R37E, SECTION 26, UNIT LETTER J
LEA COUNTY, NEW MEXICO**

Mr. Hansen:

On behalf of Rice Operating Company (ROC), Trident Environmental takes this opportunity to submit the 2009 Annual Groundwater Monitoring Report for the BD Jct. J-26 site (AP-75) located in the Blinebry-Drinkard (BD) Salt Water Disposal (SWD) System.

ROC is the service provider (agent) for the BD SWD System and has no ownership of any portion of pipeline, well, or facility. The BD SWD System is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

Thank you for your consideration concerning this annual summary of groundwater monitoring information. If you have any questions, please contact Hack Conder at (575) 393-9174.

Sincerely,

Gilbert J. Van Deventer, REM, PG

cc: Hack Conder (Rice Operating Co., Hobbs, NM)

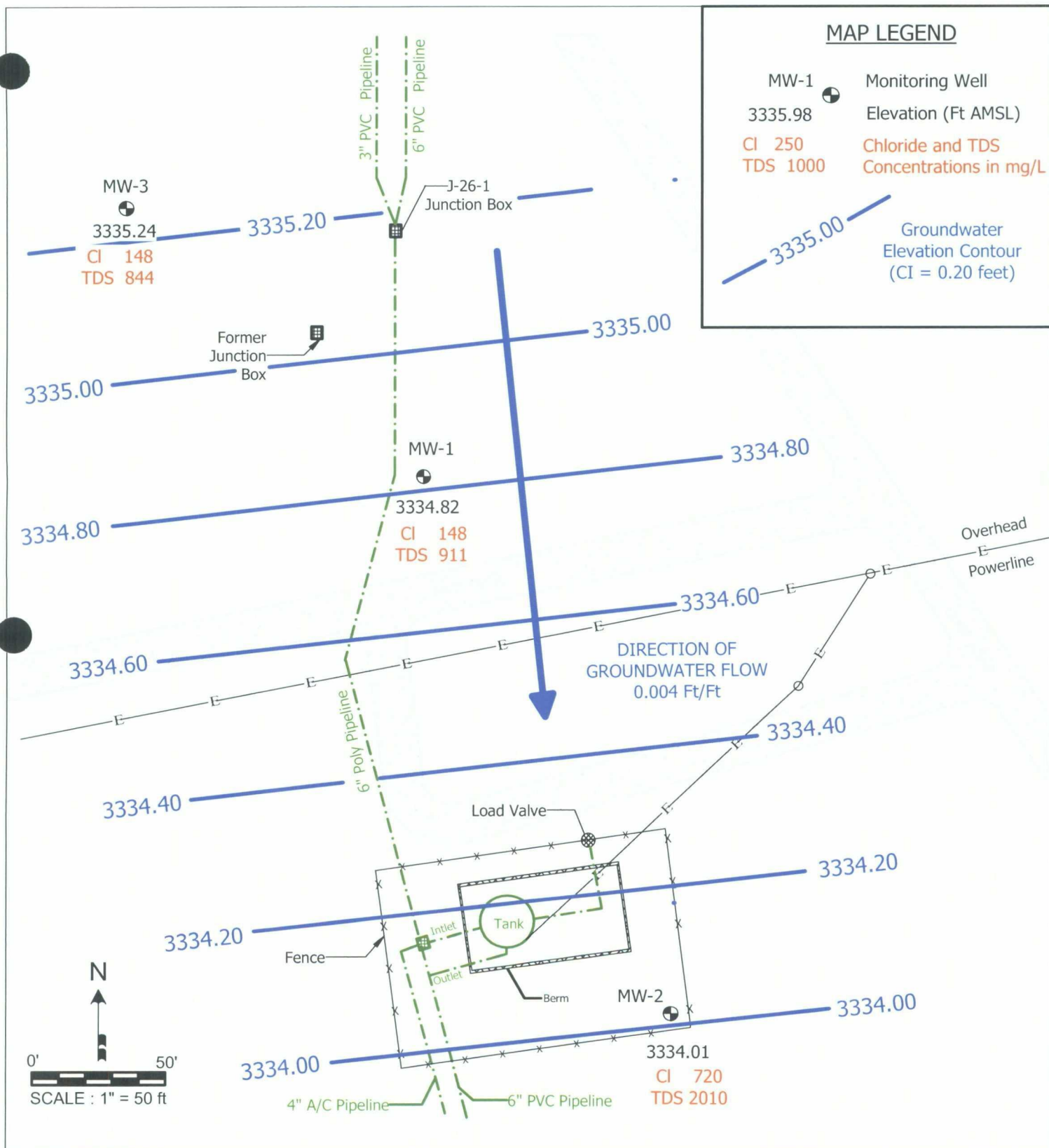
enclosures: map, tables, and graphs

ATTACHMENT A

Site Map

Tables

Graphs



BD Jct. J-26 Site
T21S - R37E - Section 26 - Unit J
RICE Operating Company

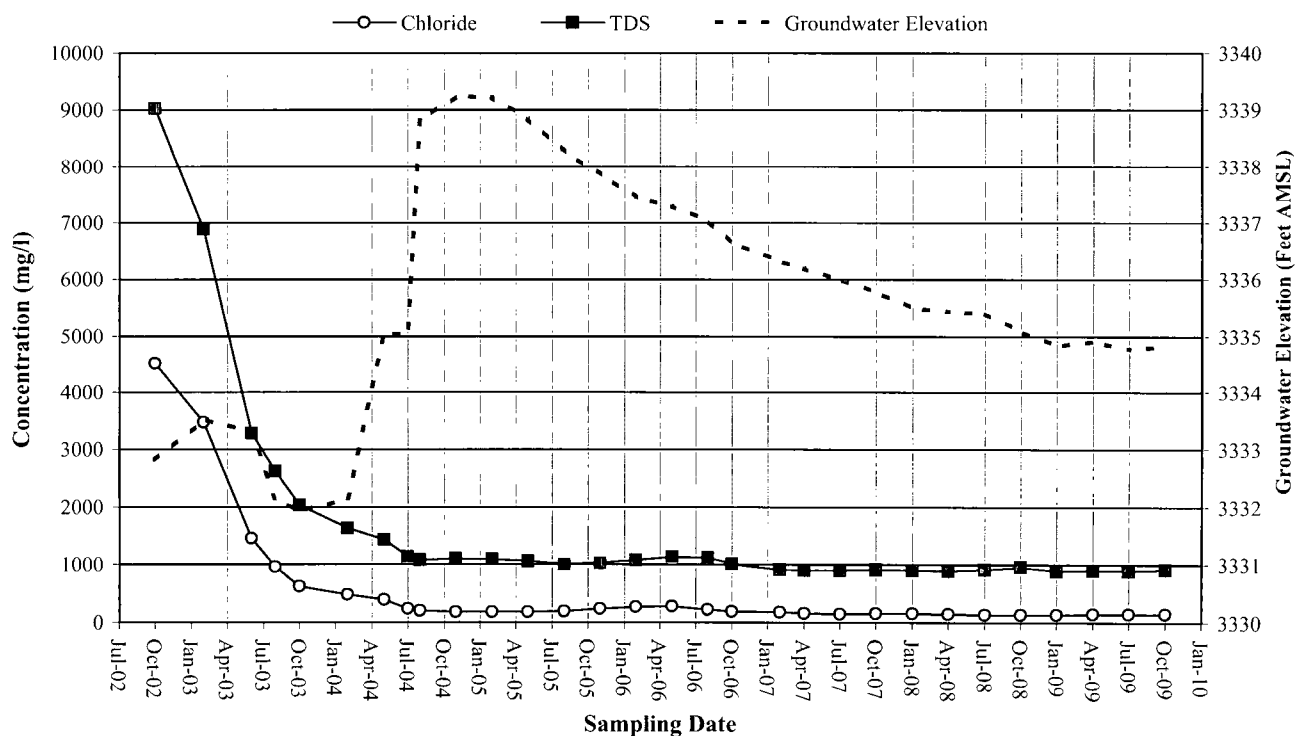
GROUNDWATER GRADIENT AND
CHLORIDE, TDS, & BTEX
CONCENTRATION MAP

OCTOBER 13, 2009

Summary of Groundwater Sampling Results

Monitoring Well	Sample Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)	Chloride (mg/L)	TDS (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
MW-1	10/29/02	43.02	3332.82	4520	9020	< 0.001	< 0.001	< 0.001	< 0.001
	02/28/03	42.33	3333.51	3470	6870	< 0.001	< 0.001	< 0.001	< 0.001
	06/05/03	42.52	3333.32	1460	3280	< 0.001	< 0.001	< 0.001	< 0.001
	08/22/03	43.72	3332.12	957	2620	< 0.001	< 0.001	< 0.001	< 0.001
	10/30/03	43.91	3331.93	620	2040	< 0.001	< 0.001	< 0.001	< 0.001
	02/18/04	43.70	3332.14	478	1630	< 0.001	< 0.001	< 0.001	< 0.001
	05/05/04	40.80	3335.04	390	1440	< 0.001	< 0.001	< 0.001	< 0.001
	07/08/04	40.80	3335.04	230	1140	< 0.001	< 0.001	< 0.001	< 0.001
	08/10/04	37.02	3338.82	195	1080	< 0.001	< 0.001	< 0.001	< 0.001
	11/09/04	36.61	3339.23	177	1100	< 0.001	< 0.001	< 0.001	< 0.001
	02/09/05	36.62	3339.22	179	1090	< 0.001	< 0.001	< 0.001	< 0.001
	05/05/05	37.00	3338.84	179	1060	< 0.001	< 0.001	< 0.001	< 0.001
	08/13/05	37.56	3338.28	193	1000	< 0.001	< 0.001	< 0.001	< 0.001
	11/07/05	37.98	3337.86	233	1020	< 0.001	< 0.001	< 0.001	< 0.001
	02/06/06	38.39	3337.45	262	1080	< 0.001	< 0.001	< 0.001	< 0.001
	05/08/06	38.55	3337.29	282	1140	< 0.001	< 0.001	< 0.001	< 0.001
	08/01/06	38.80	3337.04	218	1126	< 0.001	< 0.001	< 0.001	< 0.001
	10/23/06	39.21	3336.63	193	1010	---	---	---	---
	02/08/07	39.52	3336.32	182	912	---	---	---	---
	04/18/07	39.66	3336.18	161	898	---	---	---	---
	07/18/07	39.86	3335.98	149	900	---	---	---	---
	10/10/07	40.07	3335.77	160	915	---	---	---	---
	01/14/08	40.35	3335.49	152	904	---	---	---	---
	04/04/08	40.41	3335.43	140	890	---	---	---	---
	07/15/08	40.44	3335.40	132	907	---	---	---	---
	10/08/08	40.76	3335.08	128	952	---	---	---	---
	01/16/09	41.01	3334.83	136	890	---	---	---	---
	04/13/09	40.94	3334.90	140	899	---	---	---	---
	07/14/09	41.07	3334.77	144	893	---	---	---	---
	10/13/09	41.02	3334.82	148	911	---	---	---	---
WQCC Standards:				250	1000	0.01	0.75	0.75	0.62

Chloride, TDS, and Groundwater Elevation Values Versus Time (MW-1)

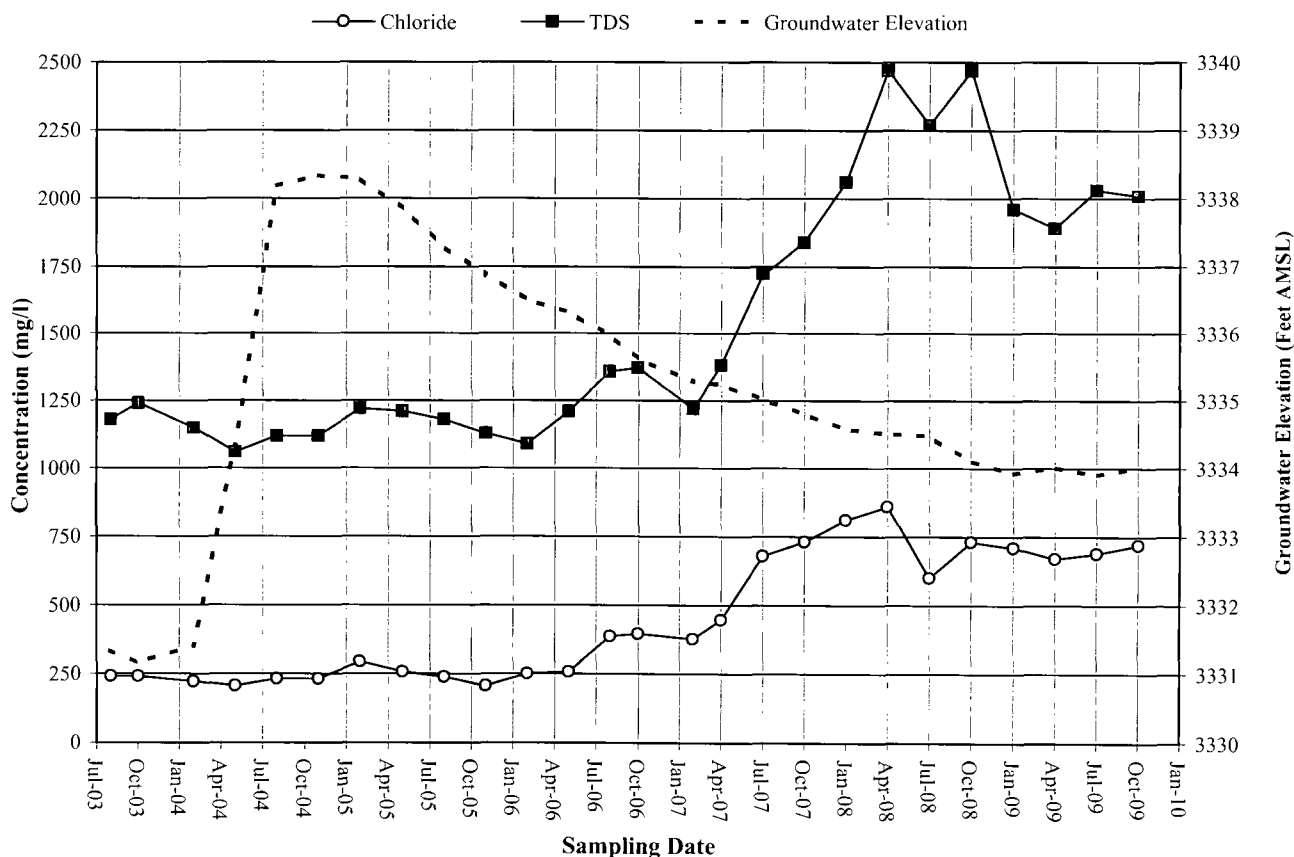


Summary of Groundwater Sampling Results

Monitoring Well	Sample Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)	Chloride (mg/L)	TDS (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
MW-2	08/22/03	43.99	3331.33	239	1180	< 0.001	< 0.001	< 0.001	< 0.001
	10/30/03	44.17	3331.15	239	1240	< 0.001	< 0.001	< 0.001	< 0.001
	02/18/04	43.91	3331.41	221	1150	< 0.001	0.001	< 0.001	< 0.001
	05/05/04	40.98	3334.34	204	1060	< 0.001	0.001	< 0.001	< 0.001
	08/10/04	37.14	3338.18	230	1120	< 0.001	< 0.001	< 0.001	< 0.001
	11/09/04	36.99	3338.33	230	1120	< 0.001	< 0.001	< 0.001	< 0.001
	02/09/05	37.03	3338.29	294	1220	< 0.001	< 0.001	< 0.001	< 0.001
	05/06/05	37.46	3337.86	257	1210	< 0.001	< 0.001	< 0.001	< 0.001
	08/13/05	38.02	3337.30	237	1180	< 0.001	< 0.001	< 0.001	< 0.001
	11/07/05	38.44	3336.88	206	1130	< 0.001	< 0.001	< 0.001	< 0.001
	02/06/06	38.83	3336.49	250	1090	< 0.001	< 0.001	< 0.001	< 0.001
	05/08/06	39.02	3336.30	257	1210	< 0.001	< 0.001	< 0.001	< 0.001
	08/01/06	39.35	3335.97	387	1358	< 0.001	< 0.001	< 0.001	< 0.001
	10/23/06	39.71	3335.61	395	1370	---	---	---	---
	02/08/07	40.03	3335.29	378	1220	---	---	---	---
	04/18/07	40.09	3335.23	446	1380	---	---	---	---
	07/18/07	40.30	3335.02	679	1720	---	---	---	---
	10/10/07	40.52	3334.80	730	1838	---	---	---	---
	01/14/08	40.74	3334.58	810	2061	---	---	---	---
	04/04/08	40.80	3334.52	860	2470	---	---	---	---
	07/15/08	40.84	3334.48	600	2270	---	---	---	---
	10/08/08	41.20	3334.12	730	2470	---	---	---	---
	01/16/09	41.39	3333.93	710	1960	---	---	---	---
	04/13/09	41.30	3334.02	670	1890	---	---	---	---
	07/14/09	41.42	3333.90	690	2030	---	---	---	---
	10/13/09	41.31	3334.01	720	2010	---	---	---	---

WQCC Standards: 250 1000 0.01 0.75 0.75 0.62

Chloride, TDS, and Groundwater Elevation Values Versus Time (MW-2)



Summary of Groundwater Sampling Results

Monitoring Well	Sample Date	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)	Chloride (mg/L)	TDS (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
MW-3	08/22/03	43.06	3332.79	160	904	< 0.001	< 0.001	< 0.001	< 0.001
	10/30/03	43.28	3332.57	168	1070	< 0.001	< 0.001	< 0.001	< 0.001
	02/18/04	43.03	3332.82	160	862	< 0.001	< 0.001	< 0.001	< 0.001
	05/05/04	40.04	3335.81	160	891	< 0.001	< 0.001	< 0.001	< 0.001
	08/10/04	36.55	3339.30	164	941	< 0.001	< 0.001	< 0.001	< 0.001
	11/09/04	36.22	3339.63	142	1160	< 0.001	< 0.001	< 0.001	< 0.001
	02/09/05	36.17	3339.68	138	1010	< 0.001	< 0.001	< 0.001	< 0.001
	05/06/05	36.56	3339.29	141	870	< 0.001	< 0.001	< 0.001	< 0.001
	08/13/05	37.12	3338.73	125	842	< 0.001	< 0.001	< 0.001	< 0.001
	11/07/05	37.55	3338.30	125	826	< 0.001	< 0.001	< 0.001	< 0.001
	02/06/06	37.84	3338.01	119	748	< 0.001	< 0.001	< 0.001	< 0.001
	05/08/06	38.00	3337.85	142	806	< 0.001	< 0.001	< 0.001	< 0.001
	08/01/06	38.22	3337.63	141	876	< 0.001	< 0.001	< 0.001	< 0.001
	10/23/06	38.68	3337.17	147	834	---	---	---	---
	02/08/07	39.01	3336.84	147	788	---	---	---	---
	04/18/07	39.16	3336.69	150	818	---	---	---	---
	07/18/07	39.40	3336.45	139	848	---	---	---	---
	10/10/07	39.60	3336.25	164	857	---	---	---	---
	01/14/08	39.90	3335.95	160	886	---	---	---	---
	04/04/08	39.95	3335.90	152	911	---	---	---	---
	07/15/08	39.99	3335.86	120	840	---	---	---	---
	10/08/08	40.27	3335.58	148	929	---	---	---	---
	01/16/09	40.54	3335.31	148	853	---	---	---	---
	04/13/09	40.50	3335.35	148	844	---	---	---	---
	07/14/09	40.63	3335.22	144	831	---	---	---	---
	10/13/09	40.61	3335.24	144	835	---	---	---	---

WQCC Standards:

250

1000

0.01

0.75

0.75

0.62

Chloride, TDS, and Groundwater Elevation Values Versus Time (MW-3)

