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December 21, 2006
Project No.: H0562C

California Regional Water Quality Control Board
Central Coast Region
895 Aero Vista Drive, Suite 101
San Luis Obispo, CA 93401
Attn: Ms. Thea Tryon

STATE OF CALIFORNIA
CENTRAL COAST WATER BOARD
Received
DEC 27 2006
895 Aerovista Place, Ste. 101
San Luis Obispo, CA 93401-7906

Re: City of Morgan Hill Historic J-Flag Data

Dear Ms. Tryon:

Enclosed, as you requested, is an Excel spreadsheet with historic J-Flag perchlorate data from all of the City of Morgan Hill's (City) wells: Dunne 1, Dunne 2, San Pedro, Condit, Nordstrom, Tennant, Jackson, Diana 1, Diana 2, Diana 3, Boys Ranch 1, Boys Ranch 2, Boys Ranch 3, Main 1, Main 2 and Butterfield. These data include the City's northeast wells for which J-Flag data were previously provided to you on August 2, 2006. For security purposes, a map showing the location of all City wells is being sent by Mr. Steven Hoch to Ms. Lori Okun, under separate cover, for your confidential reference. Data sheets and laboratory reports for the data summarized in the attached data table are included in Appendix A.

These data were requested by the City from BSK Labs (BSK) and Test America. BSK revisited the raw historical analytical data from 2003 through July 2006, and Test America provided analytical data from August 2006 onwards. The great majority of the BSK data had previously been reported only as < 4 ug/L, with respect to the Reporting Limit for USEPA Method 314.0. These J-Flag concentrations are reported with respect to the Method Detection Limit of 1.3 ug/L, and 1.17 ug/L, respectively. According to BSK, these values are estimated concentrations calculated from a relative peak response below the lowest point on their calibration curve. BSK note therefore, that these data are not legally defensible and should not be used for regulatory purposes.

Recognizing the above-noted limitations, plus potential interferences that may cause false positives, the data should be examined for larger-scale patterns of perchlorate occurrence, particularly those at higher concentrations (e.g. above 3 ug/L) that are more likely to be significant than values very close to the method detection limit. Also, repeated occurrences of such concentrations are more likely to be

of significance, more so than sporadic, unconfirmed detections. For example, detections above 3 ug/L in the Condit and San Pedro wells occurred in 16 of 46 samples, and 15 of 46 samples, respectively, or about one-third of the samples from 2003 to 2006. Many of these high detections of perchlorate occurred in sequences of two or more successive sampling events.

This larger data set also seems to show a general pattern of higher perchlorate concentrations in the summer and early fall months (May to early November), coinciding with summer's higher groundwater production, especially when the Nordstrom Park well (one of the City's larger producers) is pumping. Interestingly, this pattern seems to include even the Boy's Ranch 1 and 2 wells, which, for example, show perchlorate detections about twice as often when the Nordstrom well is pumping (including the month after Nordstrom pumping ceases), than for periods when the Nordstrom well is not pumping. The Main 2 well shows a similar pattern. I also note that detections in the Boys Ranch 1 and 2 wells, screened to depths of 371 and 346 feet, respectively, are far more common than in Boys Ranch 3 well, screened to only 291 feet.

WorleyParsons Komex hopes this information is helpful to the RWQCB in your ongoing evaluation of northeast perchlorate contamination from the Olin Site, and we encourage you to consider these data in the context of the of the City of Morgan Hill's request to issue a CAO naming Olin as the discharger relative to the northeast contamination. We are at your disposal to discuss any of the information provided above. If you have any questions please call Mark Trudell at (714) 379-1157 extension 161.

Sincerely,

WorleyParsons Komex

Mark Trudell, Ph.D., PG, CHG
Principal Hydrogeologist

cc: Mr. Steve Hoch, Hatch & Parent
Mr. Jim Ashcraft, City of Morgan Hill
Mr. Tom Mohr, Santa Clara Valley Water District

PERCHLORATE CONCENTRATIONS IN CITY WELLS USING AVAILABLE J-FLAG ESTIMATIONS FROM 1/16/03

3.00 - 3.99

Sampling Date	Tennant	Jackson 1	Nordstrom	Dunne 1	Dunne 2	Condit	San Pedro	Diana1	Diana 2	Diana 3	Boys Ranch 1	Boys Ranch 2	Boys Ranch 3	Main 1	Main 2	Butterfield	
	4/05	4/05	4/05	4/05	4/05	4/05	4/05	4/05	4/05	4/05	4/05	4/05	4/05	4/05	4/05	4/05	4/05
11/01/06		3.00		2.59	ND	1.89	ND	ND	ND	ND	1.77	2.16	1.72	ND	ND	ND	
10/04/06		ND	Pumping 06/26- 10/31	3.21	2.34	3.22	2.52	1.96	2.28	ND	1.94	2.02	1.72	2.83	2.73	2.95	1.17 ppb
09/06/06		ND		3.90	3.51	3.45		ND	3.01	ND	ND	ND	ND	ND	ND	ND	
08/02/06		ND		2.84	2.44	3.37	3.72	2.23	2.44	ND	2.53	2.33	ND	2.29	2.09	ND	
07/12/06		ND		1.87	ND	ND	3.30	1.87	1.56	ND	ND	ND	ND	ND	1.33	ND	
06/12/06		ND			ND	2.06	3.63	1.60	1.95	ND	ND	ND	ND	ND	ND	1.80	
05/02/06		ND		1.91	ND	1.35	2.79	ND	ND	ND	ND	ND	ND	ND	ND	1.85	
04/06/06		ND		ND	ND	1.90	1.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	
03/07/06		ND		ND	ND	ND	1.41	2.40	ND	ND	ND	ND		ND	ND	ND	
02/07/06				ND	ND	ND	1.63	ND	ND	ND	ND	3.96		ND	ND	ND	
01/10/06				1.39	ND	1.92	3.06	ND	ND	ND	ND	ND	ND	1.32	ND	ND	
12/08/05				ND	ND	1.56	2.57	ND	ND	ND	ND	ND	ND	ND	ND	1.46	
11/08/05				1.80	ND	1.61	2.91	1.31	1.65	ND	ND	ND	ND	ND	ND	ND	
10/04/05		ND	Pumping 05/21 - 10/24	1.58	ND	1.72	2.94	1.45	1.61	ND	ND	ND	ND	ND	ND	1.40	
09/07/05		ND		1.54	ND	2.35	2.76	ND	2.16	ND	ND	ND	ND	ND	ND	1.42	
08/02/05		ND		2.16	ND	2.13	2.76	ND	1.96	ND	1.39	1.33	ND	ND	ND	ND	
07/05/05		ND		ND	1.32	2.73	2.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	
06/07/05		ND		ND	1.29	2.05	3.05	ND	1.72	ND	1.41	ND	ND	ND	ND	ND	
05/05/05		ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		
04/05/05		ND		ND	ND	2.40	1.30	ND	ND	ND	ND	ND	ND		ND		
03/08/05		ND		ND	2.34	ND	2.44	ND	ND	ND	ND	ND	ND		2.04		
02/10/05		1.93		ND	ND	ND	ND	ND	2.44	ND	ND	ND	ND		ND		
01/13/05		ND		ND	ND	1.37	1.65	ND	ND	ND	ND	ND	ND		ND		
12/14/04		ND	Pumping 05/04 - 12/27	ND	ND	1.81	2.83	ND	1.79	ND	ND	ND	ND		1.33		
11/16/04		ND		2.38	ND	2.74	3.14	2.11	1.44	ND	ND	1.60	ND		ND		
10/19/04		1.63		1.97	ND	2.93	2.61	1.39	2.43	ND	ND	2.21	ND		1.68		
09/21/04		ND		2.63	1.95	3.77	3.48	2.75	2.47	ND	2.69	2.16	1.33		2.78		
08/17/04		ND		3.04	1.98		3.61	1.87	2.22	ND	2.31	1.58	1.32		1.73		
07/20/04		ND		2.79	1.35			2.12	2.21	ND	2.19	1.74	ND	1.65	1.99		
06/15/04				2.99	2.12		3.70	2.73	2.84	ND	2.54	1.60			1.80		
06/10/04		ND		2.85	ND	3.93	3.90	ND	2.33	1.89	2.47	2.14	ND		2.14		1.3 ppb
05/26/04														2.48			
05/18/04		ND		3.26	ND	3.81		2.88	2.25	ND	2.48	1.78	ND		2.92		
04/20/04		ND		2.35	ND	2.70	3.04	ND	1.64	ND	ND	ND	ND		ND		
03/16/04		ND		1.81	ND	1.42	1.71		1.56	ND	ND	ND	ND		ND		
02/17/04		ND		1.90	ND	ND	1.70	ND	ND	ND	ND	ND	ND				
01/13/04		ND		2.85	ND	2.81	ND	ND	2.04	ND	1.80	1.48	ND		ND		
12/09/03		ND		ND	ND	3.03	4.03	ND	1.86	ND	1.56	ND		ND			
11/10/03		ND		1.68	1.58	1.71	2.78	1.45	2.30	ND	1.86	1.44	ND	1.57			
10/14/03		ND	Pumping 08/04 - 10/31	2.33	1.45		1.70	1.66	1.80	ND	2.11	1.69	ND	ND			
09/16/03		ND		1.79	ND		2.46	1.31	2.21	ND	1.66	ND	ND	ND			
08/19/03		ND		2.46	ND			1.52	ND		1.93	1.82	ND	1.41			
07/15/03		ND		1.41	ND	1.76	ND	ND	ND	ND	ND	ND	ND	ND			
07/11/03					2.11												
06/27/03					1.81												
06/17/03		ND		1.76	1.50	2.44	2.50	ND	1.66	1.71	ND	ND	ND	ND			
05/19/03		ND		1.50	ND	1.50	2.16	ND	1.67	ND	1.87	ND	ND	1.44			
04/23/03		ND															
04/15/03								1.80	2.44	ND				1.62			
04/14/03											2.71	1.54	ND				
03/20/03								3.21									
03/19/03									1.93								
03/13/03		2.18								ND	3.76	1.98	ND				
03/06/03														2.98			
02/25/03																	
02/19/03				1.98	1.38		2.55										
01/16/03		2.93		2.15	3.40	3.53	2.56		3.44	ND	3.49	3.66	3.26	2.46			

NOTES

- all readings in parts per billion (ppb)
- unless otherwise noted, the dark colored boxes without readings reflect tests where the lab data is no longer available

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APPENDIX A

J-FLAG PERCHLORATE DATA SHEETS AND LABORATORY REPORTS

*Based on a MDL value of 1.3 ppb.

Run#	Submission#	Order #	Sample Date	Sample Description	Result	Dilution
3003	2003010869	284261	01/16/2003	Dunne II Well 4310006	3.40	1
3014	2003021101	294400	02/19/2003	Dunne II Well	1.38	1
3032	2003051197	323854	05/19/2003	Dunne II Well	ND	1
3038	2003061211	334134	06/17/2003	Dunne II Well	1.50	1
3040	2003061946	338097	06/27/2003	Dunne Well 2	1.81	1
3043	2003070829	342941	07/11/2003	Dunne II Well	2.11	1
3044	2003071075	344583	07/16/2003	Dunne II Well	ND	1
3058	2003081306	358059	08/19/2003	Dunne II Well 4310006	ND	1
3063	2003091073	368695	09/16/2003	Dunne II Well	ND	1
3068	2003101008	379059	10/14/2003	Dunne II Well	1.45	1
3073	2003110603	388119	11/10/2003	Dunne II Well	1.58	1
3079	2003120670	398074	12/09/2003	Dunne Well 2	ND	1
4003	2004010701	408761	01/13/2004	Dunne II Well	ND	1
4008	2004020970	419529	02/17/2004	Dunne II Well	ND	1
4012	2004031138	429425	03/16/2004	Dunne II Well 4310006	ND	1
4015	2004041192	440750	04/20/2004	Dunne II Well 4310006	ND	1
4017	2004051176	450459	05/18/2004	Dunne II Well	ND	1
4021	2004060813	459384	06/10/2004	Dunne II Well	ND	1
4021	2004061069	461021	06/15/2004	Dunne II Well	2.12	1
4027	2004071259	473273	07/20/2004	Dunne II Well	1.35	1
4030	2004080655	481349	08/06/2004	Dunne II Well	1.73	1
4031	2004081280	484951	08/17/2004	Dunne Well 2	1.98	1
4034	2004082190	490214	08/30/2004	Dunne II Well	ND	1
4034	2004090499	493291	09/03/2004	Dunne Well II	ND	1
4036	2004091546	499123	09/21/2004	Dunne II Well	1.95	1
4041	2004101288	510273	10/19/2004	Dunne II Well	ND	1
4046	2004111130	520691	11/16/2004	Dunne II Well	ND	1
4051	20004120986	529830	12/14/2004	Dunne Well II	ND	1
5004	2005010875	539402	01/13/2005	Dunne II Well	ND	1

Based on MDL Value of 1.3 ppb

Client	Submission#	Order #	Sample Date	Sample Description	Result	Dilution	PQL, ppb
MONTEREY_CHD	2005020862	548737	2/10/2005	Dunne II Well	ND	1	4
MONTEREY_CHD	2005030625	557748	3/8/2005	Dunne II Well	2.34	1	4
MONTEREY_CHD	2005040281	566969	4/5/2005	Dunne II Well	ND	1	4
MONTEREY_CHD	2005050455	579386	5/5/2005	Dunne II Well	ND	1	4
MONTEREY_CHD	2005060569	591849	6/7/2005	Dunne II Well	1.29	1	4
MONTEREY_CHD	2005070262	603088	7/5/2005	Dunne II Well	1.32	1	4
MONTEREY_CHD	2005080274	615285	8/1/2005	Dunne II Well	ND	1	4
MONTEREY_CHD	2005090489	631389	9/7/2005	Dunne II Well	ND	1	4
MONTEREY_CHD	2005100252	642895	10/4/2005	Dunne II Well	ND	1	4
MONTEREY_CHD	2005110704	656818	11/8/2005	Dunne II Well	ND	1	4
MONTEREY_CHD	2005120723	667905	12/8/2005	Dunne II Well	ND	1	4
MONTEREY_CHD	2006010640	678769	1/10/2006	Dunne II Well	ND	1	4
MONTEREY_CHD	2006020537	687877	2/7/2006	Dunne II Well	ND	1	4

Based on an MDL of 1.3ppb.

Dunne well #2 "J" values

	Order#	Result
Apr-06	708065	ND
May-06	716512	ND
Jun-06	732215	ND
Jul-06	742338	ND

Condit Well

*Based on a MDL value of 1.3 ppb.

Run#	Submission#	Order #	Sample Date	Result	Dilution
3003	2003010869	284269	01/16/2003	3.53	1
3014	2003021101	294408	02/19/2003	5.19	1
3015	2003021460	296415	02/25/2003	Missing	1
3019	2003031193	303773	03/19/2003	Missing	1
3026	2003041566	315456	04/23/2003	Missing	1
3032	2003051197	323864	05/19/2003	1.50	1
3038	2003061211	334144	06/17/2003	2.44	1
3044	2003070981	343990	07/15/2003	1.76	1
3058	2003081306	358068	08/19/2003	4.34	1
3063	2003091073	368704	09/16/2003	3.67	1
3068	2003101008	379068	10/14/2003	4.00	1
3073	2003110603	388128	11/10/2003	1.71	1
3079	2003120670	398083	12/09/2003	3.06	1
4003	2004010701	408770	01/13/2004	2.81	1
4008	2004020970	419537	02/17/2004	0.00	1
4012	2004031138	429434	03/16/2004	1.42	1
4015	2004041192	440759	04/20/2004	2.70	1
4017	2004051176	450467	05/18/2004	3.81	1
4021	2004060813	459393	06/10/2004	3.93	1
4021	2004061069	461029	06/15/2004	5.20	1
4023	2004061882	465758	06/29/2004	4.90	1
4027	2004071259	473281	07/20/2004	4.08	1
4031	2004081280	484959	08/17/2004	4.58	1
4036	2004091546	499131	09/21/2004	3.77	1
4041	2004101288	510281	10/19/2004	2.93	1
4046	2004111130	520699	11/16/2004	2.74	1
4051	2004120986	529838	12/14/2004	1.81	1
5004	2005010875	539410	01/13/2005	1.37	1

5009	2005020862	548745	02/10/2005	0.00	1
5013	2005030625	557757	03/08/2005	0.00	1
5018	2005040281	566978	04/05/2005	3.40	1
5022	2005050455	579395	05/05/2005	0.00	1
5031	2005060569	591858	06/07/2005	2.05	1
5037	2005070262	603097	07/05/2005	2.73	1
5042	2005080274	615294	08/02/2005	2.13	1
5050	2005090489	631398	09/07/2005	2.35	1
5059	2005100252	642903	10/04/2005	1.72	1
5067	2005110704	656826	11/08/2005	1.61	1
5071	2005120723	667913	12/08/2005	1.56	1
6004	2006010640	678777	01/10/2006	1.92	1
6008	2006020537	687884	02/07/2006	0.00	1
6012	2006021405	692174	02/15/2006	0.00	1
2006015	2006030617	697314	03/07/2006	0.00	1
2006021	2006040450	708074	04/06/2006	1.90	1
2006028	2006050199	716510	05/02/2006	1.96	1
2006028	2006050201	716527	05/02/2006	1.35	1

San Pedro Well

*Based on a MDL value of 1.3 ppb.

Run#	Submission#	Order #	Sample Date	Result	Dilution
3003	2003010869	284270	01/16/2003	2.56	1
3014	2003021101	294410	02/19/2003	2.55	1
3032	2003051197	323865	05/19/2003	2.16	1
3038	2003061211	334145	06/17/2003	2.50	1
3044	2003070981	343991	07/15/2003	0.00	1
3058	2003081306	358069	08/19/2003	3.25	1
3063	2003091073	368705	09/16/2003	2.46	1
3068	2003101008	379069	10/14/2003	1.70	1
3073	2003110603	388129	11/10/2003	2.78	1
3079	2003120670	398085	12/09/2003	3.02	1
4003	2004010701	408771	01/13/2004	0.00	1
4008	2004020970	419538	02/17/2004	1.70	1
4012	2004031138	429435	03/16/2004	1.71	1
4015	2004041192	440760	04/20/2004	3.04	1
4017	2004051176	450468	05/18/2004	3.28	1
4022	2004060813	459394	06/10/2004	3.60	1
4021	2004061069	461030	06/15/2004	3.70	1
4027	2004071259	473282	07/20/2004	4.30	1
4031	2004081280	484960	08/17/2004	3.61	1
4036	2004091546	499132	09/21/2004	3.46	1
4041	2004101288	510282	10/19/2004	2.61	1
4046	2004111130	520700	11/16/2004	3.14	1
4051	2004120986	529839	12/14/2004	2.83	1
5004	2005010875	539411	01/13/2005	1.65	1
5009	2005020862	548746	02/10/2005	0.00	1
5013	2005030625	557758	03/08/2005	2.44	1
5018	2005040281	566979	04/05/2005	1.30	1
5022	2005050455	579396	05/05/2005	0.00	1

5031	2005060569	591859	06/07/2005	3.03	1
5037	2005070262	603098	07/05/2005	2.35	1
5042	2005080274	615295	08/02/2005	2.76	1
5050	2005090489	631399	09/07/2005	2.76	1
5059	2005100252	642904	10/04/2005	2.94	1
5067	2005110704	656827	11/08/2005	2.91	1
5071	2005120723	667914	12/08/2005	2.57	1
6004	2006010640	678778	01/10/2006	3.06	1
6008	2006020537	687885	02/07/2006	1.63	1
2006015	2006030617	697315	03/07/2006	1.41	1
2006021	2006040450	708075	04/06/2006	1.46	1
2006028	2006050200	716513	05/02/2006	2.79	1

Dunne I Well

*Based on a MDL value of 1.3 ppb.

Run#	Submission#	Order #	Sample Date	Result	Dilution
3003	2003010869	284260	01/16/2003	2.15	1
3014	2003021101	294399	02/19/2003	1.98	1
3032	2003051197	323853	05/19/2003	1.50	1
3038	2003061211	334133	06/17/2003	1.76	1
3044	2003070981	343980	07/15/2003	1.41	1
3058	2003081306	358058	08/19/2003	2.46	1
3063	2003091073	368694	09/16/2003	1.79	1
3068	2003101008	379058	10/14/2003	2.33	1
3073	2003110603	388118	11/10/2003	1.68	1
3079	2003120670	398073	12/09/2003	0.00	1
4003	2004010701	408760	01/13/2004	2.85	1
4008	2004020970	419528	02/17/2004	1.90	1
4012	2004031138	429424	03/16/2004	1.81	1
4015	2004041192	440749	04/20/2004	2.35	1
4017	2004051176	450458	05/18/2004	3.28	1
4021	2004060813	459383	06/10/2004	2.85	1
4021	2004061069	461020	06/15/2004	2.99	1
4027	2004071259	473272	07/20/2004	2.79	1
4031	2004081280	484950	08/17/2004	3.04	1
4036	2004091546	499122	09/21/2004	2.63	1
4041	2004101288	510272	10/19/2004	1.97	1
4046	2004111130	520690	11/16/2004	2.38	1
4051	2004120986	529829	12/14/2004	0.00	1
5004	2005010875	539401	01/13/2005	0.00	1
5009	2005020862	548736	02/10/2005	0.00	1
5013	2005030625	557747	03/08/2005	0.00	1
5018	2005040281	566968	04/05/2005	0.00	1
5022	2005050455	579385	05/05/2005	0.00	1

5031	2005060569	591848	06/07/2005	0.00	1
5037	2005070262	603087	07/05/2005	0.00	1
5042	2005080274	615284	08/02/2005	2.16	1
5049	2005090489	631388	09/07/2005	1.54	1
5059	2005100252	642894	10/04/2005	1.58	1
5066	2005110704	656817	11/08/2005	1.80	1
5071	2005120723	667904	12/08/2005	0.00	1
6003	2006010640	678768	01/10/2006	1.39	1
6008	2006020537	687876	02/07/2006	0.00	1
2006015	2006030617	697304	03/07/2006	0.00	1
2006021	2006040450	708064	04/06/2006	0.00	1
2006028	2006050201	716516	05/02/2006	1.91	1

Nordstrom Well

*Based on a MDL value of 1.3 ppb.

Run#	Submission#	Order #	Sample Date	Result	Dilution
3061	2003090220	363795	09/02/2003	3.37	1
3062	2003090520	365425	09/08/2003	3.40	1
3065	2003091493	371198	09/22/2003	3.84	1
3066	2003100012	373837	09/29/2003	3.35	1
4016	2004050164	445123	05/04/2004	3.38	1
4018	2004051094	450011	05/17/2004	3.96	1
4020	2004060463	457620	06/07/2004	4.37	1
4022	2004060932	460302	06/14/2004	4.26	1
4022	2004061413	462960	06/21/2004	3.91	1
4023	2004061793	465196	06/28/2004	3.92	1
4026	2004070283	467685	07/06/2004	4.25	1
4026	2004070665	469971	07/12/2004	3.30	1
4027	2004071141	472700	07/19/2004	3.98	1
4028	2004071609	475335	07/26/2004	4.05	1
4029	2004080093	478145	08/02/2004	4.07	1
4030	2004080656	481352	08/09/2004	3.96	1
4031	2004081165	484339	08/16/2004	3.85	1
4032	2004081659	487201	08/23/2004	3.67	1
4034	2004082196	490239	08/30/2004	3.57	1
4034	2004090490	493215	09/07/2004	3.50	1
4035	2004090918	495570	09/13/2004	4.30	1
4036	2004091429	498553	09/20/2004	3.88	1
4037	2004091957	501288	09/27/2004	3.96	1
4039	2004100693	506927	10/07/2004	2.51	1
4039	2004100695	506935	10/11/2004	3.61	1
4041	2004101157	509695	10/18/2004	4.55	1
4042	2004101672	512376	10/25/2004	4.00	1
4044	2004110606	517378	11/08/2004	Missing	1

4046	2004111030	520124	11/15/2004	2.90	1
4047	2004111507	523021	11/22/2004	3.21	1
4050	2004120357	526695	12/06/2004	2.90	1
4051	2004120850	529207	12/13/2004	3.09	1
5001	2004121765	533870	12/27/2004	4.56	1
5030	2005060038	588995	05/31/2004	2.31	1
5030	2005060433	591155	06/06/2005	2.63	1
5033	2005060976	593943	06/13/2005	3.21	1
5034	2005061506	596858	06/20/2005	4.31	1
5035	2005062078	599916	06/27/2005	2.54	1
5038	2005070678	605511	07/11/2005	2.64	1
5039	2005071230	608672	07/18/2005	3.42	1
5041	2005071797	611779	07/25/2005	2.53	1
5043	2005080077	614455	08/01/2005	3.33	1
5047	2005082432	627431	08/29/2005	1.50	1
5049	2005090344	630591	09/06/2005	2.87	1
5050	2005090812	633034	09/12/2005	2.94	1
5054	2005091958	639236	09/26/2005	1.98	1
5058	2005100071	641981	10/03/2005	2.44	1
5060	2005100719	645407	10/10/2005	2.76	1
5063	2005101709	650877	10/24/2005	2.99	1
5065	2005110005	653284	10/31/2005	2.42	1

BSK sub #	sample #			initial finding	"J" values	sample date			
2005060699	592494	CLO4_IC	Perchlorate	ND	ND	06/08/2005	93605	5031	Main I Well
2005070262	603100	CLO4_IC	Perchlorate	ND	ND	07/05/2005	95163	5037	Main I Well
2005080274	615287	CLO4_IC	Perchlorate	ND	ND	08/02/2005	97286	5042	Main I Well
2005090489	631401	CLO4_IC	Perchlorate	ND	ND	09/07/2005	99459	5050	Main I Well
2005100252	642905	CLO4_IC	Perchlorate	ND	ND	10/04/2005	100846	5059	Main I Well
2005110704	656828	CLO4_IC	Perchlorate	ND	ND	11/08/2005	103025	5067	Main I Well
2005120723	667915	CLO4_IC	Perchlorate	ND	ND	12/08/2005	104659	5071	Main I Well
2006010640	678779	CLO4_IC	Perchlorate	ND	1.32	01/10/2006	106325	6004	Main I Well
2006020537	687887	CLO4_IC	Perchlorate	ND	ND	02/07/2006	107907	6008	Main I Well
2006030617	697317	CLO4_IC	Perchlorate	ND	ND	03/07/2006	109105	2006015	Main Well I
2006040450	708076	CLO4_IC	Perchlorate	ND	ND	04/06/2006	110823	2006021	Main I Well
2006050200	716514	CLO4_IC	Perchlorate	ND	ND	05/02/2006	111986	2006028	Main I Well
2006061085	732231	CLO4_IC	Perchlorate	ND	ND	06/12/2006	114294	2006036	Main I Well
2006070787	742348	CLO4_IC	Perchlorate	ND	ND	07/12/2006	115866	2006044	Main I Well

*Based on an MDL of 1.3 ppb

TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
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www.testamericainc.com

21 November, 2006

Cory Fitch
City of Morgan Hill
100 Edes Ct.
Morgan Hill, CA 95037

RE: -
Work Order: MPH0124

Enclosed are the results of analyses for samples received by the laboratory on 08/02/06 16:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Douglas Clark
Project Manager

CA ELAP Certificate # 1210

TestAmerica
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Partial Report

City of Morgan Hill	Project: -	MPH0124
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Dunne I Well	MPH0124-01	Water	08/02/06 13:40	08/02/06 16:20
Dunne II Well	MPH0124-02	Water	08/02/06 13:45	08/02/06 16:20
Jackson I Well	MPH0124-03	Water	08/02/06 14:15	08/02/06 16:20
Diana I Well	MPH0124-04	Water	08/02/06 14:10	08/02/06 16:20
Diana II Well	MPH0124-05	Water	08/02/06 14:05	08/02/06 16:20
Diana III Well	MPH0124-06	Water	08/02/06 13:55	08/02/06 16:20
Boys Ranch I Well	MPH0124-07	Water	08/02/06 15:05	08/02/06 16:20
Boys Ranch II Well	MPH0124-08	Water	08/02/06 14:45	08/02/06 16:20
Boys Ranch III Well	MPH0124-09	Water	08/02/06 14:55	08/02/06 16:20
Main Well II (New)	MPH0124-10	Water	08/02/06 15:45	08/02/06 16:20
Condit Well	MPH0124-11	Water	08/02/06 14:30	08/02/06 16:20
San Pedro Well	MPH0124-12	Water	08/02/06 13:30	08/02/06 16:20
Main I Well	MPH0124-13	Water	08/02/06 15:40	08/02/06 16:20
Butterfield Well	MPH0124-14	Water	08/02/06 15:55	08/02/06 16:20

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

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Partial Report

City of Morgan Hill 100 Edes Ct. Morgan Hill CA, 95037	Project: - Project Number: - Project Manager: Cory Fitch	MPH0124 **Reported:** 11/21/06 08:18

Perchlorate by EPA 314.0
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dunne I Well (MPH0124-01) Water Sampled: 08/02/06 13:40 Received: 08/02/06 16:20										
Perchlorate	**2.84**	1.17	4.00	ug/l	1	6H09003	08/07/06	08/08/06	EPA 314.0	J
Dunne II Well (MPH0124-02) Water Sampled: 08/02/06 13:45 Received: 08/02/06 16:20										
Perchlorate	**2.44**	1.17	4.00	ug/l	1	6H09003	08/07/06	08/08/06	EPA 314.0	J
Jackson I Well (MPH0124-03) Water Sampled: 08/02/06 14:15 Received: 08/02/06 16:20										
Perchlorate	ND	1.17	4.00	ug/l	1	6H09003	08/07/06	08/08/06	EPA 314.0	
Diana I Well (MPH0124-04) Water Sampled: 08/02/06 14:10 Received: 08/02/06 16:20										
Perchlorate	**2.23**	1.17	4.00	ug/l	1	6H09003	08/07/06	08/08/06	EPA 314.0	J
Diana II Well (MPH0124-05) Water Sampled: 08/02/06 14:05 Received: 08/02/06 16:20										
Perchlorate	**2.44**	1.17	4.00	ug/l	1	6H09003	08/07/06	08/08/06	EPA 314.0	J
Diana III Well (MPH0124-06) Water Sampled: 08/02/06 13:55 Received: 08/02/06 16:20										
Perchlorate	ND	1.17	4.00	ug/l	1	6H09003	08/07/06	08/08/06	EPA 314.0	
Boys Ranch I Well (MPH0124-07) Water Sampled: 08/02/06 15:05 Received: 08/02/06 16:20										
Perchlorate	**2.53**	1.17	4.00	ug/l	1	6H09003	08/07/06	08/08/06	EPA 314.0	J
Boys Ranch II Well (MPH0124-08) Water Sampled: 08/02/06 14:45 Received: 08/02/06 16:20										
Perchlorate	**2.33**	1.17	4.00	ug/l	1	6H09003	08/07/06	08/08/06	EPA 314.0	J
Boys Ranch III Well (MPH0124-09) Water Sampled: 08/02/06 14:55 Received: 08/02/06 16:20										
Perchlorate	ND	1.17	4.00	ug/l	1	6H09003	08/07/06	08/08/06	EPA 314.0	

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Partial Report

City of Morgan Hill	Project: -	MPH0124
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:18

Perchlorate by EPA 314.0
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Main Well II (New) (MPH0124-10) Water Sampled: 08/02/06 15:45 Received: 08/02/06 16:20										
Perchlorate	**2.09**	1.17	4.00	ug/l	1	6H10022	08/09/06	08/09/06	EPA 314.0	J
Condit Well (MPH0124-11) Water Sampled: 08/02/06 14:30 Received: 08/02/06 16:20										
Perchlorate	**3.37**	1.17	4.00	ug/l	1	6H10022	08/09/06	08/09/06	EPA 314.0	J
San Pedro Well (MPH0124-12) Water Sampled: 08/02/06 13:30 Received: 08/02/06 16:20										
Perchlorate	**3.72**	1.17	4.00	ug/l	1	6H10022	08/09/06	08/09/06	EPA 314.0	J
Main 1 Well (MPH0124-13) Water Sampled: 08/02/06 15:40 Received: 08/02/06 16:20										
Perchlorate	**2.29**	1.17	4.00	ug/l	1	6H10022	08/09/06	08/09/06	EPA 314.0	J
Butterfield Well (MPH0124-14) Water Sampled: 08/02/06 15:55 Received: 08/02/06 16:20										
Perchlorate	ND	1.17	4.00	ug/l	1	6H10022	08/09/06	08/09/06	EPA 314.0	

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Partial Report

City of Morgan Hill	Project: -	MPH0124
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:18

Perchlorate by EPA 314.0 - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H09003 - General Preparation / EPA 314.0											
Blank (6H09003-BLK1)					Prepared & Analyzed: 08/07/06						
Perchlorate	ND	1.17	4.00	ug/l							
Laboratory Control Sample (6H09003-BS1)					Prepared & Analyzed: 08/07/06						
Perchlorate	28.1	1.17	4.00	ug/l	25.0		112	85-115			
Matrix Spike (6H09003-MS1)	**Source: MPH0017-01**				Prepared & Analyzed: 08/07/06						
Perchlorate	46.6	1.17	4.00	ug/l	25.0	24.5	88	80-120			
Matrix Spike Dup (6H09003-MSD1)	**Source: MPH0017-01**				Prepared & Analyzed: 08/07/06						
Perchlorate	46.4	1.17	4.00	ug/l	25.0	24.5	88	80-120	0.4	15	
Batch 6H10022 - General Preparation / EPA 314.0											
Blank (6H10022-BLK1)					Prepared & Analyzed: 08/09/06						
Perchlorate	ND	2.00	4.00	ug/l							
Laboratory Control Sample (6H10022-BS1)					Prepared & Analyzed: 08/09/06						
Perchlorate	26.6	2.00	4.00	ug/l	25.0		106	85-115			
Matrix Spike (6H10022-MS1)	**Source: MPH0118-01**				Prepared & Analyzed: 08/09/06						
Perchlorate	21.9	2.00	4.00	ug/l	25.0	3.95	72	80-120			QM07
Matrix Spike (6H10022-MS2)	**Source: MPH0118-01RE1**				Prepared: 08/09/06 Analyzed: 08/14/06						
Perchlorate	23.1	2.00	4.00	ug/l	25.0	4.38	75	80-120			QM07
Matrix Spike Dup (6H10022-MSD1)	**Source: MPH0118-01**				Prepared & Analyzed: 08/09/06						
Perchlorate	22.1	2.00	4.00	ug/l	25.0	3.95	73	80-120	0.9	15	QM07

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Partial Report

City of Morgan Hill	Project: -	MPH0124
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:18

Perchlorate by EPA 314.0 - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6H10022 - General Preparation / EPA 314.0											
Matrix Spike Dup (6H10022-MSD2)	**Source: MPH0118-01RE1**				Prepared: 08/09/06 Analyzed: 08/14/06						
Perchlorate	23.5	2.00	4.00	ug/l	25.0	4.38	76	80-120	2	15	QM07

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Partial Report

City of Morgan Hill 100 Edes Ct. Morgan Hill CA, 95037	Project: - Project Number: - Project Manager: Cory Fitch	MPH0124 **Reported:** 11/21/06 08:18

Notes and Definitions

QM07	The spike recovery was below control limits for the MS and/or MSD due to matrix interference. Re-extraction/re-analysis performed to confirm original MS/MSD results.
J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

(5-DAY Testing) MPH0124

Client Name: City of Morgan Hill	Report Attention: Cory Fitch, Water Qual Spec.
Address: 17555 Peak Ave.	Copy to: CDHS & Santa Clara Co. E.H.
City, State, Zip: Morgan Hill, CA 95037	Phone: (408) 776-7333 / Fax: (408) 779-6282

Collected by (Print & Sign): Cory Fitch Cory Fitch	Received by: [signature]	Date & Time: 8/2/06, 4:20pm
Relinquished by: Cory Fitch	Received for Laboratory: Test America-MH	Date & Time: 8-2-06 16:20

(ALL Samples Test DLR 4 PPb).

Lab Number	Sample ID (Sweeps #)	Sample Location	Collection Date & Time	Sample type[1]	Requested analyses
01	4310006-009	DUNNE I WELL	8/2/06 1:40pm	D-Routine	Perchlorate
02	4310006-015	DUNNE II WELL	8/2/06 1:45pm	D-Routine	Perchlorate
MCM ~~03~~ ~~03~~	4310006-017	NORDSTROM WELL	X	D-Routine	Perchlorate
MCM ~~04~~ ~~04~~ 03	4310006-010	JACKSON I WELL	8/2/06 2:15pm	D-Routine	Perchlorate
MCM ~~05~~ ~~05~~ 04	4310006-007	Diana I WELL	8/2/06 4:10pm	D-Routine	Perchlorate
MCM ~~06~~ ~~06~~ 05	4310006-008	DIANA II WELL	8/2/06 2:05p.m.	D-Routine	Perchlorate
MCM ~~07~~ ~~07~~ 06	4310006-016	DIANA III WELL	8/2/06 1:55pm	D-Routine	Perchlorate
MCM ~~08~~ ~~08~~ 07	4310006-001	BOYS RANCH I WELL	8/2/06 3:05Am	D-Routine	Perchlorate
MCM 09 ~~09~~ 08	4310006-002	BOYS RANCH II WELL	8/2/06 2:45p.m.	D-Routine	Perchlorate
MCM 10 ~~10~~ 09	4310006-003	BOYS RANCH III WELL	8/2/06 2:55pm	D-Routine	Perchlorate
MCM ~~11~~ 10	4310006-	MAIN WELL II (NEW)	8/2/06 3:45pm	D-Routine	Perchlorate
MCM ~~12~~ 11	4310006-006	CONDIT WELL	8/2/06 2:30pm	D-Routine	Perchlorate
MCM ~~13~~ 12	4310006-032	SAN PEDRO WELL	8/2/06 1:30p.m	D-Routine	Perchlorate
[ ] Other comments: MORGHIL5	13	Main I Well	8/2/06 3:40p.m	D-Routine	Perchlorate
	14	Butterfield Well	8/2/06 3:55pm	D-Routine	Perchlorate

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: City of Morgan Hill
REC. BY (PRINT): LP.
WORKORDER: MPH 0129

DATE REC'D AT LAB: 8-2-06
TIME REC'D AT LAB: 16:20
DATE LOGGED IN: 8-3-06

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent; Intact / Broken*									
2. Chain-of-Custody Present / Absent*									
3. Traffic Reports or Packing List: Present / Absent									
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #:									
6. Sample Labels: Present / Absent									
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*									
14. Read Temp: 22.6C; Corrected Temp: 22.6C; Is corrected temp 4 +/-2°C? Yes / No** (Acceptance range for samples requiring thermal pres.)									
**Exception (if any): METALS OFF ON ICE									
Problem COC									

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

TestAmerica
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21 November, 2006

Cory Fitch
City of Morgan Hill
100 Edes Ct.
Morgan Hill, CA 95037

RE: -
Work Order: MPI0128

Enclosed are the results of analyses for samples received by the laboratory on 09/06/06 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Douglas Clark

Douglas Clark
Project Manager

CA ELAP Certificate # 1210

TestAmerica
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Partial Report

City of Morgan Hill	Project: -	MPI0128
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Dunne I Well	MPI0128-01	Water	09/06/06 08:00	09/06/06 15:30
Dunne II Well	MPI0128-02	Water	09/06/06 08:05	09/06/06 15:30
Jackson I Well	MPI0128-03	Water	09/06/06 14:15	09/06/06 15:30
Diana I Well	MPI0128-04	Water	09/06/06 08:40	09/06/06 15:30
Diana II Well	MPI0128-05	Water	09/06/06 12:50	09/06/06 15:30
Diana III Well	MPI0128-06	Water	09/06/06 08:10	09/06/06 15:30
Boys Ranch I Well	MPI0128-07	Water	09/06/06 13:20	09/06/06 15:30
Boys Ranch II Well	MPI0128-08	Water	09/06/06 13:00	09/06/06 15:30
Boys Ranch III Well	MPI0128-09	Water	09/06/06 13:10	09/06/06 15:30
Main Well II (New)	MPI0128-10	Water	09/06/06 08:30	09/06/06 15:30
Condit Well	MPI0128-11	Water	09/06/06 13:55	09/06/06 15:30
San Pedro Well	MPI0128-12	Water	09/06/06 07:50	09/06/06 15:30
Main I Well	MPI0128-13	Water	09/06/06 14:45	09/06/06 15:30
Butterfield Well	MPI0128-14	Water	09/06/06 08:20	09/06/06 15:30

This report has been revised to include the re-analysis of three samples: Dunne I Well (MPI0128-01), Dunne II Well (MPI0128-02), and San Pedro Well (MPI0128-12).

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TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
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www.testamericainc.com

Partial Report

City of Morgan Hill	Project: -	MPI0128
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:24

Perchlorate by EPA 314.0
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dunne I Well (MPI0128-01) Water	**Sampled: 09/06/06 08:00**	**Received: 09/06/06 15:30**								
Perchlorate	**3.90**	1.17	4.00	ug/l	1	6I08004	09/07/06	09/07/06	EPA 314.0	J
Dunne I Well (MPI0128-01RE1) Water	**Sampled: 09/06/06 08:00**	**Received: 09/06/06 15:30**								
Perchlorate	**3.13**	1.17	4.00	ug/l	1	6I13012	09/12/06	09/13/06	EPA 314.0	J
Dunne II Well (MPI0128-02) Water	**Sampled: 09/06/06 08:05**	**Received: 09/06/06 15:30**								
Perchlorate	**3.51**	1.17	4.00	ug/l	1	6I08004	09/07/06	09/07/06	EPA 314.0	J
Dunne II Well (MPI0128-02RE1) Water	**Sampled: 09/06/06 08:05**	**Received: 09/06/06 15:30**								
Perchlorate	**3.00**	1.17	4.00	ug/l	1	6I13012	09/12/06	09/13/06	EPA 314.0	J
Jackson I Well (MPI0128-03) Water	**Sampled: 09/06/06 14:15**	**Received: 09/06/06 15:30**								
Perchlorate	ND	1.17	4.00	ug/l	1	6I08004	09/07/06	09/07/06	EPA 314.0	
Diana I Well (MPI0128-04) Water	**Sampled: 09/06/06 08:40**	**Received: 09/06/06 15:30**								
Perchlorate	ND	1.17	4.00	ug/l	1	6I08004	09/07/06	09/07/06	EPA 314.0	
Diana II Well (MPI0128-05) Water	**Sampled: 09/06/06 12:50**	**Received: 09/06/06 15:30**								
Perchlorate	**3.01**	1.17	4.00	ug/l	1	6I08004	09/07/06	09/07/06	EPA 314.0	J
Diana III Well (MPI0128-06) Water	**Sampled: 09/06/06 08:10**	**Received: 09/06/06 15:30**								
Perchlorate	ND	1.17	4.00	ug/l	1	6I08004	09/07/06	09/07/06	EPA 314.0	
Boys Ranch I Well (MPI0128-07) Water	**Sampled: 09/06/06 13:20**	**Received: 09/06/06 15:30**								
Perchlorate	ND	1.17	4.00	ug/l	1	6I08004	09/07/06	09/07/06	EPA 314.0	

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Partial Report

City of Morgan Hill	Project: -	MPI0128
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:24

Perchlorate by EPA 314.0
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boys Ranch II Well (MPI0128-08) Water Sampled: 09/06/06 13:00 Received: 09/06/06 15:30										
Perchlorate	ND	1.17	4.00	ug/l	1	6I08004	09/07/06	09/07/06	EPA 314.0	
Boys Ranch III Well (MPI0128-09) Water Sampled: 09/06/06 13:10 Received: 09/06/06 15:30										
Perchlorate	ND	1.17	4.00	ug/l	1	6I08007	09/07/06	09/07/06	EPA 314.0	
Main Well II (New) (MPI0128-10) Water Sampled: 09/06/06 08:30 Received: 09/06/06 15:30										
Perchlorate	ND	1.17	4.00	ug/l	1	6I08007	09/07/06	09/07/06	EPA 314.0	
Condit Well (MPI0128-11) Water Sampled: 09/06/06 13:55 Received: 09/06/06 15:30										
Perchlorate	**3.45**	1.17	4.00	ug/l	1	6I08007	09/07/06	09/07/06	EPA 314.0	J
San Pedro Well (MPI0128-12) Water Sampled: 09/06/06 07:50 Received: 09/06/06 15:30										
Perchlorate	**4.41**	1.17	4.00	ug/l	1	6I08007	09/07/06	09/07/06	EPA 314.0	
San Pedro Well (MPI0128-12RE1) Water Sampled: 09/06/06 07:50 Received: 09/06/06 15:30										
Perchlorate	**4.25**	1.17	4.00	ug/l	1	6I13012	09/12/06	09/13/06	EPA 314.0	
Main I Well (MPI0128-13) Water Sampled: 09/06/06 14:45 Received: 09/06/06 15:30										
Perchlorate	ND	1.17	4.00	ug/l	1	6I08007	09/07/06	09/07/06	EPA 314.0	
Butterfield Well (MPI0128-14) Water Sampled: 09/06/06 08:20 Received: 09/06/06 15:30										
Perchlorate	ND	1.17	4.00	ug/l	1	6I08007	09/07/06	09/07/06	EPA 314.0	

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Partial Report

City of Morgan Hill	Project: -	MPI0128
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:24

Perchlorate by EPA 314.0 - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I08004 - General Preparation / EPA 314.0											
Blank (6I08004-BLK1)					Prepared & Analyzed: 09/07/06						
Perchlorate	ND	2.00	4.00	ug/l							
Laboratory Control Sample (6I08004-BS1)					Prepared & Analyzed: 09/07/06						
Perchlorate	25.1	2.00	4.00	ug/l	25.0		100	85-115			
Matrix Spike (6I08004-MS1)	**Source: MPI0118-01**				Prepared & Analyzed: 09/07/06						
Perchlorate	38.8	2.00	4.00	ug/l	25.0	12.3	106	80-120			
Matrix Spike Dup (6I08004-MSD1)	**Source: MPI0118-01**				Prepared & Analyzed: 09/07/06						
Perchlorate	37.7	2.00	4.00	ug/l	25.0	12.3	102	80-120	3	15	
Batch 6I08007 - General Preparation / EPA 314.0											
Blank (6I08007-BLK1)					Prepared & Analyzed: 09/07/06						
Perchlorate	ND	1.17	4.00	ug/l							
Laboratory Control Sample (6I08007-BS1)					Prepared & Analyzed: 09/07/06						
Perchlorate	26.2	1.17	4.00	ug/l	25.0		105	85-115			
Matrix Spike (6I08007-MS1)	**Source: MPI0128-10**				Prepared & Analyzed: 09/07/06						
Perchlorate	26.2	1.17	4.00	ug/l	25.0	ND	105	80-120			
Matrix Spike Dup (6I08007-MSD1)	**Source: MPI0128-10**				Prepared & Analyzed: 09/07/06						
Perchlorate	26.2	1.17	4.00	ug/l	25.0	ND	105	80-120	0	15	
Batch 6I13012 - General Preparation / EPA 314.0											
Blank (6I13012-BLK1)					Prepared & Analyzed: 09/12/06						
Perchlorate	ND	2.00	4.00	ug/l							

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Partial Report

City of Morgan Hill 100 Edes Ct. Morgan Hill CA, 95037	Project: - Project Number: - Project Manager: Cory Fitch	MPI0128 **Reported:** 11/21/06 08:24

Perchlorate by EPA 314.0 - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6I13012 - General Preparation / EPA 314.0											
Laboratory Control Sample (6I13012-BS1)					Prepared & Analyzed: 09/12/06						
Perchlorate	25.9	2.00	4.00	ug/l	25.0		104	85-115			
Matrix Spike (6I13012-MS1)	**Source: MPI0255-01**				Prepared & Analyzed: 09/12/06						
Perchlorate	30.0	2.00	4.00	ug/l	25.0	4.22	103	80-120			
Matrix Spike Dup (6I13012-MSD1)	**Source: MPI0255-01**				Prepared & Analyzed: 09/12/06						
Perchlorate	30.3	2.00	4.00	ug/l	25.0	4.22	104	80-120	1	15	

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Partial Report

City of Morgan Hill	Project: -	MPI0128
100 Edes Ct.	Project Number: -	Reported:
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:24

Notes and Definitions

J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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MPI0128

5-Day Testing

Client Name: City of Morgan Hill	Report Attention: Cory Fitch, Water Qual Spec.
Address: 17555 Peak Ave.	Copy to: CDHS & Santa Clara Co. E.H. Eugene Leung
City, State, Zip: Morgan Hill, CA 95037	Phone: (408) 776-7333 / Fax: (408) 779-6282

Collected by (Print & Sign): Cory Fitch, Cory Fitch	Received by: JWENG (MH)	Date & Time: 9/6/06, 3:30PM
Relinquished by:	Received for Laboratory: J	Date & Time:

Lab Number	Sample ID (Sweeps #)	Sample Location	Collection Date & Time	Sample type(1)	Requested analyses
1	4310006-009	DUNNE I WELL	9/6/06 8:00AM	D-Routine	Perchlorate
2	4310006-015	DUNNE II WELL	9/6/06 8:05AM	D-Routine	Perchlorate
	4310006-017	NORDSTROM WELL		D-Routine	Perchlorate
3	4310006-010	JACKSON I WELL	9/6/06 2:15PM	D-Routine	Perchlorate
4	4310006-007	Diana I WELL	9/6/06 8:40AM	D-Routine	Perchlorate
5	4310006-008	DIANA II WELL	9/6/06 12:50P.M	D-Routine	Perchlorate
6	4310006-016	DIANA III WELL	9/6/06 8:10AM	D-Routine	Perchlorate
7	4310006-001	BOYS RANCH I WELL	9/6/06 1520PM	D-Routine	Perchlorate
8	4310006-002	BOYS RANCH II WELL	9/6/06 1:00PM	D-Routine	Perchlorate
9	4310006-003	BOYS RANCH III WELL	9/6/06 1:10PM	D-Routine	Perchlorate
10	4310006-	MAIN WELL II (NEW)	9/6/06 8:30AM	D-Routine	Perchlorate
11	4310006-006	CONDIT WELL	9/6/06 1:35PM	D-Routine	Perchlorate
12	4310006-032	SAN PEDRO WELL	9/6/06 7:50A.M	D-Routine	Perchlorate
13	4310006-012	Main I Well	9/6/06 2:45PM	D-Routine	Perchlorate
14	4310006-036	Butterfield Well	9/6/06 8:20AM	D-Routine	Perchlorate

[ ] Other Comments:
MCRGHILL

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: City of Morgan Hill
REC. BY (PRINT): JH
WORKORDER: MPI0128

DATE REC'D AT LAB: 9/6/06
TIME REC'D AT LAB: 1530
DATE LOGGED IN: 9/6/06

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERV ATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s): Present / Absent; Intact / Broken*									
2. Chain-of-Custody: Present / Absent*									* 1 (250ml) P for each sample ID.
3. Traffic Reports or Packing List: Present / Absent									
4. Airbill: Airbill / Sticker Present / Absent									
5. Airbill #: —									
6. Sample Labels: Present / Absent									
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (Circle which) Yes / No*									
14. Read Temp: 20°C; Corrected Temp: 20°C; Is corrected temp 4° +/- 2°C? Yes / No** (Acceptance criteria for samples requiring thermal preservation)									
15. Exception (if any): METALS / OTT ONICE or Problem COC:									

DUE 9/16/06 See COC

IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Form 5 (07/03/04)
Replaces Key 5 (07/03/04)
Filed No 07/19/05

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21 November, 2006

Cory Fitch
City of Morgan Hill
100 Edes Ct.
Morgan Hill, CA 95037

RE: -
Work Order: MPJ0244

Enclosed are the results of analyses for samples received by the laboratory on 10/04/06 14:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Douglas Clark

Douglas Clark
Project Manager

CA ELAP Certificate # 1210

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City of Morgan Hill	Project: -	MPJ0244
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Dunne I Well	MPJ0244-01	Water	10/04/06 08:40	10/04/06 14:00
Dunne II Well	MPJ0244-02	Water	10/04/06 08:45	10/04/06 14:00
Jackson I Well	MPJ0244-03	Water	10/04/06 08:50	10/04/06 14:00
Diana I Well	MPJ0244-04	Water	10/04/06 10:50	10/04/06 14:00
Diana II Well	MPJ0244-05	Water	10/04/06 09:00	10/04/06 14:00
Diana III Well	MPJ0244-06	Water	10/04/06 09:10	10/04/06 14:00
Boys Ranch I Well	MPJ0244-07	Water	10/04/06 11:45	10/04/06 14:00
Boys Ranch II Well	MPJ0244-08	Water	10/04/06 11:35	10/04/06 14:00
Boys Ranch III Well	MPJ0244-09	Water	10/04/06 11:40	10/04/06 14:00
Main Well II (New)	MPJ0244-10	Water	10/04/06 11:30	10/04/06 14:00
Condit Well	MPJ0244-11	Water	10/04/06 09:20	10/04/06 14:00
San Pedro Well	MPJ0244-12	Water	10/04/06 08:30	10/04/06 14:00
Main I Well	MPJ0244-13	Water	10/04/06 11:25	10/04/06 14:00
Butterfield Well	MPJ0244-14	Water	10/04/06 11:10	10/04/06 14:00

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City of Morgan Hill	Project: -	MPJ0244
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:27

Perchlorate by EPA 314.0
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dunne I Well (MPJ0244-01) Water	**Sampled: 10/04/06 08:40**		**Received: 10/04/06 14:00**							
Perchlorate	**3.21**	1.17	4.00	ug/l	1	6J09011	10/06/06	10/06/06	EPA 314.0	J
Dunne II Well (MPJ0244-02) Water	**Sampled: 10/04/06 08:45**		**Received: 10/04/06 14:00**							
Perchlorate	**2.34**	1.17	4.00	ug/l	1	6J09011	10/06/06	10/06/06	EPA 314.0	J
Jackson I Well (MPJ0244-03) Water	**Sampled: 10/04/06 08:50**		**Received: 10/04/06 14:00**							
Perchlorate	ND	1.17	4.00	ug/l	1	6J09011	10/06/06	10/06/06	EPA 314.0	
Diana I Well (MPJ0244-04) Water	**Sampled: 10/04/06 10:50**		**Received: 10/04/06 14:00**							
Perchlorate	**1.96**	1.17	4.00	ug/l	1	6J09011	10/06/06	10/06/06	EPA 314.0	J
Diana II Well (MPJ0244-05) Water	**Sampled: 10/04/06 09:00**		**Received: 10/04/06 14:00**							
Perchlorate	**2.28**	1.17	4.00	ug/l	1	6J09011	10/06/06	10/06/06	EPA 314.0	J
Diana III Well (MPJ0244-06) Water	**Sampled: 10/04/06 09:10**		**Received: 10/04/06 14:00**							
Perchlorate	ND	1.17	4.00	ug/l	1	6J09011	10/06/06	10/06/06	EPA 314.0	
Boys Ranch I Well (MPJ0244-07) Water	**Sampled: 10/04/06 11:45**		**Received: 10/04/06 14:00**							
Perchlorate	**1.94**	1.17	4.00	ug/l	1	6J09011	10/06/06	10/06/06	EPA 314.0	J
Boys Ranch II Well (MPJ0244-08) Water	**Sampled: 10/04/06 11:35**		**Received: 10/04/06 14:00**							
Perchlorate	**2.02**	1.17	4.00	ug/l	1	6J09011	10/06/06	10/06/06	EPA 314.0	J
Boys Ranch III Well (MPJ0244-09) Water	**Sampled: 10/04/06 11:40**		**Received: 10/04/06 14:00**							
Perchlorate	**1.72**	1.17	4.00	ug/l	1	6J09011	10/06/06	10/06/06	EPA 314.0	J

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City of Morgan Hill 100 Edes Ct. Morgan Hill CA, 95037	Project: - Project Number: - Project Manager: Cory Fitch	MPJ0244 **Reported:** 11/21/06 08:27

Perchlorate by EPA 314.0
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Main Well II (New) (MPJ0244-10) Water Sampled: 10/04/06 11:30 Received: 10/04/06 14:00										
Perchlorate	**2.73**	1.17	4.00	ug/l	1	6J09037	10/09/06	10/09/06	EPA 314.0	J
Condit Well (MPJ0244-11) Water Sampled: 10/04/06 09:20 Received: 10/04/06 14:00										
Perchlorate	**3.22**	1.17	4.00	ug/l	1	6J09037	10/09/06	10/09/06	EPA 314.0	J
San Pedro Well (MPJ0244-12) Water Sampled: 10/04/06 08:30 Received: 10/04/06 14:00										
Perchlorate	**2.52**	1.17	4.00	ug/l	1	6J09037	10/09/06	10/09/06	EPA 314.0	J
Main I Well (MPJ0244-13) Water Sampled: 10/04/06 11:25 Received: 10/04/06 14:00										
Perchlorate	**2.83**	1.17	4.00	ug/l	1	6J09037	10/09/06	10/09/06	EPA 314.0	J
Butterfield Well (MPJ0244-14) Water Sampled: 10/04/06 11:10 Received: 10/04/06 14:00										
Perchlorate	**2.95**	1.17	4.00	ug/l	1	6J09037	10/09/06	10/09/06	EPA 314.0	J

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City of Morgan Hill	Project: -	MPJ0244
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:27

Perchlorate by EPA 314.0 - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6J09011 - General Preparation / EPA 314.0											
Blank (6J09011-BLK1)					Prepared & Analyzed: 10/06/06						
Perchlorate	ND	2.00	4.00	ug/l							
Laboratory Control Sample (6J09011-BS1)					Prepared & Analyzed: 10/06/06						
Perchlorate	24.6	2.00	4.00	ug/l	25.0		98	85-115			
Matrix Spike (6J09011-MS1)	**Source: MPJ0235-01**				Prepared & Analyzed: 10/06/06						
Perchlorate	28.7	2.00	4.00	ug/l	25.0	5.19	94	80-120			
Matrix Spike Dup (6J09011-MSD1)	**Source: MPJ0235-01**				Prepared & Analyzed: 10/06/06						
Perchlorate	29.3	2.00	4.00	ug/l	25.0	5.19	96	80-120	2	15	
Batch 6J09037 - General Preparation / EPA 314.0											
Blank (6J09037-BLK1)					Prepared & Analyzed: 10/09/06						
Perchlorate	ND	2.00	4.00	ug/l							
Laboratory Control Sample (6J09037-BS1)					Prepared & Analyzed: 10/09/06						
Perchlorate	24.6	2.00	4.00	ug/l	25.0		98	85-115			
Matrix Spike (6J09037-MS1)	**Source: MPJ0255-01**				Prepared & Analyzed: 10/09/06						
Perchlorate	29.7	2.00	4.00	ug/l	25.0	5.61	96	80-120			
Matrix Spike Dup (6J09037-MSD1)	**Source: MPJ0255-01**				Prepared & Analyzed: 10/09/06						
Perchlorate	29.0	2.00	4.00	ug/l	25.0	5.61	94	80-120	2	15	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

TestAmerica
ANALYTICAL TESTING CORPORATION

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.testamericainc.com

City of Morgan Hill	Project: -	MPJ0244
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:27

Notes and Definitions

J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

DLR - 4PPb

MPJ0244

5-Day Testing

Client Name: City of Morgan Hill	Report Attention: Cory Fitch, Water Qual Spec.	
Address: 17555 Peak Ave.	Copy to: CDHS & Santa Clara Co. E.H.	
City, State, Zip: Morgan Hill, CA 95037	Phone: (408) 776-7333	Fax: (408) 779-6282

Collected by (Print & Sign): Cory Fitch, Cory Fitch	Received by:	Date & Time: 10-4-06 2:00 p.m.
Relinquished by:	Received for Laboratory:	Date & Time:

Lab Number	Sample ID (Sweeps #)	Sample Location	Collection Date & Time	Sample type(1)	Requested analyses
01	4310006-009	DUNNE I WELL	10/4/06 8:40 Am	D-Routine	Perchlorate
02	4310006-015	DUNNE II WELL	10/4/06 8:45 Am	D-Routine	Perchlorate
——	4310006-017	NORDSTROM WELL	——	D-Routine	Perchlorate
03	4310006-010	JACKSON I WELL	10/4/06 8:50 Am	D-Routine	Perchlorate
04	4310006-007	Diana I WELL	10/4/06 10:50 Am	D-Routine	Perchlorate
05	4310006-008	DIANA II WELL	10/4/06 9:00 Am	D-Routine	Perchlorate
06	4310006-016	DIANA III WELL	10/4/06 9:10 Am	D-Routine	Perchlorate
07	4310006-001	BOYS RANCH I WELL	10/4/06 11:45 Am	D-Routine	Perchlorate
08	4310006-002	BOYS RANCH II WELL	10/4/06 11:35 Am	D-Routine	Perchlorate
09	4310006-003	BOYS RANCH III WELL	10/4/06 11:40 Am	D-Routine	Perchlorate
10	4310006-	MAIN WELL II (NEW)	10/4/06 11:30 Am	D-Routine	Perchlorate
11	4310006-006	CONDIT WELL	10/4/06 9:20 Am	D-Routine	Perchlorate
12	4310006-032	SAN PEDRO WELL	10/4/06 8:30 Am	D-Routine	Perchlorate
[ ] Other comments: MORGHILS 13	Main I Well	10/4 11:25 Am	D-Routine	Perchlorate	
14	Butterfield Well	10/4 11:10 Am	D-Routine	Perchlorate	

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: CITY OF MORGAN HILL
REC. BY (PRINT) PH
WORKORDER: MPH0244

DATE REC'D AT LAB: 10/4/06
TIME REC'D AT LAB: 1400
DATE LOGGED IN: 10/5/06

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / Absent Intact / Broken*								
2. Chain-of-Custody Present / Absent*								
3. Traffic Reports or Packing List: Present / Absent								
4. Airbill: Airbill / Sticker Present / Absent								
5. Airbill #: —								
6. Sample Labels: Present / Absent								
7. Sample IDs: Listed / Not Listed on Chain-of-Custody								
8. Sample Condition: Intact / Broken* / Leaking*								
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*								
10. Sample received within hold time? Yes / No*								
11. Adequate sample volume received? Yes / No*								
12. Proper preservatives used? Yes / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / No*								
14. Read Temp: 4.6°C Corrected Temp: 5.6°C Is corrected temp 4 +/-2°C? Yes / No** (Acceptance range for samples requiring thermal pres.) **Exception (if any): METALS / DFF ON ICE or Problem COC								

250 ML POLY'S

10/4/06

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

SRL Revision 8
Replaces Rev 7 (07/19/05)
Effective 09/13/06

TestAmerica
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Morgan Hill, CA 95037
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www.testamericainc.com

21 November, 2006

Cory Fitch
City of Morgan Hill
100 Edes Ct.
Morgan Hill, CA 95037

RE: -
Work Order: MPK0065

Enclosed are the results of analyses for samples received by the laboratory on 11/01/06 15:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Douglas Clark

Douglas Clark
Project Manager

CA ELAP Certificate # 1210

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Partial Report

City of Morgan Hill	Project: -	MPK0065
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Dunne I Well	MPK0065-01	Water	11/01/06 10:40	11/01/06 15:00
Dunne II Well	MPK0065-02	Water	11/01/06 10:45	11/01/06 15:00
Jackson I Well	MPK0065-03	Water	11/01/06 13:20	11/01/06 15:00
Diana I Well	MPK0065-04	Water	11/01/06 10:05	11/01/06 15:00
Diana II Well	MPK0065-05	Water	11/01/06 10:30	11/01/06 15:00
Diana III Well	MPK0065-06	Water	11/01/06 09:40	11/01/06 15:00
Boys Ranch I Well	MPK0065-07	Water	11/01/06 14:20	11/01/06 15:00
Boys Ranch II Well	MPK0065-08	Water	11/01/06 14:00	11/01/06 15:00
Boys Ranch III Well	MPK0065-09	Water	11/01/06 14:10	11/01/06 15:00
Main Well II (new)	MPK0065-10	Water	11/01/06 10:20	11/01/06 15:00
Condit Well	MPK0065-11	Water	11/01/06 11:00	11/01/06 15:00
San Pedro Well	MPK0065-12	Water	11/01/06 10:55	11/01/06 15:00
Main I Well	MPK0065-13	Water	11/01/06 10:15	11/01/06 15:00
Butterfield Well	MPK0065-14	Water	11/01/06 09:55	11/01/06 15:00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

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Partial Report

City of Morgan Hill	Project: -	MPK0065
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:36

Perchlorate by EPA 314.0
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Dunne I Well (MPK0065-01) Water Sampled: 11/01/06 10:40 Received: 11/01/06 15:00										
Perchlorate	**2.59**	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	J
Dunne II Well (MPK0065-02) Water Sampled: 11/01/06 10:45 Received: 11/01/06 15:00										
Perchlorate	ND	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	
Jackson I Well (MPK0065-03) Water Sampled: 11/01/06 13:20 Received: 11/01/06 15:00										
Perchlorate	**3.00**	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	J
Diana I Well (MPK0065-04) Water Sampled: 11/01/06 10:05 Received: 11/01/06 15:00										
Perchlorate	ND	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	
Diana II Well (MPK0065-05) Water Sampled: 11/01/06 10:30 Received: 11/01/06 15:00										
Perchlorate	ND	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	
Diana III Well (MPK0065-06) Water Sampled: 11/01/06 09:40 Received: 11/01/06 15:00										
Perchlorate	ND	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	
Boys Ranch I Well (MPK0065-07) Water Sampled: 11/01/06 14:20 Received: 11/01/06 15:00										
Perchlorate	**1.77**	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	J
Boys Ranch II Well (MPK0065-08) Water Sampled: 11/01/06 14:00 Received: 11/01/06 15:00										
Perchlorate	**2.16**	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	J
Boys Ranch III Well (MPK0065-09) Water Sampled: 11/01/06 14:10 Received: 11/01/06 15:00										
Perchlorate	**1.72**	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	J

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Partial Report

City of Morgan Hill	Project: -	MPK0065
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:36

Perchlorate by EPA 314.0
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Main Well II (new) (MPK0065-10) Water Sampled: 11/01/06 10:20 Received: 11/01/06 15:00										
Perchlorate	ND	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	
Condit Well (MPK0065-11) Water Sampled: 11/01/06 11:00 Received: 11/01/06 15:00										
Perchlorate	**1.89**	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	J
San Pedro Well (MPK0065-12) Water Sampled: 11/01/06 10:55 Received: 11/01/06 15:00										
Perchlorate	ND	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	
Main I Well (MPK0065-13) Water Sampled: 11/01/06 10:15 Received: 11/01/06 15:00										
Perchlorate	ND	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	
Butterfield Well (MPK0065-14) Water Sampled: 11/01/06 09:55 Received: 11/01/06 15:00										
Perchlorate	ND	1.17	4.00	ug/l	1	6K06008	11/03/06	11/04/06	EPA 314.0	

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Partial Report

City of Morgan Hill 100 Edes Ct. Morgan Hill CA, 95037	Project: - Project Number: - Project Manager: Cory Fitch	MPK0065 **Reported:** 11/21/06 08:36

Perchlorate by EPA 314.0 - Quality Control
TestAmerica - Morgan Hill, CA

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6K06008 - General Preparation / EPA 314.0											
Blank (6K06008-BLK1)					Prepared: 11/03/06 Analyzed: 11/04/06						
Perchlorate	ND	2.00	4.00	ug/l							
Laboratory Control Sample (6K06008-BS1)					Prepared: 11/03/06 Analyzed: 11/04/06						
Perchlorate	26.9	2.00	4.00	ug/l	25.0		108	85-115			
Matrix Spike (6K06008-MS1)	**Source: MPK0036-01**				Prepared: 11/03/06 Analyzed: 11/04/06						
Perchlorate	32.5	2.00	4.00	ug/l	25.0	4.79	111	80-120			
Matrix Spike Dup (6K06008-MSD1)	**Source: MPK0036-01**				Prepared: 11/03/06 Analyzed: 11/04/06						
Perchlorate	33.2	2.00	4.00	ug/l	25.0	4.79	114	80-120	2	15	

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Partial Report

City of Morgan Hill	Project: -	MPK0065
100 Edes Ct.	Project Number: -	**Reported:**
Morgan Hill CA, 95037	Project Manager: Cory Fitch	11/21/06 08:36

Notes and Definitions

J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.

DLR: All Samples 4ppb

MPK0065

5-Day Testing/Reporting

Client Name: City of Morgan Hill	Report Attention: Cory Fitch, Water Qual Spec.	
Address: 17555 Peak Ave.	Copy to: CDHS & Santa Clara Co. E.H.	
City, State, Zip: Morgan Hill, CA 95037	Phone: (408) 776-7333	Fax: (408) 779-6282

Collected by (Print & Sign): Cory Fitch,	Received by:	Date & Time: 11/1/06, 3:00 P.M.
Relinquished by:	Received for Laboratory:	Date & Time:

Lab Number	Sample ID (Sweeps #)	Sample Location	Collection Date & Time	Sample type[1]	Requested analyses
01	4310006-009	DUNNE I WELL	11-1-06 10:40Am	D-Routine	Perchlorate
02	4310006-015	DUNNE II WELL	11-1-06 10:45Am	D-Routine	Perchlorate
—	4310006-017	~~NORDSTROM WELL~~	Done	D-Routine	Perchlorate
03	4310006-010	JACKSON I WELL	11-1-06 1:20 Pm	D-Routine	Perchlorate
04	4310006-003	Diana I WELL	11-1-06 10:05Am	D-Routine	Perchlorate
05	4310006-008	DIANA II WELL	11-1-06 10:30Am	D-Routine	Perchlorate
06	4310006-016	DIANA III WELL	11/1/06 9:40Am	D-Routine	Perchlorate
07	4310006-001	BOYS RANCH I WELL	11/1/06 2:20P.m	D-Routine	Perchlorate
08	4310006-002	BOYS RANCH II WELL	11-1-06 2:00P.m	D-Routine	Perchlorate
09	4310006-003	BOYS RANCH III WELL	11-1-06 2:10Am	D-Routine	Perchlorate
10	4310006-	MAIN WELL II (NEW)	11-1-06 10:20Am	D-Routine	Perchlorate
11	4310006-006	CONDIT WELL	11-1-06 11:00Am	D-Routine	Perchlorate
12	4310006-032	SAN PEDRO WELL	11-1-06 10:55Am	D-Routine	Perchlorate
[ ] Other comments: MORGHILS 13		Main I Well	11-1-06 10:35Am	D-Routine	Perchlorate
14		Butterfield Well	11-1-06 9:55Am	D-Routine	Perchlorate

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: City of Mich
REC. BY (PRINT) EH
WORKORDER: MPK0065

DATE REC'D AT LAB: 11/1/06
TIME REC'D AT LAB: ~1500
DATE LOGGED IN: 11/1/06

For Regulatory Purposes?
DRINKING WATER YES / NO
WASTE WATER YES / NO

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / (Absent) Intact / Broken*								
2. Chain-of-Custody (Present) / Absent*								
3. Traffic Reports or Packing List: Present / (Absent)								
4. Airbill: Airbill / Sticker (Present) / Absent								
5. Airbill #:								
6. Sample Labels: (Present) / Absent								
7. Sample IDs: (Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition: (Intact) / Broken* / Leaking*								All
9. Does information on chain-of-custody, traffic reports and sample labels agree? (Yes) / No*								250 Poly's
10. Sample received within hold time? (Yes) / No*								
11. Adequate sample volume received? (Yes) / No*								
12. Proper preservatives used? (Yes) / No*								
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / (No*)								
14. Read Temp: 3.1 °C Corrected Temp: 4.1 °C Is corrected temp 4 +/-2°C? (Yes) / No**								

(Acceptance range for samples requiring thermal pres.)
**Exception (if any): METALS / DFF ON ICE or Problem COC

11/1/06 EH

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

*Based on an MDL of 1.3 ppb.

				J-values	sample date	LIMS run	BSK run	
2003010869	284265	CLO4_IC	ND	3.49	01/16/2003	49294	3003	Boys Ranch I Well
2003030827	301951	CLO4_IC	ND	3.76	03/13/2003	51846	3017	Boys Ranch I Well
2003041005	312600	CLO4_IC	ND	2.71	04/14/2003	53395	3024	Boys Ranch I Well
2003051197	323860	CLO4_IC	ND	1.87	05/19/2003	55182	3032	Boys Ranch I Well
2003061211	334139	CLO4_IC	ND	ND	06/17/2003	56617	3038	Boys Ranch I Well
2003070981	343985	CLO4_IC	ND	ND	07/15/2003	57986	3044	Boys Ranch I Well
2003081306	358063	CLO4_IC	ND	1.93	08/19/2003	59881	3058	Boys Ranch I Well
2003091073	368699	CLO4_IC	ND	1.66	09/16/2003	61247	3063	Boys Ranch I Well
2003101008	379063	CLO4_IC	ND	2.11	10/14/2003	62642	3068	Boys Ranch I Well
2003110603	388124	CLO4_IC	ND	1.86	11/10/2003	64020	3073	Boys Ranch I Well
2003120670	398079	CLO4_IC	ND	1.56	12/09/2003	65341	3079	Boys Ranch I Well
2004010701	408766	CLO4_IC	ND	1.8	01/13/2004	66924	4003	Boys Ranch I Well
2004020970	419534	CLO4_IC	ND	ND	02/17/2004	68524	4008	Boys Ranch I Well
2004031138	429430	CLO4_IC	ND	ND	03/16/2004	70115	4012	Boys Ranch I Well
2004041192	440755	CLO4_IC	ND	ND	04/20/2004	71719	4015	Boys Ranch I Well
2004051176	450463	CLO4_IC	ND	2.48	05/18/2004	72939	4017	Boys Ranch I Well
2004060813	459389	CLO4_IC	ND	2.47	06/10/2004	74845	4021	Boys Ranch I Well
2004061069	461025	CLO4_IC	ND	2.54	06/15/2004	74843	4021	Boys Ranch I Well
2004071259	473277	CLO4_IC	ND	2.19	07/20/2004	76449	4027	Boys Ranch I Well
2003010869	284266	CLO4_IC	ND	3.66	01/16/2003	49294	3003	Boys Ranch II Well
2003030827	301952	CLO4_IC	ND	1.98	03/13/2003	51846	3017	Boys Ranch II Well
2003041005	312599	CLO4_IC	ND	1.54	04/14/2003	53395	3024	Boys Ranch II Well
2003051197	323861	CLO4_IC	ND	ND	05/19/2003	55182	3032	Boys Ranch II Well
2003061211	334140	CLO4_IC	ND	ND	06/17/2003	56617	3038	Boys Ranch II Well
2003070981	343986	CLO4_IC	ND	ND	07/15/2003	57986	3044	Boys Ranch II Well
2003081306	358064	CLO4_IC	ND	1.82	08/19/2003	59881	3058	Boys Ranch II Well
2003091073	368700	CLO4_IC	ND	ND	09/16/2003	61247	3063	Boys Ranch II Well
2003101008	379064	CLO4_IC	ND	1.69	10/14/2003	62642	3068	Boys Ranch II Well
2003110603	388125	CLO4_IC	ND	1.44	11/10/2003	64020	3073	Boys Ranch II Well
2003120670	398080	CLO4_IC	ND	ND	12/09/2003	65341	3079	Boys Ranch II Well
2004010701	408767	CLO4_IC	ND	1.48	01/13/2004	66924	4003	Boys Ranch II Well
2004020970	419535	CLO4_IC	ND	ND	02/17/2004	68524	4008	Boys Ranch II Well
2004031138	429431	CLO4_IC	ND	ND	03/16/2004	70115	4012	Boys Ranch II Well
2004041192	440756	CLO4_IC	ND	ND	04/20/2004	71719	4015	Boys Ranch II Well
2004051176	450464	CLO4_IC	ND	1.78	05/18/2004	72939	4017	Boys Ranch II Well
2004060813	459390	CLO4_IC	ND	2.14	06/10/2004	74845	4021	Boys Ranch II Well
2004061069	461026	CLO4_IC	ND	1.6	06/15/2004	74843	4021	Boys Ranch II Well
2004071259	473278	CLO4_IC	ND	1.74	07/20/2004	76449	4027	Boys Ranch II Well
2003010869	284267	CLO4_IC	ND	3.26	01/16/2003	49294	3003	Boys Ranch III Well
2003030827	301953	CLO4_IC	ND	ND	03/13/2003	51846	3017	Boys Ranch III Well
2003041005	312601	CLO4_IC	ND	ND	04/14/2003	53395	3024	Boys Ranch III Well
2003051197	323862	CLO4_IC	ND	ND	05/19/2003	55182	3032	Boys Ranch III Well
2003061211	334141	CLO4_IC	ND	ND	06/17/2003	56617	3038	Boys Ranch III Well
2003070981	343987	CLO4_IC	ND	ND	07/15/2003	57986	3044	Boys Ranch III Well
2003081306	358065	CLO4_IC	ND	ND	08/19/2003	59881	3058	Boys Ranch III Well
2003091073	368701	CLO4_IC	ND	ND	09/16/2003	61247	3063	Boys Ranch III Well
2003101008	379065	CLO4_IC	ND	ND	10/14/2003	62642	3068	Boys Ranch III Well
2003110603	388126	CLO4_IC	ND	ND	11/10/2003	64020	3073	Boys Ranch III Well
2004010701	408768	CLO4_IC	ND	ND	01/13/2004	66924	4003	Boys Ranch III Well
2004020970	419536	CLO4_IC	ND	ND	02/17/2004	68524	4008	Boys Ranch III Well

				J-values	sample date	LIMS run	BSK run	
2004031138	429432	CLO4_IC	ND	ND	03/16/2004	70115	4012	Boys Ranch III Well
2004041192	440757	CLO4_IC	ND	ND	04/20/2004	71719	4015	Boys Ranch III Well
2004051176	450465	CLO4_IC	ND	ND	05/18/2004	72939	4017	Boys Ranch III Well
2004060813	459391	CLO4_IC	ND	ND	06/10/2004	74845	4021	Boys Ranch III Well
2004071259	473279	CLO4_IC	ND	ND	07/20/2004	76449	4027	Boys Ranch III Well
2006061085	732224	CLO4_IC	ND	2.06	06/12/2006	114294	2006036	Condit Well
2006070787	742346	CLO4_IC	ND	ND	07/12/2006	115866	2006044	Condit Well
2003031270	304151	CLO4_IC	ND	3.29	03/20/2003	52031	3019	Diana I Well
2003041005	312605	CLO4_IC	ND	1.8	04/15/2003	53395	3024	Diana I Well
2003051197	323857	CLO4_IC	ND	ND	05/19/2003	55182	3032	Diana I Well
2003061211	334146	CLO4_IC	ND	ND	06/17/2003	56617	3038	Diana I Well
2003070981	343992	CLO4_IC	ND	ND	07/15/2003	57986	3044	Diana I Well
2003081309	358083	CLO4_IC	ND	1.52	08/19/2003	59881	3058	Diana I Well
2003091073	368706	CLO4_IC	ND	1.31	09/16/2003	61247	3063	Diana I Well
2003101008	379070	CLO4_IC	ND	1.66	10/14/2003	62642	3068	Diana I Well
2003110603	388130	CLO4_IC	ND	1.45	11/10/2003	64020	3073	Diana I Well
2003120670	398086	CLO4_IC	ND	ND	12/09/2003	65341	3079	Diana I Well
2004010701	408772	CLO4_IC	ND	ND	01/13/2004	66924	4003	Diana I Well
2004020970	419539	CLO4_IC	ND	ND	02/17/2004	68524	4008	Diana I Well
2004041192	440761	CLO4_IC	ND	ND	04/20/2004	71719	4015	Diana I Well
2004051176	450469	CLO4_IC	ND	2.88	05/18/2004	72939	4017	Diana I Well
2004060813	459395	CLO4_IC	ND	ND	06/10/2004	74845	4021	Diana I Well
2004061069	461031	CLO4_IC	ND	2.73	06/15/2004	74843	4021	Diana I Well
2004071259	473284	CLO4_IC	ND	2.12	07/20/2004	76449	4027	Diana I Well
2004081280	484961	CLO4_IC	ND	1.87	08/17/2004	78003	4031	Diana I Well
2004091546	499133	CLO4_IC	ND	2.75	09/21/2004	80197	4036	Diana I Well
2003010869	284263	CLO4_IC	ND	3.44	01/16/2003	49294	3003	Diana II Well
2003030827	301949	CLO4_IC	ND	1.93	03/13/2003	51846	3017	Diana II Well
2003041005	312602	CLO4_IC	ND	2.44	04/15/2003	53395	3024	Diana II Well
2003051197	323858	CLO4_IC	ND	1.67	05/19/2003	55182	3032	Diana II Well
2003061211	334137	CLO4_IC	ND	1.66	06/17/2003	56617	3038	Diana II Well
2003070981	343983	CLO4_IC	ND	ND	07/15/2003	57986	3044	Diana II Well
2003081306	358061	CLO4_IC	ND	ND	08/19/2003	59881	3058	Diana II Well
2003091073	368697	CLO4_IC	ND	2.21	09/16/2003	61247	3063	Diana II Well
2003101008	379061	CLO4_IC	ND	1.8	10/14/2003	62642	3068	Diana II Well
2003110603	388122	CLO4_IC	ND	2.3	11/10/2003	64020	3073	Diana II Well
2003120670	398077	CLO4_IC	ND	1.86	12/09/2003	65341	3079	Diana II Well
2004010701	408764	CLO4_IC	ND	2.04	01/13/2004	66924	4003	Diana II Well
2004020970	419532	CLO4_IC	ND	ND	02/17/2004	68524	4008	Diana II Well
2004031138	429428	CLO4_IC	ND	1.56	03/16/2004	70115	4012	Diana II Well
2004041192	440753	CLO4_IC	ND	1.64	04/20/2004	71719	4015	Diana II Well
2004051176	450461	CLO4_IC	ND	2.25	05/18/2004	72939	4017	Diana II Well
2004060813	459387	CLO4_IC	ND	2.33	06/10/2004	74845	4021	Diana II Well
2004061069	461023	CLO4_IC	ND	2.84	06/15/2004	74843	4021	Diana II Well
2004071259	473275	CLO4_IC	ND	2.21	07/20/2004	76449	4027	Diana II Well
2003010869	284264	CLO4_IC	ND	ND	01/16/2003	49294	3003	Diana III Well
2003030827	301950	CLO4_IC	ND	ND	03/13/2003	51846	3017	Diana III Well
2003041005	312603	CLO4_IC	ND	ND	04/15/2003	53395	3024	Diana III Well
2003051197	323859	CLO4_IC	ND	ND	05/19/2003	55182	3032	Diana III Well
2003061211	334138	CLO4_IC	ND	1.71	06/17/2003	56617	3038	Diana III Well
2003070981	343984	CLO4_IC	ND	ND	07/15/2003	57986	3044	Diana III Well

				J-values	sample date	LIMS run	BSK run	
2003081306	358062	CLO4_IC	ND	ND	08/19/2003	59881	3058	Diana III Well
2003091073	368698	CLO4_IC	ND	ND	09/16/2003	61247	3063	Diana III Well
2003101008	379062	CLO4_IC	ND	ND	10/14/2003	62642	3068	Diana III Well
2003110603	388123	CLO4_IC	ND	ND	11/10/2003	64020	3073	Diana III Well
2003120670	398078	CLO4_IC	ND	ND	12/09/2003	65341	3079	Diana III Well
2004010701	408765	CLO4_IC	ND	ND	01/13/2004	66924	4003	Diana III Well
2004020970	419533	CLO4_IC	ND	ND	02/17/2004	68524	4008	Diana III Well
2004031138	429429	CLO4_IC	ND	ND	03/16/2004	70115	4012	Diana III Well
2004041192	440754	CLO4_IC	ND	ND	04/20/2004	71719	4015	Diana III Well
2004051176	450462	CLO4_IC	ND	ND	05/18/2004	72939	4017	Diana III Well
2004060813	459388	CLO4_IC	ND	1.89	06/10/2004	74845	4021	Diana III Well
2004061069	461024	CLO4_IC	ND	ND	06/15/2004	74843	4021	Diana III Well
2004071259	473276	CLO4_IC	ND	ND	07/20/2004	76449	4027	Diana III Well
2006070787	742337	CLO4_IC	ND	1.87	07/12/2006	115866	2006044	Dunne I Well
2003010869	284261	CLO4_IC	ND	3.4	01/16/2003	49294	3003	Dunne II Well
2003051197	323854	CLO4_IC	ND	ND	05/19/2003	55182	3032	Dunne II Well
2003061211	334134	CLO4_IC	ND	1.5	06/17/2003	56617	3038	Dunne II Well
2003061946	338097	CLO4_IC	ND	1.81	06/27/2003	57151	3040	Dunne II Well
2003070829	342941	CLO4_IC	ND	2.11	07/11/2003	57879	3043	Dunne II Well
2003071075	344583	CLO4_IC	ND	ND	07/16/2003	57986	3044	Dunne II Well
2003081306	358059	CLO4_IC	ND	ND	08/19/2003	59881	3058	Dunne II Well
2003091073	368695	CLO4_IC	ND	ND	09/16/2003	61247	3063	Dunne II Well
2003101008	379059	CLO4_IC	ND	1.45	10/14/2003	62642	3068	Dunne II Well
2003110603	388119	CLO4_IC	ND	1.58	11/10/2003	64020	3073	Dunne II Well
2003120670	398074	CLO4_IC	ND	ND	12/09/2003	65341	3079	Dunne II Well
2004010701	408761	CLO4_IC	ND	ND	01/13/2004	66924	4003	Dunne II Well
2004020970	419529	CLO4_IC	ND	ND	02/17/2004	68524	4008	Dunne II Well
2004031138	429425	CLO4_IC	ND	ND	03/16/2004	70115	4012	Dunne II Well
2004041192	440750	CLO4_IC	ND	ND	04/20/2004	71719	4015	Dunne II Well
2004051176	450459	CLO4_IC	ND	ND	05/18/2004	72939	4017	Dunne II Well
2004060813	459384	CLO4_IC	ND	ND	06/10/2004	74843	4021	Dunne II Well
2004061069	461021	CLO4_IC	ND	2.12	06/15/2004	74843	4021	Dunne II Well
2004071259	473273	CLO4_IC	ND	1.35	07/20/2004	76449	4027	Dunne II Well
2004080655	481349	CLO4_IC	ND	1.73	08/06/2004	77505	4030	Dunne II Well
2004081280	484951	CLO4_IC	ND	1.98	08/17/2004	77937	4031	Dunne II Well
2004082190	490214	CLO4_IC	ND	ND	08/30/2004	79073	4034	Dunne II Well
2004090499	493291	CLO4_IC	ND	ND	09/03/2004	79156	4034	Dunne II Well
2004091546	499123	CLO4_IC	ND	1.95	09/21/2004	80197	4036	Dunne II Well
2004101288	510273	CLO4_IC	ND	ND	10/19/2004	81600	4041	Dunne II Well
2004111130	520691	CLO4_IC	ND	ND	11/16/2004	83181	4046	Dunne II Well
2004120986	529830	CLO4_IC	ND	ND	12/14/2004	84510	4051	Dunne II Well
2005010875	539402	CLO4_IC	ND	ND	01/13/2005	86101	5004	Dunne II Well
2006030617	697305	CLO4_IC	ND	ND	03/07/2006	109104	2006015	Dunne II Well
2006040450	708065	CLO4_IC	ND	ND	04/06/2006	110823	2006021	Dunne II Well
2006050199	716512	CLO4_IC_LD	ND	ND	05/02/2006	111986	2006028	Dunne II Well
2006050201	716517	CLO4_IC	ND	ND	05/02/2006	111986	2006028	Dunne II Well
2006061085	732215	CLO4_IC	ND	ND	06/12/2006	114294	2006036	Dunne II Well
2006070787	742338	CLO4_IC	ND	ND	07/12/2006	115866	2006044	Dunne II Well
2003010869	284262	CLO4_IC	ND	2.93	01/16/2003	49294	3003	Jackson I Well
2003030827	301948	CLO4_IC	ND	2.18	03/13/2003	51846	3017	Jackson I Well
2003041005	312598	CLO4_IC	ND	ND	04/14/2003	53395	3024	Jackson I Well

				J-values	sample date	LIMS run	BSK run	
2003051197	323856	CLO4_IC	ND	ND	05/19/2003	55182	3032	Jackson I Well
2003061211	334136	CLO4_IC	ND	ND	06/17/2003	56617	3038	Jackson I Well
2003070981	343982	CLO4_IC	ND	ND	07/15/2003	57986	3044	Jackson I Well
2003081306	358060	CLO4_IC	ND	ND	08/19/2003	59881	3058	Jackson I Well
2003091073	368696	CLO4_IC	ND	ND	09/16/2003	61247	3063	Jackson I Well
2003101008	379060	CLO4_IC	ND	ND	10/14/2003	62642	3068	Jackson I Well
2003110603	388121	CLO4_IC	ND	ND	11/10/2003	64020	3073	Jackson I Well
2003120670	398076	CLO4_IC	ND	ND	12/09/2003	65341	3079	Jackson I Well
2004010701	408763	CLO4_IC	ND	ND	01/13/2004	66924	4003	Jackson I Well
2004020970	419531	CLO4_IC	ND	ND	02/17/2004	68524	4008	Jackson I Well
2004031138	429427	CLO4_IC	ND	ND	03/16/2004	70115	4012	Jackson I Well
2004041192	440752	CLO4_IC	ND	ND	04/20/2004	71719	4015	Jackson I Well
2004051176	450460	CLO4_IC	ND	ND	05/18/2004	72939	4017	Jackson I Well
2004060813	459386	CLO4_IC	ND	ND	06/10/2004	74845	4021	Jackson I Well
2004061069	461022	CLO4_IC	ND	ND	06/15/2004	74843	4021	Jackson I Well
2004071259	473274	CLO4_IC	ND	ND	07/20/2004	76449	4027	Jackson I Well
2003010869	284268	CLO4_IC	ND	2.46	01/16/2003	49294	3003	Main I Well
2003030372	299735	CLO4_IC	ND	2.98	03/06/2003	51612	3016	Main I Well
2003041005	312604	CLO4_IC	ND	1.62	04/15/2003	53395	3024	Main I Well
2003051197	323863	CLO4_IC	ND	1.44	05/19/2003	55182	3032	Main I Well
2003061211	334142	CLO4_IC	ND	ND	06/17/2003	56617	3038	Main I Well
2003070981	343988	CLO4_IC	ND	ND	07/15/2003	57986	3044	Main I Well
2003081306	358066	CLO4_IC	ND	1.41	08/19/2003	59881	3058	Main I Well
2003091073	368702	CLO4_IC	ND	ND	09/16/2003	61247	3063	Main I Well
2003101008	379066	CLO4_IC	ND	ND	10/14/2003	62642	3068	Main I Well
2003110603	388127	CLO4_IC	ND	1.57	11/10/2003	64020	3073	Main I Well
2003120670	398082	CLO4_IC	ND	ND	12/09/2003	65341	3079	Main I Well
2004051846	454264	CLO4_IC	ND	2.48	05/26/2004	73469	4019	Main I Well
2004071259	473283	CLO4_IC	ND	1.65	07/20/2004	76449	4027	Main I Well
2005060699	592494	CLO4_IC	ND	ND	06/08/2005	93605	5031	Main I Well
2005070262	603100	CLO4_IC	ND	ND	07/05/2005	95163	5037	Main I Well
2005080274	615287	CLO4_IC	ND	ND	08/02/2005	97286	5042	Main I Well
2005090489	631401	CLO4_IC	ND	ND	09/07/2005	99459	5050	Main I Well
2005100252	642905	CLO4_IC	ND	ND	10/04/2005	100846	5059	Main I Well
2005110704	656828	CLO4_IC	ND	ND	11/08/2005	103025	5067	Main I Well
2005120723	667915	CLO4_IC	ND	ND	12/08/2005	104659	5071	Main I Well
2006010640	678779	CLO4_IC	ND	1.32	01/10/2006	106325	6004	Main I Well
2006020537	687887	CLO4_IC	ND	ND	02/07/2006	107907	6008	Main I Well
2006030617	697317	CLO4_IC	ND	ND	03/07/2006	109105	2006015	Main I Well
2006040450	708076	CLO4_IC	ND	ND	04/06/2006	110823	2006021	Main I Well
2006050200	716514	CLO4_IC	ND	ND	05/02/2006	111986	2006028	Main I Well
2006061085	732231	CLO4_IC	ND	ND	06/12/2006	114294	2006036	Main I Well
2006070787	742348	CLO4_IC	ND	ND	07/12/2006	115866	2006044	Main I Well
2004010664	408639	CLO4_IC	ND	ND	01/13/2004	66992	4004	Main II Well
2004010701	408769	CLO4_IC	ND	ND	01/13/2004	66924	4003	Main II Well
2004030095	423881	CLO4_IC	ND	ND	03/01/2004	69127	4010	Main II Well
2004031138	429433	CLO4_IC	ND	ND	03/16/2004	70115	4012	Main II Well
2004041192	440758	CLO4_IC	ND	ND	04/20/2004	71719	4015	Main II Well
2004051176	450466	CLO4_IC	ND	2.92	05/18/2004	72939	4017	Main II Well
2004060813	459392	CLO4_IC	ND	2.14	06/10/2004	74845	4021	Main II Well
2004061069	461028	CLO4_IC	ND	1.8	06/15/2004	74843	4021	Main II Well

NORDSTROM WELL 2005

WATER QUALITY RESULTS FOR			May-05									
		DLR4	DLR 2	DLR 2	DLR 2	DLR 2	DLR 2	DLR 2	DLR 2	DLR 2	DLR4	Free Chlorine
DATE	Analysis	SV 99	SV 100	SV 101	SV 102	SV 103	SV 104	SV 105	SV 200	SV 206	SV 207	Residual
*5/19/2005	Perch	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1.01 mg/L
*5/19/2005	Bacti	Absent							Absent		Absent	
*5/19/2005	Nitrate	19 mg/L									8 mg/L	
*5/19/2005	Sulfate	40 mg/L									0 mg/L	
5/20/2005	Perch	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1.03 mg/L
5/21/2005	Perch	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	.98 mg/L
5/22/2005	Perch	N.D.	***N.D.***	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1.04 mg/L
5/23/2005	Perch	N.D.	***N.D.***	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	.98 mg/L
5/24/2005	Perch	N.D.	***N.D.***	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	.96 mg/L
5/25/2005												.27 mg/L
5/27/2005												.25 mg/L
5/28/2005												.29 mg/L
5/29/2005												.31 mg/L
5/30/2005												.42 mg/L
5/31/2005	Perch	N.D.	2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	.43 mg/L
5/31/2005	Bacti	Absent							Absent		Absent	
5/31/2005	Nitrate	79 mg/L									20 mg/L	

*START UP INTO PRODUCTION

N.D. = Lab mistakenly tested at 4 DLR during startup.

These test results are from three consecutive days testing.

NORDSTROM WELL												
WATER QUALITY RESULTS FOR JUNE 2006												
		DLR4	DLR2	DLR2	DLR2	DLR2	DLR2	DLR2	DLR2	DLR2	DLR4	Free Chlorine
DATE	Analysis	SV 99	SV 100	SV 101	SV 102	SV 103	SV 104	SV 105	SV 200	SV-206	SV 207	RES. MG/L
*6/22/06	BACTERIA	ABSENT	ABSENT								ABSENT	
**6/23/06	BACTERIA	ABSENT							ABSENT		ABSENT	
***6/24/06	PERCHLORATE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.06MG/L
6/25/2006	PERCHLORATE	ND	2PPB	ND	ND	ND	ND	ND	ND	ND	ND	.98MG/L
6/26/2006	PERCHLORATE	ND	2PPB	ND	ND	ND	ND	ND	ND	ND	ND	.99MG/L
6/27/2006	PERCHLORATE	ND	2PPB	ND	ND	ND	ND	ND	ND	ND	ND	.92MG/L
6/28/2006	PERCHLORATE	ND	2PPB	ND	ND	ND	ND	ND	ND	ND	ND	.93MG/L
6/29/2006	PERCHLORATE	ND	2PPB	ND	ND	ND	ND	ND	ND	ND	ND	.95MG/L

* SAMPLE FOR COLIFORM BACTERIA IN SYSTEM PIPING.

** SAMPLE FOR SYSTEM BACTERIA.

*** OFFICIAL START-UP INTO SYSTEM.

TENNANT WELL	2005																		
WATER QUALITY ANALYSIS FOR	Jan-05											NITRATE							
NOTE: PERCHLORATE ANALYSIS *4PPB - **2PPB										Free Chlor	Hach	Hach Portable		Flow per vessel GPD					
Date	Analysis	*SV 99	**SV 100	**SV 101	**SV 102	**SV 103	**SV 200	**SV 204	*SV 205	Residual	Online	well Head	SV 205	SV 101	SV 102	SV 103	SV 201	SV 202	SV 203
1/1/2005	Holiday																		
1/2/2005	Bacteria	Absent					Absent		Absent	.47 mg/L	31.5 mg/L	29.8 mg/L	29.6 mg/L	417600	417900	408600	361800	383400	515300
1/3/2005	Perchlorate	5.0 PPB	3.0 PPB	ND	ND	ND	ND	ND	ND	.48 mg/L	31.5 mg/L	29.4 mg/L	30.3 mg/L	175000	176900	171300	152700	161900	203900
1/3/2005	Nitrate	34 mg/L							35 mg/L										
1/3/2005	Sulfate	35 mg/L							36 mg/L										
1/4/2005										.49 mg/L	31.4 mg/L	29.6 mg/L	30.1 mg/L	205400	209300	203800	180000	190700	240600
1/5/2005										.49 mg/L	31.4 mg/L	28.9 mg/L	30.1 mg/L	249300	256100	248600	219300	232800	293100
1/6/2005										.47 mg/L	31.4 mg/L	31.1 mg/L	29.0 mg/L	154200	159500	154400	136300	144500	182500
1/7/2005										.43 mg/L	31.4 mg/L	31.5 mg/L	28.3 mg/L	190000	197500	185300	168200	178300	224900
1/8/2005										.29 mg/L	31.4 mg/L	29.8 mg/L	32.8 mg/L	178100	187200	179300	158400	167900	211900
1/9/2005										.28 mg/L	31.4 mg/L	26.5 mg/L	24.8 mg/L	244400	259100	218100	231200	245700	292000
1/10/2005	Perchlorate	ND	2.0 PPB	ND	ND	ND	ND	ND	ND	.44 mg/L	31.3 mg/L	29.8 mg/L	30.0 mg/L	230000	245000	245000	198000	230400	282000
1/10/2005	Nitrate	32mg/L							31mg/L										
1/11/2005										.43 mg/L	31.4 mg/L	29.5 mg/L	29.8 mg/L	99700	105600	84900	95500	80800	111100
1/12/2005										.49 mg/L	31.4 mg/L	28.9 mg/L	29.8 mg/L	236000	252300	235700	210200	223000	281800
1/13/2005										.49 mg/L	31.4 mg/L	29.9 mg/L	30.1 mg/L	211800	227300	211400	188900	200200	252800
1/14/2005										.53 mg/L	31.4 mg/L	28.3 mg/L	30.1 mg/L	175300	189100	175400	156600	166300	210000
1/15/2005										.32 mg/L	31.2 mg/L	26.8 mg/L	25.8 mg/L	159600	172900	159800	143100	151500	191600
1/16/2005										.31 mg/L	31.4 mg/L	27.1 mg/L	24.1 mg/L	205000	222000	205700	184100	195100	246300
1/17/2005										.44 mg/L	31.3 mg/L	29.2 mg/L	30.1 mg/L	176500	193200	177100	158500	167700	211900
1/18/2005	Perchlorate	ND	2.0 PPB	ND	ND	ND	ND	ND	ND	.30 mg/L	31.3 mg/L	28.5 mg/L	31.3 mg/L	221800	242500	223400	199600	211700	268500
1/18/2005	Nitrate	31mg/L							31mg/L										
1/19/2005										.35 mg/L	31.4 mg/L	27.5 mg/L	26.0 mg/L	219500	216200	206100	246100	197400	160500
1/20/2005										.40 mg/L	31.3 mg/L	28.2 mg/L	29.4 mg/L	182900	180000	172300	95100	164400	207300
1/21/2005										.38 mg/L	31.2 mg/L	27.7 mg/L	25.8 mg/L	182200	179300	172000	154700	164100	206600
1/22/2005										.32 mg/L	31.1 mg/L	28.1 mg/L	29.2 mg/L	194900	191700	184300	165500	175500	221100
1/23/2005										.48 mg/L	31.2 mg/L	28.5 mg/L	29.4 mg/L	214100	210700	149000	182000	193000	243100
1/24/2005	Perchlorate	ND	4.0 PPB	ND	ND	ND	ND	ND	ND	.48 mg/L	31.2 mg/L	28.4 mg/L	28.9 mg/L	179100	176500	224100	152200	161600	203600
1/24/2005	Nitrate	34 mg/L							34 mg/L										
1/25/2005										.42 mg/L	31.2 mg/L	28.6 mg/L	30.1 mg/L	242900	239700	231400	207000	219600	266700
*1/26/2005										.38 mg/L	32.0 mg/L	28.5 mg/L	29.7 mg/L	30400	30000	29000	25800	27500	44500
1/27/2005										.55 mg/L	31.3 mg/L	28.7 mg/L	30.1 mg/L	248600	238700	238900	210600	223200	280700
1/28/2005										.44 mg/L	31.8 mg/L	29.3 mg/L	28.9 mg/L	23100	22100	22100	19500	20700	26000
**1/29/2005										.45 mg/L	31.1 mg/L	24.2 mg/L	21.5 mg/L	250600	234200	237800	209500	222100	279200
1/30/2005										.45 mg/L	31.1 mg/L	26.7 mg/L	31.2 mg/L	160300	150000	152600	134200	142300	178800
1/31/2005	Perchlorate	ND	4.0 PPB	ND	ND	ND	ND	ND	ND	.55 mg/L	31.1 mg/L	29.8 mg/L	28.9 mg/L	196500	184100	187100	164400	174300	219300
1/31/2005	Nitrate	34 mg/L							34 mg/L										
* System down for 12 hours for static level																			
**System down due to erroneous lab results. Back on per amended lab procedural results.																			

TENNANT WELL	2006																		
WATER QUALITY ANALYSIS FOR		Jan-06										NITRATE							
NOTE: PERCHLORATE ANALYSIS *4PPB - **2PPB										Free Chlo	Hach	Hach Portable		Flow per vessel GPD					
Date	Analysis	*SV 99	**SV 100	**SV 101	**SV 102	**SV 103	**SV 200	**SV 204	*SV 205	Residual	Online	well Head	SV 205	SV 101	SV 102	SV 103	SV-201	SV 202	SV 203
1/1/2006	Holiday																		
1/2/2006										.48mg/l	37.2mg/l	34.5mg/l	35.9mg/l	409100	473400	366400	397600	389400	387600
1/3/2006	bacteria	absent					absent		absent	.46mg/l	37.1mg/l	27.3mg/l	23.4mg/l	277300	220700	247900	265500	263900	262800
1/3/2006	perchlorate	5ppb	6ppb	nd	nd	nd	nd	nd	nd										
1/3/2006	nitrate	32mg/l							32mg/l										
1/3/2006	sulfate	24mg/l							24mg/l										
1/4/2006										.49mg/l	37.2mg/l	33.5mg/l	35.4mg/l	190600	193100	170300	182400	181500	180600
1/5/2006										.45mg/l	37.3mg/l	26.0mg/l	26.2mg/l	226100	228300	201100	215800	214400	213600
1/6/2006										.52mg/l	37.2mg/l	28.0mg/l	28.4mg/l	177000	178300	156800	168100	167200	166600
1/7/2007										.58mg/l	37.2mg/l	32.1mg/l	33.2mg/l	182300	183500	161200	173200	172100	171500
1/8/2006										.36mg/l	37.1mg/l	32.3mg/l	26.4mg/l	212300	214300	188200	202300	200900	200400
1/9/2006	perchlorate	5ppb	6ppb	nd	nd	nd	nd	nd	nd	.74mg/l	37.4mg/l	27.1mg/l	30.0mg/l	276500	279300	244600	263000	262200	261500
1/9/2006	nitrate	30mg/l							30mg/l										
1/10/2006										.51mg/l	37.1mg/l	36.1mg/l	36.5mg/l	190400	191800	167300	180300	178000	177800
1/11/2006										.48mg/l	37.3mg/l	29.9mg/l	35.9mg/l	212200	214200	188100	202200	200800	200200
1/12/2006										.51mg/l	37.2mg/l	35.8mg/l	36.1mg/l	233600	231000	205800	218700	217100	216700
1/13/2006										.47mg/l	37.2mg/l	35.7mg/l	35.9mg/l	155000	153000	136400	144900	143900	143600
1/14/2006										.57mg/l	37.3mg/l	26.3mg/l	24.0mg/l	280300	227600	202500	215300	213700	213400
1/15/2006										.56mg/l	37.2mg/l	29.2mg/l	35.9mg/l	181900	179700	159700	170000	168600	168500
1/16/2006	holiday									.48mg/l	37.2mg/l	30.8mg/l	29.1mg/l	239800	236800	210600	223800	222100	221900
1/17/2006	perchlorate	6ppb	6ppb	nd	nd	nd	nd	nd	nd	.46mg/l	37.5mg/l	36.0mg/l	29.4mg/l	252300	249200	220900	235300	233400	233300
1/17/2006	nitrate	32mg/l							32mg/l										
1/18/2006										.49mg/l	37.3mg/l	35.2mg/l	36.4mg/l	260500	257900	241600	230100	229400	228300
1/19/2006										.48mg/l	37.5mg/l	35.4mg/l	35.1mg/l	170400	171900	139200	175100	173000	174000
1/20/2006										.28mg/l	37.4mg/l	30.4mg/l	36.2mg/l	210100	209900	185800	198100	196500	196500
1/21/2006										.60mg/l	37.3mg/l	33.4mg/l	35.8mg/l	165300	165200	146200	155900	154500	154700
1/22/2006										.68mg/l	37.3mg/l	30.0mg/l	32.3mg/l	198400	198200	175200	187000	185400	185500
1/23/2006	perchlorate	5ppb	6ppb	nd	nd	nd	nd	nd	nd	.62mg/l	38.7mg/l	34.9mg/l	33.0mg/l	226000	225800	199800	213000	211200	211400
1/23/2006	nitrate	32mg/l							32mg/l										
1/24/2006										.58mg/l	37.6mg/l	34.8mg/l	35.2mg/l	211800	210600	197100	202500	200800	201000
1/25/2006										.53mg/l	37.5mg/l	36.1mg/l	36.3mg/l	190800	189700	177100	182300	180700	180900
1/26/2006										.50mg/l	37.5mg/l	35.6mg/l	35.6mg/l	173900	173300	161300	166300	164900	165200
1/27/2006										.52mg/l	37.5mg/l	35.1mg/l	35.7mg/l	236000	235100	218400	225300	223400	223800
1/28/2006										.74mg/l	37.5mg/l	32.9mg/l	30.8mg/l	169900	169300	156900	162400	160900	161200
1/29/2006										.73mg/l	37.7mg/l	33.3mg/l	32.7mg/l	248100	247500	229100	236900	234800	235400
1/30/2006	perchlorate	6ppb	6ppb	nd	nd	nd	nd	nd	nd	.62mg/l	37.6mg/l	37.2mg/l	31.3mg/l	218300	217800	201000	208200	206400	206900
1/30/2006	nitrate	35mg/l							35mg/l										
1/31/2006										.39mg/l	38.0mg/l	33.1mg/l	35.7mg/l	230,900	230,500	212,300	220,000	218,000	218,600