COUNTY OF ALAMEDA
PUBLIC WORKS AGENCY
951 Turner Court, Hayward, CA 94545
(510) 670-5543

DATE: 3-12

FAX TRANSMITTAL

No of Pages (including cover): 8

TO: Juliet Shin	FROM: Andreas Goldfrey
FAX:	FAX:

Should you have problems receiving this FAX transmittal, please call: _____

SUBJECT: Wells

TRANSMITTING THE FOLLOWING:

WELL INVENTORY FILE

Definitions and abbreviations for items listed in the well inventory file are as follows:

[**WELLNO**] Well number - Wells are numbered according to their location in the rectangular system of the Public Land Survey. The part of the number preceding the slash indicates the township; the part following the slash indicates the range and section number; the letter following the section number indicates the 40-acre subdivision; and the final digit is a serial number for wells in each 40-acre subdivision.

[**DAT**] Date - The month and year when drilling or boring was completed.

[**ELEV**] Surface elevation - The surface elevation of the well, if known, in feet above mean sea level. A zero designates an unknown elevation.

[**TD**] Total depth - The depth of the well. This usually designates the completed well depth. If the well has a well log available on file, then the total drilled depth of the well is given. The inventory does not show total depth data for geotechnical borings. This is because only one state well number is assigned to one boring at a site, and there are usually several borings of different depth.

[**DTW**] Depth to water - This category usually indicates the standing groundwater level in the well on the date of completion. The "depth to first water encountered" is recorded in the inventory when it is the only water level data reported on the well driller's report.

[**USE**] Use - The well use (or in the case of cathodic protection wells and geotechnical borings, the reason for the excavation) as indicated in the well driller's report or data sheets. A plus sign (+) after the well use indicates a well in the current ACFC & WCD monitoring network.

[**ABN**] Abandoned well - A well whose use has been permanently discontinued or which is in such a state of disrepair that no water can be produced. In the inventory, this may include wells which are covered or capped but not properly destroyed.

[**CAT**] Cathodic protection well - Any artificial excavation constructed by any method for the purpose of installing equipment or facilities for the protection from corrosion by electrochemical methods of metallic equipment (usually piping) in contact with the ground; commonly referred to as cathodic protection.

[**DES**] Destroyed well - A well that has been properly filled so that it cannot produce water nor act as a vertical conduit for the movement of groundwater.

[**DOM**] Domestic well - A water well which is used to supply water for the domestic needs of an individual residence or systems of four or less service connections or "hookups".

[EXT] Extraction well - generally used in site remediation to extract contaminated water for treatment.

[GEO] Geotechnical boring - A temporary boring made to determine certain engineering properties of soils. An asterisk (*) indicates that the state well number assigned to the boring represents more than one boring at a particular site.

[INA] Inactive well - A well not routinely operating but capable of being made operable with a minimum of effort. Also called a "standby well".

[IND] Industrial well - A well used to supply water for industrial use

[INJ] Injection well - reintroduces water into the aquifer for recharge

[IRR] Irrigation well - A water well used to supply water only for irrigation or other agricultural purposes. In the inventory, this category includes large capacity wells as well as small capacity wells for lawn irrigation.

[MON] Monitoring or observation well - Wells constructed for the purpose of observing or monitoring groundwater conditions. (see piezometer).

[MUN] Municipal well - A water well used to supply water for domestic purposes in systems subject to Chapter 7, Part 1,
Division 5 of the California Health and Safety Code. Included are wells supplying public water systems classified by the Department of Health Services. (Also referred to as community water supply wells).

[PIE] Piezometer - A piezometer is a well specifically designated to measure the hydraulic head within a zone small enough to be considered a point as contrasted with a well that reflects the average head of the aquifer for the screened interval.

[REC] Recovery well - same as extraction well

[STO] Stock - A water well used primarily for livestock.

[TES] Test well and test hole - A test well is constructed for the purpose of obtaining the information needed to design a well prior to its construction. Such wells are not to be confused with "test holes" which are temporary in nature (i.e., uncased excavations whose purpose is the immediate determination of existing geologic and hydrologic conditions). Test wells are cased and can be converted to observation or monitoring wells, and under certain circumstances, to production wells. In the inventory, "TES" includes both test wells and test holes.

[?] Unidentified use - This indicates water wells whose use could not be ascertained from the available well data.

[**LOG**] Log - This category indicates whether a geologic record, or log, for the well or boring is available in the Agency's files. Abbreviations are as follows:

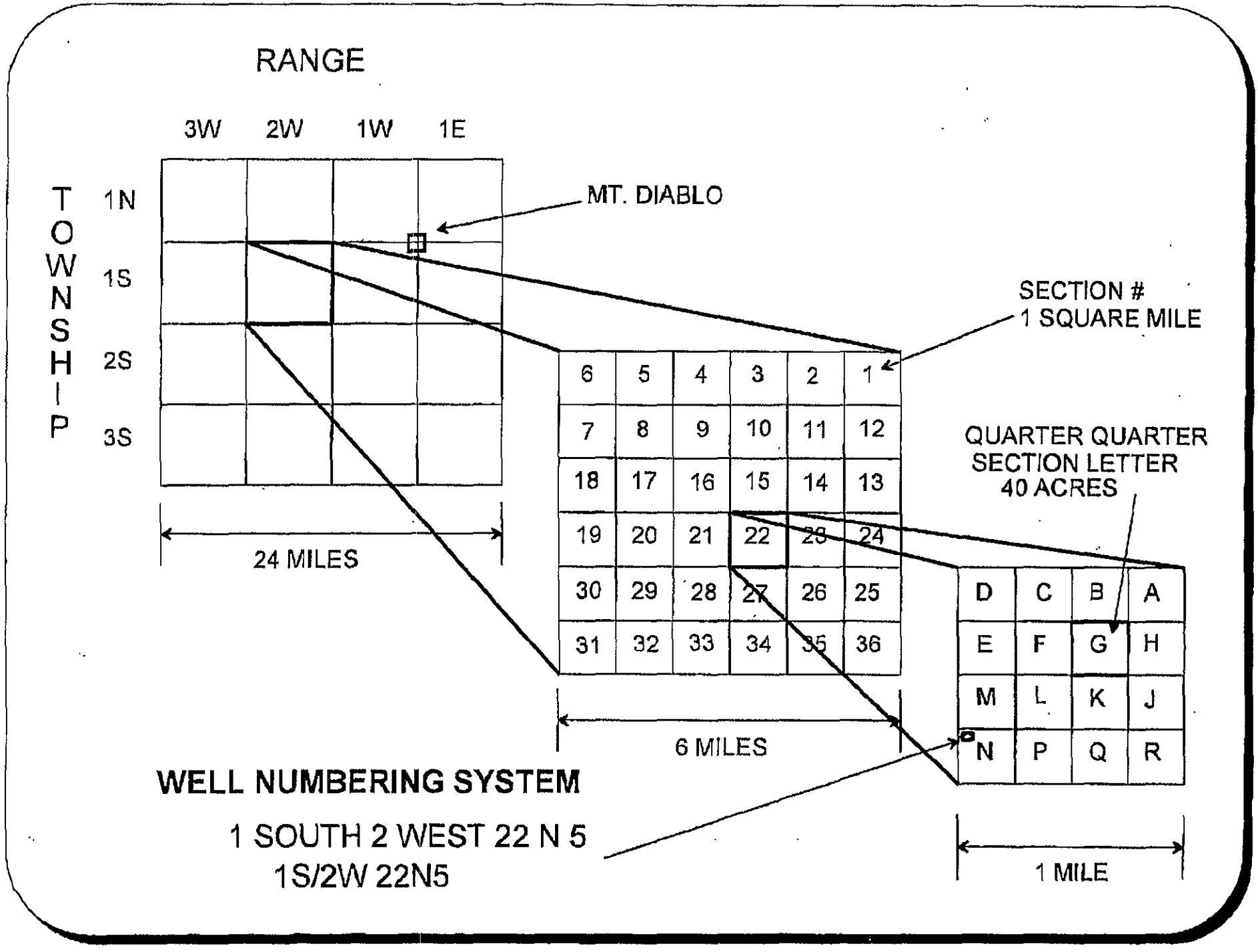
D - well driller's log
G - geotechnical boring log
E - electric (resistivity) log or other subsurface geophysical logs.

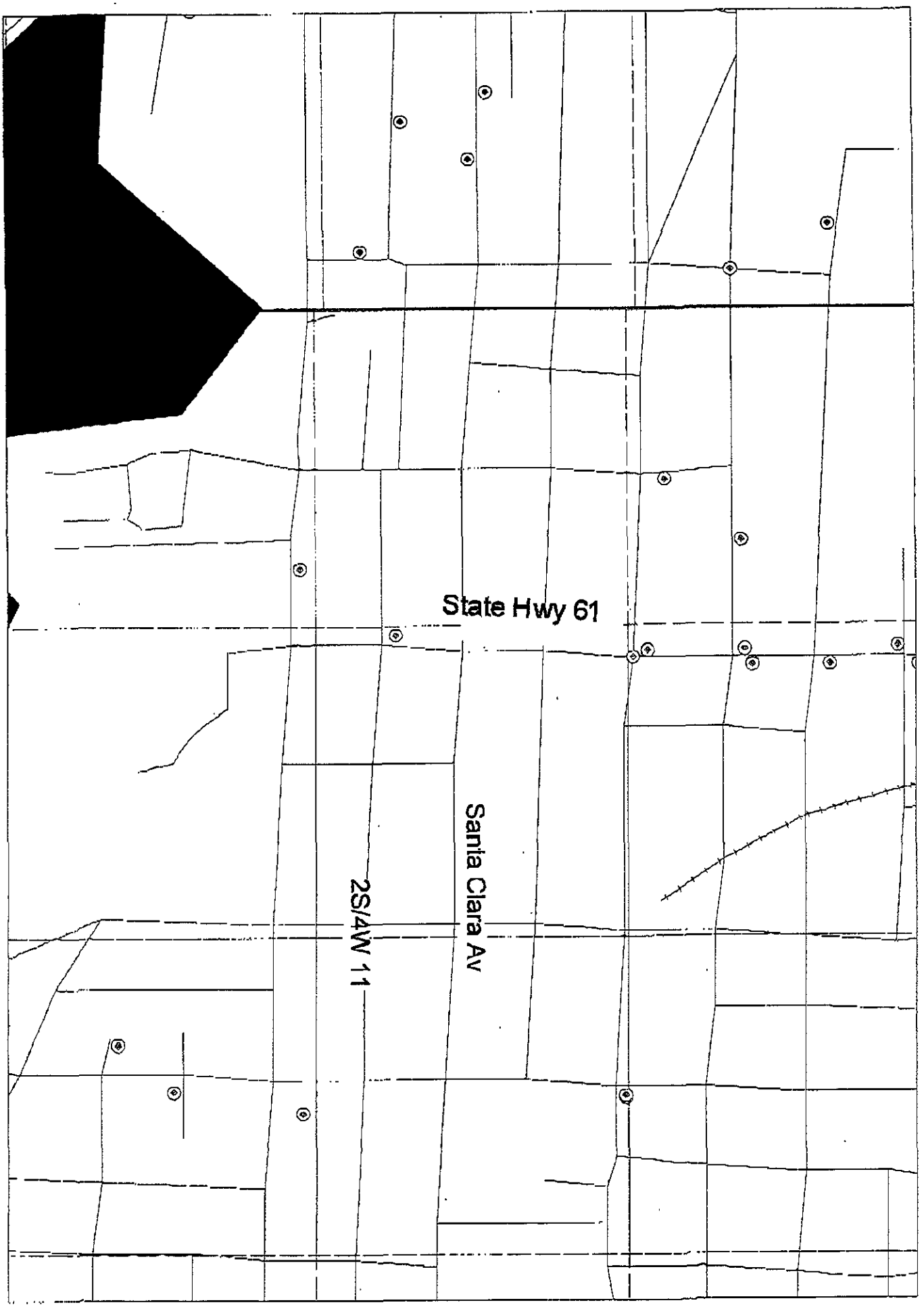
[**WQ**] Water quality data available - This category indicates which wells have water quality data available in ACFC & WCD files. The numbers 1 through 9 signify the number of sets of water quality measurements available for that well. A plus sign (+) indicates that 10 or more sets of data are available. A "0" indicates that no data is available.

[**WL**] Water level data available - This category indicates which wells have water level data other than the data reported on the well driller's logs. The numbers 1 through 9 signify the number of water level measurements available. A plus sign (+) indicates that 10 or more measurements are available for that well.
A "0" indicates that no data is available.

[**YLD**] Yield - The maximum pumping rate in gallons per minute that can be supplied by a well without lowering the water level in the well below the pump intake. This data is taken from pump test data recorded in the driller's records. Some of the yield data reflects current production rates and does not reflect maximum yield values determined in a capacity test.

[**DIA**] Diameter - The diameter in inches of the main casing in a well. May also indicate the diameter of a hand-dug well. Diameter data is not recorded for geotechnical borings.




State Hwy 61
Santa Clara Av
2S/4W 11

Tr	Section	Address	Longcity	Owner	Update	Xcoord	Ycoord	Matchlevel
2S/4W	11F 2	1601 Webster Street	Alameda	Shell Oil Company	05/30/1990	122276100	37775665	0
2S/4W	11F 3	1601 Webster Street	Alameda	Shell Oil Company	05/30/1990	122276100	37775665	0
2S/4W	11C 3	1701 Webster Street	Alameda	Bernita Leskowski	07/09/1990	122276100	37776735	0
2S/4W	11C 4	1701 Webster Street	Alameda	Bernita Leskowski	07/09/1990	122276100	37776735	0
2S/4W	11C 5	1701 Webster Street	Alameda	Bernita Leskowski	07/09/1990	122276100	37776735	0
2S/4W	2P 1	Atlantic & Webster	Alameda	City of Alameda	03/28/1991	122275900	37780000	0
2S/4W	2N	WEBSTER ST & ATLANTIC AVE	Alameda	PERALTA COMMUNITY COLLEGE	01/21/1987	122275900	37780000	0
2S/4W	10A 1	462 BUENA VISTA	Alameda	JOHN CAVALLO	08/02/1984	122282149	37777683	2
2S/4W	10A 2	441 PACIFIC & 5TH	Alameda	G.S. STAGNARO	08/02/1984	122281500	37776800	0
2S/4W	10H 1	447 TAYLOR AVE	Alameda	A.E. BRYANT	08/02/1984	122283659	37772952	0
2S/4W	10H 2	427 SANTA CLARA AVE	Alameda	RICHARD FAUCETT	08/02/1984	122284079	37773900	0
2S/4W	10H 3	462 SANTA CLARA AV	Alameda	PG&E	01/17/1985	122283117	37773700	0
2S/4W	10J 1	1417 5TH ST	Alameda	RICHARD RUTH	08/02/1984	122281800	37772486	0
2S/4W	11C	1916 WEBSTER ST	Alameda	ALAMEDA HOUSING AUTH	10/06/1986	122275879	37778733	0
2S/4W	11C 1	1916 WEBSTER ST	Alameda	ALAMEDA HOUSING AUTH	10/06/1986	122275879	37778733	0
2S/4W	11C 2	1916 WEBSTER ST	Alameda	ALAMEDA HOUSING AUTH	10/06/1986	122275879	37778733	0
2S/4W	11D 1	635 PACIFIC ST	Alameda	CITY OF ALAMEDA (F/H #2)	07/22/1986	122277647	37776700	2
2S/4W	11E 1	1614 6TH ST	Alameda	DANIEL ROBINSON	08/02/1984	122278526	37775859	0
2S/4W	11F 1	1601 WEBSTER & LINCOLN	Alameda	SHELL SERVICE STATION	02/23/1988	122276000	37776500	0
2S/4W	11K 1	801 SAN ANTONIO AVE	Alameda	MRS. VAILE	08/02/1984	122270506	37769783	0
2S/4W	11K 2	920 CENTENNIAL AVE	Alameda	LAWRENCE PICETTI	02/24/1988	122269839	37770400	0
2S/4W	11M 1	645 CENTRAL	Alameda	PAUL MARRETT	08/02/1984	122277265	37771800	2
2S/4W	11C 6	701 Atlantic Ave	Alameda	Alameda Housing Authority	03/09/1992	122272704	37779526	1
2S/4W	11K 3	905 Central Ave	Alameda	Watson Butcher	08/14/1992	122269536	37771830	1
2S/4W	11C	1900 Webster St	Alameda	Taco Bell U-14	09/23/1992	122276138	37778429	1
2S/4W	2P 2	Webster & Atlantic	Alameda	College of Alameda MW-1	09/24/1992	122275900	37780000	1
2S/4W	2P 3	Webster & Atlantic	Alameda	College of Alameda MW-2	09/24/1992	122275900	37780000	1
2S/4W	2P 4	Webster & Atlantic	Alameda	College of Alameda MW-3	09/24/1992	122275900	37780000	1
2S/4W	11C 7	1916 Webster St	Alameda	Alameda Housing Auth.MW-3	09/30/1992	122275879	37778733	1
2S/4W	11G 1	901 Lincoln Avenue	Alameda	Steve Chrissanthos MW-1	04/30/1993	122269768	37775414	1
2S/4W	11G 2	901 Lincoln Avenue	Alameda	Steve Chrissanthos MW-2	04/30/1993	122269768	37775414	1
2S/4W	11G 3	901 Lincoln Avenue	Alameda	Steve Chrissanthos MW-3	04/30/1993	122269768	37775414	1
2S/4W	11C 8	1900 Webster St.	Alameda	Dolan Foster Enterprises	06/16/1993	122275877	37778656	1
2S/4W	11C 9	1900 Webster St.	Alameda	Dolan Foster Enterprises	06/16/1993	122275877	37778656	1
2S/4W	11C10	1900 Webster St.	Alameda	Dolan Foster Enterprises	06/16/1993	122275877	37778656	1
2S/4W	11C11	1900 Webster St.	Alameda	Dolan Foster Enterprises	06/16/1993	122275877	37778656	1
2S/4W	11C12	1601 Webster St.	Alameda	Shell Oil Company	06/17/1993	122276088	37775662	1
2S/4W	11C13	1716 Webster St.	Alameda	BP Oil Co. #11104	06/18/1993	122275900	37776819	1
2S/4W	11C14	1716 Webster St.	Alameda	BP Oil Co. #11104	06/18/1993	122275900	37776819	1
2S/4W	11C15	1716 Webster St.	Alameda	BP Oil Co. #11104	06/18/1993	122275900	37776819	1
2S/4W	11C16	1802 Webster St.	Alameda	Chevron B-7	07/13/1993	122275882	37777674	1
2S/4W	11C17	1802 Webster St.	Alameda	Chevron B-8	07/13/1993	122275882	37777674	1
2S/4W	11C18	1802 Webster St.	Alameda	Chevron B-9	07/13/1993	122275882	37777674	1
2S/4W	11C19	1716 Webster St.	Alameda	BP Oil Co. #11104 MW-4	07/15/1993	122275880	37776819	1
2S/4W	11C20	1716 Webster St.	Alameda	BP Oil Co. #11104 MW-5	07/15/1993	122275880	37776819	1
2S/4W	11F 4	1435 Webster St.	Alameda	John Ferrar MW-1	07/15/1993	122276327	37772858	1
2S/4W	11F 5	1435 Webster St.	Alameda	John Ferrar MW-2	07/15/1993	122276327	37772858	1
2S/4W	11F 6	1435 Webster St.	Alameda	John Ferrar MW-3	07/15/1993	122276327	37772858	1
2S/4W	11C	1601 Webster St.	Alameda	Shell Oil Company	07/22/1993	122276090	37775665	1
2S/4W	11G	901 Lincoln Avenue	Alameda	Steve Chrissanthos	07/22/1993	122269740	37775416	1
2S/4W	11D 2	635 Pacific Ave.	Alameda	Fire Station #2 MW-2	07/28/1993	122277637	37776700	1
2S/4W	11D 3	635 Pacific Ave.	Alameda	Fire Station #2 MW-3	07/28/1993	122277637	37776700	1
2S/4W	11D 4	635 Pacific Ave.	Alameda	Fire Station #2 MW-4	07/28/1993	122277637	37776700	1

Connect

Tsrqq	Rec code	Phone	City	Drildate	Elevation	Totaldepth	Waterdepth	Diameter	Use	Log	Wq	Wl	Yield	Dtwcalc	Old dbase
2S/4W 11F	49		OALA	4/90	14	21	8	4	MON	D	0	0	0	6	D
2S/4W 11F	50		OALA	4/90	14	20	8	4	MON	D	0	0	0	6	D
2S/4W 11C	489		OALA	11/89	0	19	8	2	MON	D	0	0	0	0	D
2S/4W 11C	490		OALA	11/89	0	19	8	2	MON	D	0	0	0	0	D
2S/4W 11C	491		OALA	11/89	0	19	8	2	MON	D	0	0	0	0	D
2S/4W 2P	1532		OALA	9/90	0	7	0	4	TES	D	0	0	0	0	D
2S/4W 2N	4024		OALA	10/86	6	102	6	0	BOR	G	0	0	0	0	L
2S/4W 10A	4039		OALA	/35	0	23	4	5	IRR	?	0	1	0	0	L
2S/4W 10A	4040		OALA	/06	0	315	71	6	IRR	?	0	2	0	0	L
2S/4W 10H	4062		OALA	5/77	0	36	9	8	IRR	D	0	0	0	0	L
2S/4W 10H	4063		OALA	5/77	0	30	5	0	IRR	D	0	0	6	0	L
2S/4W 10H	4054		OALA	6/76	0	120	0	0	CAT	D	0	0	0	0	L
2S/4W 10J	4055		OALA	11/77	0	45	16	0	IRR		0		0	0	L
2S/4W 11C	4058		OALA	08/86	0	12	5	0	BOR	G	0	0	0	0	L
2S/4W 11C	4059		OALA	08/86	0	14	4	2	MON	G	0	0	0	0	L
2S/4W 11C	4060		OALA	08/86	0	10	5	2	MON	G	0	0	0	0	L
2S/4W 11D	4061	5224100	OALA	6/86	0	23	5	2	MON	G	0	0	0	0	L
2S/4W 11E	4062		OALA	6/77	0	25	8	6	IRR	D	0	0	5	0	L
2S/4W 11F	4063		OALA	9/87	0	20	7	3	MON	G	0	0	0	0	L
2S/4W 11K	4072		OALA	1/58	0	0	8	36	IRR	?	0	2	0	0	L
2S/4W 11K	4073		OALA	10/87	0	70	18	6	IRR	D	0	0	20	0	L
2S/4W 11M	4074		OALA	10/77	0	88	17	8	IND	D	0	0	22	0	L
2S/4W 11C	7336		OALA	7/91	0	15	4	2	MON	D	0	0	0	0	D
2S/4W 11K	7721		OALA	8/91	0	75	15	0	MON	D	0	0	0	0	D
2S/4W 11C	7970		OALA	5/92	0	20	16	0	BOR	G	0	0	0	0	D
2S/4W 2P	8001		OALA	2/92	101	16	6	2	MON	G	0	0	0	9	6D
2S/4W 2P	8002		OALA	2/92	100	16	6	2	MON	G	0	0	0	9	4D
2S/4W 2P	8003		OALA	2/92	101	17	0	2	MON	G	0	0	0	0	D
2S/4W 11C	8173		OALA	7/91	6	16	4	2	MON	D	0	0	0	2	D
2S/4W 11G	0		OALA	12/92	0	16	9	2	MON	D	0	0	0	9	D
2S/4W 11G	0		OALA	12/92	0	16	14	2	MON	D	0	0	0	0	D
2S/4W 11G	0		OALA	12/92	0	16	14	2	MON	D	0	0	0	0	D
2S/4W 11C	0		OALA	8/92	0	18	0	4	MON	D	0	0	0	0	D
2S/4W 11C	0		OALA	8/92	0	18	0	4	MON	D	0	0	0	0	D
2S/4W 11C	0		OALA	8/92	0	18	0	4	MON	D	0	0	0	0	D
2S/4W 11C	0		OALA	8/92	0	19	0	4	MON	D	0	0	0	0	D
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2S/4W 11C	0		OALA	7/92	0	17	9	2	MON	D	0	0	0	0	D
2S/4W 11C	0		OALA	7/92	0	17	9	2	MON	D	0	0	0	0	D
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2S/4W 11C	0		OALA	3/93	0	16	5	2	MON	G	0	0	0	0	D
2S/4W 11C	0		OALA	3/93	0	16	5	2	MON	G	0	0	0	0	D
2S/4W 11C	0		OALA	3/93	0	16	5	2	MON	G	0	0	0	0	D
2S/4W 11C	0		OALA	3/93	0	15	5	2	MON	D	0	0	0	0	D
2S/4W 11C	0		OALA	3/93	0	15	5	2	MON	D	0	0	0	0	D
2S/4W 11F	0		OALA	1/93	0	24	0	2	MON	G	0	0	0	0	D
2S/4W 11F	0		OALA	1/93	0	24	0	2	MON	G	0	0	0	0	D
2S/4W 11F	0		OALA	1/93	0	24	0	2	MON	G	0	0	0	0	D
2S/4W 11C	0		OALA	10/92	0	13	10	0	BOR	G	0	0	0	0	D
2S/4W 11G	0		OALA	12/92	0	18	14	0	BOR	G	0	0	0	0	D
2S/4W 11D	0		OALA	8/92	0	18	0	2	MON	G	0	0	0	0	D
2S/4W 11D	0		OALA	8/92	0	18	0	2	MON	G	0	0	0	0	D
2S/4W 11D	0		OALA	8/92	0	20	0	2	MON	G	0	0	0	0	D