Appendix E
Water Supply Wells in Site Vicinity

INDUSTRIAL LIGHT METALS SITE

Summary Table of Offsite Ground Water Extraction Wells within 0.5 Miles of Former ILM Site

Map Showing Offsite Ground Water Extraction Wells within 0.5 Miles of Former ILM Site

DEL AMO STUDY AREA

Wells of Record Within 2-Mile Radius of Study Area – US EPA

INDUSTRIAL LIGHT METALS SITE

Summary Table of Offsite Ground Water Extraction Wells Within 0.5 Miles of Former ILM Site

TABLE A.1

OFFSITE GROUND WATER EXTRACTION WELLS WITHIN 0.5 MILES OF FORMER ILM FACILITY LOCKHEED MARTIN CORPORATION

MAP NUMBER	WELL ID[1]	STATE WELL NAME	OWNER	WELL USE	DIRECTION RELATIVE TO SITE	DEPTH (ft bgs)	DEPTH TO TOP OF SCREEN (ft bgs)	DEPTH TO BOTTOM OF SCREEN (ft bgs)	DATE INSTALLED	LAST USED	FATE
1[2]	783S	NA	T. H. Wright	NA	NW	NA	NA	NA	NA	12/21/61	Covered, Not Destroyed
2[2]	784	NA	General Petroleum Co.	NA	W	NA	NA	NA	1909	1912	Not Used Since
3	793	3S/14W-36E01	Ms. Francis A. Corwin	Domestic	N	163	NA	NA	1903	1930	Not Used Since
4[2]	793A	NA	Jack and Betty Ordway	NA	NE	NA	NA	NA	1910	NA	NA
5	793D	3S/14W-35J01	Hugh Cameron	NA	NW	NA	NA	NA	1904	NA	NA
6	793F	3S/14W-36L01	H. T. Jorgensen	NA	NE	270	NA	NA	NA	01/47	Not Used Since
7	793G	3S/14W-36L02	F. A. Conover	Irrigation	NE	NA	NA	NA	1905	NA	NA
8[2]	793K	NA	H. W. Douglas	NA	N	45	NA	NA	1921	1929	Not Used Since
9	794A	4S/14W-01F01	Aluminum Co. of Amer.	NA	E	600	473	514	10/42	NA	Abandoned
10	794B	4S/14W-01F02	Douglas Aircraft	Industrial Supply	E	600	477-535	506-540	10/42	Active	Abandoned
11	794C	4S/14W-01F03	Aluminum Co. of Amer.	Industrial Supply	E	600	427-538	433-550	08/42	Active	Abandoned
12	794D	3S/14W-36N02	John Zurlite	NA	NE	NA	NA	NA	NA	1947	Abandoned
13	803B	3S/14W-36K03	Barnett Ranch	NA	NE	234	NA	NA	1900	NA	Abandoned
14[2]	803M	NA	O. C. Miller	NA	NE	NA	NA	NA	NA	1947	Not Used Since
15[2]	803N	NA	E. J. Wait	NA	NE	NA	NA	NA	NA	1947	Not Used Since
16[2]	803Q	NA	F. C. Irvine	NA	NE	572	471, 505	479, 528	03/49	NA	NA
17	804B	3S/14W-36Q02	M. E. Woods	NA	NE	702	NA	NA	NA	NA	NA
18[2]	UBE-01	NA	Montrose	NA	SE	NA	NA	NA	NA	NA	NA
19[2]	UBT-01	NA	Montrose	NA	SE	98.8	NA	NA	9/22/89	NA	NA
20[2]	UBT-02	NA	Montrose	NA	SE	99.3	NA	NA	9/16/89	NA	NA
21[2]	UBT-03	NA	Montrose	NA	SE	97.3	NA	NA	9/12/89	NA	NA
22[2]	PW-01	16	Allied Signal	NA	S-SW	NA	NA	NA	Appr. 6/13/95	NA	NA
23[2]	PW-02	17	Allied Signal	NA	S-SW	NA	NA	NA	Appr. 6/13/95	NA	NA
24[2]	200' Cathode	NA	Mobil	NA	SW	200	145	200	Appr. 9/12/79	In Service	In Service
25[2]	EW-02	NA	Mobil	Dewatering GW Table	W-SW	170	80, 160	150, 165	5/14/90	NA	NA
26[2]	EW-03	NA	Mobil	Dewatering GW Table	W-SW	160	74, 150	145, 155	5/17/90	NA	NA
27[2]	EW-04	NA	Mobil	Dewatering GW Table	W-SW	155	65, 145	140, 150	6/1/90	NA	NA
28[2]	EW-05	NA	Mobil	Dewatering GW Table	W	160	65, 150	145, 155	5/20/90	NA	NA
29[2]	EW-06	NA	Mobil	Dewatering GW Table	SW	159	74, 149	144, 154	5/25/90	NA	NA
30[3]	EW-9	NA	Mobil	Dewatering GW Table	NA	560	290	550	7/1/87	NA	NA
31[2]	EW-10	NA	Mobil	Dewatering GW Table	W	650	260, 545	380, 640	7/18/87	NA	NA

(1) Obtained from Draft 1996 DAR.
(2) Mapped from Figure C-2, Draft 1996 DAR.
(3) Not able to map. Location information not provided.
NA = Not Available

Sources: Geraghty & Miller, Inc. 1996. Draft Groundwater Data Assessment Report (DAR) RCRA Facility Investigation Lockheed Martin Corporation International Light Metals Facility, Torrance, California, Volume I, May 1996. Well Survey updated in 1998 by Geraghty & Miller and in 1999 by TRC.
ARCADIS Geraghty & Miller, Inc., 1999. Exposure Pathway Assessment and Human Health Risk Assessment Scope of Work, Former ILM Facility.

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TABLE A.2

ACTIVE GROUND WATER EXTRACTION WELLS WITHIN 2 MILES OF FORMER ILM FACILITY LOCKHEED MARTIN CORPORATION

STATE WELL NAME	OWNER	WELL USE	DIRECTION RELATIVE TO SITE	DEPTH (ft bgs)	DEPTH TO TOP OF SCREEN (ft bgs)	DEPTH TO BOTTOM OF SCREEN (ft bgs)	DATE INSTALLED	ACTIVE
3S/14W-34N04	SCE	NA	NW	236	168, 194	184, 200	12/18/53	Y (1995)
4S/14W-10D02	Dominguez Water Corp.	Municipal (Public Supply)	SW	800	300	800	NA	N (1994) Y (1995)
4S/14W-10D03	Dominguez Water Corp.	Domestic	SW	560	285-531(1)	296-542(1)	7/3/68	Y (1995)
3S/14W-34C02	City of Torrance	Municipal (Public Supply)	NW	810	200	786	1965	Y (1995)
3S/14W-34B02	SCE	Industrial Supply	NW	485	196	337	1929	Y (1995)
4S/14W-03L04	Mobil	NA	W	454	124	448	06/42	Y (1995)
4S/14W-10K02	City of Torrance	Municipal (Public Supply)	SW	812	180	812	1965	Y (1995)
4S/14W-10K03	City of Torrance	Municipal (Public Supply)	SW	816	210	786	NA	Y (1995)
3S/14W-35M07	Garrett Corp.	Irrigation	NW	324	292	321	5/15/64	Y (1995)
3S/14W-25N02	A. D. Seaback	Irrigation	N	205	NA	NA	07/36	N (1994) Y (1995)
3S/14W-25P04	So. Cal. Water Co.	Municipal (Public Supply)	N	751	544-699(1)	555-734(1)	3/25/48	Y (1995)
4S/13W-19B01	General Petroleum Co.	NA	SE	251	212	245	1922	Y (1995)
3S/13W-29E03	H. W. Abernathy	Domestic	NE	72	NA	NA	NA	Y (1995)
3S/13W-30J01	Hansen Enterprises	NA	NE	743	355-658(1)	365-707(1)	10/95	(1994) Y (1995)(2)
3S/13W-30J05	C. F. Johnson	Domestic and Irrigation	NE	156	135	142	3/15/37	Y (1995)
3S/14W-26J01	Mrs. E. V. Kuapa	Domestic	NW	231	NA	NA	4/10/05	Y (1995)(3)
4S/14W-10D04	Dominguez Water Corp.	Municipal (Public Supply)	SW	600	312, 462	353, 556	1969	Y (1995)
4S/14W-03L02	Mobil	Industrial Supply	W	450	130	450	04/38	Y (1995)
4S/14W-03L03	Mobil	Industrial Supply	W	450	130	450	04/40	Y (1995)
4S/14W-10J01	City of Torrance	Municipal (Public Supply)	SW	623	170, 360	320, 520	12/14/35	Y (1994) N (1995)
4S/14W-3M01	Mobil	Industrial Supply	W	NA	NA	NA	NA	Y (1994) N (1995)
3S/14W-25K06	Mayflower Nursery	Municipal (Public Supply)	N	120	112	120	1947	Y (1994) N (1995)
4S/13W-17D01	Dominguez Water Corp.	Not used since 12/18/63	SE	1,701	504-635(1)	511-660(1)	6/26/16	Y (1994) N (1995)
3S/13W-31M01	Maxwell Ziegler	Domestic and Irrigation	NE	664	550, 638	574, 644	01/49	Y (1994) N (1995)
3S/13W-31B07	Clark and Grace Day	NA	NE	384	365	370	8/28/48	Y (1994) N (1995)

99-200\Rpts\GrWaRcFa (12/29/99/rm)

NA = Not Available
Y = yes N = No

(1) There are numerous unique perforation upper and lower limits. Shown is the range of upper perforation and lower perforation.
(2) Abandoned.
(3) Monitored.

Source: Geraghty & Miller, Inc. 1996. Draft Groundwater Data Assessment Report (DAR) RCRA Facility Investigation Lockheed Martin Corporation International Light Metals Facility, Torrance, California, Volume I, May 1996.
Well Survey updated in 1998 by Geraghty & Miller, and in 1999 by TRC.

TRC

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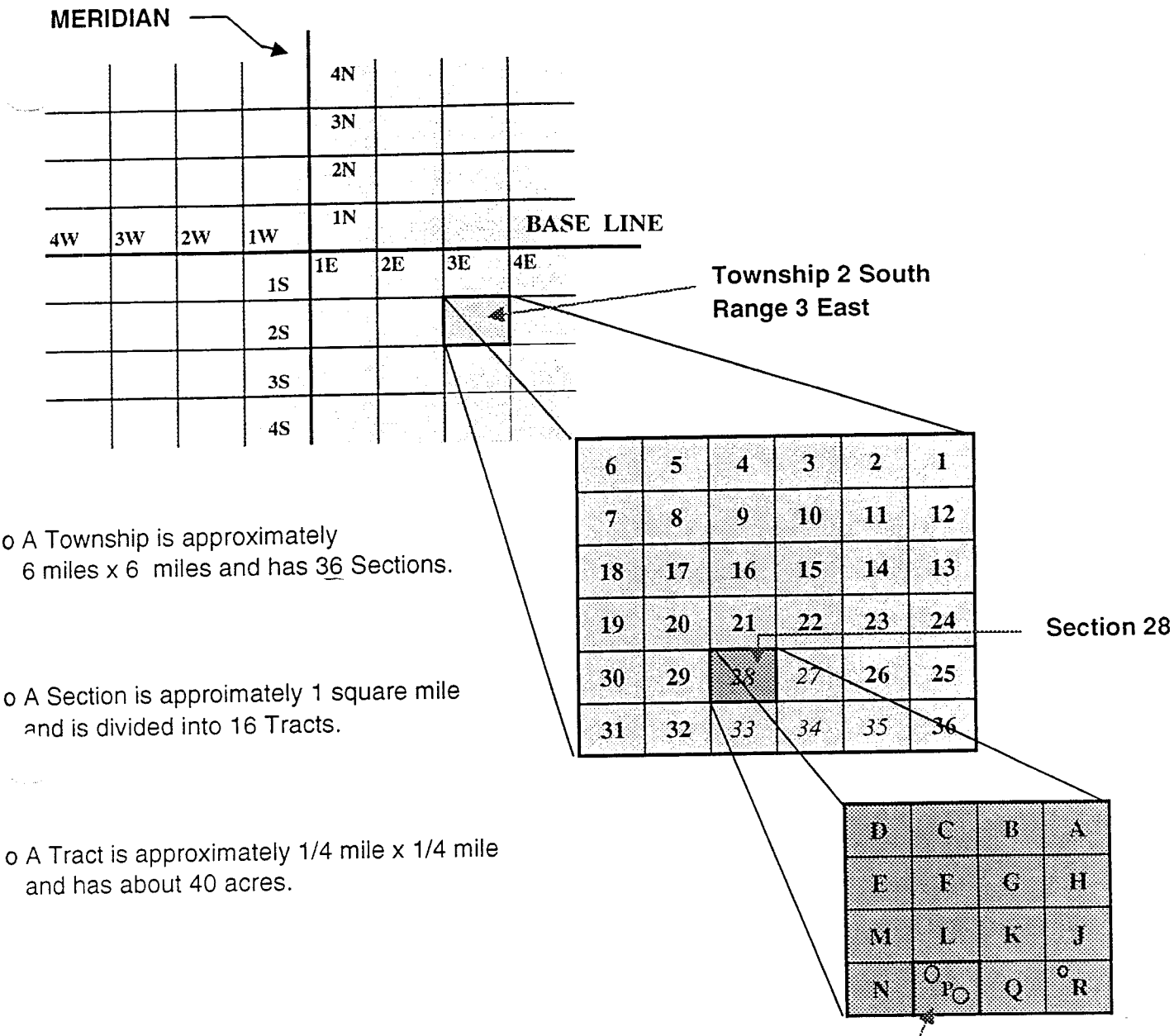


- o A Township is approximately 6 miles x 6 miles and has 36 Sections.
- o A Section is approimately 1 square mile and is divided into 16 Tracts.
- o A Tract is approximately 1/4 mile x 1/4 mile and has about 40 acres.

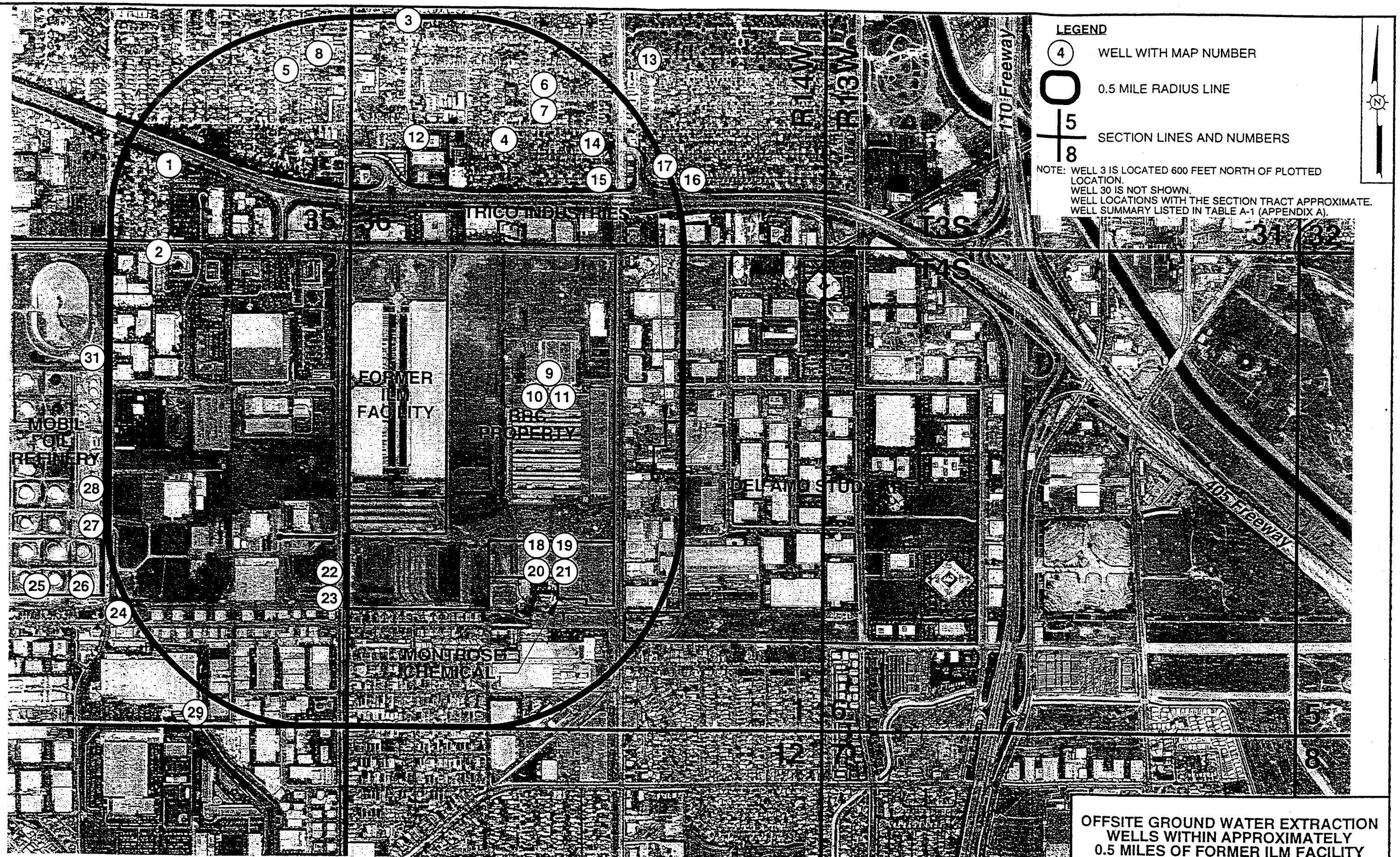
In this example, if there are two wells in Tract P.

The State Well Number for the second well would be:	02S 03E 28 P OO2 S
Township	
Range	
Section	
Tract	
Sequence number of well within the tract	
Base and Meridian (S for San Bernardino and M for Mount Diablo)	

INDUSTRIAL LIGHT METALS SITE

Map Showing Offsite Ground Water Extraction Wells Within 0.5 Miles of Former ILM Site

99-200GW-03 REV.12/30/99



REFERENCE: AERIAL PHOTOGRAPH BY CONTINENTAL AERIAL PHOTO INC. 2/23/99.

OFFSITE GROUND WATER EXTRACTION WELLS WITHIN APPROXIMATELY 0.5 MILES OF FORMER ILM FACILITY

FORMER INTERNATIONAL LIGHT METALS FACILITY
TORRANCE, CALIFORNIA

TRC | FIGURE A.1

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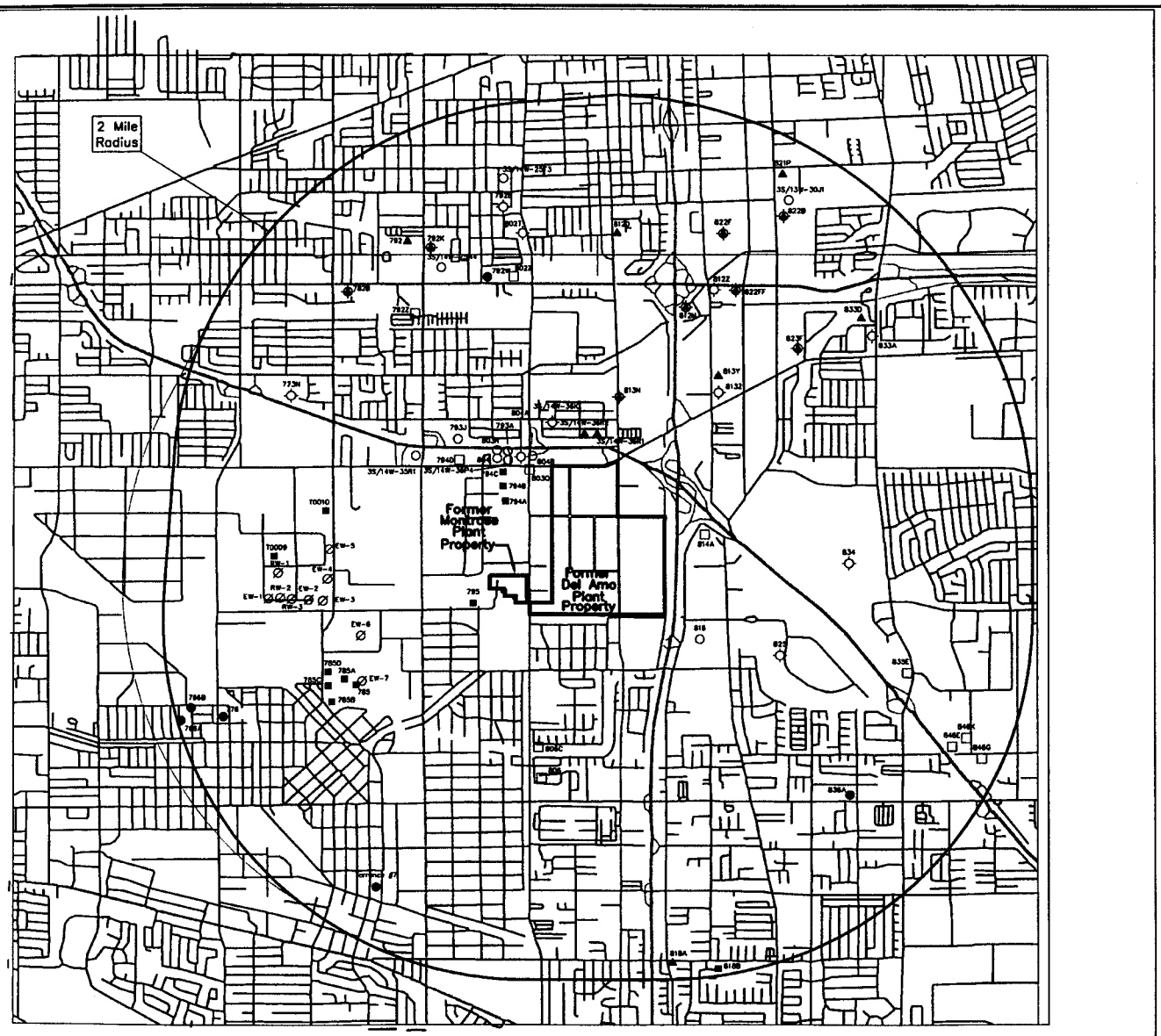
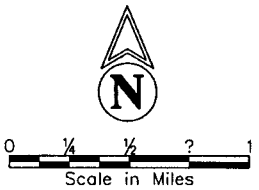
DEL AMO STUDY AREA

Wells of Record Within 2-Mile Radius of Del AmoStudy Area – US EPA.





EXPLANATION

- Municipal supply well
- Domestic supply well
- Irrigation supply well
- Domestic/Irrigation supply well
- Industrial supply well
- Remediation/cleanup well
- Observation well
- Well of unknown use

FIGURE 7-8

Wells of Record Within 2-Mile Radius of Study Area

Record of Decision
Dual Site Groundwater Operable Unit
Montrose and Del Amo Superfund Sites

US EPA Region IX

BOE-C6-0210639