

3/19

IT Corporation

1921 Ringwood Avenue San Jose, CA 95131-1721 Tel. 408.453.7300 Fax. 408.437.9526

A Member of The IT Group

June 6, 2001 Project 821803 (330-006.2Q)

Mr. M.E. Kast 17349 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results

First Quarter 2001 17349 Via Magdalena San Lorenzo, California

Dear Mr. Kast:

This letter presents sampling results of the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT) would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT performed groundwater sampling to test for the presence of gasoline in water from your well. Groundwater samples were collected on March 8, 2001 submitted to the laboratory to be analyzed for total purgeable petroleum hydrocarbons calculated as gasoline (TPPH-g); benzene, toluene, ethylbenzene, xylenes (BTEX compounds); and methyl tert-butyl ether (MtBE). Laboratory analysis of the groundwater samples collected from your well during the March 2001 sampling event detected MtBE at a concentration of 98.3 ppb. Groundwater analytical data for your well are presented in Table 1.

Please call me at (408) 453-7300 or Mr. Amir Gholami of the Alameda County Health Care Services Agency at (510) 567-6700 if you have any questions regarding the contents of this letter.

Sincerely,

IT Corporation

Shaw Garakani Project Engineer March 6, 2001 Page 2

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline and BTEX Compounds, and MtBE)

Mr. Paul Supple, ARCO Products Company, PO Box 6549 Moraga, CA 94570
 Mr. Amir Gholami, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway,
 Floor 2, Alameda, CA 94502-6577

Table 1 (continued)

Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

		TPPH as			Ethyl-	<u> </u>		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE	
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	
<u> </u>		(FF-)	(PP-7)	(PPD)	(PP-)	(PP0)	(PPO)	
17349 VM	03/15/96	1,700	<2.0	<2.0	2.5	13	NA	
ļ	05/27/96	320	4.2	1.3	0.95	0.71	NA.	
	08/29/96	410	7.5	<0.50	<0.50	1.1	NA	
	11/26/96	300	<1.0	1.7	<1.0	2.1	55	
	03/31/97	430	<1.0	2.7	<1.0	1.0	57	c
	06/25/97 **	2,100	30	<5.0	<5.0	6.7	140	- 1
	08/18/97	320	2.0	<0.5	<0.5	<0.5	34	1
	08/18/97		-	_			31	G
	09/09/97	380	6.0	1.4	0.98	< 0.50	38	ı
	09/09/97	Nets	_	==		-	34	c
	11/24/97	240	<1.0	1.1	<1.0	1.4	53	1
	11/24/97	-		_	-		33	ct
	03/19/98	1,300	14	<0.50	<0.50	1.2	250	- 1
	03/19/98	-				1800	27	c
	06/03/98	860	8.7	<0.50	0.7	8.0	38	
	07/29/98	860	20	2.1	<1.2	<1.2	27	ļ
	07/29/98	-			_	_	25	c
	09/21/98	200	<0.50	<0.50	<0.50	14	14	
	12/14/98	254	<0.50	6.92	0.604	1.58	21.7	1
	03/15/99	172	1.35	<0.50	< 0 .50	<0.50	24.2	l
	06/14/99	91	<0.50	3.53	< 0.50	<0.50	88.3	Į
	09/15/99 a	133	< 0.50	<0.50	<0.50	<0.50	184	ĺ
	12/08/99	136	0.681	<0.50	< 0.50	<0.50	267	С
	03/15/00	<50	<0.50	<0.50	<0.50	<0.50	82.1	С
	06/13/00	319	5.28	<0.5	<0.50	<0.50	97.1	
	06/13/00	-	_	_			85	С
	09/19/00	106	<0.50	2.0	<0.50	< 0.50	204.0	
	09/19/00	_				_	84.0	С
	12/14/00	6 6	1.0	<0.50	<0.50	<0.50	188.0	
	12/14/00		_				197.0	С
	03/08/01	<50.0	<0.50	<0.50	<0.50	<0.50	91.8	
	03/08/01						98.3	С
TPPH	= Total purgeabl							
MtBE	= Methyl tert-bi	utyl ether, a	gasoline ado	litive				
ppb	= Parts per bill		-					
<	= Less than lab	oratory dete	ction limit st	tated to the	right			
NA	= Not analyzed				- .			
NS	= Not sampled							
NM	= Not measure	þ						
Н	= Hacienda							
VM .	= Via Magdalena	3						
VE	= Via Encinas							
•	= MtBE data ma	y be anamolo	ous; unable to	confirm with	EPA Method	8260		
**	= Concentration							
			irmation purp		J			

Table 1 (continued)

Groundwater Analytical Data Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

		TPPH as			Ethyl-				
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE		
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)		
a.	Owner not ava	ilable to appi	rove samplin	g access; we	II not sample	ed.			
b.	Well resampled to confirm data of March 14, 1996.								
c.	MtBE result confirmed by EPA Method 8260.								
d.	Pumping equi				vell not samp	ited.			
e.	Access denied				•				
f.	Pump on well	does not work	k. '						
g.	•	Well blocked and pump non-operational; well cannot be resampled.							
_		Note: Homeowners are contacted one week prior to sampling event.							



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A Member of The IT Group

JUN 1 1 2001

June 6, 2001 Project 821803(330-006.2Q)

Mr. Alex Gordin 17197 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results Fourth Quarter 2000

> 17197 Via Magdalena San Lorenzo, California

Dear Mr. Gordin:

This letter presents the results of the sampling of the irrigation water-supply well located at the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT) would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT attempted to perform groundwater sampling to test for gasoline in water from your well on March 8, 2001 but was unable to do so because the well pump was not operational. A table summarizing attempted sampling dates and the results are presented in Table 1.

Please call me at (408) 453-7300 or Mr. Amir Gholami of the Alameda County Health Care Services Agency at (510) 567-6700 if you have any questions regarding the contents of this letter.

Sincerely,

IT Corporation

Shaw Garakani Project Engineer March 6, 2001 Page 2

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline and BTEX Compounds, and MtBE)

cc: Mr. Paul Supple, ARCO Products Company, PO Box 6549 Moraga, CA 94570 Mr. Amir Gholami, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Floor 2, Alameda, CA 94502-6577

Table 1

Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

		TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
	-		" "-				
17197 VM	03/15/96	<50	<0.50	<0.50	<0.50	<0.50	NA
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA
	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	03/31/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	06/25/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/09/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	11/24/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	03/19/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	< 0.50
	09/21/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	12/14/98	<50	<0.50	<0.50	<0.50	<0.50	<2.0
	03/15/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/15/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0
		a NS	NS	NS	NS	NS	NS
		a NS	NS	NS	NS	NS	NS
	06/13/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/19/00	<50	<0.50	<0.50	<0.50	<0.50	<2.6
		f NS	NS	NS	NS	NS	NS
TPPH		f NS	NS	NS	NS	NS	NS
MtBE	= Total purgeab						
ppb	= Methyl tert-b		gasoline add	itive			
<	= Parts per bil		aktalı II.laik ak				
NA NA	= Less than lai		ction limit st	ated to the r	Ignt		
NS	= Not analyzed						
NM	= Not sampled = Not measure						
H	= Hacienda	t u					
VM	= Via Magdalen	1.5					
VE	= Via Imagualen	ıa					
*				B 144-	EDA Mada ad	2000	
**	= MtBE data ma						
	= Concentration August 18, 19	n data are susp 997 for confirm			ging. Well res	ampled on	
a.	Owner not ava				II not sample	ed.	
b.	Well resample	d to confirm o	lata of March	14, 1996.	•		
C.	MtBE result co						
d.	Pumping equip	pment obstru	cting sampli	ng access; w	ell not samp	led.	
e.	Access denied			-	•		
f.	Pump on well	does not work	ί.				
g.	Well blocked a			; well cannot	be resample	ed.	
	Note: Homeov				•		



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A Member of The IT Group

June 6, 2001 Project 821803 (330-006.2Q)

JUN 1 1 2001

Mr. Pimental 17372 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results
First Quarter 2001
17372 Via Magdalena
San Lorenzo, California

Dear Mr. Pimental:

This letter presents sampling results of the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT) would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT performed groundwater sampling to test for the presence of gasoline in water from your well. Groundwater samples were collected on March 8, 2001 and submitted to the laboratory to be analyzed for total purgeable petroleum hydrocarbons calculated as gasoline (TPPH-g); benzene, toluene, ethylbenzene, xylenes (BTEX compounds); and methyl tert-butyl ether (MtBE). The groundwater samples collected from your well did not contain any detectable TPPH-g, BTEX compounds, or MtBE. Groundwater analytical data for your well are presented in Table 1.

Please call me at (408) 441-7500 or Mr. Amir Gholami Logan of the Alameda County Health Care Services Agency at (510) 567-6700 if you have any questions regarding the contents of this letter.

Sincerely,

IT Corporation

Shaw Garakani Project Engineer March 6, 2001 Page 2

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

cc: Mr. Paul Supple, ARCO Products Company, PO Box 6549 Moraga, CA 94570

Mr. Amir Gholami, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Floor 2, Alameda, CA 94502-6577

Table 1

Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

17372 Via Magdalena San Lorenzo, California

		TPPH as			Ethyl-											
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE									
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)									
17372 VM	02/44/06	<50	<0.50	<0.50	<0.50	<0.50	NA									
1731Z VIVI	03/14/96 05/27/96	<50 <50	< 0.50	<0.50	<0.50	<0.50	NA									
	08/29/96	<50 <50	<0.50	<0.50	<0.50	<0.50	NA									
	11/26/96	<50 <50	< 0.50		<0.50	<0.50	<2.5									
	03/31/97	<50 <50	<0.50 <0.50	<0.50 <0.50	<0.50	<0.50	<2.5 <2.5									
	06/25/97	<50 <50	<0.50	<0.50	<0.50	<0.50	<2.5									
	09/09/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5									
	11/24/97	<50 <50	<0.50	<0.50	<0.50	<0.50	<2.5									
	03/19/98	<50	<0.50	<0.50	<0.50	<0.50	1,200									
	03/19/98	-	~0.50	-			1,400	(
	06/03/98	- <50	<0.50	<0.50	<0.50	<0.50	16,000	١								
	07/29/98	<200	<2.0	<2.0	<2.0	<2.0	940									
	07/29/98	~200	~2.0	-2.0			1,100	(
	09/21/98	<50	<0.50	<0.50	<0.50	< 0.50	200	`								
	09/21/98	_	~0.50 —	-0.50		-	360									
	12/14/98	< 50	<0.50	0.823	<0.50	<0.50	20.1	•								
	03/15/99	<50	<0.50	<0.50	<0.50	<0.50	6.66									
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	3.33									
	09/15/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0									
	12/08/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0									
	03/15/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5									
	06/13/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5									
	09/19/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5									
	12/14/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5									
	03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5									
PPH	 	able petrolei	ım hydrocarb			·										
VitBE	= Methyl ter	t-butyl ethe	r, a gasoline	additive												
dqq	= Parts per	billion	-													
<	= Less than	laboratory of	detection lim	it stated to t	he right											
NA	= Not analyz	zed														
NS	= Not samp	ledi														
NM	= Not meas	ured														
Н	= Hacienda															
VM	= Via Magda	lena														
VΕ	= Via Encina	s														
•	= MtBE data	may be anar	nolous; unabl	e to confirm	with EPA Meti	nod 8260										
••			suspect due t		purging. We	il resampled o	on									
a.					; well not sai	mpled.										
b.			rm data of M	_												
C.	•				 *											
	=		~, ~ , , , , , , , , , , , , , , , , , , ,			ItBE result confirmed by EPA Method 8260.										
d.	Pumping ed	uipment ob	structing sai	noling acces	ss; well not s	ampled.										

Well blocked and pump non-operational; well cannot be resampled. Note: Homeowners are contacted one week prior to sampling event.

g.

Pump on well does not work.



1921 Ringwood Avenue San Jose, CA 95131-1721 Tel. 408.453.7300 Fax. 408.437.9526

A Member of The IT Group

June 6, 2001 Project 821803 (330-006.2Q)

JUN 1 1 2001

Mr. Manry 17371 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results

First Quarter 2001 17371 Via Magdalena San Lorenzo, California

Dear Mr. Manry:

This letter presents sampling results of the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT) would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT attempted to collect samples on March 8, 2001 but was unable to sample because the well pump was non-operational. Historical groundwater analytical data for your well are presented in Table 1.

Please call me at (408) 453-7300 or Mr. Amir Gholami of the Alameda County Health Care Services Agency at (510) 567-6700 if you have any questions regarding the contents of this letter.

Sincerely,

IT Corporation

Shaw Garakani

Project Engineer

Attachment: Ta

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

cc: Mr. Paul Supple, ARCO Products Company, PO Box 6549 Moraga, CA 94570

Mr. Amir Gholami, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Floor 2, Alameda, CA 94502-6577

Table 1

Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

		TPPH as			Ethyl-		
Weil	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MIBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
		-		<u> </u>			
17371 VM	03/13/96 e	NS	NS	NS	NS	NS	NA
Ì	05/27/96 e	NS	NS	NS	NS	NS	NA
ļ	08/29/96 e	NS	NS	NS	NS	NS	NA
İ	11/26/96 e	NS	NS	NS	NS	NS	NS
	03/31/97 e	NS	NS	NS	NS	NS	NS
Ī	06/25/97 e	NS	NS	NS	NS	NS	NS
	09/09/97 e	NS	NS	NS	NS	NS	NS
	11/24/97 e	NS	NS	NS	NS	NS	NS
	03/19/98 e	NS	NS	NS	NS	NS	NS
	06/03/98 e	NS	NS	NS	NS	NS	NS
	09/21/98 e	NS	NS	NS	NS	NS	NS
	12/14/98 e	NS	NS	NS	NS	NS	NS
	03/15/99 e	NS	NS	NS	NS	NS	NS
	06/14/99 e	NS	NS	NS	NS	NS	NS
	09/15/99 e	NS	NS	NS	NS	NS	NS
	12/08/99 f	NS	NS	NS	NS	NS	NS
	03/15/00 f	NS	NS	NS	NS	NS	NS
	06/13/00 f	NS	NS	NS	NS	NS	NS
	09/19/00 f	NS	NS	NS	NS	NS	NS
	12/14/00 f	NS	NS	NS	NS	NS	NS
	03/08/01 f	NS	NS	NS .	NS	NS	NS
TPPH	= Total purgeable						
MtBE	= Methyl tert bu		gasoline addi	itiv e			
bbp	= Parts per billi						
<	= Less than lab	oratory detec	ction limit st	ated to the r	ight		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measured	1					
H	= Hacienda						
VM	= Via Magdalena						
VE	≃ Via Encinas						
*	= MtBE data may	y be anamolo	us; unable to	confirm with	EPA Method	8260	
**	= Concentration	data are susp	ect due to ina	adequate pur	ging. Well res	ampled on	
	on August 18,	1997 for confi	rmation purpo	oses.			
a.	Owner not avail-	able to appro	ove sampling	access; we	I not sample	d.	
b.	Well resampled	to confirm d	lata of March	14, 1996.	-		
c.	MtBE result con	firmed by El	PA Method 8	260.			
d.	Pumping equip				ell not samp	led.	
e.	Access denied b	y owner; we	ll not sample	ed	·		
f.	Pump on well d						
g.	Well blocked an	d pump non	operational;	well cannot	be resample	ed.	
	Note: Homeowi						



1921 Ringwood Avenue San Jose, CA 95131-1721 Tel. 408.453.7300 Fax. 408.437.9526

A Member of The IT Group

June 6, 2001 Project 821803 (330-006.2Q)

JUN 1 1 2001

Mr. and Mrs. Roberts 675 Hacienda Avenue San Lorenzo, California 94580

Re: Groundwater Analytical Results

First Quarter 2001 675 Hacienda Avenue San Lorenzo, California

Dear Mr. and Mrs. Roberts:

This letter presents sampling results of the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT) would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT attempted to collect samples on March 8, 2001 but was unable to sample because the well pump was non-operational. Historical groundwater analytical data for your well are presented in Table 1.

Please call me at (408) 453-7300 or Mr. Amir Gholami of the Alameda County Health Care Services Agency at (510) 567-6700 if you have any questions regarding the contents of this letter.

Sincerely,

IT Corporation

Shaw Garakani Project Engineer

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

Mr. Paul Supple, ARCO Products Company, PO Box 6549 Moraga, CA 94570
 Mr. Amir Gholami, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Floor 2, Alameda, CA 94502-6577
 Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612

Table 1

Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, MtBE, and Dissolved Oxygen)

675 Hacienda San Lorenzo, California

f	 -	TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
-	- Carripiot	(ppc)	(ррв)	(ppo)	(БЬВ)	(рро)	(рро)
675 H	03/13/96 a	NS	NS	NS	NS	NS	NA
1	05/27/96 a	NS	NS	NS	NS	NS	NA
Ì	08/29/96 d	NS	NS	NS	NS	NS	NA
ļ	11/26/96	NS	NS	NS	NS	NS	NS
ì	03/31/97	NS	NS	NS	NS	NS	NS
	06/25/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	09/09/97 f	NS	NS	NS	NS	NS	NS
	11/24/97 f	NS	NS	NS	NS	NS	NS
	03/19/98 f	NS	NS	NS	NS	NS	NS
İ	06/03/98 f	NS	NS	พร	NS	NS	NS
	09/21/98 a,f	NS	NS	NS	NS	NS	NS
]	12/14/98 f	NS	NS	NS	NS	NS	NS
İ	03/15/99 f	NS	NS	NS	NS	NS	NS
ļ	06/14/99 f	NS	NS	NS	NS	NS	NS
	09/15/99 f	NS	NS	NS	NS	NS	NS
	12/08/99 f	NS	NS	NS	NS	NS	NS
	03/15/00 f	NS	NS	NS	NS	N\$	NS
	06/13/00 f	NS	NS	NS	NS	NS	NS
]	09/19/00 f	NS	NS	NS	NS	NS	NS .
i	12/14/00 f	NS	NS	NS	NS	NS	NS
	03/08/01 f	NS	NS	NS	NS	NS	NS
TPPH	= Total purgeable	•					
MtBE	= Methyl tert-but	yl ether, a ga	isoline additi	ive			
ppb	= Parts per billio	n					·
<	= Less than labor	ratory detect	ion limit stat	ed to the rig	ght		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measured						
Н	= Hacienda						
VM	= Via Magdalena						
VE	= Via Encinas						
 *	= MtBE data may	be anamolous	s; unable to c	onfirm with E	PA Method 8:	260	
**	= Concentration d	ata are suspe	ct due to inad	lequate purgi	ng. Well resa	mpled on	
ł	on August 18, 1	997 for confir	nation purpos	ses.			
a.	Owner not availa	ble to approv	e sampling	access; well	not sampled	l.	
Ь.	Well resampled t						
C.	MtBE result conf						
d.	Pumping equipm				II not sample	ed.	
e.	Access denied by						
f.	Pump on well do		,				
g.	Well blocked and		perational: v	vell cannot t	oe resampled	d.	
	Note: Homeown		•				



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A Member of The IT Group

June 6, 2001 Project 821803 (330-006.2Q)

Mrs. Albright 634 Hacienda Avenue San Lorenzo, California 94580

JUN 1 1 2001

Re: Groundwater Analytical Results

First Quarter 2001 634 Hacienda Avenue San Lorenzo, California

Dear Mrs. Albright:

On behalf of ARCO Products Company, IT Corporation (IT) attempted to perform groundwater sampling of the irrigation water-supply well located at the property referenced above on March 8, 2001. The purpose of the sampling was to test for gasoline in the irrigation well water. Since permission was not granted to sample the well, no groundwater sample was collected this quarter. A table summarizing attempted sampling dates and the results are presented in Table 1.

Please call me at (408) 453-7300 or Mr. Amir Gholami of the Alameda County Health Care Services Agency at (510) 567-6700 if you have any questions regarding the contents of this letter.

Sincerely,

IT Corporation

Shaw Garakani Project Engineer March 6, 2001 Page 2

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

cc: Mr. Paul Supple, ARCO Products Company, PO Box 6549 Moraga, CA 94570

Mr. Amir Gholami, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Floor 2, Alameda, CA 94502-6577

Table 1

Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

634 Hacienda San Lorenzo, California

		TPPH as			Ethyl-		
Weil	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
					,	** * * * * * * * * * * * * * * * * * * *	· · · · · · · · · · · · · · · · · · ·
634 H	03/13/96 a	NS	NS	NS	NS	NS	NA
	05/27/96 a	NS	NS	NS	NS	NS	NA
1	08/29/96 a	NS	NS	NS	NS	NS	NA .
	11/26/96	NS	NS	NS	NS	NS	NS
	03/31/97	NS	NS	NS	NS	NS	NS
	06/25/97 a	NS	NS	NS	NS	NS	NS
	09/09/97 g	NS	NS	NS	NS	NS	NS
	11/24/97 g	NS	NS	NS	NS	NS	NS
	03/19/98 e	NS	NS	NS	NS	NS	NS
	06/03/98 e	NS	NS	NS	NS	NS	NS .
Ī	09/21/98 e	NS	NS	NS	NS	NS	NS
	12/14/98 e	NS	NS	NS	NS	NS	NS
	03/15/99 e	NS	NS	NS	NS	NS	NS
	06/14/99 e	NS	NS	NS	NS	NS	NS
	09/15/99 e	NS	NS	NS	NS	NS	NS
	12/08/99 e	NS	NS	NS	NS	NS	NS
	03/15/00 e	NS	NS	NS	NS	NS	NS
	06/13/00 e	NS	NS	NS	NS	NS	NS
	09/19/00 e	NS	NS	NS	NS	NS	NS
	12/14/00 e	NS	NS	NS	NS	NS	NS
	03/08/01 e	NS	NS	NS	NS	NS	NS
TPPH	= Total purgeable	•	•				
MtBE	= Methyl tert⋅bເ		gasoline add	itive			=
ppb	= Parts per bilti	on					
<	= Less than lab	oratory dete	ction limit st	ated to the r	right		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measured	t					
Н	= Hacienda						
VM	= Via Magdalena	Ì					
VE	+ Via Encinas						
*	= MtBE data ma	y be anamolo	us; unable to	confirm with	EPA Method	8260	
**	= Concentration	data are susp	ect due to ina	adequate pur	ging. Well res	ampled on	
1	on August 18,	1997 for conf	irmation purp	oses.			
a.	Owner not avail	able to appr	ove sampling	g access; we	il not sample	ed.	
b.	Well resampled				•		
C.	MtBE result cor						
d.	Pumping equip	ment obstru	cting sampli	ng access; w	ell not samp	oled.	
e.	Access denied I				'		
f.	Pump on well d						
g.	Well blocked an	id pump non	-operational	; well cannot	be resample	ed.	
L	Note: Homeow		•				



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June 6, 2001 Project 821803 (330-006.2Q)

Ms. Marjorie Luehrs 17348 Via Encinas San Lorenzo, California 94580

JUN 1 1 2001

Re: Groundwater Analytical Results

First Quarter 2001 17348 Via Encinas

San Lorenzo, California

Dear Ms. Luehrs:

This letter presents sampling results of the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT) would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT attempted to perform groundwater sampling to test for gasoline in water from your well on March 8, 2001 but was unable to do so because the well pump was not operational. A table summarizing attempted sampling dates and the results are presented in Table 1.

Please call me at (408) 453-7300 or Mr. Amir Gholami of the Alameda County Health Care Services Agency at (510) 567-6700 if you have any questions regarding the contents of this letter.

Sincerely,

IT Corporation

Shaw Garakani

Project Engineer

Table 1

Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

17348 Via Encinas San Lorenzo, California

	TPPH as Ethyl-						
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MIBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
17348 VE	03/13/96	<50	-0.F0	-0.50		A	
17340 VE	05/27/96		<0.50	<0.50	<0.50	<0.50	NA
		**************		Well Dry		***************************************	
	08/29/96			Well Dry	****************	*******	
	11/26/96			····Well Dry			
	03/31/97	*************	•••••••••	····Well Dry		******	
	06/25/97						
	09/09/97 g	NS	NS	NS	NS	NS	NS
	11/24/97 g	NS	NS	NS	NS	NS	NS
	03/19/98 a	NS	NS	NS	NS	NS	NS
	06/03/98 a	NS	NS	NS	NS	NS	NS
	09/21/98 a	NS	NS	NS	NS	NS	NS
	12/14/98 a	NS	NS	NS	NS	NS	NS
	03/15/99 a	NS	NS	NS	NS	NS	NS
	06/14/99 f	NS	NS	NS	NS	NS	NS
	09/15/99 f	NS	NS	NS	NS	NS	NS
	12/08/99 f	NS	NS	NS	NS	NS	NS
	03/15/00 a	NS	NS	NS	NS	NS	NS
	06/13/00 f	NS	NS	NS	NS	NS	NS
	09/19/00 f	NS	NS	NS	NS	NS	NS
	12/14/00 f	NS	NS	NS	NS	NS	NS
TOOL	03/08/01 f	NS	NS	NS	NS	NS	NS
TPPH	= Total purgeabl						
MtBE	= Methyl tert-b		gasoline add	itive			
ppb	= Parts per bill						
<	= Less than lab	oratory dete	ction limit st	ated to the	right		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measure	d					
H .48.4	= Hacienda						
VM 	= Via Magdalena	9					
√E	= Via Encinas						
•	= MtBE data ma	y be anamolo	us; unable to	confirm with	EPA Method	8260	
i s	= Concentration	data are susp	ect due to ina	adequate pur	ging. Well res	ampled on	
	on August 18,	1997 for confi	rmation purpo	oses.		•	
3 .	Owner not avail				II not sample	ed	
э.	Well resampled	to confirm d	ata of March	14. 1996			
3 .	MtBE result cor	nfirmed by El	PA Method 8	260.			
d .	Pumping equip	ment obstruc	ting sampling	JE SCCESS, M	ell not samn	led	
∍.	Access denied I	ov owner: we	il not sample	.g 400003, W	on not sump		
•	Pump on well d			~-			
ζ.	Well blocked an			well cannot	he resample	ad he	
-	Note: Homeow	ners are conf	acted one	aak nriar ta	eampling of	ont	



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June 6, 2001 Project 821803 (330-006.2Q)

Mrs. Ruth W. Toles 17203 Via Magdalena San Lorenzo, California 94580 JUN 1 1 2001

Re: Groundwater Analytical Results

First Quarter 2001 17203 Via Magdalena San Lorenzo, California

Dear Mrs. Toles:

This letter presents sampling results for the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT) would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT attempted to perform groundwater sampling to test for gasoline in water from your well on March 8, 2001 but was unable to collect samples because the well pump was not operational. Historical groundwater analytical data for your well are presented in Table 1.

Please call me at (408) 453-7300 or Mr. Amir Gholami of the Alameda County Health Care Services Agency at (510) 567-6700 if you have any questions regarding the contents of this letter.

Sincerely,

IT Corporation

Shaw Garakani Project Engineer Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

cc: Mr. Paul Supple, ARCO Products Company, PO Box 6549 Moraga, CA 94570

Mr. Amir Gholami, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Floor 2, Alameda, CA 94502-6577

Table 1

Domestic Irrigation Wells Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline, BTEX Compounds, and MtBE)

1 ,		TPPH as			Ethyl-						
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE				
Address	Sampled Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)				
17202 1/8	4 0045				94	()	(bbp)				
17203 VM		<50	<0.50	<0.50	< 0.50	<0.50	NA				
	05/27/96	<50	<0.50	<0.50	< 0.50	<0.50	NA				
ŀ	08/29/96	<50	<0.50	<0.50	< 0.50	<0.50	NA				
l.	11/26/96	<50	<0.50	<0.50	< 0.50	<0.50	<2.5				
1	03/31/97 f	NS	NS	NS	NS	NS	NS				
	06/25/97	<50	<0.50	<0.50	< 0.50	< 0.50	<2.5				
1	09/09/97 f	NS	NS	NS	NS	NS	NS				
	11/24/97 f	NS	NS	NS	NS	NS	NS				
j	03/19/98										
	06/03/98 f	NS	NS	NS	NS	NS	NS				
i	09/21/98 f	NS	NS	NS	NS	NS	NS				
i	12/14/98 f	NS	NS	NS	NS	NS	NS				
ľ	03/15/99 f	NS	NS	NS	NS	NS	NS				
	06/14/99 f	NS	NS	NS	NS	NS	NS				
	09/15/99 f	NS	NS	NS	NS	NS	NS				
	12/08/99 f	NS	NS	NS	NS	NS	NS				
	03/15/00 f	NS	NS	NS	NS	NS	NS				
	06/13/00 f	NS	NS	NS	NS	NS	NS				
	09/19/00 f	NS	NS	NS	NS	NS	NS I				
	12/14/00 f	NS	NS	NS	NS	NS	NS				
TPPH	03/08/01 f	NS	NS	NS	NS	NS	NS I				
MtBE	= Total purgeable	petroleum hy	drocarbons								
· · ·	= Methyl tert-bu	tyl ether, a ga	asoline addit	ive			į				
ppb <	= Parts per billio	on					Ì				
NA .	= Less than labo	ratory detect	ion limit sta	ted to the rig	ght		l				
NS	= Not analyzed				_		I				
NM	= Not sampled						i				
H	= Not measured						i				
·M	= Hacienda										
√E	= Via Magdalena										
· .	= Via Encinas	_									
H•	= MtBE data may	be anamolous	; unable to co	onfirm with E	PA Method 82	260					
	- concentration d	ata are suspe	ct due to inad	equate puroi:	ng. Well resai	mpled on					
	August 10, 1997	ior contilmati	on purposes.								
ì. >.	Owner not available	ble to approv	e sampling a	access; well.	not sampled	_					
- •	men resampled f	o contirm dat	a of March	14 1996	•		j				
••	MtBE result confi	irmed by EPA	Method 826	50							
1,	Pumping equipm	ent obstructi	ng sampling	access: wel	l not sample	d.	ŀ				
•	nccess defiled by	' owner; weil i	not sampled				j				
	Pump on well do	es not work.					ĺ				
[.	Well blocked and	pump non-or	perational; w	ell cannot b	e resampled		l				
	Note: Homeowne	ers are contac	ted one wee	k prior to sa	mpling even	t.	ļ				



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A Member of The IT Group

June 6, 2001 Project 821803 (330-006.2Q)

Mr. Terry Johansen 17302 Via Magdalena San Lorenzo, California 94580

JUN 1 1 2001

Re: Groundwater Analytical Results

First Quarter 2001 17302 Via Magdalena San Lorenzo, California

Dear Mr. Johansen:

This letter presents sampling results of the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT) would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT attempted to collect samples on March 8, 2001 but was unable to do so because the well pump has been non-operational since June 1997. Historical groundwater analytical data for your well are presented in Table 1.

Please call me at (408) 453-7300 or Mr. Amir Gholami of the Alameda County Health Care Services Agency at (510) 567-6700 if you have any questions regarding the contents of this letter.

Sincerely,

IT Corporation

Shaw Garakani

Project Engineer

March 6, 2001 Page 2

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

cc: Mr. Paul Supple, ARCO Products Company, PO Box 6549 Moraga, CA 94570

Mr. Amir Gholami, Alameda County Health Care Services Agency, 1131 Harbor Bay Parkway, Floor 2, Alameda, CA 94502-6577

Table I

Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

		7001					
Well	Date	TPPH as			Ethyl-		
Address		Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
7.001030	S Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
17302 VI	M 03/15/96	~£0					(FF-)
	05/27/96	<50 <50	<0.50	<0.50	<0.50	<0.50	NA
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA
	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/31/97	<50 <50	<0.50	<0.50	<0.50	< 0.50	<2.5
	09/09/97 f	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	11/24/97 f	NS	NS	NS	NS	NS	NS
	03/19/98 f	NS NS	NS	NS	NS	NS	NS
	06/03/98 f	NS	NS	NS	NS	NS	NS
	09/21/98 f	_	NS	NS	NS	NS	NS
	12/14/98 f 03/15/99 f	NS NS	NS	NS	NS	NS	NS
		NS NS	NS	NS	NS	NS	NS
	06/14/99 f		NS	NS	NS	NS	NS
	09/15/99 f	NS NS	NS	NS	NS	NS	NS
	12/08/99 f	NS	NS	NS	NS	NS	NS
	12/08/99 f	NS NS	NS	NS	NS	NS	NS
	03/15/00 f	NS NS	NS	NS	NS	NS	NS
	06/13/00 f	NS	NS	NS	NS	NS	NS
	09/19/00 f		NS	NS	NS	NS	NS
	12/14/00 f	NS NS	NS	NS	NS	NS	NS
	03/08/01 f	NS NS	NS	NS	NS	NS	NS I
PPH	= Total purgeable	140	NS	NS	NS	NS	NS 1
ItBE	= Methyl tert-buty	d other	rocarpons		_		
рb	= Parts per billion	rietier, a gas	soline additiv	∕e			
	= Less than labor	ı atonı dotooti	(!:				
A	= Less than labor = Not analyzed	atory detection	on limit state	ed to the rigi	ht		
S	= Not sampled						ŀ
M	= Not measured						
	= Hacienda						İ
M	= Via Magdalena						1
	= Via Encinas						
							ŀ
	= MtBE data may b	e anamolous;	unable to cor	nfirm with EP	A Method 820	30	
	SOURCEMBRION DS	ia are suspect	due to inade	quate nurgina	g. Well resam	pled on	-
			adon burnase	Q		•	
	Owner not available Well resampled to	le to approve	sampling ac	cess; well n	ot sampled.		ŀ
	resumpied (O	communicate	i Oi March 17	1 1006			-
	wito⊏ result confir	med by EPA I	Method 826i	ስ			
	rumping equipme	nt obstructin	g sampling :	access; well	not sampled		
	The same of the sa	miner. Well III	ot sampled	•		•	
1	rump on well does	not work					İ
٧.	Well blocked and p	oump non-ope	erational; we	II cannot be	resampled		
	Note: Homeowner	s are contact	ed one week	Drior to san	nnling event		. [