

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

A Member of The IT Group

October 23, 2000 Project 809628 (330-006.2Q)

Mr. and Mrs. Roy Dahmann 633 Hacienda Avenue San Lorenzo, California 94580

Re: Groundwater Analytical Results Second Quarter 2000

> 633 <u>Ha</u>cienda Avenue San Lorenzo, California

Dear Mr. and Mrs. Dahmann:

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 performed groundwater sampling to test for the presence of gasoline in water from your well. Groundwater samples were collected on June 13, 2000 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). Laboratory analysis of the groundwater samples collected during the June 2000 sampling event detected TPPH-g at a concentration of 240 parts per billion (ppb), benzene at 5.03 ppb, and MtBE at 10.5 ppb. Groundwater analytical data for your well are presented in Table 1.

Please call me at (408) 441-7500 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. Michael Whelan, ARCO Products Company, 704 228th Avenue NE, #482, Redmond, WA 98053

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)

633 Hacienda San Lorenzo, California

		TPPH as			Ethyl-			
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE	
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	
Addiess	Gumpicu	(1440)	(РРО)	(PPD)	(PP~)	(PP-)	<u> </u>	
633 H	03/14/96	480	10	11	1.8	140	NA	
	05/13/96 b	<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	
1	11/26/96	<50	<0.50	< 0.50	< 0.50	< 0.50	3.70	
	12/30/96		-		_		4.9	C
	03/31/97	NS	NS	NS	NS	NS	NS	
Ì	06/25/97 a	NS	NS	NS	NS	NS	NS	
•	09/10/97	<50	<0.50	< 0.50	< 0.50	0.66	<2.5	
:	11/24/97	110	2.0	2.1	1.0	4.2	<2.5	¢
	03/19/98	150	1.8	0.62	<0.50	28	77	
	03/19/98	_	_	_			<2.0	С
	06/03/98	480	6.2	4.3	2.9	120	28	
	09/21/98	<50	<0.50	<0.50	<0.50	0.66	<2.5	
	12/14/98	<50	<0.50	<0.50	<0.50	2.21	11.7	
	03/15/99	<50	0.513	<0.50	<0.50	0.542	31	
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	7.93	
	09/15/99	<50	<0.50	<0.50	<0.50	<0.50	5.65	ļ
	12/08/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	i
	03/15/00	<50	< 0.50	<0.50	<0.50	<0.50	17.5	- 1
	06/13/00	240	5.03	1.01	2.39	63.8	10.5	
TPPH	= Total purgeal	ole petroleui	m hydrocarb	ons				ļ
MtBE	= Methyl tert-bu	ıtyl ether, a	gasoline ad	ditive				- 1
ppb	= Parts per billi	on						
<	= Less than lab	oratory dete	ection limit s	tated to the	right			l
NA	= Not analyzed							ı
NS	= Not sampled							ŀ
NM	= Not measure	d						
Н	= Hacienda							
VM	= Via Magdaler	na						
VE	= Via Encinas							
*	= MtBE data m							
**	= Concentration	n data are si	uspect due i	to inadequa	ite purging. \	Well resamp	led on	
	on August 18	, 1997 for o	onfirmation	purposes.				
a.	Owner not avai	labled to ap	prove samp	ling access	; well not sa	mpled.		
b.	Well resampled					•		
C.	MtBE result con							
d.	Pumping equip	-			well not sar	npled.		
e.	Access denied			•		-		
f.	Pump on well d	•		•				
g.	Well blocked at			al; well cann	not be resam	ipled.		
3 -	Note: Homeow							



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

A Member of The IT Group

October 23, 2000 Project 809628 (330-006.2Q)

Mr. and Mrs. Charles Newsom 590 Hacienda Avenue San Lorenzo, California 94580 179

Re: Groundwater Analytical Results Second Quarter 2000 590 Hacienda Avenue San Lorenzo, California

Dear Mr. and Mrs. Newsom:

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 of the irrigation water-supply well June 13, 2000 located at the property referenced above. 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 during these quarters. 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

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Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company, 704 228th Avenue NE, #482, Redmond, WA 98053

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)

590 Hacienda San Lorenzo, California

		TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
590 H	03/14/96	<50	<0.50	<0.50	<0.50	<0.50	NA
	05/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA
	08/29/96 a	NS	NS	NS	NS	NS	NA
	11/26/96	NS	NS	NS	NS	NS	NS
	03/31/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5
ļ	06/25/97 a	NS	NS	NS	NS	NS	NS
	09/09/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5
İ	11/24/97 a	NS	NS	NS	NS	NS	NS
ŀ	03/19/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5
į	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 a	NS	NS	NS	NS	NS	NS
	06/14/99	<50	< 0.50	< 0.50	<0.50	< 0.50	<2.5
	09/15/99 a	NS	NS	NS	NS	NS	NS
ŀ	12/08/99 a	NS	NŞ	NS	NS	NS	NS
ŀ	03/15/00 a	NS	NS	NS	NS	NS	NS
	06/13/00 a	NS	NS	NS	NS	NS	NS
TPPH	= Total purgea						
MtBE	= Methyl tert-b	utyl ether, a	gasoline ad	ditive			
ppb	= Parts per bill						
<	= Less than lat		ection limit s	stated to the	right		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measure	ed De					
H	= Hacienda						
VM	= Via Magdale	IId					
VE ⋆	= Via Encinas = MtBE data m	ov bo ande	odoue: unah	la to confir	n with FPA	Method 826	0
**	= MIBE data ii	nay De ariali na data ara s	norous, unac	to inadeque	te oumina	Well resame	oled on
	on August 18				re haiduid.	on rooding	J. 24 VII
	Owner not ava				: well not sa	moled	
a. b.	Well resample					a aprovi	
c.	MtBE result co	nfirmed by	FPA Method	1 8260.			
d.	Pumping equip	ment obstr	ucting samo	ling access	; well not sa	mpled.	
e.	Access denied					•	
f.	Pump on well			•			
g.	Well blocked a	and pump no	on-operation	al; well can	not be resar	mpled.	
آ	Note: Homeo	wners are co	ontacted one	e week prior	r to sampling	g event.	



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A Member of The IT Group

October 23, 2000 Project 809628 (330-006.2Q)

Mrs. Albright 634 Hacienda Avenue San Lorenzo, California 94580

Re: Groundwater Analytical Results Second Quarter 2000

> 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 June 13, 2000. 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 these quarters. 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

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company, 704 228th Avenue NE, #482, Redmond, WA 98053

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

Γ	· · · · · · · · · · · · · · · · · · ·	TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address		(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
Address	Sampled	(ppb)	(ppo)	(ppo)	(ppo)	(рро)	(660)
634 H	03/13/96 a	NS	NS	NS	NS	NS	NA
]	05/27/96 a	NS	NS	NS	NS	NS	NA
	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
ŀ	06/03/98 e	NS	NS	NS	NS	NS	NS
	09/21/98 e	NS	NS	NS	NS	NS	NS
i	12/14/98 e	NS	NS	NS	NŞ	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
ľ	03/15/00 e	NS	NS	NS	NS	NS	NS
	06/13/00 e	NS	NS	NS	NS	NS	NS
TPPH	= Total purgeal	•	-				
MtBE	= Methyl tert-bi	utyl ether, a	gasoline adı	ditive			
ppb	= Parts per billi						
<	= Less than lab	•	ection limit s	tated to the	right		
NA	Not analyzed						
NS	= Not sampled						
NM	= Not measure	d					
H	= Hacienda						
VM	= Via Magdaler	18					
VE	= Via Encinas						
*	= MtBE data m						
**	= Concentration on August 18				te purging. V	Well resamp	led on
a.	Owner not avail	labled to app	orove sampl	ing access;	well not sar	npled.	
b.	Well resampled						ļ
C.	MtBE result cor						j
d.	Pumping equip				well not san	npled.	
e.	Access denied						ļ
f.	Pump on well d	•	· ·				
 g.	Well blocked ar			l; well cann	ot be resam	pled.	ŀ
٥-	Note: Homeow						



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A Member of The IT Group

October 23, 2000 Project 809628 (330-006.2Q)

Mr. Armando Corregedor 642 Hacienda Avenue San Lorenzo, California 94580

Re: Groundwater Analytical Results Second Quarter 2000

> 642 Hacienda Avenue San Lorenzo, California

Dear Mr. Corregedor:

This letter presents sampling results 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 performed groundwater sampling to test for the presence of gasoline in water from your well. Groundwater samples were collected on June 13, 2000 and were 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) 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. Michael Whelan, ARCO Products Company, 704 228th Avenue NE, #482, Redmond, WA 98053

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

Table 1

Groundwater Analytical Data
Domestic Irrigation Wells
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline, BTEX Compounds, and MtBE)

642 Hacienda San Lorenzo, California

	· .		<u>-</u>		TAL . I		
-		TPPH as	_		Ethyl-		MADE
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
					-0.50	40.50	A I A
642 H	03/15/96	<50	<0.50	<0.50	<0.50	<0.50	NA
1	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA
1	08/29/96	<50	< 0.50	<0.50	<0.50	<0.50	NA =0.5
	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	03/31/97	NS	NS	NS	NS	NS	NS
	06/25/97	NS	NŞ	NS	NS	NS	NS
ř	09/09/97 a	NS	NS	NS	NS	NS	NS
	11/24/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	03/19/98 a	NS	NS	NS	NS	NS	NS
	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	09/21/98 a	NS	NS	NS	NS	NS	NS
1	12/14/98 a	NS	NS	NS	NS	NS	NS
Ī	03/15/99 a	NS	NS	NS	NS	NS	NS
1	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5
1	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
ŀ	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
TPPH	= Total purgea	•					
MtBE	= Methyl tert-bi		gasoline add	ditive			
ppb	= Parts per billi						
<	= Less than lab	oratory dete	ction limit si	tated to the	right		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measure	d					
н	= Hacienda						
VM	= Via Magdaler	na					
VE	= Via Encinas						
 *	= MtBE data m	ay be anamo	olous; unabl	e to confirm	with EPA N	Method 8260)
**	= Concentration	n data are su	ispect due t	o inadequat	te purging. V	Vell resamp	led on
	on August 18						
a.	Owner not avai				well not sar	noled.	
b.	Well resampled						
C.	MtBE result co						
d.	Pumping equip				well not san	npled.	
e.	Access denied				.,		
f.	Pump on well d	•		,,,,,,			
1	Well blocked a			l: wall cann	ot he resam	nled	
g.							
	Note: Homeow	mers are cor	nacied one	week prior	o samping	CACILL'	



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

A Member of The IT Group

October 23, 2000 Project 809628 (330-006.2Q)

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

Re: Groundwater Analytical Results

Second Quarter 2000

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 June 13, 2000 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)

cc: Mr. Michael Whelan, ARCO Products Company, 704 228th Avenue NE, #482, Redmond, WA 98053

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, MtBE, and Dissolved Oxygen)

675 Hacienda San Lorenzo, California

					-u •		
		TPPH as	_		Ethyl-	V 1	• 440.5
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
675 H	03/13/96 a	NS	NS	NS	NS	NS	NA
0/3/1	05/27/96 a	NS	NS	NS	NS	NS	NA
	08/29/96 d	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	<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
	06/03/98 f	NS	NS	NS	NS	NS	NS
	09/21/98 a,f	NS	NS	NS	NS	NS	NS
	12/14/98 f	NS	NS	NS	NS	NS	NS
	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
TPPH	= Total purgeable	•	-				
MtBE	= Methyl tert-but	, ,	asoline addi	tive			
ppb	= Parts per billion						
<	= Less than labo	ratory detec	tion limit sta	ited to the r	ight		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measured						
H	= Hacienda						
VM	= Via Magdalena						
VE *	= Via Encinas				W. EDA 14	-4 0000	
	= MtBE data may						
**	= Concentration on August 18,				purging. W	eli resample	a on
a.	Owner not available	bled to appr	ove samplin	g access; v	vell not sam	pled.	
).	Well resampled t	o confirm da	ata of March	14, 1996.			
C.	MtBE result confi						
d .	Pumping equipm	ent obstruct	ing sampling	g access; w	eli not samp	oled.	
₽.	Access denied by	/ owner; wel	I not sample	ed			
	Pump on well do	es not work.					
3.	Well blocked and						
	Note: Homeown	ers are cont	acted one w	eek prior to	sampling e	vent.	



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

A Member of The IT Croup

October 23, 2000 Project 809628 (330-006.2Q)

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

Re: Groundwater Analytical Results Second Quarter 2000

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 June 13, 2000 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

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company, 704 228th Avenue NE, #482, Redmond, WA 98053

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)

17302 Via Magdalena San Lorenzo, California

		TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
	·······						
17302 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
	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
	06/03/98 f	NS	NS	NS	NS	NS	NS
	09/21/98 f	NS	NS	NS	NS	NS	NS
	12/14/98 f	NS	NS	NS	NS	NS	NS
ļ	03/15/99 f	NS	NS	NS	NS	NS	NS
	06/14/99 f	NS	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
	12/08/99 f	NS	NS	NS	NS	NS	NS
	03/15/00 f	NS	NS	NS	NS NS	NS	NS NS
	06/13/00 f	NS	NS	NS	NS	NS	NO
TPPH	= Total purgeal						
MtBE	= Methyl tert-bi	-	gasoline ao	onive			
ppb	= Parts per billi		م فلممثل سمالت	tatad ta tha	richt		
<	= Less than lab		cuon innit s	tated to the	ngni		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measure = Hacienda	u					
H							
VM	= Via Magdaler	ıa					}
VE ∗	= Via Encinas	a ha aaa	olovje, veski	a ta confirm	with EDA k	Aethod 8260	, [
	= MtBE data m	ay be anam	olous; unadi	e io commi	to ourgina 1	Mail recomn	led on
**	= Concentration				te purging. Y	men resamb	ieu UII
	on August 18					nlad	
a.	Owner not avai					mpiea.	
b.	Well resampled						
c.	MtBE result cor					ممامط	
d.	Pumping equip				well not san	npiea.	
e.	Access denied			oled			
f.	Pump on well of					_1_4	
gĺ.	Well blocked a	nd pump no	n-operationa	ıl; well cann	ot be resam	piea.	ļ
	Note: Homeov	vners are co	ntacted one	week prior	to sampling	event.	



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

A Member of The IT Group

October 23, 2000 Project 809628 (330-006.2Q)

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

Re: Groundwater Analytical Results Second Quarter 2000

> 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 June 13, 2000 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

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

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

Mr. Michael Whelan, ARCO Products Company, 704 228th Avenue NE, #482, Redmond, WA cc:

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)

17348 Via Encinas San Lorenzo, California

		TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
			(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
Address	Sampled	(ppb)	(bbn)	(ppo)	(ppc)	(PPO)	(PP-7
17348 VE	03/13/96	<50	<0.50	<0.50	<0.50	<0.50	NA
'''	05/27/96			Wel	I Dry		
	08/29/96			Wel	l Dry		
	11/26/96			Wel	l Dry		
	03/31/97			Wel	I Dry		
	06/25/97			Wel	l Dry		
	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
	03/15/9 9 a	NS	NS	NS	NS	NS	NS
ĺ	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_
TPPH	= Total purgea						
MtBE	= Methyl tert-b	•	gasoline ad	lditive			
ppb	= Parts per bill						
<	= Less than la	-	ection limit	stated to the	e nght		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measure	ed					
H	= Hacienda						
VM	= Via Magdale	па					
VE	= Via Encinas				===		
*	= MtBE data m	nay be anam	iolous; unab	ile to confirm	n with EPA	Method 826	· .
**	= Concentratio on August 18				ite purging.	Well resamp	oled on
a.	Owner not ava	ilabled to ap	prove samp	ling access	; well not sa	mpled.	
b.	Well resample						
C.	MtBE result co	nfirmed by E	PA Method	8260.		•	
d.	Pumping equip	ment obstru	icting sampl	ing access;	well not sai	mpled.	
e.	Access denied						
f,	Pump on well of						
g.	Well blocked a	nd pump no	n-operation	al; well can	not be resan	npled.	
~	Note: Homeov	vners are co	ntacted one	week prior	to sampling	event.	



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IT Corporation

Tel. 408.453.7300 Fax. 408.437.9526

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October 23, 2000 Project 809628 (330-006.2Q)

Mr. Pimental 17372 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results

Second Quarter 2000 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 June 13, 2000 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

Attachment:

Table 1 - Groundwater Analytical Data – Domestic Irrigation Wells
Total Purgeable Petroleum Hydrocarbons
(TPPH as Gasoline and BTEX Compounds, and MtBE)

ce: Mr. Michael Whelan, ARCO Products Company, 704 228th Avenue NE, #482, Redmond, WA 98053

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

<u> </u>		TPPH as			Ethyl-			
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE	
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	
Address	Oampica	(pp=)	(662)	(66-7	G-F-7	V. F. 7		
17372 VM	03/14/96	<50	<0.50	< 0.50	< 0.50	< 0.50	NA	
11.012 1	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	1,200	
	03/19/98				_		1,400	С
1	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	16,000	
	07/29/98	<200	<2.0	<2.0	<2.0	<2.0	940	
	07/29/98			_			1,100	С
	09/21/98	<50	<0.50	<0.50	<0.50	<0.50	200	
	09/21/98	-				_	360	С
1	12/14/98	<50	<0.50	0.823	< 0.50	<0.50	20.1	
1	03/15/99	<50	<0.50	<0.50	<0.50	<0.50	6.66	
ļ	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	
	= Total purg		-					ı
MtBE	= Methyl tert	-	r, a gasoline	additive				
ppb	= Parts per t			** - * - 1 1 4 -	عادي دروه			
<	= Less than		detection lim	nt stated to	tne ngnt			
NA	= Not analyz							
NS	= Not sample							Ì
NM	= Not measu	ırea						
H	= Hacienda	.1						
VM	= Via Magda							1
	= Via Encina						000	
*	= MtBE data	may be an	amolous; ur	lable to con	IIIIM WITH EP	A METHOD &	0∠0U 	
**	= Concentra					g. well resa	ampiea on	
			or confirmati					1
	Owner not a					sampled.		
b.	Well resamp	led to confi	rm data of N	/larch 14, 1	996.			
	MtBE result							
d.	Pumping eq	uipment obs	structing sar	npling acce	ss; well not	sampled.		
e.	Access deni	ed by owne	r; well not s	ampled				
	Pump on we							
g.	Well blocked	and pump	non-operati	ional; well c	annot be res	sampled.		
	Note: Home	eowners are	contacted	one week pi	rior to sampl	ing event.		



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October 23, 2000 Project 809628 (330-006.2Q)

Mr. Manry 17371 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results

Second Quarter 2000 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 June 13, 2000 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)

- cc: Mr. Michael Whelan, ARCO Products Company, 704 228th Avenue NE, #482, Redmond, WA 98053
 - 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

Groundwater Analytical Data Domestic Irrigation Wells Total Purgeable Petroleum Hydrocarbons

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

17371 Via Magdalena San Lorenzo, California

		TPPH as		· ··-	Ethyl-	· · -	
Weil	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
71001000		(PP~)	\FF-1	VP.E-47	(F - 7	17.1	
17371 VM	1 03/13/96 e	NS	NS	NS	NS	NS	NA
	05/27/96 e	NS	NS	NS	NS	NS	NA
	08/29/96 e	NS	NS	NS	NS	NS	NA
	11/26/96 e	NS	NS	NS	NS	NS	NS
	03/31/97 e	NS	NS	NS	NS	NS	NS
	06/25/97 e	NS	NS	NS	NS	NS	NS
	09/09/97 e	NS	NS	NS	NS	N\$	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 NS
	06/13/00 f	NS	NS	NS	NS	NS	NS
TPPH	= Total purgeal	-	-				
MtBE	= Methyl tert-bu		gasoline add	ditive			
opb	= Parts per billi						
<	= Less than lab	_	ction limit s	tated to the	ngnt		
NA.	= Not analyzed						
VS.	= Not sampled						
MM	= Not measure	d					
1	= Hacienda						
/M	= Via Magdaler	ıa					
/E	= Via Encinas				::- FDA 1	1-11-1 0000	
•	= MtBE data m						
*	= Concentration on August 18				te purging. V	veli resampi	ea on
١.	Owner not avail	abled to app	rove sampl	ing access;	well not sar	npled.	
).	Well resampled	to confirm o	data of Marc	h 14, 1996.			
; .	MtBE result cor						i
l.	Pumping equip	ment obstruc	cting sampli	ng access;	well not san	rpled.	
).	Access denied						
	Pump on well d						
].	Well blocked ar						
	Note: Homeow						