

IT Corporation

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

A Member of The IT Croup

MAR 1 1 2002

March 4, 2002 Project 821803 (330-006.2Q)

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

Re: Groundwater Analytical Results

Fourth 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 December 29, 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) 350-5666 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

March 4, 2002 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

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
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
	<u>-</u>			.,,			.,,,,,,
17348 VE	03/13/96	<50	<0.50	<0.50	<0.50	<0.50	NA
i	05/27/96			·····Well Dry			
ŀ	08/29/96			·····Well Dry-			
	11/26/96			·····Well Dry·			
	03/31/97	•••••		·····Well Dry			
	06/25/97			·····Well 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
	03/15/99 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	พร	NS	NS
	12/14/00 f	NS	NS	NS	NS	NS	NS
	03/08/01 f	NS	NS	NS	NS	NS	NS
	06/14/01 f	NS	NS	NS	NS	NS	NS
	09/26/01 f	NS	NS	NS	NS	NS	NS
	12/29/01 f	NS	NS	NS	NS	NS	NS
TPPH	= Total purgeab	le petroleum	hydrocarbons				
MtBE	= Methyl tert-b	utyl ether, a	gasoline add	ditive			
ppb	= Parts per bill	-					
<	= Less than lab	oratory dete	ction limit st	tated to the	right		
NA	= Not analyzed				2		
NS	= Not sampled						
NM	= Not measure						
H	= Hacienda						
VM	= Via Magdalen	а					
VE	= Via Encinas						
*	= MtBE data ma	v be anamolo	ous: unable to	confirm with	EPA Method	8260	
**	= Concentration	•					
i	on August 18,				ging. Weille:	sampiou on	
a.	Owner not avai				ell not sample	ed	
b.	Well resample		, ,			 .	
C.	MtBE result co						
d.	Pumping equip				uali not came	nled	
					ven not sain)	J16(1,	
e. f.	Access denied			ea			
	Pump on well				+ h.a	ad	
g.	Well blocked a						
	Note: Homeov	vners are con	itacted one v	veek prior to	sampling ev	vent.	





A Member of The IT Group

Fax. 408.437.9526

IT Corporation
1921 Ringwood Avenue
San Jose, CA 95131-1721
Tel. 408.453.7300

March 4, 2002 Project 821803 (330-006.2Q)

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

Re: Groundwater Analytical Results

Fourth 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 December 29, 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) 350-5666 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

March 4, 2002 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			Éthyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
		U-F-7	(PF-7)	(FF-7)	(FF-7	(FF-)	(FF-7
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
	03/15/99 f	NS	NS	NS	NS	NS	NS
	06/14/99 f	NS	NS	NS	NS	NS	NS
į	09/15/99 f	NS	NS	NS	NS	NS	NS
]	12/08/99 f	NS	NS	NS	NS	NS	NS
Į	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
1	03/08/01 f	NS	NS	NS	NS	NS	NS
	06/14/01 f	NS	NS	NS	NS	NS	NS
İ	09/26/01 f	NS	NS	NS	NS	NS	NS
	12/29/01 f	NS	NS	NS	NS	NS	NS
TPPH	= Totał purgeable	a notralaum h	. cd va a a ch a ma				
MtBE			•	tation.			
	= Methyl tert-bu		gasonne add	itive			
ppb <	= Parts per billi				·: auladı		
NA	= Less than lab = Not analyzed	oratory deter	ction minit st	ateu to the r	ignt		
NS	= Not sampled						
NM	= Not measured	4					
H	= Hacienda	_					
VM							
VE	Via MagdalenaVia Encinas	•					
V ⊏ *		. h.o. om om - 1 - 1		C	EDA BALAL 4	2200	
**	= MtBE data may						
	= Concentration on August 18,	•			ging. vveit res	ampled on	
	Owner not avail				li pot sample	ud.	
a. b.	Well resampled				n nor sample	ы.	
c.	· ·						
ł .	MtBE result cor				all not some	lod	
d.	Pumping equip			-	ren not samp	n e u.	
e. •	Access denied to			eu			
f.	Pump on well d				. h.a. vac	~ A	
g.	Well blocked an						
	Note: Homeow	ners are con	tacted one w	reek prior to	sampling ev	ent.	



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

A Member of The IT Group

March 4, 2002 Project 821803 (330-006.2Q)

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

Re: Groundwater Analytical Results

Fourth 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 December 29, 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) 350-5666 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

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)

Well		TPPH as			Ethyl-		
11011	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
	· · · · · · · · · · · · · · · · · · ·	<u> </u>	,			,	N F - 2
17203 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 f	NS	NS	NS	NS	NS	NS
İ	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	•		Well Dry			
	06/03/98 f	NS	NS	NS	NS	NS	NS
į	09/21/98 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
	09/19/00 f	NS	NS	NS	NS	NS	NS
	12/14/00 f	NS	NS	NS	NS	NS	NS
l	03/08/01 f	NS	NS	NS	NS	NS	NS
•	06/14/01 f	NS	NS	NS	NS	NS	NS
	09/26/01 f	NS	NS	NS	NS	NS	NS
	12/29/01 f	NS	NS	NS	NS	NS	NS
TPPH	= Total purgeable	a netroleum t	wdrocarbone				
1	= Methyl tert bu	-	-	litivo			
1	= Parts per billi		gasonne auc	IIIIAG			
	= Less than lab		ction limit st	ated to the	riabt		
	= Not analyzed	oratory dete	CHOII MIME SI	ated to the	ugut		
	= Not analyzed = Not sampled						
NM	= Not measured	4					
	= Hacienda	4					
L .	= Via Magdalena	1					
t .	= Via Encinas						
1	= MtBE data ma	y be anamolo	us; unable to	confirm with	EPA Method	8260	
•	= Concentration August 18, 199	data are susp	pect due to in:	adequate pur			
a.	Owner not avail				ll not sample	ed.	
	Well resampled						
	MtBE result cor						
	Pumping equip	-			vell not same	iled.	
	Access denied I						
f.	Pump on well d						
1	Well blocked ar			; well cannot	t be resamol	ed.	
٦	Note: Homeow						



MAR 1 1 2002

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

A Member of The IT Group

March 4, 2002

Project 821803 (330-006.2Q)

Mrs. Albright 634 Hacienda Avenue San Lorenzo, California 94580

Re: Groundwater Analytical Results

Fourth 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 December 29, 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) 350-5666 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

March 4, 2002 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-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(bbp)	(ppb)	(ppb)
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
	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	N\$	NS	NS	NS	NS
	06/14/99 e	NS	N\$	NS	NŞ	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
	06/14/01 e	NS	NS	NS	NS	NS	NS
	09/26/01 e	NS	NS	NS	NS	NS	NS
	12/29/01 e	NS	NS	NS	NS	NS	NS

TPPH	= Total purgeable petroleum hydrocarbons	
MtBE	= Methyl tert-butyl ether, a gasoline additive	
ppb	= Parts per billion	
<	= Less than laboratory detection limit stated to the right	
NA	= Not analyzed	
NS	= Not sampled	
NM	= Not measured	
H	= Hacienda	
VM	= Via Magdalena	
VE	= Via Encinas	
*	= MtBE data may be anamolous; unable to confirm with EPA Method 8260	
**	= Concentration data are suspect due to inadequate purging. Well resampled on	
	on August 18, 1997 for confirmation purposes.	
a.	Owner not available to approve sampling access; well not sampled.	
b.	Well resampled to confirm data of March 14, 1996.	
C.	MtBE result confirmed by EPA Method 8260.	
d.	Pumping equipment obstructing sampling access; well not sampled.	
e.	Access denied by owner; well not sampled	
f.	Pump on well does not work.	
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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IT Corporation

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

A Member of The IT Group

March 4, 2002 Project 821803 (330-006.2Q)

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

Re: Groundwater Analytical Results

Fourth 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 December 29, 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) 350-5666 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
 Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 9461

Table 1

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

675 Hacienda San Lorenzo, California

		TPPH as			Ethyl-		
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
	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
	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
	06/14/01 f	NS	NS	NS	NS	NS	NS
	09/26/01 f	NS	NS	NS	NS	NS	NS
	12/29/01 f	NS	NS	NS	NS	NS	NS
TPPH	= Total purgeable	petroleum hy	drocarbons				
MtBE	= Methyl tert-bu	tyl ether, a ga	asoline addit	ive			
ppb	= Parts per billio	o n					
<	= Less than labo	ratory detect	ion limit stat	ted to the rig	ght		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measured						
Н	= Hacienda						
VM	= Via Magdalena						
VE	= Via Encinas						
*	= MtBE data may	he anamolous	s: unable to co	onfirm with F!	PA Method 82	260	
**	= Concentration d						
	on August 18, 1				ilg. Well lesa	inpied on	
a.	Owner not availa	ble to approv	e sampling	access; well	not sampled	l .	
b.	Well resampled				•		
c.	MtBE result conf						
d.	Pumping equipn	_			ll not sample	ed.	
e.	Access denied b						
f.	Pump on well do			-			
g.	Well blocked and		pperational: v	well cannot b	ne resample	1.	
Ο.	Note: Homeowr						



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

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MAR I I ZOOZ

March 4, 2002

Project 821803 (330-006.2Q)

Mr. Manry 17371 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results

Fourth 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 December 29, 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) 350-5666 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
 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 WellsTotal 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)
		(FF-)	G-F-7	VFF-2	<u> </u>	VFF-7	(FF-7)
17371 VM	03/13/96 e	NS	NS	NS	NS	NS	NA
1	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	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
1	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
1	09/15/99 e	NS	NS	NS	NS	NS	NS
	12/08/99 f	NS	NS	NS	NS	NS	NS
1	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
	06/14/01 f	NS	NS	NS	NS	NS	NS
	09/26/01 f	NS	NS	NS	NS	NS	NS
	12/29/01 f	NS	NS	NS	NS	NS	NS
TPPH	= Total purgeable	-	•				
MtBE	= Methyl tert-bu	-	gasoline add	itive			
bbp	= Parts per billi						
<	= Less than lab	oratory detec	ction limit sta	ated to the r	ight		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measured	t					
H	= Hacienda						
VM							
VE	= Via Encinas						
*	= MtBE data may	/ be anamoloi	us; unable to d	confirm with E	EPA Method 8	3260	
**	= Concentration	data are susp	ect due to ina	idequate purg	ging. Well res	ampled on	
	on August 18,	1997 for confi	rmation purpo	ses.			
a.	Owner not availa				l not sample	d.	
b.	Well resampled				1		
c.	MtBE result con			•			
d.	Pumping equip				ell not samo	led.	
e.	Access denied b				p		
f.	Pump on well d						
g.	Well blocked an			well cannot	be resample	ed.	
l -	Note: Homeow						
		0 0011	MUCCU OTIC 17	ook prior to	Juniphing CV	J111.	



IT Corporation

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

A Member of The IT Group

March 4, 2002 Project 821803 (330-006.2Q)

Mr. Pimental 17372 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results

Fourth 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 December 29, 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) 350-5666 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

March 4, 2002 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)	
	· · · · · · · · · · · · · · · · · · ·	W F - 7	N. F. T.	,	W 1 - 2		41.7	
17372 VM	03/14/96	<50	<0.50	<0.50	<0.50	<0.50	NA	
i	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
	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	¢
	09/21/98	<50	<0.50	<0.50	< 0.50	<0.50	200	
	09/21/98		***				360	С
	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	
1	06/13/00	<50	<0.50	< 0.50	< 0.50	<0.50	<2.5	
1	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	
	06/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	09/26/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	12/29/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
TPPH	= Total purge:	able petroleu	m hydrocarho	ens.				
MtBE	= Methyl teri							
ррь	= Parts per b		, a Basonino	additive				
<	= Less than		letection limi	t stated to tl	he right			
NA	= Not analyz							
NS	= Not sample							
NM	= Not measu							
H	= Hacienda							
VM	= Via Magdak	епа						
VE	= Via Encinas							
* ⁻	= MtBE data		nolous: unable	to confirm w	ith EPA Methr	od 8260		
**	= Concentrati	-						
			confirmation p		PG-3119. ****	rocampiou on		
a.	Owner not av			-	well not sam	npled.		
b.	Well resamp			-		•		
c.	MtBE result							
d.	Pumping equ		-		s: well not sa	mpled.		
e.	Access denie	•			,	1		
f.	Pump on we	-	•					
g.	Well blocked			nal; well car	not be resan	npled.		
ľ	Note: Home							
L		ui 0	ISTITUTE OF	11-00N pi 101	ournprine			



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IT Corporation

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

A Member of The IT Group

March 4, 2002 Project 821803(330-006.2Q)

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

Re: Groundwater Analytical Results

Fourth Quarter 2001 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 December 29, 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) 350-5666 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 4, 2002 Project 821803 (330-006.2Q)

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

Re: Groundwater Analytical Results

Fourth 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.

IT Corporation 1921 Ringwood Avenue San Jose, CA 95131-1721

Tel. 408.453.7300 Fax. 408.437.9526

A Member of The IT Group

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 December 29, 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 december 2001 sampling event detected MtBE at a concentration of 48.0 ppb. Groundwater analytical data for your well are presented in Table 1.

Please call me at (408) 350-5666 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

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)	
17349 VM	03/15/96	1,700	<2.0	<2.0	2.5	13	NA	
110101111	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 **		30	<5.0	<5.0	6.7	140	٠
		2,100			<0.5	<0.5	34	
	08/18/97	320	2.0	<0.5			31	
	08/18/97	200	-					(
	09/09/97	380	6.0	1.4	0.98	<0.50	38	
	09/09/97		-				34	(
	11/24/97	240	<1.0	1.1	<1.0	1.4	53	
	11/24/97						33	
	03/19/98	1,300	14	<0.50	<0.50	1.2	250	
	03/19/98						27	(
	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	
	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	
	03/15/99	172	1.35	<0.50	<0.50	<0.50	24.2	
	06/14/99	91	<0.50	3.53	<0.50	<0.50	88.3	
	09/15/99 a	133	<0.50	<0.50	<0.50	<0.50	184	
	12/08/99	136	0.681	<0.50	<0.50	<0.50	267	C
	03/15/00	<50	<0.50	<0.50	<0.50	<0.50	82.1	(
	06/13/00	319	5.28	<0.5	<0.50	<0.50	97.1	
	06/13/00					-	85	Ç
	09/19/00	106	<0.50	2.0	<0.50	<0.50	204.0	
	09/19/00	n=					84.0	Ç
	12/14/00	66	1.0	<0.50	<0.50	<0.50	188.0	
	12/14/00						197.0	(
	03/08/01	<50.0	< 0.50	< 0.50	< 0.50	< 0.50	91.8	
	03/08/01						98.3	(
	06/14/01	<50.0	< 0.50	<0.50	< 0.50	< 0.50	68.0	
	06/14/01	_	_				99.0	(
	09/26/01	52	0.5	<0.50	<0.50	<0.50	49.0	
	09/26/01	_			_	· 	54.0	(
	12/29/01	<50.0	<0.50	0.78	<0.50	<0.50	58.0	
	12/29/01	-	-				48.0	C
PH .	m Total monas - L	la naturile : :						
rrn ItBE	Total purgeabMethyl tert b	•	•	ditive				
	= Parts per bill	-	Gasonine au	aici#G				
pb	= Less than lat		action limit s	tated to the	riaht.			
IA.	= Not analyzed		section minit s	tated to tile	- igne			
IS	-							
	= Not sampled							
M	= Not measure	u						
4.1	= Hacienda	_						
M	= Via Magdalena	a						
Έ	= Via Encinas							
	= MtBE data ma	y be anamolo	ous; unable to	confirm with	EPA Method	8260		
	= Concentration	data are sus	pect due to in	adequate pur	ging. Well res	ampled on		
	on August 18	1997 for con	firmation purp	oses.				

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	wner not available to approve sampling access; well not sampled.									
b .	Well resample	Well resampled to confirm data of March 14, 1996.									
c.	MtBE result or	onfirmed by E	PA Method	B260.							
d.	Pumping equi	pment obstra	icting sampl	ing access; v	well not samp	pled.					
e.	Access denied	by owner; w	ell not samp	led							
f.	Pump on well	does not wor	k.								
g.	Well blocked a	Well blocked and pump non-operational; well cannot be resampled.									
	Note: Homeo	wners are co	ntacted one v	week prior to	sampling e	rent.					