

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

A Member of The IT Group

December 31, 2001 Project 821803 (330-006.2Q)

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

Re: Groundwater Analytical Results
Third 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 September 26, 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 September 2001 sampling event detected MtBE at a concentration of 54.0 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

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 (continued)

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

711.1.1		TPPH as	· · · · · · · · · · · · · · · · · · ·		Ethyi-			•				
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE					
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)					
		VI - 2	(FF-7	(FF-7	12 7 7	(1-1-7	44-7					
17349 VM	03/15/96	1,700	<2.0	<2.0	2.5	13	NA					
	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					
	08/18/97	320	2.0	<0.5	<0.5	<0.5	34					
	08/18/97	-	_	_	_	-	31	C				
	09/09/97	380	6.0	1.4	0.98	<0.50	38					
	09/09/97	-					34	C				
	11/24/97	240	<1.0	1.1	<1.0	1.4	53					
	11/24/97	_		_	_	-	33	C				
	03/19/98	1,300	14	<0.50	<0.50	1.2	250					
	03/19/98	_	_	_	_	_	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					
	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	Č				
	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	c				
	12/14/00	66	1.0	<0.50	< 0.50	<0.50	188.0	•				
	12/14/00	_		-5.00		-0.00	197.0	c				
	03/08/01	<50.0	< 0.50	<0.50	<0.50	<0.50	91.8	Ť				
	03/08/01	-	_			-	98.3	С				
	06/14/01	<50.0	<0.50	<0.50	<0.50	<0.50	68.0	•				
	06/14/01			-0.00	-0.00	-0.00	99.0	¢				
	09/26/01	52	0.5	<0.50	<0.50	<0.50	49.0	*				
	09/26/01	_	-					С				
	09/26/01	-	_		-	-	54.0	С				
	= Total purgeable	petroleum h	ydrocarbons	•								
I ITBE	= Methyl tert⋅bi	ıtyl ether, a	gasoline add	iitive								
ър	= Parts per billi	on										
	= Less than lab	oratory dete	ction limit sl	tated to the	right							
A	= Not analyzed											
S	= Not sampled											
М	= Not measured	1										
t	= Hacienda											
M	= Via Magdalena											
E	≈ Via Encinas											
	= MtBE data may	be anamolo	us: unable to	confirm with I	PA Method 8	260						
	= Concentration											
	on August 18,				1							

Table 1 (continued)

Groundwater Analytical Data

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

	TPPH as				Ethyl-				
Well Address	Date Sampled	Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	benzene (ppb)	Xylenes (ppb)	MtBE (ppb)		
а.	Owner not ava	ilable to app	rove samplir	ng access; w	ell not samp	led.			
b.	Well resample	Well resampled to confirm data of March 14, 1996.							
c.	MtBE result o	MtBE result confirmed by EPA Method 8260.							
d.	Pumping equi	pment obstr	ucting sampl	ing access; t	well not sam	pled.			
e.	Access denied	by owner; w	ell not samp	led					
f.	Pump on well	does not wo	rk.						
g.	Well blocked a	and pump no	n-operationa	i; well canno	t be resamp	led.			
_	Note: Homeo	wners are co	ntacted one	week prior to	o sampling e	vent.			



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A Member of The IT Croup

December 31, 2001 Project 821803(330-006.2Q)

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

Re: Groundwater Analytical Results
Third 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 September 26, 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

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
	12/08/99	a	NS	NS	NS	NS	NS	NS
	03/15/00	а	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
	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

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	
Н	= 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	
	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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A Member of The IT Group

December 31, 2001 Project 821803 (330-006.2Q)

Mr. Pimental 17372 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results

Third 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 September 26, 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

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)	
		WF-7	(FF-)	(FF-)	(PP-7)	(PP-)	(65-7)	
17372 VM	03/14/96	<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	
Ī	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
1	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	
ı	11/24/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
1	03/19/98	<50	<0.50	<0.50	<0.50	<0.50	1,200	
1	03/19/98	_	-	-	-	-	1,400	С
	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	16,000	ŭ
	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	ا "
	09/21/98	_	-5.00	-0.00		-0.00	360	c
1	12/14/98	<50	<0.50	0.823	<0.50	<0.50	20.1	Ĭ
ļ	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	
i	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	Į
	06/13/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
l	09/19/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	ŀ
	12/14/00	<50	<0.50	<0.50 <0.50	<0.50	<0.50	<2.5	
ĺ	03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1
	06/14/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
l	09/26/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
1	00/20/01	400	40.00	~0.50	~0.50	~0.50	72.0	ı
TPPH	= Total purge:	able petroleu	m hydrocarbo	ons				\dashv
MtBE	= Methyl tert	butyl ether,	, a gasoline a	dditive				
ppb	= Parts per b		_					
<	= Less than I	aboratory d	etection limit	stated to th	ne right			
NA	= Not analyze				Ū			
NS	= Not sample							
NM	= Not measu							
Н	= Hacienda							
VM	= Via Magdak	ena						
VE	= Via Encinas	;						
+	= MtBE data r	nay be anam	olous: unable	to confirm w	rith EPA Meth	od 8260		
**	= Concentration						n	
			onfirmation p	•	F-3.33. 1100	. Journapion o	••	
a.	Owner not av		-	-	well not sam	oled.		
b.	Well resample					pivu.		
c,	MtBE result of			•	·-			
d.	Pumping equ				well not say	moled		
e.	Access denie				i, well not 3 al	ilpieu.		
f.	Pump on wel			ihiea				
g.	Well blocked			nal- well con-	not be recom	nled		
ρ.	Note: Home							
	HOLE. HOLLIE	מאווכוס פופ (SOLITACIED ON	a week briot	ro sambling	CAGIII'		



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

A Member of The IT Group

December 31, 2001

Project 821803 (330-006.2Q)

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Mr. Manry 17371 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results Third 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 September 26, 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

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)
		VEF-7	(FF-7	(P.F7	W. F 7		
17371 VM	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	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
	06/14/01 f	NS	NS	NS	NS	NS	NS
	09/26/01 f	NS	NS	NS	NS	NS	NS
TPPH	= Total purgeable	e petroleum h	vdrocarbons				
MtBE	= Methyl tert bu	=	•	itive			
ppb	= Parts per billi		Sacounto alaia	,			
<	= Less than lab		ction limit st	ated to the	right		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measured	1					
Н	= Hacienda						
VM	= Via Magdalena						
VE	= Via Encinas						
*	= MtBE data may	, be anamolo	us: unable to	confirm with	EPA Method	8260	
**	= Concentration						
	on August 18,				gg. 110103	eprou oil	
					ll not cometa	.d	
a. b.	Owner not avail Well resampled				п пос запіріє	a.	
	MtBE result cor						
c.					all not comp	lad	
d.	Pumping equips Access denied by				en not samp	icu.	
e. f.		•	•	-u			
l .	Pump on well d			wall cannot	he resamel	ad	
g.	Well blocked an						
L	Note: Homeow	iicis alt CON	tacted one w	reek prior to	samping ev	UIIL.	



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

A Member of The IT Group

December 31, 2001 Project 821803 (330-006.2Q)

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

Re: Groundwater Analytical Results
Third 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 September 26, 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 9461

Table 1

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

675 Hacienda San Lorenzo, California

		TPPH as					
Well	Date	Gasoline	Benzene	Toluene	Ethyl- benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
			(PP-)	(hha)	(PP-)	(872)	(PP5)
675 H	03/13/96 a	NS	NS	NS	NS	NS	NA
ĺ	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
1	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
TPPH	= Total purgeable	netroleum hvr	trocarbons				
MtBE	= Methyl tert-but			ive			
ppb	= Parts per billio		isoline additi				
<	= Less than labor		ion limit stat	ed to the rig	rht		i
NA	= Not analyzed		ion mine seat	od to the he	,,,,,		
NS	= Not sampled						
NM	= Not measured						
Н	= Hacienda						
VM	= Via Magdalena						
VΕ	= Via Encinas						
•	= MtBE data may	be anamolous	: unable to ~	onfirm with Fi	PA Method 92	260	
**	= Concentration da						
	on August 18, 19				18. 1101110301	npied Oli	
a.	Owner not availal				not sampled		
b.	Well resampled t	o confirm da	ta of March	14. 1996	Jampica.	•	
C.	MtBE result confi						
d.	Pumping equipm	-			l not sample	d	
e.	Access denied by				oc sample		
f.	Pump on well do						
g.	Well blocked and		perational: w	vell cannot b	e resampled	_	
I ⁻	Note: Homeowne	ers are conta	cted one wee	ek prior to sa	ampling even	t.	
	Mote. Homeowne	ers are conta	cted one wee	ek prior to sa	impling even	ι.	



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December 31, 2001 Project 821803 (330-006.2Q)

Mrs. Albright 634 Hacienda Avenue San Lorenzo, California 94580

Re: Groundwater Analytical Results
Third 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 September 26, 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

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)	(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			
	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	NS	NS	NS	NS	NS			
1	06/14/99 e	NS	NS	NS	NS	NS	NS			
]	09/15/99 e	NS	NS	NS	NS	NS	NS			
Ì	12/08/99 e	NS	NS	NS	NS	NS	NS			
1	03/15/00 e	NS	NS	NS	NS	NS	NS			
l	06/13/00 e	NS	NS	NS	NS	NS	NS			
1	09/19/00 e	NS	NS	N\$	NS	NS	NS			
	12/14/00 e	NS	NS	NS	NS	NS	NS			
1	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			
TPPH	= Total purgeable	natroleum h	vdrocarbone							
MtBE	= Methyl tert-bu	· ·	=	itiva						
ppb	= Parts per billion	_	gasonne auu	ICIAC						
<	= Less than labor		ction limit st	ated to the I	rioht					
NA	= Not analyzed	or accord	belon mine se	acca to the i	1011					
NS	= Not sampled									
NM	= Not measured									
Н	= Hacienda									
VM	= Via Magdalena									
VE	= Via Encinas									
*	= MtBE data may	be anamolo	us: unable to	confirm with	EPA Method	8260				
**	= Concentration		· · ·							
	on August 18,				gg	-				
a.	Owner not availa				Il not sample	ed				
b.	Well resampled				not sample					
c.	MtBE result con									
d.	Pumping equipr				ell not samo	led.				
e.	Access denied b			•		w.				
f.	Pump on well de	•	•	-						
g.	Well blocked an			well cannot	be resample	ed.				
J.	Note: Homeowi									
	HOLO, HOHIEOWI	TOTAL CONT	tuotou UHE W	con prior to	SALLINIBIE CA	Oric.				



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December 31, 2001 Project 821803 (330-006.2Q)

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

Re: Groundwater Analytical Results

Third 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 September 26, 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

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)

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)					
47040145					-2.50	.D. EA						
17348 VE	03/13/96	<50	<0.50	<0.50	<0.50	<0.50	NA					
	05/27/96			-								
	08/29/96			-								
	11/26/96											
	03/31/97											
	06/25/97			-			NO					
	09/09/97 g	NS	NS	NS	NS NS	NS	NS					
	11/24/97 g	NS	NS	NS	NS	NS NS	NS					
	03/19/98 a	NS	NS	NS	NS	NS NS	NS NS					
	06/03/98 a 09/21/98 a	NS NC	NS NC	NS NS	NS NS	NS NS	NS					
		NS NS	NS NS		NS NS	NS NS	NS					
	12/14/98 a 03/15/99 a	NS NS	NS NS	NS NS	NS	NS	NS					
	05/15/99 a 06/14/99 f	NS	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	NS					
	03/15/00 a	NS	NS NS	NS	NS	NS	NS					
	06/13/00 g	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					
TPPH	= Total purgeab	-	•									
MtBE	= Methyl tert-b	_	gasoline add	ditive								
ppb	= Parts per bil											
<	= Less than lai	-	ection limit s	tated to the	right							
NA	= Not analyzed											
NS	= Not sampled											
NM	= Not measure	ea										
H	= Hacienda	_										
VM	= Via Magdalen	a										
VE	= Via Encinas			_								
-	= MtBE data ma	•	•									
**	= Concentration on August 18,		•	•	rging. Well res	sampled on						
_						~ d						
a.	Owner not ava			_		eu.						
b.	•	Well resampled to confirm data of March 14, 1996.										
C.		MtBE result confirmed by EPA Method 8260. Pumping equipment obstructing sampling access; well not sampled.										
d.				_	weii not samp	nea.						
e. 4		Access denied by owner; well not sampled										
f. -		Pump on well does not work. Well blocked and pump non-operational; well cannot be resampled.										
g.												
	Note: Homeov	vners are cor	itacted one v	week prior to	sampling ev	rent.						



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December 31, 2001 Project 821803 (330-006.2Q)

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

Re: Groundwater Analytical Results

Third 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 September 26, 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

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)
7		(44.4)	(PF-7	(W-F-7	Q-F-7	W-F7
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
	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
	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
TPPH	= Total purgeable	e petroleum h	ydrocarbons				
MtBE	= Methyl tert-bi	utyl ether, a j	gasoline add	itive			
ppb	= Parts per billi	-	_				
<	= Less than lab	oratory detec	ction limit st	ated to the r	ight		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measure	±					
Н	= Hacienda						
VM	= Via Magdalena	1					
VE	= Via Encinas						
•	= MtBE data ma	y be anamolo	us; unable to	confirm with	EPA Method	8260	
**	= Concentration	-			ging. Well res	ampled on	
	on August 18,	1997 for confi	rmation purp	oses.			
a.	Owner not avail	able to appre	ove sampling	access; wel	I not sample	d.	
b.	Well resampled	to confirm o	lata of March	14, 1996.			
C.	MtBE result cor	nfirmed by El	PA Method 8	260.			
d.	Pumping equip	ment obstruc	cting sampli	ng access; w	ell not samp	led.	
e.	Access denied	by <mark>owner; w</mark> e	II not sample	ed			
f.	Pump on well d						
g.	Well blocked ar						
	Note: Homeow	ners are con	tacted one w	eek prior to	sampling ev	ent.	



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December 31, 2001 Project 821803 (330-006.2Q)

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

Re: Groundwater Analytical Results

Third 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 September 26, 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

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

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)
1 100,1000	Cumpica	(рро)	(PP=7	(44-4)	(FF-)	(444)	
17203 VM	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
	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
ţ	03/31/97 f	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			Well Dry			
	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
1	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
TPPH	= Total purgeab	-	-				
MtBE	= Methyl tert-b	_	gasoline add	ditive			
ppb	= Parts per bil						
<	= Less than lat	_	ection limit s	tated to the	right		
NA	= Not analyzed						
NS	= Not sampled						
NM	= Not measure	ed					
H	= Hacienda	_					
VM	= Via Magdalen	а					
VE	= Via Encinas					enen	
**	= MtBE data ma	•	•				
	= Concentration August 18, 19		-		rging. Weil te	sampled on	
a.	Owner not avai					ed.	
b.	Well resample						
c.	MtBE result co	onfirmed by f	EPA Method	8260.			
d.	Pumping equip	oment obstru	acting sampl	ing access; v	well not sam	pled.	
e.	Access denied	by owner; w	ell not samp	led			
f.	Pump on well						
g.	Well blocked a						
	Note: Homeov	wners are co	ntacted one	week prior to	sampling e	vent.	