

**IT Corporation**

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

A Member of The IT Group



MAR 11 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**

Shaw Garakani  
Project Engineer

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  
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  
 (TPPH as Gasoline, BTEX Compounds, and MtBE)

17348 Via Encinas  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as			Ethyl- benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
		Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)			
17348 VE	03/13/96	<50	<0.50	<0.50	<0.50	<0.50	NA
	05/27/96	Well Dry					
	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	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 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 anomalous; 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.						



MAR 11 2002

**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. 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**

A handwritten signature in black ink, appearing to read 'Shaw Garakani', is written over a horizontal line.

Shaw Garakani  
Project Engineer

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  
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  
 (TPPH as Gasoline, BTEX Compounds, and MtBE)

17302 Via Magdalena  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (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
	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
	12/29/01 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						
H	= Hacienda						
VM	= Via Magdalena						
VE	= Via Encinas						
*	= MtBE data may be anomalous; 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.						



MAR 11 2002

**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)

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**

A handwritten signature in black ink, appearing to read 'Shaw Garakani', is written over a horizontal line.

Shaw Garakani  
Project Engineer

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  
Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region, 1515 Clay Street,  
Suite 1400, Oakland, CA 94612



Table 1

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

17203 Via Magdalena  
San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	
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	
	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	
	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 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 anomalous; 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.							



MAR 11 2002

**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)

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**

A handwritten signature in black ink, appearing to read 'Shaw', followed by a long horizontal line extending to the right.

Shaw Garakani  
Project Engineer

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  
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  
(TPPH as Gasoline, BTEX Compounds, and MtBE)

634 Hacienda  
San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (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
	06/14/99 e	NS	NS	NS	NS	NS	NS
	09/15/99 e	NS	NS	NS	NS	NS	NS
	12/08/99 e	NS	NS	NS	NS	NS	NS
	03/15/00 e	NS	NS	NS	NS	NS	NS
	06/13/00 e	NS	NS	NS	NS	NS	NS
	09/19/00 e	NS	NS	NS	NS	NS	NS
	12/14/00 e	NS	NS	NS	NS	NS	NS
	03/08/01 e	NS	NS	NS	NS	NS	NS
	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 anomalous; 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.



MAR 11 2002

**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**

A handwritten signature in black ink, appearing to read 'Shaw Garakani', is written over a horizontal line.

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)

March 4, 2002

Page 2

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

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

675 Hacienda  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as			Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
		Gasoline (ppb)	Benzene (ppb)	Toluene (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 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 anomalous; 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.						



**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)

SHB  
779 ✓

MAR 11 2002

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)



March 4, 2002  
Page 2

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

17371 Via Magdalena  
San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
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
	12/29/01 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						
H	= Hacienda						
VM	= Via Magdalena						
VE	= Via Encinas						
*	= MtBE data may be anomalous; 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.						



**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**

A handwritten signature in black ink, appearing to read 'Shaw Garakani', followed by a horizontal line extending to the right.

Shaw Garakani  
Project Engineer

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  
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  
(TPPH as Gasoline, BTEX Compounds, and MtBE)

17372 Via Magdalena  
San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	
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	
	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	c
	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	c
	09/21/98	<50	<0.50	<0.50	<0.50	<0.50	200	
	09/21/98	--	--	--	--	--	360	c
	12/14/98	<50	<0.50	0.823	<0.50	<0.50	20.1	
	03/15/99	<50	<0.50	<0.50	<0.50	<0.50	6.66	
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	3.33	
	09/15/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	
	12/08/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	
	03/15/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	06/13/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	09/19/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
12/14/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5		
03/08/01	<50	<0.50	<0.50	<0.50	<0.50	<2.5		
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 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 anomalous; 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.							



MAR 11 2002

**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. 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**

A handwritten signature in black ink, appearing to read 'Shaw Garakani', is written over a horizontal line.

Shaw Garakani  
Project Engineer



**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. 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.

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**

Shaw Garakani  
Project Engineer

Table 1 (continued)

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

17349 Via Magdalena  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)	
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	ct
	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	c
	06/13/00	319	5.28	<0.5	<0.50	<0.50	97.1	
	06/13/00	--	--	--	--	--	85	c
	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	--	--	--	--	--	197.0	c
03/08/01	<50.0	<0.50	<0.50	<0.50	<0.50	91.8		
03/08/01	--	--	--	--	--	98.3	c	
06/14/01	<50.0	<0.50	<0.50	<0.50	<0.50	68.0		
06/14/01	--	--	--	--	--	99.0	c	
09/26/01	52	0.5	<0.50	<0.50	<0.50	49.0		
09/26/01	--	--	--	--	--	54.0	c	
12/29/01	<50.0	<0.50	0.78	<0.50	<0.50	58.0		
12/29/01	--	--	--	--	--	48.0	c	
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 anomalous; unable to confirm with EPA Method 8260							
**	= Concentration data are suspect due to inadequate purging. Well resampled on August 18, 1997 for confirmation purposes.							



Table 1 (continued)

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

17349 Via Magdalena  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl- benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
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.							