



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

October 14, 1999  
Project 330-006.2L

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

Re: Groundwater Analytical Results  
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), formerly Pacific Environmental Group, Inc. (PEG), would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT attempted to collect samples on June 14, 1999 but was unable to do so because, since the June 25, 1997 sampling event, the well pump has been 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**

Debra J. Moser  
Senior Geologist  
CEG 1293

Attachment: Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company  
Mr. Amir Gholami, Alameda County Health Care Services Agency  
Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region

Table 1  
**Groundwater Analytical Data**  
 Total Purgeable Petroleum Hydrocarbons  
 (TPPH as Gasoline, BTEX Compounds, and MtBE)

17302 Via Magdalena  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as			Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
		Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)			
17302 VM	10/21/91	72	0.64	<0.30	0.44	<0.30	NA
	12/21/92	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/16/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	06/17/93	NS	NS	NS	NS	NS	NS
	09/16/93	66	<0.50	<0.50	<0.50	<0.50	NA
	12/30/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/30/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	06/15/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	09/21/94	NS	NS	NS	NS	NS	NS
	12/21/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/15/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	05/31/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	09/14/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	11/29/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	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	NS	NS	NS	NS	NS	NS
	09/09/97	NS	NS	NS	NS	NS	NS
	11/24/97	NS	NS	NS	NS	NS	NS
	03/19/98	NS	NS	NS	NS	NS	NS
	06/03/98	NS	NS	NS	NS	NS	NS
	09/21/98	NS	NS	NS	NS	NS	NS
	12/14/98	NS	NS	NS	NS	NS	NS
03/15/99	NS	NS	NS	NS	NS	NS	
06/14/99	NS	NS	NS	NS	NS	NS	

MtBE = Methyl tert-butyl ether, a gasoline additive  
 ppb = Parts per billion  
 < = Denotes laboratory detection limit  
 NA = Not analyzed  
 NS = Not sampled



1921 Ringwood Avenue  
San Jose, CA 95131-1721  
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October 14, 1999  
Project 330-006.2L

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

Re: Groundwater Analytical Results  
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), formerly Pacific Environmental Group, Inc. (PEG), would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT attempted to perform groundwater sampling to test for gasoline in water from your well on June 14, 1999 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**

Debra J. Moser  
Senior Geologist  
CEG 1293

Attachment: Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline and BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company  
Mr. Amir Gholami, Alameda County Health Care Services Agency  
Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region

Table 1  
**Groundwater Analytical Data**  
 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	11/13/91	<30	<0.30	<0.30	<0.30	<0.30	NA	
	12/21/92	<50	<0.50	<0.50	<0.50	<0.50	NA	
	03/16/93	<50	<0.50	<0.50	<0.50	<0.50	NA	
	06/17/93	<50	<0.50	<0.50	<0.50	<0.50	NA	
	09/16/93	<50	<0.50	<0.50	<0.50	<0.50	NA	
	12/30/93	<50	<0.50	<0.50	<0.50	<0.50	NA	
	03/29/94	<50	<0.50	<0.50	<0.50	<0.50	NA	
	06/15/94	<50	<0.50	<0.50	<0.50	<0.50	NA	
	09/21/94	NS	NS	NS	NS	NS	NS	
	12/21/94	<50	<0.50	<0.50	<0.50	<0.50	NA	
	03/15/95	<50	<0.50	<0.50	<0.50	<0.50	NA	
	05/31/95	<50	<0.50	<0.50	<0.50	<0.50	NA	
	09/14/95	<50	<0.50	<0.50	<0.50	<0.50	NA	
	11/29/95	<50	<0.50	<0.50	<0.50	<0.50	NA	
	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	NS	NS	NS	NS	NS	NS	
	06/25/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	09/09/97	NS	NS	NS	NS	NS	NS	
	11/24/97	NS	NS	NS	NS	NS	NS	
	03/19/98	Well Dry						
	06/03/98	NS	NS	NS	NS	NS	NS	
	09/21/98	NS	NS	NS	NS	NS	NS	
	12/14/98	NS	NS	NS	NS	NS	NS	
	03/15/99	NS	NS	NS	NS	NS	NS	
	06/14/99	NS	NS	NS	NS	NS	NS	

MtBE = Methyl tert-butyl ether, a gasoline additive.  
 ppb = Parts per billion  
 < = Denotes laboratory detection limit  
 NA = Not analyzed  
 NS = Not sampled



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October 14, 1999  
Project 330-006.2L

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

Re: Groundwater Analytical Results  
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), formerly Pacific Environmental Group, Inc. (PEG), would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT attempted to perform groundwater sampling to test for gasoline in water from your well on June 14, 1999 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**

Debra J. Moser  
Senior Geologist  
CEG 1293

Attachment: Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company  
Mr. Amir Gholami, Alameda County Health Care Services Agency  
Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region

Table 1  
**Groundwater Analytical Data**  
 Total Purgeable Petroleum Hydrocarbons  
 (TPPH as Gasoline, BTEX Compounds, and MtBE)

17348 Via Encinas  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as			Ethyl-		MtBE (ppb)
		Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	benzene (ppb)	Xylenes (ppb)	
17348 VE	12/21/92	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/16/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	06/16/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	09/15/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	12/30/93	NS	NS	NS	NS	NS	NS
	03/30/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	06/15/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	09/21/94	NS	NS	NS	NS	NS	NS
	12/21/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/15/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	05/30/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	09/14/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	11/29/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/13/96	<50	<0.50	<0.50	<0.50	<0.50	NA
	05/27/96	NS	NS	NS	NS	NS	NS
	08/29/96	NS	NS	NS	NS	NS	NS
	11/26/96	NS	NS	NS	NS	NS	NS
	03/31/97	NS	NS	NS	NS	NS	NS
	06/25/97	NS	NS	NS	NS	NS	NS
	09/09/97	NS	NS	NS	NS	NS	NS
	11/24/97	NS	NS	NS	NS	NS	NS
	03/19/98	NS	NS	NS	NS	NS	NS
	06/03/98	NS	NS	NS	NS	NS	NS
	09/21/98	NS	NS	NS	NS	NS	NS
	12/14/98	NS	NS	NS	NS	NS	NS
	03/15/99	NS	NS	NS	NS	NS	NS
	06/14/99	NS	NS	NS	NS	NS	NS

MtBE = Methyl tert-butyl ether, a gasoline additive  
 ppb = Parts per billion  
 < = Denotes laboratory detection limit  
 NA = Not analyzed  
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October 14, 1999  
Project 330-006.2L

John and Loretta Silva  
590 Hacienda Avenue  
San Lorenzo, California 94580

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

Dear Mr. and Mrs. Silva:

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

On behalf of ARCO, IT performed groundwater sampling to test for the presence of gasoline in water from your well. Groundwater samples were collected on June 14, 1999 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) 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**

Debra J. Moser  
Senior Geologist  
CEG 1293

October 14, 1999

Page 2

Attachment: Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company  
Mr. Amir Gholami, Alameda County Health Care Services Agency  
Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region



Table 1  
**Groundwater Analytical Data**  
 Total Purgeable Petroleum Hydrocarbons  
 (TPPH as Gasoline, BTEX Compounds, and MtBE)

590 Hacienda Avenue  
 San Lorenzo, California 94580

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
590 H	11/13/91	<30	<0.30	<0.30	<0.30	<0.30	NA
	10/14/92	<50	<0.50	<0.50	<0.50	<0.50	NA
	12/21/92	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/16/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	06/17/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	09/16/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	12/30/93	NS	NS	NS	NS	NS	NS
	03/29/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	06/16/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	09/21/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	12/21/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/15/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	05/26/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	09/15/95	<50	<0.50	13	<0.50	<0.50	NA
	11/29/95	NS	NS	NS	NS	NS	NS
	03/14/96	<50	<0.50	<0.50	<0.50	<0.50	NA
	05/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA
	08/29/96	NS	NS	NS	NS	NS	NS
	11/26/96	NS	NS	NS	NS	NS	NS
	03/31/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	06/25/97	NS	NS	NS	NS	NS	NS
	09/09/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	11/24/97	NS	NS	NS	NS	NS	NS
	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	NS	NS	NS	NS	NS	NS
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5

MtBE = Methyl tert-butyl ether, a gasoline additive  
 ppb = Parts per billion  
 < = Denotes laboratory detection limit  
 NA = Not analyzed  
 NS = Not sampled



1921 Ringwood Avenue  
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October 14, 1999  
Project 330-006.2L

Mrs. Albright  
634 Hacienda Avenue  
San Lorenzo, California 94580

Re: Groundwater Analytical Results  
634 Hacienda Avenue  
San Lorenzo, California

Dear Mrs. Albright:

On behalf of ARCO Products Company, IT Corporation (IT), formerly Pacific Environmental Group, Inc. (PEG), attempted to perform groundwater sampling of the irrigation water-supply well June 14, 1999, located at the property referenced above. The purpose of the sampling was to test for gasoline in the irrigation well water. Since permission was not granted to sample the well, no groundwater sample was collected 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**

Debra J. Moser  
Senior Geologist  
CEG 1293

Attachment: Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company  
Mr. Amir Gholami, Alameda County Health Care Services Agency  
Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region

Table 1  
**Groundwater Analytical Data**  
 Total Purgeable Petroleum Hydrocarbons  
 (TPPH as Gasoline, BTEX Compounds, and MtBE)

634 Hacienda Avenue  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as			Ethyl-		MtBE (ppb)
		Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	benzene (ppb)	Xylenes (ppb)	
634 H	09/11/91	NS	NS	NS	NS	NS	NS
	10/14/92	NS	NS	NS	NS	NS	NS
	12/21/92	NS	NS	NS	NS	NS	NS
	03/16/93	NS	NS	NS	NS	NS	NS
	06/17/93	NS	NS	NS	NS	NS	NS
	09/15/93	NS	NS	NS	NS	NS	NS
	12/30/93	NS	NS	NS	NS	NS	NS
	03/29/94	NS	NS	NS	NS	NS	NS
	06/15/94	NS	NS	NS	NS	NS	NS
	09/21/94	NS	NS	NS	NS	NS	NS
	12/21/94	NS	NS	NS	NS	NS	NS
	03/15/95	NS	NS	NS	NS	NS	NS
	05/31/95	NS	NS	NS	NS	NS	NS
	09/14/95	NS	NS	NS	NS	NS	NS
	11/28/95	NS	NS	NS	NS	NS	NS
	03/13/96	NS	NS	NS	NS	NS	NS
	05/27/96	NS	NS	NS	NS	NS	NS
	08/29/96	NS	NS	NS	NS	NS	NS
	11/26/96	NS	NS	NS	NS	NS	NS
	03/31/97	NS	NS	NS	NS	NS	NS
	06/25/97	NS	NS	NS	NS	NS	NS
	09/09/97	NS	NS	NS	NS	NS	NS
	11/24/97	NS	NS	NS	NS	NS	NS
	03/19/98	NS	NS	NS	NS	NS	NS
	06/03/98	NS	NS	NS	NS	NS	NS
	09/21/98	NS	NS	NS	NS	NS	NS
	12/14/98	NS	NS	NS	NS	NS	NS
	03/15/99	NS	NS	NS	NS	NS	NS
	06/14/99	NS	NS	NS	NS	NS	NS

MtBE = Methyl tert-butyl ether, a gasoline additive  
 ppb = Parts per billion  
 NS = Permission to sample was not granted



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

October 14, 1999  
Project 330-006.2L

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

Re: Groundwater Analytical Results  
633 Hacienda Avenue  
San Lorenzo, California

Dear Mr. and Mrs. Dahmann:

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

On behalf of ARCO, IT performed groundwater sampling to test for the presence of gasoline in water from your well. Groundwater samples were collected on June 14, 1999 and submitted to the laboratory to be analyzed for total purgeable petroleum hydrocarbons calculated as gasoline (TPPH-g); benzene, toluene, ethylbenzene, xylenes (BTEX compounds); and methyl tert-butyl ether (MtBE). Laboratory analysis of the groundwater samples collected from your well during the June 1999 sampling event detected MtBE at a concentration of 7.93 parts per billion (ppb). The groundwater samples collected from your well did not contain any detectable TPPH-g, or BTEX compounds. Groundwater analytical data for your well are presented in Table 1.

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

Sincerely,

**IT Corporation**

Debra J. Moser  
Senior Geologist  
CEG 1293

October 14, 1999

Page 2

Attachment: Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company  
Mr. Amir Gholami, Alameda County Health Care Services Agency  
Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region

Table 1  
**Groundwater Analytical Data**  
 Total Purgeable Petroleum Hydrocarbons  
 (TPPH as Gasoline, BTEX Compounds, and MtBE)

633 Hacienda Avenue  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
633 H	12/21/92	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/16/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	06/17/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	09/15/93	NS	NS	NS	NS	NS	NS
	12/30/93	NS	NS	NS	NS	NS	NS
	03/29/94	NS	NS	NS	NS	NS	NS
	06/15/94	NS	NS	NS	NS	NS	NS
	09/21/94	NS	NS	NS	NS	NS	NS
	10/07/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	12/21/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/15/95	250	5.1	9.8	9.8	46	NA
	03/15/95(D)	<50	<0.50	<0.50	<0.50	<0.50	NA
	05/31/95	<50	0.93	2.4	2.4	14	NA
	09/14/95	<50	0.64	1.2	1.2	7.6	NA
	11/28/95	<50	<0.50	0.89	0.89	8.3	NA
	03/14/96	480	10	11	11	140	NA
	05/13/96	<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	3.7
	12/30/96*	NA	NA	NA	NA	NA	4.9
	03/31/97	NS	NS	NS	NS	NS	NS
	06/25/97	NS	NS	NS	NS	NS	NS
	09/09/97	<50	<0.50	<0.50	<0.50	0.66	<2.5
	11/24/97	110	2.0	2.1	1.0	4.2	<2.5
	03/19/98	150	1.8	0.62	<0.50	28	<2.0
	06/03/98	480	6.2	4.3	2.9	120	28.0
	09/21/98	<50	<0.50	<0.50	<0.50	0.66	<2.5
	12/14/98	<50	<0.50	<0.50	<0.50	2.21	11.7
	03/15/99	<50	0.513	<0.50	<0.50	0.542	31.0
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	7.93

MtBE = Methyl tert-butyl ether, a gasoline additive  
 ppb = Parts per billion  
 < = Denotes laboratory detection limit  
 NA = Not analyzed  
 NS = Not sampled  
 (D) = Duplicate sampled  
 \* = MtBE result confirmed by EPA Method 8260



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

October 14, 1999  
Project 330-006.2L

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

Re: Groundwater Analytical Results  
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), formerly Pacific Environmental Group, Inc. (PEG), would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT attempted to collect samples on June 14, 1999 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**



Debra J. Moser  
Senior Geologist  
CEG 1293

Attachment: Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company  
Mr. Amir Gholami, Alameda County Health Care Services Agency  
Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region

Table 1  
**Groundwater Analytical Data**  
 Total Purgeable Petroleum Hydrocarbons  
 (TPPH as Gasoline, BTEX Compounds, and MtBE)

675 Hacienda Avenue  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as			Ethy-		MtBE (ppb)
		Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	benzene (ppb)	Xylenes (ppb)	
675 H	09/11/91	NS	NS	NS	NS	NS	NS
	10/14/92	NS	NS	NS	NS	NS	NS
	12/21/92	NS	NS	NS	NS	NS	NS
	03/16/93	NS	NS	NS	NS	NS	NS
	06/17/93	NS	NS	NS	NS	NS	NS
	09/15/93	NS	NS	NS	NS	NS	NS
	12/30/93	NS	NS	NS	NS	NS	NS
	03/29/94	NS	NS	NS	NS	NS	NS
	06/15/94	NS	NS	NS	NS	NS	NS
	09/22/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	12/21/94	NS	NS	NS	NS	NS	NS
	03/15/95	NS	NS	NS	NS	NS	NS
	05/31/95	NS	NS	NS	NS	NS	NS
	09/14/95	NS	NS	NS	NS	NS	NS
	11/28/95	NS	NS	NS	NS	NS	NS
	03/13/96	NS	NS	NS	NS	NS	NS
	05/27/96	NS	NS	NS	NS	NS	NS
	08/29/96	NS	NS	NS	NS	NS	NS
	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	NS	NS	NS	NS	NS	NS
	11/24/97	NS	NS	NS	NS	NS	NS
	03/19/98	NS	NS	NS	NS	NS	NS
	06/03/98	NS	NS	NS	NS	NS	NS
	09/21/98	NS	NS	NS	NS	NS	NS
	12/14/98	NS	NS	NS	NS	NS	NS
	03/15/99	NS	NS	NS	NS	NS	NS
	06/14/99	NS	NS	NS	NS	NS	NS

MtBE = Methyl tert-butyl ether, a gasoline additive  
 ppb = Parts per billion  
 < = Denotes laboratory detection limit  
 NA = Not analyzed  
 NS = Not sampled





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

October 14, 1999  
Project 330-006.2L

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

Re: Groundwater Analytical Results  
642 Hacienda Avenue  
San Lorenzo, California

Dear Mr. Corregedor:

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

On behalf of ARCO, IT performed groundwater sampling to test for the presence of gasoline in water from your well. Groundwater samples were collected on June 14, 1998, and were submitted to the laboratory to be analyzed for total purgeable petroleum hydrocarbons calculated as gasoline (TPPH-g), benzene, toluene, ethylbenzene, xylenes (BTEX compounds), and methyl tert-butyl ether (MtBE). The groundwater samples collected from your well did not contain any detectable TPPH-g, BTEX compounds, or MtBE. Groundwater analytical data for your well are presented in Table 1.

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

Sincerely,

**IT Corporation**

Debra J. Moser  
Senior Geologist  
CEG 1293

October 14, 1999

Page 2

Attachment: Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company  
Mr. Amir Gholami, Alameda County Health Care Services Agency  
Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region

Table 1  
**Groundwater Analytical Data**  
 Total Purgeable Petroleum Hydrocarbons  
 (TPPH as Gasoline, BTEX Compounds, and MtBE)

642 Hacienda Avenue  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as			Ethyl-benzene (ppb)	Xylenes (ppb)	MtBE (ppb)
		Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)			
642 H	11/13/91	<30	<0.30	<0.30	<0.30	<0.30	NA
	10/16/92	<50	<0.50	<0.50	<0.50	<0.50	NA
	12/21/92	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/16/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	06/17/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	09/16/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	12/30/93	NS	NS	NS	NS	NS	NS
	03/30/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	06/15/94	NS	NS	NS	NS	NS	NS
	09/21/94	NS	NS	NS	NS	NS	NS
	12/21/94	NS	NS	NS	NS	NS	NS
	03/15/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	05/31/95	NS	NS	NS	NS	NS	NS
	09/14/95	NS	NS	NS	NS	NS	NS
	11/28/95	NS	NS	NS	NS	NS	NS
	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	NS	NS	NS	NS	NS	NS
	06/25/97	NS	NS	NS	NS	NS	NS
	09/09/97	NS	NS	NS	NS	NS	NS
	11/24/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	03/19/98	NS	NS	NS	NS	NS	NS
	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	09/21/98	NS	NS	NS	NS	NS	NS
	12/14/98	NS	NS	NS	NS	NS	NS
	03/15/99	NS	NS	NS	NS	NS	NS
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5

MtBE = Methyl tert-butyl ether, a gasoline additive  
 ppb = Parts per billion  
 < = Denotes laboratory detection limit  
 NA = Not analyzed  
 NS = Not sampled



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

October 14, 1999  
Project 330-006.2L

Mr. Pimental  
17372 Via Magdalena  
San Lorenzo, California 94580

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

779?  
17601 Hesperian

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), formerly Pacific Environmental Group, Inc. (PEG), would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT performed groundwater sampling to test for the presence of gasoline in water from your well. Groundwater samples were collected on June 14, 1999 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 or BTEX compounds. Laboratory analysis of the samples collected from your well during the June 1999 sampling event detected MtBE at a concentration of 3.33 parts per billion (ppb). 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**

  
Debra J. Moser  
Senior Geologist  
CEG 1293

59 OCT 18 PM 4:51  
ENVIRONMENTAL PROTECTION

October 14, 1999

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Attachment: Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company  
Mr. Amir Gholami, Alameda County Health Care Services Agency  
Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region

Table 1  
**Groundwater Analytical Data**  
 Total Purgeable Petroleum Hydrocarbons  
 (TPPH as Gasoline, BTEX Compounds, and MtBE)

17372 Via Magdalena  
 San Lorenzo, California

Well Address	Date Sampled	TPPH as			Ethyl-		MtBE (ppb)
		Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	benzene (ppb)	Xylenes (ppb)	
17372 VM	09/27/91	300	5.5	<0.60	1.3	0.72	NA
	10/14/92	220	<1.0	<1.0	<1.0	<1.0	NA
	12/18/92	290	3.8	0.88	0.99	1.2	NA
	03/16/93	110	<0.50	<0.50	<0.50	<0.50	NA
	06/17/93	140	<0.50	1.3	0.63	1.1	NA
	09/15/93	120	<0.50	1.1	0.62	1.2	NA
	12/30/93	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/30/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	06/15/94	110	<0.50	<0.50	<0.50	<0.50	NA
	09/21/94	55	<0.50	<0.50	<0.50	<0.50	NA
	12/21/94	<50	<0.50	<0.50	<0.50	<0.50	NA
	03/15/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	05/31/95	60	<0.50	<0.50	<0.50	<0.50	NA
	09/14/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	11/30/95	<50	<0.50	<0.50	<0.50	<0.50	NA
	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	1,400*
	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	1,100*
	09/21/98	<50	<0.50	<0.50	<0.50	<0.50	360*
	12/14/98	<50	<0.50	0.823	<0.50	<0.50	20.1
03/15/99	<50	<0.50	<0.50	<0.50	<0.50	6.66	
06/14/99	<50	<0.50	<0.50	<0.50	<0.50	3.33	

MtBE = Methyl tert-butyl ether, a gasoline additive  
 ppb = Parts per billion  
 < = Denotes laboratory detection limit  
 NA = Not analyzed  
 \* = Confirmed by EPA Method 8260  
 + = Anomalous result; well re-sampled on 07/29/98



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

October 14, 1999  
Project 330-006.2L

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

Re: Groundwater Analytical Results  
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), formerly Pacific Environmental Group, Inc. (PEG), would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, IT performed groundwater sampling to test for the presence of gasoline in water from your well. Groundwater samples were collected on June 14, 1999 and submitted to the laboratory to be analyzed for total purgeable petroleum hydrocarbons calculated as gasoline (TPPH-g); benzene, toluene, ethylbenzene, xylenes (BTEX compounds); and methyl tert-butyl ether (MtBE). Laboratory analysis of the groundwater samples collected from your well during the June 1999 sampling event detected MtBE at a concentration of 59.2 parts per billion (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**

Debra J. Moser  
Senior Geologist  
CEG 1293

Attachment: Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline and BTEX Compounds, and MtBE)

October 14, 1999

Page 2

cc: Mr. Michael Whelan, ARCO Products Company  
Mr. Amir Gholami, Alameda County Health Care Services Agency  
Mr. Chuck Headlee, Regional Water Quality Control Board - S.F. Bay Region



Table 1  
**Groundwater Analytical Data**  
 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	09/27/91	780	13	<3.0	<3.0	<3.0	NA
	10/14/92	2,200	<50	<50	<50	110	NA
	12/18/92	1,500	14	1.8	7.1	56	NA
	03/16/93	1,100	16	4.2	1.8	1.8	NA
	06/17/93	1,100	1.5	6.7	2.9	7.9	NA
	09/16/93	1,200	13	21	3.0	10	NA
	12/30/93	NS	NS	NS	NS	NS	NS
	03/30/94	420	<1.0	<1.0	<1.0	5.3	NA
	06/15/94	460	<0.50	<0.50	<0.50	1.8	NA
	09/21/94	590	1.8	<0.50	1.1	7.6	NA
	12/21/94	670	<0.50	<0.50	<0.50	1.8	NA
	03/15/95	1,400	19	<5.0	7.9	48	NA
	05/31/95	890	<2.0	<2.0	4.3	22	NA
	09/15/95	610	3.9	<0.50	<0.50	<0.50	NA
	11/29/95	790	<2.5	<2.5	3.8	18	NA
	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
	3/31/97*	430	<1.0	2.7	<1.0	1.0	57
	8/18/97*	320	2.0	<0.50	<0.50	<0.50	31
	09/09/97	380	6.0	1.4	0.98	<0.50	34
	11/24/97	240	<1.0	1.1	<1.0	1.4	33
	03/19/98	1,300	14	<0.50	<0.50	1.2	27
	06/03/98	860	8.7	<0.50	0.7	8.0	38
	07/29/98	860	20.0	2.1	<1.2	<1.2	25*
	09/21/98	200	<0.50	<0.50	<0.50	14.0	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	3.5	<0.50	<0.50	59.2*

MtBE = Methyl tert-butyl ether, a gasoline additive  
 ppb = Parts per billion  
 < = Denotes laboratory detection limit  
 NA = Not analyzed  
 NS = Not sampled  
 \* = MtBE result confirmed by EPA Method 8260.  
 Concentration data from initial sampling performed on June 25, 1997 was suspect due to inadequate purging. Well was resampled on August 18, 1997 for confirmation purposes.