

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

A Member of The IT Group

June 6, 2000 Project 809628 (330-006.2Q)

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

Re: Groundwater Analytical Results
Second Quarter 2000
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 June 13, 2000 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 2000 sampling events detected MtBE at a concentration of 85 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

Shaw Garakani Project Engineer October 23, 2000 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. Michael Whelan, ARCO Products Company, 704 228th Avenue NE, #482, Redmond, WA 98053

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

Table 1

Groundwater Analytical Data Domestic Irrigation Wells

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

17349 Via Magdalena San Lorenzo, California

		TPPH as		· · · · · ·	Ethyl-			
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE	
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	
17349 VM	03/15/96	1,700	<2.0	<2.0	2.5	13	NA	
	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	С
	09/09/97	380	6.0	1.4	0.98	<0.50	38	
	09/09/97						34	С
	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	С
	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	С
	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	С
	06/13/00	319	5.28	<0.5	<0.50	<0.50	97.1	
	06/13/00						85	С
TPPH	= Total purgeal	ole petroleu	m hydrocart	ons			-	
MtBE	= Methyl tert-bu	ityl ether, a	gasoline ad	ditive				
	= Parts per billi	•	•					
<	= Less than lab		ection limit s	tated to the	right			
	= Not analyzed	-			•			
	= Not sampled							
	= Not measure	d						
	= Hacienda	_						
	= Via Magdaler	na						
	= Via Encinas							
	= MtBE data m	av he anom	olous: unab	le to confirm	n with FPA I	Method 8260)	
r*	= Concentration	ay uc anam a data ara a	uenect due :	to inadeaus	ste nurging 1	Well resamn	led on	
					ite puiging.	TTON TOOMING	nou on	
	on August 18	. 1997 for c	ontimation	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

		TPPH as			Ethyl-				
Well Address	Date Sampled	Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	benzene (ppb)	Xylenes (ppb)	MtBE (ppb)		
a.	Owner not ava	ilabled to a	pprove sam	pling acces	s; well not s	ampled.			
b.	Well resample	d to confirm	n data of Ma	rch 14, 199	6.				
c.	MtBE result co	nfirmed by	EPA Metho	d 8260.					
d.	Pumping equip	ment obstr	ucting samp	ling access	; well not sa	mpled.			
e.	Access denied	by owner;	well not san	npled					
f.	Pump on well of	does not wo	ork.						
g.	Well blocked a								
	Note: Homeov	vners are co	ontacted on	e week prio	r to sampling	g event.			



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IT Corporation

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

A Member of The IT Group

June 6, 2000 Project 330-006.2Q

Mrs. Ruth W. Toles 17203 Via Magdalena San Lorenzo, California 94580 REGARDIAN 5hh 779

Re: Groundwater Analytical Results

Fourth Quarter 1999 and First Quarter 2000

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 December 8, 1999 and March 15, 2000 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

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Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

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

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



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

A Member of The IT Group

June 6, 2000 Project 330-006.2Q

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

Re: Groundwater Analytical Results

Fourth Quarter 1999 and First Quarter 2000

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 December 8, 1999 and March 15, 2000 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 1999 and March 2000 sampling events detected MtBE at concentrations of 267 parts per billion (ppb) and 82.1 ppb, respectively. 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

Ath

Debra J. Moser Senior Geologist

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

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

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



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

A Member of The IT Group

June 6, 2000 Project 330-006.2Q

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

Re: Groundwater Analytical Results

Fourth Quarter 1999 and First Quarter 2000

17348 Via Encinas San Lorenzo, California

Dear Ms. Luehrs:

This letter presents sampling results of the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT), 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 December 8, 1999 but was unable to do so because the well pump was not operational. IT again attempted to perform groundwater sampling on March 15, 2000 but could not do so because permission to sample the well was not granted. 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

Attachment:

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

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

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



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

A Member of The IT Group

June 6, 2000 Project 330-006.2Q

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

Re: Groundwater Analytical Results
Fourth Quarter 1999 and First Quarter 2000

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 December 8, 1999 and March 15, 2000 and submitted to the laboratory to be analyzed for total purgeable petroleum hydrocarbons calculated as gasoline (TPPH-g); benzene, toluene, ethylbenzene, xylenes (BTEX compounds); and methyl tert-butyl ether (MtBE). The groundwater samples collected from your well during the December 1999 sampling event did not contain any detectable TPPH-g, BTEX compounds, or MtBE. Laboratory analysis of the groundwater samples collected during the March 2000 sampling event detected MtBE at a concentration of 17.5 parts per billion (ppb).

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

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

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

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



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

A Member of The IT Group

June 6, 2000 Project 330-006.2Q

Mr. Lester Schrag 17197 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results

Fourth Quarter 1999 and First Quarter 2000

17197 Via Magdalena San Lorenzo, California

Dear Mr. Schrag:

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 on December 8, 1999 and March 15, 2000 located at the property referenced above. The purpose of the sampling was to test for gasoline in the irrigation well water. Since permission was not granted to sample the well, no groundwater samples were collected during these quarters. A table summarizing attempted sampling dates and the results are presented in Table 1.

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

Sincerely,

IT Corporation

Debra J. Moser

A. DIM

Senior Geologist

Attachment:

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

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

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



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

A Member of The IT Group

June 6, 2000 Project 330-006.2Q

Mr. Pimental 17372 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results

Fourth Quarter 1999 and First Quarter 2000

17372 Via Magdalena San Lorenzo, California

Dear Mr. Pimental:

This letter presents sampling results of the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT), 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 December 8, 1999 and March 15, 2000 and submitted to the laboratory to be analyzed for total purgeable petroleum hydrocarbons calculated as gasoline (TPPH-g); benzene, toluene, ethylbenzene, xylenes (BTEX compounds); and methyl tert-butyl ether (MtBE). The groundwater samples collected from your well did not contain any detectable TPPH-g, BTEX compounds, or MtBE. Groundwater analytical data for your well are presented in Table 1.

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

Sincerely,

IT Corporation

Debra J. Moser

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Senior Geologist

Attachment:

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

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

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



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

A Member of The IT Croup

June 6, 2000 Project 330-006.2Q

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

Re: Groundwater Analytical Results

Fourth Quarter 1999 and First Quarter 2000

17302 Via Magdalena San Lorenzo, California

Dear Mr. Johansen:

This letter presents sampling results of the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT), 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 December 8, 1999 and March 15, 2000 but was unable to do so because the well pump has been non-operational since June 1997. Historical groundwater analytical data for your well are presented in Table 1.

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

Sincerely,

IT Corporation

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Debra J. Moser

Senior Geologist

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

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

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



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

A Member of The IT Group

June 6, 2000 Project 330-006.2Q

Loretta Silva 590 Hacienda Avenue San Lorenzo, California 94580

Re: Groundwater Analytical Results

Fourth Quarter 1999 and First Quarter 2000

590 Hacienda Avenue San Lorenzo, California

Dear 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 Products Company, IT Corporation (IT), formerly Pacific Environmental Group, Inc. (PEG), attempted to perform groundwater sampling of the irrigation water-supply well December 8, 1999 and March 15, 2000 located at the property referenced above. The purpose of the sampling was to test for gasoline in the irrigation well water. Since permission was not granted to sample the well, no groundwater sample was collected during these quarters. A table summarizing attempted sampling dates and the results are presented in Table 1.

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

Sincerely,

IT Corporation

Territoria Debra J. Moser Senior Geologist

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells
Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

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

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



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

A Member of The IT Group

June 6, 2000 Project 330-006.2Q

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

Re: Groundwater Analytical Results

Fourth Quarter 1999 and First Quarter 2000

642 Hacienda Avenue San Lorenzo, California

Dear Mr. Corregedor:

This letter presents sampling results of the irrigation water-supply well located at the property referenced above. ARCO Products Company (ARCO) and IT Corporation, 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 December 8, 1999 and March 15, 2000 and were submitted to the laboratory to be analyzed for total purgeable petroleum hydrocarbons calculated as gasoline (TPPH-g); benzene, toluene, ethylbenzene, xylenes (BTEX compounds); and methyl tert-butyl ether (MtBE). The groundwater samples collected from your well did not contain any detectable TPPH-g, BTEX compounds, or MtBE. Groundwater analytical data for your well are presented in Table 1.

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

Sincerely,

IT Corporation

Debra J. Moser Senior Geologist

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells
Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

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

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



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

A Member of The IT Group

June 6, 2000 Project 330-006.2Q

Mrs. Albright 634 Hacienda Avenue San Lorenzo, California 94580

Re: Groundwater Analytical Results

Fourth Quarter 1999 and First Quarter 2000

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 located at the property referenced above on December 8, 1999 and March 15, 2000. The purpose of the sampling was to test for gasoline in the irrigation well water. Since permission was not granted to sample the well, no groundwater sample was collected these quarters. A table summarizing attempted sampling dates and the results are presented in Table 1.

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

Sincerely,

IT Corporation

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Debra J. Moser

Senior Geologist

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells

Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

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

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



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

A Member of The IT Group

June 6, 2000 Project 330-006.2Q

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

Re: Groundwater Analytical Results

Fourth Quarter 1999 and First Quarter 2000

675 Hacienda Avenue San Lorenzo, California

Dear Mr. and Mrs. Roberts:

This letter presents sampling results of the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and IT Corporation (IT), 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 December 8, 1999 and March 15, 2000 but was unable to sample because the well pump was non-operational. Historical groundwater analytical data for your well are presented in Table 1.

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

Sincerely,

IT Corporation

Debra J. Moser Senior Geologist CEG 1293

Attachment:

Table 1 - Groundwater Analytical Data - Domestic Irrigation Wells Total Purgeable Petroleum Hydrocarbons

(TPPH as Gasoline and BTEX Compounds, and MtBE)

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

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

Table 1
Groundwater Analytical Data
Domestic Irrigation Wells

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

		TPPH as			Ethyl-				Dissolved
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE		Oxygen
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)		(ppm)
590 H	03/14/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
05/:	05/29/96	<50	< 0.50	< 0.50	< 0.50	< 0.50	NA		NM
	08/29/96 a	NS	NS	NS	NS	NS	NA		NM :
	11/26/96	NS	NS	NS	NS	NS	NS		NM
	03/31/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	06/25/97 a	NS	NS	NS	NS	NS	NS		NM
	09/09/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		2.0
	11/24/97 a	NS	NS	NS	NS	NS	NS		NM
	03/19/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5		1.0
	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50		3.8
	09/21/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5		3.2
	12/14/98	<50 <50	<0.50	<0.50	<0.50	<0.50	<2.0		2.2
	03/15/99 a	NS	NS	NS	NS	NS	NS		NM
	06/14/99	<50	< 0.50	<0.50	<0.50	<0.50	<2.5		NM
	09/15/99 a	NS	\0.50 NS				NS		NA
	12/08/99 a	NS	NS	NS	NS NS	NS NS	NS		
				NS	NS	NS			NM
	03/15/00 a	NS	NS	NS	NS	NS	NS		NM
633 H	03/14/96	480	10	11	1.8	140	NA		NM
	05/13/96 b	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	3.70		NM
	12/30/96		~-	-	10.50	-	4.9	c	NM
	03/31/97	NS	NS	NS	NS	NS	NS	·	NM
	06/25/97 a	NS	NS	NS	NS	NS	NS		NM
	09/10/97	<50					<2.5		
	11/24/97	110	<0.50	<0.50	<0.50	0.66	<2.5		1.0 NM
			2.0	2.1	1.0	4.2		С	
	03/19/98	150	1.8	0.62	<0.50	28	77 -20	_	NM
	03/19/98		~~	-			<2.0	С	NM
	06/03/98	480	6.2	4.3	2.9	120	28		1.3
	09/21/98	<50	<0.50	<0.50	<0.50	0.66	<2.5		1.2
	12/14/98	<50	<0.50	<0.50	<0.50	2.21	11.7		NM
	03/15/99	<50	0.513	<0.50	<0.50	0.542	31		NM
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	7.93		NM
	09/15/99	<50	<0.50	<0.50	<0.50	<0.50	5.65		0.0
	12/08/99	<50	<0.50	<0.50	<0. 50	<0.50	<5.0		1.4
	03/15/00	<50	<0.50	<0.50	<0.50	<0.50	17.5		1.2
634 H	03/13/96 a	NS	NS	NS	NS	NS	NA		NM
054 11	05/27/96 a								
	08/29/96 a	NS NS	NS NE	NS NE	NS NC	NS NC	NA NA		NM NM
	11/26/96 a	NS NS	NS NC	NS	NS NC	NS NC	NA NC		NM
		NS NS	NS	NS	NS	NS	NS		NM
	03/31/97	NS	NS	NS	NS	NS	NS		NM
	06/25/97 a	NS	NS	NS	NS	NS	NS		NM
	09/09/97 g	NS	NS	NS	NS	NS	NS		NM
	11/24/97 g	NS	NS	NS	NS	NS	NS		NM
	03/19/98 e	NS	NS	NS	NS	NS	NS		NM
	06/03/98 e	NS	NS	NS	NS	NS	NS		NM
	09/21/98 e	NS	NS	NS	NS	NS	NS		NM
	12/14/98 e	NS	NS	NS	NS	NS	NS		NM
	03/15/99 e	NS	NS	NS	NS	NS	NS		NM
	06/14/99 e	NS	NS	NS	NS	NS	NS		NM
	09/15/99 e	NS	NS	NS	NS	NS	NS		NM

Table 1 (continued) Groundwater Analytical Data Domestic Irrigation Wells

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

Well	TPPH as Ethyl- Date Gasoline Benzene Toluene benzene Xylenes MtBE								
Address			Benzene		benzene	Xylenes	MtBE	Oxygen	
	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppm)	
634 H	12/08/99 e	NS	NS	NS	NS	NS	NS	NM	
con't	03/15/00 e	NS	NS	NS	NS	NS	NS	NM	
642 H	03/15/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM	
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM	
	08/29/96	<50	<0.50	< 0.50	<0.50	<0.50	NA	NM	
	11/26/96	<50	< 0.50	<0.50	<0.50	< 0.50	<2.5	NM	
	03/31/97	NS	NS	NS	NS	NS	NS	NM	
	06/25/97	NS	NS	NS	NS	NS	NS	NM	
	09/09/97 a	NS	NS	NS	NS	NS	NS	NM	
	11/24/97	<50	< 0.50	<0.50	<0.50	< 0.50	<2.5	NM	
	03/19/98 a	NS	NS	NS	NS	NS	NS	NM	
	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NM	
	09/21/98 a	NS	NS	NS	NS	NS	NS	NM	
	12/14/98 a	NS	NS	NS	NS	NS	NS	NM	
	03/15/99 a	NS	NS	NS	NS	NS	NS	NM	
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.0	
	09/15/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.2	
	12/08/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	2.4	
	03/15/00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.8	
675 H	03/13/96 a	NS	NS	NS	NS	NS	NA.	NM	
	05/27/96 a	NS	NS	NS	NS	NS	NA.	NM	
	08/29/96 d	NS	NS	NS	NS	NS	NA.	NM	
	11/26/96	NS	NS	NS	NS	NS	NS	NM	
	03/31/97	NS	NS	NS	NS	NS	NS	NM	
	06/25/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM	
	09/09/97 f	NS	NS	NS	NS	NS	NS	NM	
	11/24/97 f	NS	NS	NS	NS	NS	NS	NM	
	03/19/98 f	NS	NS	NS	NS	NS	NS	NM	
	06/03/98 f	NS	NS	NS	NS	NS	NS	NM	
	09/21/98 a,f	NS	NS	NS	NS	NS	NS	NM	
	12/14/98 f	NS	NS	NS	NS	NS	NS	NM	
	03/15/99 f	NS	NS	NS	NS	NS	NS	NM	
	06/14/99 f	NS	NS	NS	NS	NS	NS	NM	
	09/15/99 f	NS	NS	NS	NS	NS	NS	NM	
	12/08/99 f	NS	NS	NS	NS	NS	NS NS	NM	
	03/15/00 f	NS	NS	NS NS	NS	NS	NS	NM	
17197 VM	03/15/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM	
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA.	NM	
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM	
	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM	
	03/31/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM	
	06/25/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NM	
	09/09/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0	
	11/24/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.4	
	03/19/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	2.2	
	06/03/98	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	
	09/21/98	<50	<0.50	<0.50	<0.50	<0.50	<2.5	3.0	
	12/14/98	<50	<0.50	<0.50	<0.50	<0.50	<2.0	2.4	
	03/15/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.6	
	06/14/99	<50	<0.50	<0.50	<0.50	<0.50	<2.5	1.8	
	09/15/99	<50	<0.50	<0.50	<0.50	<0.50	<5.0	1.0	

Table 1 (continued)

Groundwater Analytical Data Domestic Irrigation Wells

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

Well	Date	TPPH as Gasoline	Benzene	Toluene	Ethyl- benzene	Xylenes	MtBE	Dissolved Oxygen
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppm)
17197 VM	12/08/99 a	NS	NS	NS	NS	NS	NS	NM
(cont.)	03/15/00 a	NS	NS	NS	NS	NS	NS	NM
17200 VM	03/15/96	730	<1.0	<1.0	1.5	1.7	NA	NM
	05/27/96	200	<0.50	<0.50	1.4	1.8	NA	NM
	08/29/96				Well Destro	yed		
17203 VM	03/15/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/27/96	<50	<0.50	<0.50	<0.50	< 0.50	NA	NM
	08/29/96	<50	<0.50	<0.50	<0.50	< 0.50	NA	NM
	11/26/96	<50	<0.50	< 0.50	<0.50	<0.50	<2.5	NM
	03/31/97 f	NS	NS	NS	NS	NS	NS	NM
	06/25/97	<50	< 0.50	<0.50	< 0.50	<0.50	<2.5	NM
	09/09/97 f	NS	NS	NS	NS	NS	NS	NM
	11/24/97 f	NS	NS	NS	NS	NS	NS	NM
	03/19/98				Well Dry			***************************************
	06/03/98 f	NS	NS	NS	NS	NS	NS	NM
	09/21/98 f	NS	NS	NS	NS	NS	NS	NM
	12/14/98 f	NS	NS	NS	NS	NS	NS	NM
	03/15/99 f	NS	NS	NS	NS	NS	NS	NM
	06/14/99 f	NS	NS	NS	NS	NS	NS	NM
	09/15/99 f	NS	NS	NS	NS	NS	NS	NM
	12/08/99 f	NS	NS	NS	NS	NS	NS	NM
	03/15/00 f	NS	NS	NS	NS	NS	NS	NM
17302 VM	03/15/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/29/96	<50	<0.50	<0.50	<0.50 <0.50	<0.50 <0.50	NA NA	NM
	11/26/96	<50	<0.50	<0.50	<0.50 <0.50	<0.50	<2.5	
	03/31/97	<50	<0.50	<0.50	<0.50			NM NM
	09/09/97 f	NS	NS	NS	N\$	<0.50	<2.5 · NS	NM
	11/24/97 f	NS	NS			NS NS		
	03/19/98 f			NS NS	NS Ne	NS NS	NS NC	NM NM
	06/03/98 f	NS NS	NS	NS NS	NS	NS	NS	NM
		NS	NS NS	NS	NS	NS	NS	NM
	09/21/98 f	NS	NS NC	NS	NS NS	NS	NS	NM
	12/14/98 f	NS NC	NS	NS	NS NS	NS	NS	NM
	03/15/99 f	NS	NS	NS	NS	NS	NS	NM
	06/14/99 f	NS	NS	NS	NS	NS	NS	NM
	09/15/99 f	NS	NS	NS	NS	NS	NS	NM
	12/08/99 f	NS	NS	NS	NS	NS	NS	NM
	12/08/99 f 03/15/00 f	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NM NM
17348 VE	03/13/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/27/96					/		
	U8/29/96				Well Dr	/		****************
	11/26/96			·····	Well Dry	/		
					—— Weli Dr	/ —————		
	06/25/97 ——					ssible		
	09/09/97 g	NS	NS	NS	NS	NS	NS	NM
	11/24/97 g	NS	NS	NS	NS	NS	NS	NM
	03/19/98 a	NS	NS	NS	NS	NS	NS	NM
	06/03/98 a	NS	NS	NS	NS	NS	NS	NM
	09/21/98 a	NS	NS	NS	NS	NS	NS	NM

Table 1 (continued) Groundwater Analytical Data Domestic Irrigation Wells

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

Well	Date	TPPH as Gasoline	Benzene	Toluene	Ethyl- benzene	Xylenes	MtBE	Dissolved Oxygen
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppm)
17348 VE	12/14/98 a	NS	NS	NS	NS	NS	NS	NM
(cont.)	03/15/99 a	NS	NS	NS	NS	NS	NS	NM
(COITE.)	06/14/99 f	NS	NS	NS	NS	NS	NS	NM
	09/15/99 f	NS	NS		NS	NS	NS	NM
				NS NC				
	12/08/99 f	NS	NS	NS	NS	NS	NS	NM
	03/15/00 a	NS	NS	NS	NS	NS	NS	NM
17349 VM	03/15/96	1,700	<2.0	<2.0	2.5	13	NA	NM
	05/27/96	320	4.2	1.3	0.95	0.71	NA	NM
	08/29/96	410	7.5	<0.50	< 0.50	1.1	NA	NM
	11/26/96	300	<1.0	1.7	<1.0	2.1	55	* NM
	03/31/97	430	<1.0	2.7	<1.0	1.0	57	c NM
	06/25/97 **	2,100	30	<5.0	<5.0	6.7	140	NM
	08/18/97	320	2.0	<0.5	<0.5	<0.5	34	NM
	08/18/97	_					31	c NM
	09/09/97	380	6.0	1.4	0.98	<0.50	38	3.0
	09/09/97					40.50	34	c NM
						1.4	53	2.4
	11/24/97	240	<1.0	1.1	<1.0	1.4		
	11/24/97			_		4.0	33	ct NM
	03/19/98	1,300	14	<0.50	<0.50	1.2	250	1.0
	03/19/98	_			_		27	c NM
	06/03/98	860	8.7	<0.50	0.7	8.0	38	4.9
	07/29/98	860	20	2.1	<1.2	<1.2	27	NM
	07/29/98						25	c NM
	09/21/98	200	<0.50	<0.50	<0.50	14	14	5.2
	12/14/98	254	<0.50	6.92	0.604	1.58	21.7	1.0
	03/15/99	172	1.35	< 0.50	<0.50	<0.50	24.2	3.6
	06/14/99	91	<0.50	3.53	<0.50	<0.50	88.3	2.8
	09/15/99 a	133	<0.50	<0.50	<0.50	<0.50	184	2.2
	12/08/99	136	0.681	<0.50	<0.50	<0.50	267	c 2.4
	03/15/00	<50	<0.50	<0.50	<0.50	<0.50	82.1	c 2.8
17371 VM	03/13/96 e	NS	NS	NS	NS	NS	NA	NM
1737 I VIVI								NM
	05/27/96 e	NS	NS	NS	NS	NS	NA	
	08/29/96 e	NS	NS	NS	NS	NS	NA	NM
	11/26/96 e	NS	NS	NS	NS	NS	NS	NM
	03/31/97 e	NS	NS	NS	NS	NS	NS	NM
	06/25/97 e	NS	NS	NS	NS	NS	NS	NM
	09/09/97 e	NŞ	NS	NS	NS	NS	NS	NM
	11/24/97 e	NS	NS	NS	NS	NS	NS	NM
	03/19/98 e	NS	NS	NS	NS	NS	NS	NM
	06/03/98 e	NS	NS	NS	NS	NS	NS	NM
	09/21/98 e	NS	NS	NS	NS	NS	NS	NM
	12/14/98 e	NS	NS	NS	NS	NS	NS	NM
	03/15/99 e	NS	NS	NS	NS	NS	NS	NM
	06/14/99 e	NS	NS	NS	NS	NS	NS	NM
	09/15/99 e		NS	NS	NS	NS	NS	NM
		NS NS					NS NS	NM
	12/08/99 f 03/15/00 f	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NM NM
	30	. 10	, -0					
17372 VM	03/14/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	NA	NM
	08/29/96	<50	< 0.50	<0.50	<0.50	< 0.50	NA	NM
	11/26/96	<50	<0.50	<0.50	<0.50	< 0.50	<2.5	NM

Table 1 (continued)

Groundwater Analytical Data Domestic Irrigation Wells

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

ARCO Service Station 0608 17601 Hesperian Boulevard at Hacienda Avenue San Lorenzo, California

		TPPH as			Ethyl-				Dissolved
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE		Oxygen
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)		(ppm)
17372 VM	03/31/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
(cont.)	06/25/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	09/09/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		4.0
	11/24/97	<50	<0.50	<0.50	<0.50	<0.50	<2.5		2.0
	03/19/98	<50	<0.50	<0.50	<0.50	<0.50	1,200		1.8
	03/19/98	_		-			1,400	C	NM
	06/03/98	<50	<0.50	<0.50	<0.50	< 0.50	16,000		1.8
	07/29/98	<200	<2.0	<2.0	<2.0	<2.0	940		NM
	07/29/98			_		_	1,100	¢	NM
	09/21/98	<50	<0.50	<0.50	<0.50	< 0.50	200		1.6
	09/21/98		_				360	C	NM
	12/14/98	<50	<0.50	0.823	<0.50	<0.50	20.1		3.8
	03/15/99	<50	<0.50	<0.50	<0.50	<0.50	6. 66		4.6
	06/14/99	<50	<0.50	<0.50	< 0.50	<0.50	3.33		4.0
	09/15/99	<50	<0.50	<0.50	< 0.50	< 0.50	<5.0		2.0
	12/08/99	<50	<0.50	< 0.50	<0.50	<0.50	<5.0		NM
	03/15/00	<50	<0.50	<0.50	<0.50	< 0.50	<2.5		1. 6
7393 VM	03/14/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	05/27/96	<50	< 0.50	<0.50	<0.50	< 0.50	NA		NM
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA		NM
	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	<2.5		NM
	03/31/97 a	NS	, NS	NS	NS	NS	NS		NM
	06/25/97				Well Destroy	ved			

TPPH = Total purgeable petroleum hydrocarbons

MtBE = Methyl tert-butyl ether

NA = Not analyzed

NS = Not sampled

ppb = Parts ber billion

H = Hacienda Avenue

VM = Via Magdalena

VE ≃ Via Encinas

- = Less than laboratory detection limit stated to the right.
- MtBE data maybe 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.
- Owner not available to approve sampling access; well not sampled.
- Well resampled to confirm data of March 14, 1996.
- 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 sampled.
 - Note: Homeowners are contacted 1 week prior to sampling event.