

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

On behalf of ARCO, PACIFIC attempted to perform groundwater sampling to test for gasoline in the water on November 26, 1996. The well was dry, therefore no sample was taken. Historical groundwater analytical data are presented in Table 1.

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

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser Senior Geologist

Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum

Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and

MtBE)

Mr. Michael Whelan, ARCO Products Company Ms. Amy Leech, Alameda County Health Care Services Agency Mr. Kevin Graves, Regional Water Quality Control Board - S.F. Bay Region

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

> 17348 Via Encinas San Lorenzo, California

		TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
17348 VE	12/21/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/16/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/16/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	09/15/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/30/93	NS	NS	NS	NS	NS	NA
	03/30/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/15/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	09/21/94	NS	NS	NS	NS	NS	NA
	12/21/94	<50	<0.5	<0.5	<0.5	<0.5	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	NΑ
	09/14/95	<5D	<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

MtBE = Methyl tert-butyl ether, a gasoline additive

ppb = Parts per billion

= Denotes laboratory detection limit

NA = Not analyzed NS = Not sampled



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

On behalf of ARCO, PACIFIC performed groundwater sampling to test for gasoline in the water. The groundwater sample was collected on November 26, 1996, and was 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 sample collected from your well detected TPPH-g at a concentration of 330 parts per billion (ppb); no benzene was detected. Groundwater analytical data are presented in Table 1.

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

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser Senior Geologist

Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum

Hydrocarbons (TPPH as Gasoline and BTEX Compounds,

and MtBE)

Mr. Michael Whelan, ARCO Products Company

Ms. Amy Leech, Alameda County Health Care Services Agency Mr. Kevin Graves, Regional Water Quality Control Board - S.F. Bay Region



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 of the irrigation water-supply well located on the property referenced above. ARCO Products Company (ARCO) and Pacific Environmental Group, Inc. (PACIFIC) would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, PACIFIC performed groundwater sampling to test for gasoline in the water. The groundwater sample was collected on November 26, 1996, and was 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 sample collected from your well did not contain any detectable TPPH-g, BTEX compounds, or MtBE. Groundwater analytical data are presented in Table 1.

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

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser Senior Geologist

Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum

Hydrocarbons (TPPH as Gasoline and BTEX Compounds,

and MTBE)

Mr. Michael Whelan, ARCO Products Company Ms. Amy Leech, Alameda County Health Care Services Agency

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

> 17203 Via Magdalena San Lorenzo, California

· · · · · · · · · · · · · · · · · · ·		TPPH as			Ethyl-		•
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
17203 VM	11/13/91	<30	<0.3	<0.3	<0.3	<0,3	NA
	12/21/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/16/93	<50	<0.5	<0.5	<0.5	<0.5	NA.
	06/17/93	<50	<0,5	<0.5	<0.5	<0.5	NA
	09/16/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/30/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/29/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/15/94	<50	<0,5	<0.5	<0.5	<0.5	NA
	09/21/94	NS	NS	NS	NS	NS	NA
	12/21/94	<50	<0.5	<0.5	<0.5	<0.5	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

MtBE = Methyl tert-butyl ether, a gasoline additive.

ppb = Parts per billion

= Denotes laboratory detection limit

NA = Not analyzed NS = Not sampled



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

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

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

On behalf of ARCO, PACIFIC performed groundwater sampling to test for gasoline in the water. The groundwater sample was collected on November 26, 1996, and was 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 sample collected from your well did not contain any detectable TPPH-g or BTEX compounds. Groundwater analytical data are presented in Table 1.

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

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser Senior Geologist

Table I - Groundwater Analytical Data - Total Purgeable Petroleum Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and

MtBE)

Mr. Michael Whelan, ARCO Products Company Ms. Amy Leech, Alameda County Health Care Services Agency

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

633 Hacienda Avenue San Lorenzo, California

		TPPH as		·	Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
633 H	12/21/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/16/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/17/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	09/15/93	NS	NS	NS	NS	NS	NA
	12/30/93	NS	NS	NS	NS	NS	NA
	03/29/94	NS	NS	NS	NS	NS	NA
	06/15/94	NS	NS	NS	NS	NS	NA
	09/21/94	NS	NS	NS	NS	NS	NA
	10/07/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/21/94	<50	<0.5	<0.5	<0.5	<0.5	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
1	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
1	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	NA
Ì	11/26/96	<50	<0.50	<0.50	<0.50	<0.50	3.7
	12/30/96	NA	NA	NA	NA	NA	4.9 *

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



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:

On behalf of ARCO Products Company, Pacific Environmental Group, Inc. attempted to perform groundwater sampling of the irrigation water-supply well on November 26, 1996, 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) 441-7500, or Ms. Amy Leech of the Alameda County Health Care Services Agency at (510) 567-6700 if you have any questions regarding the contents of this letter.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Møser Senior Geologist

Senior Geologist

Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum

Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and

MtBE)

cc:

Mr. Michael Whelan, ARCO Products Company Ms. Amy Leech, Alameda County Health Care Services Agency

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

> 675 Hacienda Avenue San Lorenzo, California

		TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
675 H	09/11/91	NS	NS	NS	NS	NS	NS
1	10/14/92	NS	NS	NS	NS	NS	NS
1	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
1	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	< 0.5	<0.5	<0.5	<0.5	NA
	12/21/94	NS	NS	NS	NS	NS	NS
ļ	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
Ī	11/28/95	NS	NS	NS	NS	NS	NS
i	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

MtBE = Methyl tert-butyl ether, a gasoline additive

ppb = Parts per billion < = Denotes laboratory detection limit

NA = Not analyzed

NS = Not sampled

¥.,;



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, Pacific Environmental Group, Inc. attempted to perform groundwater sampling of the irrigation water-supply well on November 26, 1996, 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) 441-7500, or Ms. Amy Leech of the Alameda County Health Care Services Agency at (510) 567-6700 if you have any questions regarding the contents of this letter.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser

Senior Geologist

Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum

Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and

MtBE)

cc: Mr. Michael Whelan, ARCO Products Company

Ms. Amy Leech, Alameda County Health Care Services Agency

Table 1
Groundwater Analytical Data

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

634 Hacienda Avenue San Lorenzo, California

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

MtBE = Methyl tert-butyl ether, a gasoline additive

ppb = Parts per billion

NS = Permission to sample was not granted



Mr. and Mrs. Corregedor 642 Hacienda Avenue San Lorenzo, California 94580

Re: Groundwater Analytical Results

642 Hacienda Avenue San Lorenzo, California

Dear Mr. and Mrs. Corregedor:

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

On behalf of ARCO, PACIFIC performed groundwater sampling to test for gasoline in the water. The groundwater sample was collected on November 26, 1996, and was 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 sample collected from your well did not contain any detectable TPPH g or BTEX compounds. Groundwater analytical data are presented in Table 1.

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

Sincerely,

Pacific Environmental Group, Inc.

Senior Geologist

Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum

Hydrocarbons (TPPH as Gasoline and BTEX Compounds,

and MtBE)

CC:

Mr. Michael Whelan, ARCO Products Company Ms. Amy Leech, Alameda County Health Care Services Agency

Table 1
Groundwater Analytical Data

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

642 Hacienda Avenue San Lorenzo, California

		TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(bbp)	(ppb)
642 H	11/13/91	<30	<0.3	<0.3	<0.3	<0.3	NA
	10/16/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/21/92	<50	<0,5	<0.5	<0.5	<0.5	NA
	03/16/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/17/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	09/16/93	<50	<0.5	<0.5	<0.5	<0.5	N/A
	12/30/93	NS	NS	NS	NS	NS	N.A
	03/30/94	<50	<0,5	<0.5	<0.5	<0.5	N.A
	06/15/94	NS	NS	NS	NS	NS	N/
	09/21/94	NS	NS	NS	NS	NS	N/
	12/21/94	NS	NS	NS	NS	NS	N/
	03/15/95	<50	<0.50	<0.50	<0.50	<0.50	N/
	05/31/95	NS	NS	NS	NS	NS	N/
	09/14/95	NS	NS	NS	NS	NS	N/
	11/28/95	NS	NS	NS	NS	NS	N/
	03/15/96	<50	<0.50	<0.50	<0.50	<0.50	N/
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	N/
	08/29/96	<50	<0.50	<0.50	<0.50	<0.50	N/
	11/26/96	<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



Mr. James J. Whaley 17393 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results 17393 Via Magdalena San Lorenzo, California

Dear Mr. Whaley:

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

On behalf of ARCO, PACIFIC performed groundwater sampling to test for gasoline in the water. The groundwater sample was collected on November 26, 1996, and was 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 sample collected from your well did not contain any detectable TPPH-g, BTEX compounds, or MtBE. Groundwater analytical data are presented in Table 1.

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

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser Senior Geologist

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

and MtBE)

Mr. Michael Whelan, ARCO Products Company Ms. Amy Leech, Alameda County Health Care Services Agency Mr. Kevin Graves, Regional Water Quality Control Board - S.F. Bay Region

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

17393 Via Magdalena San Lorenzo, California

ſ	 ·	TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
17393 VM	11/13/91	31	<0.3	<0.3	<0.3	<0.3	NA
	12/18/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/16/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/17/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	09/15/93	<50	<0.5	<0.5	<0.5	<0,5	NA
	12/30/93	NS	NS	NS	NS	NS	NA
	03/30/94	50	<0.5	<0.5	<0.5	<0.5	NA
	06/15/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	09/21/94	NS	NS	NS	NS	NS	NA
	12/21/94	<50	<0.5	<0.5	<0.5	<0.5	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
	09/15/95	<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

MtBE = Methyl tert-butyl ether, a gasoline additive

ppb = Parts per billion
< = Denotes laboratory detection limit

NA = Not analyzed

NS = Not sampled



Mr. and Mrs. John 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 Pacific Environmental Group, Inc. (PACIFIC) would like to express their gratitude for your cooperation in this project.

On behalf of ARCO, PACIFIC performed groundwater sampling to test for gasoline in the water on November 26, 1996. Your well was not sampled as no one was home to permit access. Groundwater analytical data are presented in Table 1.

Please call me at (408) 441-7500, or Ms. Amy Leech of the Alameda County Health Care Services Agency at (415) 271-4320 if you have any questions regarding the contents of this letter.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser Senior Geologist

Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum

Hydrocarbons (TPPH as Gasoline and BTEX Compounds.

and MtBE)

cc: Mr. Michael Whelan, ARCO Products Company

Ms. Amy Leech, Alameda County Health Care Services Agency

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

> 590 Hacienda Avenue San Lorenzo, California 94580

		TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
590 H	11/13/91	<30	<0.3	<0.3	<0.3	<0.3	N/
	10/14/92	<50	<0.5	<0.5	<0.5	<0.5	N/
	12/21/92	<50	<0.5	<0.5	<0.5	<0.5	N/
	03/16/93	<50	<0.5	<0,5	<0.5	<0.5	N/
	06/17/93	<50	<0.5	<0.5	<0.5	<0.5	N/
	09/16/93	<50	<0.5	<0.5	<0.5	<0.5	N/
	12/30/93	NS	NS	NS	NS	NS	NS
	03/29/94	<50	<0.5	<0.5	<0.5	<0.5	N/
	06/16/94	<50	<0.5	<0.5	<0.5	<0.5	N/
	09/21/94	<50	<0.5	<0.5	<0.5	<0.5	N/
	12/21/94	<50	<0.5	<0.5	<0.5	<0.5	N
	03/15/95	<50	<0.50	<0.50	<0.50	<0.50	N
	05/26/95	<50	<0.50	<0.50	<0.50	<0.50	N
	09/15/95	<50	<0.50	13	<0,50	<0.50	N/
	11/29/95	NS	NS	NS	NS	NS	N:
	03/14/96	<50	<0.50	<0.50	<0.50	<0.50	N.
	05/29/96	<50	<0.50	<0.50	<0.50	<0.50	N.
	08/29/96	NS	NS	NS	NS	NS	N
	11/26/96	NS	NS	NS	NS	NS	N

MtBE = Methyl tert-butyl ether, a gasoline additive

ppb = Parts per billion

= Denotes laboratory detection limit

NA = Not analyzed NS = Not sampled



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

On behalf of ARCO, PACIFIC performed groundwater sampling to test for gasoline in the water. The groundwater sample was collected on November 26, 1996, and was 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 sample collected from your well did not contain any detectable TPPH-g, BTEX compounds, or MtBE. Groundwater analytical data are presented in Table 1.

Please call me at (408) 441-7500, or Ms. Amy Leech of the Alameda County Health Care Services Agency at (415) 271-4320 if you have any questions regarding the contents of this letter.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser Senior Geologist

Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum

Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and

MtBE)

cc: Mr. Michael Whelan, ARCO Products Company

Ms. Amy Leech, Alameda County Health Care Services Agency Mr. Kevin Graves, Regional Water Quality Control Board - S.F. Bay Region

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

> 17302 Via Magdalena San Lorenzo, California

		TPPH as			Ethyl-		,
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
17302 VM	10/21/91	72	0.64	<0.3	0.44	<0.3	NA
	12/21/92	<50	<0,5	<0.5	<0.5	<0.5	NA
	03/16/93	<50	<0.5	<0.5	<0.5	<0.5	NA
İ	06/17/93	NS	NS	NS	NS	NS	NA
į	09/16/93	66	<0.5	<0.5	<0,5	<0.5	NA
	12/30/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/30/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/15/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	09/21/94	NS	NS	NS	NS	NS	NA
	12/21/94	<50	<0.5	<0.5	<0.5	<0.5	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

MtBE = Methyl tert-butyl ether, a gasoline additive

ppb = Parts per billion

= Denotes laboratory detection limit

NA = Not analyzed NS = Not sampled



Mr. Pimental 17372 Via Magdalena San Lorenzo, California 94580

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

On behalf of ARCO, PACIFIC performed groundwater sampling to test for gasoline in the water. The groundwater sample was collected on November 26, 1996, and was submitted to a 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 sample collected from your well did not contain any detectable TPPH-g, BTEX compounds, or MtBE. Groundwater analytical data are presented in Table 1.

Please call me at (408) 441-7500, or Ms. Amy Leech of the Alameda County Health Care Services Agency at (415) 271-4320 if you have any questions regarding the contents of this letter.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser Senior Geologist

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

MtBE)

Mr. Michael Whelan, ARCO Products Company Ms. Amy Leech, Alameda County Health Care Services Agency Mr. Kevin Graves, Regional Water Quality Control Board - S.F. Bay Region

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

17372 Via Magdalena San Lorenzo, California

		TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MIBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(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	N.A
	12/18/92	290	3.8	0.88	0.99	1.2	N.A
	03/16/93	110	<0.5	<0.5	<0.5	<0.5	NA
	06/17/93	140	<0.5	1.3	0.63	1.1	N.A
	09/15/93	120	<0.5	1.1	0.62	1.2	N/
	12/30/93	<50	<0.5	<0.5	<0.5	<0.5	N/
	03/30/94	<50	<0.5	<0.5	<0.5	<0.5	N/
	06/15/94	110	<0.5	<0.5	<0.5	<0.5	N/
	09/21/94	55	<0.5	<0.5	<0.5	<0.5	N/
	12/21/94	<50	<0.5	<0.5	<0.5	<0.5	N/
	03/15/95	<50	<0.50	<0.50	< 0.50	< 0.50	N/
	05/31/95	60	<0.50	<0.50	<0.50	< 0.50	N/
	09/14/95	<50	<0.50	<0.50	< 0.50	<0.50	N.A
	11/30/95	<50	<0.50	<0.50	<0.50	<0.50	N/
	03/14/96	<50	<0.50	<0,50	<0.50	< 0.50	N/
	05/27/96	<50	<0.50	<0.50	<0.50	<0.50	N/
•	08/29/96	<50	<0.50	<0.50	< 0.50	<0.50	N.A
	11/26/96	<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



ENVIRONMENTAL PROTECTION 97 MIR 21 PM 2: 13

March 6, 1997 Project 330-006.2F

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

Re: Groundwater Analytical Results 17197 Via Magdalena San Lorenzo, California

Dear Mr. Schrag;

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

On behalf of ARCO, PACIFIC performed groundwater sampling to test for gasoline in the water. The groundwater sample was collected on November 26, 1996, and was 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 sample collected from your well did not contain any detectable TPPH-g, BTEX compounds, or MtBE. Groundwater analytical data are presented in Table 1.

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

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser / Senior Geologist

Table 1 - Groundwater Analytical Data - Total Purgeable Petroleum

Hydrocarbons (TPPH as Gasoline, BTEX Compounds, and

MtBE)

cc: Mr. Michael Whelan, ARCO Products Company
Ms. Amy Leech, Alameda County Health Care Services Agency

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

17197 Via Magdalena San Lorenzo, California

		TPPH as			Ethyl-		
Well	Date	Gasoline	Benzene	Toluene	benzene	Xylenes	MtBE
Address	Sampled	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)	(ppb)
17197 VM	11/13/91	<30	<0.3	<0.3	<0.3	<0.3	NA
	10/14/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/21/92	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/15/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/17/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	09/16/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	12/30/93	<50	<0.5	<0.5	<0.5	<0.5	NA
	03/30/94	<50	<0.5	<0.5	<0.5	<0.5	NA
	06/15/94	<50	<0.5	<0.5	<0.5	<0.5	NΑ
	09/21/94	NS	NS	NS	NS	NS	NA
	12/21/94	<50	<0.5	<0.5	<0.5	<0.5	NA
ļ	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
ĺ	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

MtBE = Methyl tert-butyl ether, a gasoline additive

ppb = Parts per billion

< = Denotes laboratory detection limit

NA = Not analyzed NS = Not sampled