

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 the results of the sampling of the irrigation water-supply well location on your property 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 the groundwater sampling to test for gasoline in the water. The groundwater samples were collected on June 17, 1993 and were submitted to the laboratory for analysis of total petroleum hydrocarbons calculated as gasoline (TPH-g) and benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) in groundwater.

Laboratory analysis of the groundwater samples collected from your well on June 17, 1993 detected TPH-g and benzene at concentrations of 1,100 and 1.5 parts per billion (ppb), respectively. Toluene, ethylbenzene, and xylenes also were detected. These compounds are indicative of gasoline. Groundwater analytical data are presented in Table 1.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser Senior Geologist

**CEG** 1293

Attachments: Table 1 - Groundwater Analytical Data -

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Total Petroleum Hydrocarbons

(TPH as Gasoline and BTEX Compounds)

cc: Mr. Michael Whelan, ARCO Products Company

Mr. Chris Winsor, ARCO Products Company

Mr. Charles Lapin, ARCO Products Company

Mr. John Meck, ARCO Products Company
Ms. Juliett Shin, Alameda County Health Care Services

### 17349 Via Magdalena San Lorenzo, California

Well Address	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
17349 VM	09/27/91	780	13	<3.0	<3.0	<3.0
	10/14/92	2,200	<50	<50	<50	110
	12/18/92	1,500	14	1.8	7.1	56
	03/16/93	1,100	16	4.2	1.8	1.8
1	06/17/93	1,100	1.5	6.7	2.9	7.9

ppb

Parts per billionDenotes laboratory detection limit



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 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 the groundwater sampling to test for gasoline in the water. The samples were collected on June 17, 1993 and submitted to the laboratory for analysis of total petroleum hydrocarbons calculated as gasoline (TPH-g) and benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) in groundwater.

The groundwater samples collected from your well did not contain any dissolved concentrations of TPH-g or BTEX compounds. Groundwater analytical data are presented in Table 1.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser Senior Geologist

**CEG 1293** 

Table 1 - Groundwater Analytical Data -Attachments:

Total Petroleum Hydrocarbons

(TPH as Gasoline and BTEX Compounds)

Mr. Michael Whelan, ARCO Products Company

Mr. Chris Winsor, ARCO Products Company Mr. Charles Lapin, ARCO Products Company

Mr. John Meck, ARCO Products Company

Ms. Juliett Shin, Alameda County Health Care Services



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 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 the groundwater sampling to test for gasoline in the water. The samples were collected on June 17, 1993 and submitted to the laboratory for analysis of total petroleum hydrocarbons calculated as gasoline (TPH-g) and benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) in groundwater.

The groundwater samples collected from your well did not contain any dissolved concentrations of TPH-g or BTEX compounds. Groundwater analytical data are presented in Table 1.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser

Senior Geologist

**CEG 1293** 

Table 1 - Groundwater Analytical Data -Attachments:

Total Petroleum Hydrocarbons

(TPH as Gasoline and BTEX Compounds)

Mr. Michael Whelan, ARCO Products Company

Mr. Chris Winsor, ARCO Products Company Mr. Charles Lapin, ARCO Products Company

Mr. John Meck, ARCO Products Company

Ms. Juliett Shin, Alameda County Health Care Services

#### 17393 Via Magdalena San Lorenzo, California

Well Address	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
17393 VM	11/13/91	31	<0.3	<0.3	<0.3	<0.3
	12/18/92	<50	<0.5	<0.5	<0.5	<0.5
	03/16/93	<50	<0.5	< 0.5	<0.5	<0.5
l	06/17/93	<50	<0.5	<0.5	<0.5	<0.5

ppb = Parts per billion

< = Denotes laboratory detection limit



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 the results of the sampling of the irrigation water-supply well 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 the groundwater sampling to test for gasoline in the water. The groundwater samples were collected on June 17, 1993, and were submitted to a laboratory to be analyzed for total petroleum hydrocarbons calculated as gasoline (TPH-g) and benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) in groundwater.

Laboratory analysis of the groundwater sample collected from your well on June 17, 1993 has detected TPH-g at a concentration of 140 parts per billion (ppb). This compound is indicative of gasoline. Groundwater analytical data are presented in Table 1.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser

Senior Geologist

**CEG 1293** 

Attachments: Table 1 - Groundwater Analytical Data -

Total Petroleum Hydrocarbons

(TPH as Gasoline and BTEX Compounds)

cc: Mr. Michael Whelan, ARCO Products Company

Mr. Chris Winsor, ARCO Products Company

Mr. Charles Lapin, ARCO Products Company

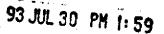
Mr. John Meck, ARCO Products Company Ms. Juliett Shin, Alameda County Health Care Services

#### 17372 Via Magdalena San Lorenzo, California

Well Address	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
17372 VM	09/27/91	300	5.5	<0.60	1.3	0.72
	10/14/92	220	<1.0	<1.0	<1.0	<1.0
	12/18/92	290	3.8	0.88	0.99	1.2
	03/16/93	110	<0.5	< 0.5	<0.5	<0.5
	06/17/93	146	<0.5	1.3	0.63	1.1

ppb = Parts per billion

= Denotes laboratory detection limit





Mr. Forrest Adams Calvary Church and School 17200 Via Magdalena San Lorenzo, California 94580

Re: Groundwater Analytical Results

17200 Via Magdalena San Lorenzo, California

Dear Mr. Adams:

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 the groundwater sampling to test for gasoline in the water. The sample was collected on June 16, 1993 and was submitted to the laboratory for analysis of total petroleum hydrocarbons calculated as gasoline (TPH-g) and benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) in groundwater.

The groundwater sample collected from your well did not contain any dissolved concentrations of TPH-g or BTEX compounds. Groundwater analytical data are presented in Table 1.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser

Senior Geologist

**CEG 1293** 

Attachments: Table 1 - Groundwater Analytical Data -

Total Petroleum Hydrocarbons

(TPH as Gasoline and BTEX Compounds)

cc: Mr. Michael Whelan, ARCO Products Company

Mr. Chris Winsor, ARCO Products Company Mr. Charles Lapin, ARCO Products Company

Mr. John Meck, ARCO Products Company

Ms. Juliett Shin, Alameda County Health Care Services

#### 17200 Via Magdalena San Lorenzo, California

Well Address	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
17200 VM	11/13/91	440	2.7	<0.3	<0.3	. 12
	12/18/92	160	1.4	<0.5	<0.5	3.4
	03/16/93	<50	<0.5	< 0.5	<0.5	<0.5
	06/16/93	<50	<0.5	<0.5	<0.5	<0.5

Parts per billionDenotes laboratory detection limit



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 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 the groundwater sampling to test for gasoline in the water. The samples were collected on June 17, 1993 and submitted to the laboratory for analysis of total petroleum hydrocarbons calculated as gasoline (TPH-g) and benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) in groundwater.

The groundwater samples collected from your well did not contain any dissolved concentrations of TPH-g or BTEX compounds. Groundwater analytical data are presented in Table 1.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser

Senior Geologist

**CEG 1293** 

Table 1 - Groundwater Analytical Data -Attachments:

Total Petroleum Hydrocarbons

(TPH as Gasoline and BTEX Compounds)

cc: Mr. Michael Whelan, ARCO Products Company Mr. Chris Winsor, ARCO Products Company

Mr. Charles Lapin, ARCO Products Company

Mr. John Meck, ARCO Products Company
Ms. Juliett Shin, Alameda County Health Care Services

#### 642 Hacienda Avenue San Lorenzo, California

Well Address	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
642 H	11/13/91	<30	<0.3	<0.3	<0.3	<0.3
	10/16/92	<50	<0.5	< 0.5	<0.5	<0.5
	12/21/92	<50	<0.5	<0.5	<0.5	<0.5
	03/16/93	<50	<0.5	< 0.5	<0.5	<0.5
	06/17/93	<50	<0.5	<0.5	<0.5	<0.5

ppb = Parts per billion

< = Denotes laboratory detection limit



Mr. Tahnann 633 Hacienda Avenue San Lorenzo, California 94580

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

Dear Mr. Tahnann:

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 the groundwater sampling to test for gasoline in the water. The sample was collected on June 17, 1993 and submitted to the laboratory for analysis of total petroleum hydrocarbons calculated as gasoline (TPH-g) and benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) in groundwater.

The groundwater sample collected from your well did not contain any dissolved concentrations of TPH-g or BTEX compounds. Groundwater analytical data are presented in Table 1.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser

Senior Geologist

**CEG 1293** 

Attachments: Table 1 - Groundwater Analytical Data -

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Total Petroleum Hydrocarbons

(TPH as Gasoline and BTEX Compounds)

cc: Mr. Michael Whelan, ARCO Products Company

Mr. Chris Winsor, ARCO Products Company Mr. Charles Lapin, ARCO Products Company

Mr. John Meck, ARCO Products Company

Ms. Juliett Shin, Alameda County Health Care Services

#### 633 Hacienda Avenue San Lorenzo, California

Weli Address	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
633 H	12/21/92	<50	<0.5	<0.5	<0.5	<0.5
	03/16/93	<50	<0.5	< 0.5	<0.5	<0.5
	06/17/93	<50	<0.5	< 0.5	<0.5	<0.5

= Denotes laboratory detection limit



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 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 the groundwater sampling to test for gasoline in the water. The samples were collected on June 17, 1993 and submitted to the laboratory for analysis of total petroleum hydrocarbons calculated as gasoline (TPH-g) and benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) in groundwater.

The groundwater samples collected from your well did not contain any dissolved concentrations of TPH-g or BTEX compounds. Groundwater analytical data are presented in Table 1.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser

Senior Geologist

**CEG 1293** 

Table 1 - Groundwater Analytical Data -Attachments:

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Total Petroleum Hydrocarbons

(TPH as Gasoline and BTEX Compounds)

cc: Mr. Michael Whelan, ARCO Products Company Mr. Chris Winsor, ARCO Products Company

Mr. Charles Lapin, ARCO Products Company Mr. John Meck, ARCO Products Company

Ms. Juliett Shin, Alameda County Health Care Services

#### 590 Hacienda Avenue San Lorenzo, California 94580

Well Address	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
590 H	11/13/91	<30	<0.3	<0.3	<0.3	<0.3
•••	10/14/92	<50	<0.5	<0.5	<0.5	<0.5
	12/21/92	<50	<0.5	< 0.5	<0.5	<0.5
	03/16/93	<50	<0.5	<0.5	<0.5	<0.5
	06/17/93	<50	<0.5	<0.5	<0.5	<0.5

ppb = Parts per billion

< = Denotes laboratory detection limit



Mr. Gerald Luehrs 17348 Via Encinas San Lorenzo, California 94580

Re: Groundwater Analytical Results 17348 Via Encinas San Lorenzo, California

#### Dear Mr. Luehrs:

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 the groundwater sampling to test for gasoline in the water. The sample was collected on June 16, 1993 and submitted to the laboratory for analysis of total petroleum hydrocarbons calculated as gasoline (TPH-g) and benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) in groundwater.

The groundwater sample collected from your well did not contain any dissolved concentrations of TPH-g or BTEX compounds. Groundwater analytical data are presented in Table 1.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser

Senior Geologist

**CEG 1293** 

Attachments: Table 1 - Groundwater Analytical Data -

Total Petroleum Hydrocarbons

(TPH as Gasoline and BTEX Compounds)

cc: Mr. Michael Whelan, ARCO Products Company Mr. Chris Winsor, ARCO Products Company

Mr. Charles Lapin, ARCO Products Company

Mr. John Meck, ARCO Products Company

Ms. Juliett Shin, Alameda County Health Care Services

#### 17348 Via Encinas San Lorenzo, California

Well Address	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
17348 VM	12/21/92	<50	<0.5	<0.5	<0.5	<0.5
	03/16/93	<50	<0.5	<0.5	<0.5	<0.5
	06/16/93	<50	<0.5	< 0.5	<0.5	<0.5

ppb = Parts per billion

< = Denotes laboratory detection limit



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 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 the groundwater sampling to test for gasoline in the water. The sample was collected on June 17, 1993 and was submitted to the laboratory for analysis of total petroleum hydrocarbons calculated as gasoline (TPH-g) and benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) in groundwater.

The groundwater sample collected from your well did not contain any dissolved concentrations of TPH-g or BTEX compounds. Groundwater analytical data are presented in Table 1.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser

Senior Geologist

**CEG 1293** 

Attachments: Table 1 - Groundwater Analytical Data -

Total Petroleum Hydrocarbons

(TPH as Gasoline and BTEX Compounds)

Mr. Michael Whelan, ARCO Products Company

Mr. Chris Winsor, ARCO Products Company Mr. Charles Lapin, ARCO Products Company

Mr. John Meck, ARCO Products Company

Ms. Juliett Shin, Alameda County Health Care Services

#### 17203 Via Magdalena San Lorenzo, California

Well Address	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
17203 VM	11/13/91	<30	<0.3	<0.3	<0.3	<0.3
	12/21/92	<50	<0.5	<0.5	<0.5	1.3
	03/16/93	<50	<0.5	<0.5	<0.5	<0.5
1	06/17/93	<50	<0.5	< 0.5	<0.5	<0.5

ppb = Parts per billion

= Denotes laboratory detection limit



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

Re: Groundwater Analytical Results

17302 Via Magdalena San Lorenzo, California

Dear Mr. Johansen:

On behalf of ARCO Products Company (ARCO), Pacific Environmental Group, Inc. (PACIFIC) attempted to sample the groundwater from the domestic irrigation well located on your property during June 1993. Your well was not sampled due to inoperable pump equipment. PACIFIC would like to express their gratitude for your cooperation in the completion of this project.

It is ARCO's and PACIFIC's understanding that your well is not being used presently, and was previously used only for irrigation purposes. Also, we understand that the well will be repaired by you prior to the next sampling event in September 1993, and that PACIFIC may sample the well at that time.

Sincerely,

Pacific Environmental Group, Inc.

Debra J. Moser Senior Geologist

**CEG 1293** 

Attachments: Table 1 - Groundwater Analytical Data -

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Total Petroleum Hydrocarbons

(TPH as Gasoline and BTEX Compounds)

Mr. Michael Whelan, ARCO Products Company

Mr. Chris Winsor, ARCO Products Company Mr. Charles Lapin, ARCO Products Company

Mr. John Meck, ARCO Products Company

Ms. Juliett Shin, Alameda County Health Care Services

#### 17302 Via Magdalena San Lorenzo, California

Well Address	Date Sampled	TPH as Gasoline (ppb)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)
17302 VM	10/21/91	72	0.64	< 0.3	0.44	<0.3
	12/21/92	<50	<0.5	<0.5	<0.5	<0.5
-	03/16/93	<50	<0.5	<0.5	<0.5	<0.5
	06/17/93	NS	NS	NS	NS	NS

ppb = Parts per billion

< = Denotes laboratory detection limit.

NS = Not sampled (well pump inoperable)