

C A M B R I A

ENVIRONMENTAL
PROTECTION

00 JUL 19 AM 9:48

July 14, 2000

Ms. eva chu
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: ARCO Service Station #6041
7249 Village Parkway
Dublin, California
Cambria Project #436-1610



Dear Ms. chu:

On behalf of ARCO Products Company (ARCO), Cambria Environmental Technology, Inc. (Cambria) is submitting this response to the Alameda County Health Care Services Agency's (ACHCSA) June 13, 2000 correspondence. Following is our response to specific items addressed in the ACHCSA letter.

Item #1: Evaluate all monitoring records to determine if the UST system is tight: The UST system at this site is monitored manually by the station owner/operator. Ustman Technologies Inc. of Lakewood Colorado (Ustman) performs monthly statistical analysis of the manual inventory records provided by the owner/operator. Ustman's Statistical Inventory Reconciliation (SIR) Reports for 1999 through March 2000 are included in Attachment A. **The SIR reports indicate the UST system passes all statistical reconciliation analysis for all of 1999 through March 2000.** Records for May June and July 2000 were not yet available from Ustman. For questions regarding the Ustman SIR reports please contact Ustmans' Regulatory Consultant Cliff Miller at (800) 253-8054.

Item #2, Quarterly monitoring of wells MW-1, MW-3 and VE-2 for MTBE should be reinstated: Monitoring wells MW-1, MW-3 and VW-2 will be sampled quarterly beginning in the third quarter of 2000. Groundwater samples will be analyzed for TPHg, BTEX and MTBE by EPA Method 8015M/8020M. *Also do 8260 for other organics*

Item #3, Off-site groundwater monitoring wells are required. A workplan for this phase of the investigation is due by August 18, 2000: Per our phone conversation on July 14, 2000, Cambria and Paul Supple will meet with you on July 25th, 2000 at 10:30 a.m. to discuss your request for additional downgradient monitoring wells.

Oakland, CA
San Ramon, CA
Sonoma, CA
Portland, OR

**Cambria
Environmental
Technology, Inc.**

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

C A M B R I A

Ms. eva chu
July 14, 2000

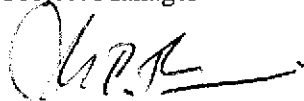
CLOSING

Please call Darryk Ataide at (510) 420-3339 if you have any questions or comments. Thank you for your assistance.

Sincerely,
Cambria Environmental Technology, Inc.



Darryk Ataide, REA I
Project Manager



Joseph P. Theisen, C.E.G.
Principal Hydrogeologist

Attachments: A – Statistical Inventory Reconciliation (SIR) Reports

cc: Paul Supple, ARCO Products Company, P.O. Box 6549 Moraga, California 94570

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ATTACHMENT A
Statistical Inventory Reconciliation (SIR) Reports

Results of U.S. EPA Standard Evaluation Statistical Inventory Reconciliation Method

This form tells whether the statistical inventory reconciliation (SIR) method described below complies with requirements of the federal underground storage tank regulation. The evaluation was conducted by the vendor of the SIR method or a consultant to the vendor according to the U.S. EPA's "Standard Test Procedure for Evaluation Leak Detection Methods: Statistical Inventory Reconciliation Methods." The full evaluation report also includes a form describing the method and a form summarizing the test data.

Tank owners using this leak detection system should keep this form on file to prove compliance with the federal regulations. Tank owners should check with State and local agencies to make sure this form satisfies their requirements.

Method Description

Name USTMAN SIR
 Version USTMAN SIR 95.2A
 Vendor USTMAN Industries, Inc.
12265 West Bayaud Avenue, Suite 110
(street address)
Lakewood, CO 80228 (800) 253-8054
(city) (state) (zip) (phone)

Evaluation Results

If applicable, vendor's threshold = 0.10 gallon per hour
 or vendor's criterion: _____

This statistical inventory reconciliation method reports results on the following basis (check one):

- quantitative results (leak rate reported)
- qualitative results (pass, fail, inconclusive)

The test results are:

	Tight	Leak	Reported Results*		Not Analyzed
			Inconclusive	Total Analyzed	
Actual					
Induced Leak					
Total					

* Table not applicable to quantitative systems.

SIR Method USTMAN SIR
Version USTMAN SIR 95.2A

Evaluation Results (continued)

The proportions of inventory records reported inconclusive are:

- 0 % among tight tanks (see note below)
- 0 % among leaking tanks
- 0 % among all tanks

The probability of false alarms, P(FA), based on the vendor's threshold, is 0.1 %

For qualitative methods, a 95% confidence interval for P(FA) is from _____ to _____ %.

The probability of detection, P(D) is 99.9 %. This is valid for a leak rate of (check one):

- () 0.10 gallon per hour
- (X) 0.20 gallon per hour

For qualitative methods, a 95% confidence interval for P(D) is from _____ to _____ %.

Based on these results, the method (X) does () does not meet the federal performance standards established by the U.S. Environmental Protection Agency of 0.20 gallon per hour at P(D) of 95% and P(FA) of 5%.

Test Conditions During Evaluation

The data evaluation set included data from tanks of the following sizes

Tank Size (gallons)	<5,000	5,000-10,000	10,000-15,000	>15,000*	Total # Records
Number of Records	0	0	0	41	41

*Total volumes of manifolded systems ranged from 20,000 to 30,000 gallons.

The tanks had various monthly throughputs.

Percentile of Records	25	50 (median)	75
Monthly throughput (gallons)	13,058	15,483	25,391

The data included 9 records during hot weather months.
23 records during mild weather months.
9 records during cold weather months.

SIR Method USTMAN SIR
Version USTMAN SIR 95.2A

Limitations on the Results

The performance estimates above are only valid when:

- The method has not been substantially changed.
 - The vendor's instructions for using the method are followed.
 - The manifolded tank system is no larger than 60,000 gallons.
 - The data records cover 30 days or more.
 - The method is based on single or manifolded tank systems.
 - Other limitations specified by the vendor or determined during testing:
-
-

>Safety disclaimer: This test procedure only addresses the issue of the method's ability to detect leaks. It does not test data recording equipment for safety hazards.

Certification of Results

I certify that the statistical inventory reconciliation method was applied according to the vendor's instructions. I also certify that the evaluation was performed according to the standard EPA test procedure for statistical inventory reconciliation and that the results presented above are those obtained during the evaluation.

H. Kendall Wilcox, President
(printed name)

H. Kendall Wilcox
(signature)

December 12, 1995
(date)

Ken Wilcox Associates, Inc.
(organization performing evaluation)

Independence, MO 64055
(city, state, zip)

(816) 795-7997
(phone number)



ARC9

USTMAN SIR SYSTEM

TANK SYSTEM MONTHLY MONITORING STATUS REPORT - ALL TANKS

ARCO #6041

05/01/2000

March, 2000

STATION

TANKS AND SYSTEM STATUS

1

01-P

02-P

03-P

SUM OF TANKS THROUGH THIS PAGE	3
NUMBER OF PASS (P) =	3
NUMBER OF FAIL (*F*) =	0
NUMBER OF INCONCLUSIVE (INC) =	0
NUMBER OF NO DATA (ND) =	0

Analyzed by: Rad S. Carter
Sales representative: HUGH HATTON-WARD

Voice 303/986-8011
800/253-8054
Fax 303/986-8227

12265 West Bayaud Ave.
Suite 300
Lakewood, CO 80228

ARC9

CUMULATIVE SIR MONTHLY REPORT Apr, 1999 - Mar, 2000

ARCO #6041

LEGEND -->

P - PASS

F - FAIL

INC - INCONCLUSIVE

ND - NO DATA SUBMITTED

TANK	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
101					P	P	P	P	P	P	P	P
102					P	P	P	P	P	P	P	P
103					P	P	P	P	P	P	P	P

USTMAN SIR SYSTEM ARC9
 Monthly Statistical Inventory Reconciliation (SIR) Report

STATION NAME: ARCO AM PM MINIMART #6041		STATION #: 1
COMPANY NAME: ARCO #6041		
ADDRESS: 7249 VILLAGE PARKWAY		
CITY: DUBLIN		ZIP: 94568
State: CA		PHONE:
COUNTY: ALAMEDA		REGISTRATION ID:
PERIOD ANALYZED: MARCH, 2000		
DATE OF REPORT: 05/01/2000		

PART A:

Tank ID:	Tank & Lines Leak Status:	Rate	MDL	Product:	Capacity	Dels:	Sales:
01	PASS	0.05	0.17	UNLEADED	12000	372363	365581
02	PASS	-0.02	0.08	MIDGRADE	12000	42656	39472
03	PASS	-0.04	0.09	PREMIUM	12000	26693	26992

USTMAN INDUSTRIES INC. is a certified Statistical Inventory Reconciliation (SIR) release detection vendor. Tank status results for monthly monitoring are based on parameters specified by the EPA protocol for SIR methods.

PART B:

O/S listed below represent removals, additions or delivery discrepancies which were accounted for as part of the SIR analysis.

Tank ID: Comments and Recommendations:

01 Slight gaining trend. Verify meters are calibrated as close to zero as possible. Please be sure frequent water checks are made and documented for this tank.
 {3/1/2000:DEL 160} {3/17/2000:DEL 181} {3/18/2000:DEL 141}

02 {3/14/2000: -177} {3/16/2000: 137}

03 {3/1/2000: -149} {3/4/2000: 247} {3/27/2000: -116}
 {3/31/2000: -119}



ARC9

USTMAN SIR SYSTEM

TANK SYSTEM MONTHLY MONITORING STATUS REPORT - ALL TANKS

ARCO #6041

03/08/2000

February, 2000

STATION	TANKS AND SYSTEM STATUS		
-----	-----	-----	-----
I	01-P	02-P	03-P

SUM OF TANKS THROUGH THIS PAGE	3
NUMBER OF PASS (P) =	3
NUMBER OF FAIL (*F*) =	0
NUMBER OF INCONCLUSIVE (INC) =	0
NUMBER OF NO DATA (ND) =	0

Analyzed by: Rad Carter
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 Lakewood, CO 80228



ARC9

USTMAN SIR SYSTEM

TANK SYSTEM MONTHLY MONITORING STATUS REPORT - ALL TANKS

ARCO #6041

03/08/2000

January, 2000

STATION	TANKS AND SYSTEM STATUS		
-----	-----	-----	-----
1	01-P	02-P	03-P

SUM OF TANKS THROUGH THIS PAGE	3
NUMBER OF PASS (P) =	3
NUMBER OF FAIL (*F*) =	0
NUMBER OF INCONCLUSIVE (INC) =	0
NUMBER OF NO DATA (ND) =	0

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12265 West Bayaud Ave.
 Suite 110
 Lakewood, CO 80226

ARC9

CUMULATIVE SIR MONTHLY REPORT Mar, 1999 - Feb, 2000

ARCO #6041

LEGEND -->

P - PASS

F - FAIL

INC - INCONCLUSIVE

ND - NO DATA SUBMITTED

TANK	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
101						P	P	P	P	P	P	P
102						P	P	P	P	P	P	P
103						P	P	P	P	P	P	P

CUMULATIVE SIR MONTHLY REPORT Feb, 1999 - Jan, 2000

ARC9

ARCO #6041

LEGEND -->

P - PASS

F - FAIL

INC - INCONCLUSIVE

ND - NO DATA SUBMITTED

TANK	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
101							P	P	P	P	P	P
102							P	P	P	P	P	P
103							P	P	P	P	P	P

USTMAN SIR SYSTEM
Monthly Statistical Inventory Reconciliation (SIR) Report

ARC9

STATION NAME: ARCO AM PM MINIMART #6041		STATION #: 1
COMPANY NAME: ARCO #6041		
ADDRESS: 7249 VILLAGE PARKWAY		
CITY: DUBLIN	ZIP: 94568	
State: CA	PHONE:	
COUNTY: ALAMEDA	REGISTRATION ID:	
PERIOD ANALYZED: FEBRUARY, 2000		
DATE OF REPORT: 03/08/2000		

PART A:

Tank ID:	Tank & Lines Leak Status:	Rate	MDL	Product:	Capacity	Dels:	Sales:
01	PASS	-0.05	0.09	UNLEADED	12000	314738	321804
02	PASS	0.00	0.07	MIDGRADE	12000	37831	39006
03	PASS	0.01	0.08	PREMIUM	12000	26703	26455

USTMAN INDUSTRIES INC. is a certified Statistical Inventory Reconciliation (SIR) release detection vendor. Tank status results for monthly monitoring are based on parameters specified by the EPA protocol for SIR methods.

PART B:

O/S listed below represent removals, additions or delivery discrepancies which were accounted for as part of the SIR analysis.

Tank ID: Comments and Recommendations:

01 {2/2/2000:DEL 184} {2/4/2000:DEL -100} {2/29/2000:DEL -244}

02 {2/9/2000:DEL 243} {2/10/2000:DEL -309} {2/28/2000:DEL 171}

03 {2/25/2000:DEL -425} {2/26/2000:DEL 481}

USTMAN SIR SYSTEM
Monthly Statistical Inventory Reconciliation (SIR) Report

ARC9

STATION NAME: ARCO AM PM MINIMART #6041		STATION #: 1
COMPANY NAME: ARCO #6041		
ADDRESS: 7249 VILLAGE PARKWAY		
CITY: DUBLIN	ZIP: 94568	
State: CA	PHONE:	
COUNTY: ALAMEDA	REGISTRATION ID:	
PERIOD ANALYZED: JANUARY, 2000		
DATE OF REPORT: 03/08/2000		

PART A:

Tank ID:	Tank & Lines Leak Status:	Rate	MDL	Product:	Capacity	Dels:	Sales:
01	PASS	0.06	0.08	UNLEADED	12000	314376	311036
02	PASS	-0.07	0.06	MIDGRADE	12000	36908	36117
03	PASS	0.01	0.06	PREMIUM	12000	28204	26886

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PART B:

O/S listed below represent removals, additions or delivery discrepancies which were accounted for as part of the SIR analysis.

Tank ID: Comments and Recommendations:

01 {1/1/2000:DEL -262} {1/6/2000:DEL -114} {1/8/2000:DEL 440}
 {1/13/2000:DEL -259} {1/14/2000:DEL 175} {1/22/2000:DEL -210}
 {1/27/2000:DEL 267}

02 {1/14/2000:DEL -106} {1/21/2000:DEL 212} {1/22/2000: -315}
 {1/26/2000:DEL 189}

03 {1/1/2000:DEL -232}



ARC9

USTMAN SIR SYSTEM

TANK SYSTEM MONTHLY MONITORING STATUS REPORT - ALL TANKS

ARCO #6041

02/02/2000

December, 1999

STATION	TANKS AND SYSTEM STATUS		
-----	-----	-----	-----
1	01-P	02-P	03-P

SUM OF TANKS THROUGH THIS PAGE	3
NUMBER OF PASS (P) =	3
NUMBER OF FAIL (*F*) =	0
NUMBER OF INCONCLUSIVE (INC) =	0
NUMBER OF NO DATA (ND) =	0

Analyzed by: Kevin Acker
 Sales representative: HUGH HATTON-WARD

NUMBER OF TANKS THROUGH THIS PAGE (P) = 3
 NUMBER OF TANKS THROUGH THIS PAGE (F) = 0
 NUMBER OF TANKS THROUGH THIS PAGE (INC) = 0
 NUMBER OF TANKS THROUGH THIS PAGE (ND) = 0

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 Fax 303/986-8227

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 Suite 110
 Lakewood, CO 80228

ARC9

CALIFORNIA ANNUAL STATISTICAL INVENTORY RECONCILIATION (SIR) SUMMARY REPORT
County: ALAMEDA Year: 1999

Facility Name: ARCO AM PM MINIMART #6041 Owner: ARCO #6041

Address: 7249 VILLAGE PARKWAY City: DUBLIN Zip: 94568
Tank I.D. 101 Capacity: 12000 Product: UNLEADED

Last Tank Test / /	Pass/Fail	Last Leak Detector Check / /	Pass/Fail
Last Piping Test / /	Pass/Fail	Last Meter Calib. Check / /	Pass/Fail

All monthly SIR results for the above mentioned tank at the above facility were "Pass" for the twelve month period from January 1999 to December 1999.

Monthly SIR results showing "Fail" or "Inconclusive" occurred on the following months, in the listed amounts, for the above UST. If the SIR result for a month exceeded the SIR method's threshold or was "Inconclusive" appropriate corrective actions described in Section 2646.1 must be taken. The local agency must be notified within 24 hours of receiving a "Failed" or "Inconclusive" SIR report.

Summary of test results from monthly SIR reports.

Month/Year	Leak Threshold (gph)	Minimum Detectable Leak Rate (gph)	Calculated Leak Rate (gph)	Pass, Fail Inconclusive	Specify Follow-up Actions
1/1999	0.10	0.000	0.000		
2/1999	0.10	0.000	0.000		
3/1999	0.10	0.000	0.000		
4/1999	0.10	0.000	0.000		
5/1999	0.10	0.000	0.000		
6/1999	0.10	0.000	0.000		
7/1999	0.10	0.000	0.000		
8/1999	0.10	0.130	-0.020	PASS	
9/1999	0.10	0.100	-0.010	PASS	
10/1999	0.10	0.120	0.000	PASS	
11/1999	0.10	0.080	0.030	PASS	
12/1999	0.10	0.070	-0.080	PASS	

SIR PROVIDER: USTMAN INDUSTRIES, INC.
12265 W. BAYAUD AVE.
SUITE 110 LAKEWOOD, CO 80228
PH: 303/986-8011 FAX: 303/986-8227

SIR VERSION: 95.2a

I certify under penalty of perjury that all SIR results listed above are as calculated.

Signature of Tank Owner/Operator of Agent

Date

ARC9

CALIFORNIA ANNUAL STATISTICAL INVENTORY RECONCILIATION (SIR) SUMMARY REPORT
County: ALAMEDA Year: 1999

Facility Name: ARCO AM PM MINIMART #6041			Owner: ARCO #6041		
Address: 7249 VILLAGE PARKWAY		City: DUBLIN		Zip: 94568	
Tank I.D. 102		Capacity: 12000		Product: MIDGRADE	
Last Tank Test / /		Pass/Fail		Last Leak Detector Check / /	
Last Piping Test / /		Pass/Fail		Last Meter Calib. Check / /	
				Pass/Fail	
				Pass/Fail	

- All monthly SIR results for the above mentioned tank at the above facility were "Pass" for the twelve month period from January 1999 to December 1999.
- Monthly SIR results showing "Fail" or "Inconclusive" occurred on the following months, in the listed amounts, for the above UST. If the SIR result for a month exceeded the SIR method's threshold or was "Inconclusive" appropriate corrective actions described in Section 2646.1 must be taken. The local agency must be notified within 24 hours of receiving a "Failed" or "Inconclusive" SIR report.

Summary of test results from monthly SIR reports.

Month/Year	Leak Threshold (gph)	Minimum Detectable Leak Rate (gph)	Calculated Leak Rate (gph)	Pass, Fail Inconclusive	Specify Follow-up Actions
1/1999	0.10	0.000	0.000		
2/1999	0.10	0.000	0.000		
3/1999	0.10	0.000	0.000		
4/1999	0.10	0.000	0.000		
5/1999	0.10	0.000	0.000		
6/1999	0.10	0.000	0.000		
7/1999	0.10	0.000	0.000		
8/1999	0.10	0.080	-0.050	PASS	
9/1999	0.10	0.070	0.000	PASS	
10/1999	0.10	0.060	-0.020	PASS	
11/1999	0.10	0.080	-0.050	PASS	
12/1999	0.10	0.090	-0.020	PASS	

SIR PROVIDER: USTMAN INDUSTRIES, INC.
12265 W. BAYAUD AVE.
SUITE 110 LAKEWOOD, CO 80228
PH: 303/986-8011 FAX: 303/986-8227

SIR VERSION: 95.2a

I certify under penalty of perjury that all SIR results listed above are as calculated.

Signature of Tank Owner/Operator of Agent

Date

ARC9

CALIFORNIA ANNUAL STATISTICAL INVENTORY RECONCILIATION (SIR) SUMMARY REPORT
 County: ALAMEDA Year: 1999

Facility Name: ARCO AM PM MINIMART #6041 Owner: ARCO #6041					
Address: 7249 VILLAGE PARKWAY		City: DUBLIN		Zip: 94568	
Tank I.D. 103		Capacity: 12000		Product: PREMIUM	
Last Tank Test / / Pass/Fail		Last Leak Detector Check / /		Pass/Fail	
Last Piping Test / / Pass/Fail		Last Meter Calib. Check / /		Pass/Fail	

- All monthly SIR results for the above mentioned tank at the above facility were "Pass" for the twelve month period from January 1999 to December 1999.
- Monthly SIR results showing "Fail" or "Inconclusive" occurred on the following months, in the listed amounts, for the above UST. If the SIR result for a month exceeded the SIR method's threshold or was "Inconclusive" appropriate corrective actions described in Section 2646.1 must be taken. The local agency must be notified within 24 hours of receiving a "Failed" or "Inconclusive" SIR report.

Summary of test results from monthly SIR reports.

Month/Year	Leak Threshold (gph)	Minimum Detectable Leak Rate (gph)	Calculated Leak Rate (gph)	Pass, Fail Inconclusive	Specify Follow-up Actions
1/1999	0.10	0.000	0.000		
2/1999	0.10	0.000	0.000		
3/1999	0.10	0.000	0.000		
4/1999	0.10	0.000	0.000		
5/1999	0.10	0.000	0.000		
6/1999	0.10	0.000	0.000		
7/1999	0.10	0.000	0.000		
8/1999	0.10	0.050	-0.020	PASS	
9/1999	0.10	0.080	-0.020	PASS	
10/1999	0.10	0.080	0.000	PASS	
11/1999	0.10	0.100	0.000	PASS	
12/1999	0.10	0.060	-0.050	PASS	

SIR PROVIDER: USTMAN INDUSTRIES, INC.
 12265 W. BAYAUD AVE.
 SUITE 110 LAKEWOOD, CO 80228
 PH: 303/986-8011 FAX: 303/986-8227

SIR VERSION: 95.2a

I certify under penalty of perjury that all SIR results listed above are as calculated.

Signature of Tank Owner/Operator of Agent

Date

ARC9

CUMULATIVE SIR MONTHLY REPORT Jan, 1999 - Dec, 1999

ARCO #6041

LEGEND -->

P - PASS

F - FAIL

INC - INCONCLUSIVE

ND - NO DATA SUBMITTED

TANK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
101								P	P	P	P	P
102								P	P	P	P	P
103								P	P	P	P	P

USTMAN SIR SYSTEM
Monthly Statistical Inventory Reconciliation (SIR) Report

ARC9

STATION NAME: ARCO AM PM MINIMART #6041		STATION #: 1
COMPANY NAME: ARCO #6041		
ADDRESS: 7249 VILLAGE PARKWAY		
CITY: DUBLIN		ZIP: 94568
State: CA		PHONE:
COUNTY: ALAMEDA		REGISTRATION ID:
PERIOD ANALYZED: DECEMBER, 1999		
DATE OF REPORT: 02/02/2000		

PART A:

Tank ID:	Tank & Lines Leak Status:	Rate	MDL	Product:	Capacity	Dels:	Sales:
01	PASS	-0.08	0.07	UNLEADED	12000	350069	353605
02	PASS	-0.02	0.09	MIDGRADE	12000	43911	44099
03	PASS	-0.05	0.06	PREMIUM	12000	28655	29346

USTMAN INDUSTRIES INC. is a certified Statistical Inventory Reconciliation (SIR) release detection vendor. Tank status results for monthly monitoring are based on parameters specified by the EPA protocol for SIR methods.

PART B:

O/S listed below represent removals, additions or delivery discrepancies which were accounted for as part of the SIR analysis.

Tank ID: Comments and Recommendations:

01 {12/5/1999:DEL 261} {12/23/1999:DEL -761} {12/30/1999:DEL -290}

02 {12/8/1999:DEL 210} {12/9/1999: -148} {12/28/1999:DEL 108}
 {12/31/1999:DEL 117}

03 No comments.



ARC9

USTMAN SIR SYSTEM

TANK SYSTEM MONTHLY MONITORING STATUS REPORT - ALL TANKS

ARCO #6041

11/10/1999

August, 1999

STATION	TANKS AND SYSTEM STATUS		
-----	-----		
1	01-P	02-P	03-P

SUM OF TANKS THROUGH THIS PAGE	3
NUMBER OF PASS (P) =	3
NUMBER OF FAIL (*F*) =	0
NUMBER OF INCONCLUSIVE (INC) =	0
NUMBER OF NO DATA (ND) =	0

Analyzed by: Kevin Acker
Sales representative: HUGH HATTON-WARD

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Fax 303/986-8227

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Suite 110
Lakewood, CO 80228



ARC9

USTMAN SIR SYSTEM

TANK SYSTEM MONTHLY MONITORING STATUS REPORT - ALL TANKS

ARCO #6041

11/10/1999

October, 1999

STATION TANKS AND SYSTEM STATUS

1 01-P 02-P 03-P

SUM OF TANKS THROUGH THIS PAGE	3
NUMBER OF PASS (P) =	3
NUMBER OF FAIL (*F*) =	0
NUMBER OF INCONCLUSIVE (INC) =	0
NUMBER OF NO DATA (ND) =	0

Analyzed by: Kevin Acker
Sales representative: HUGH HATTON-WARD

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Lakewood, CO 80228



ARC9

USTMAN SIR SYSTEM

TANK SYSTEM MONTHLY MONITORING STATUS REPORT - ALL TANKS

ARCO #6041

11/10/1999

September, 1999

STATION	TANKS AND SYSTEM STATUS		
-----	-----	-----	-----

1	01-P	02-P	03-P
---	------	------	------

SUM OF TANKS THROUGH THIS PAGE	3
NUMBER OF PASS (P) =	3
NUMBER OF FAIL (*F*) =	0
NUMBER OF INCONCLUSIVE (INC) =	0
NUMBER OF NO DATA (ND) =	0

Analyzed by: Kevin Acker
 Sales representative: HUGH HATTON-WARD

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12265 West Bayaud Ave.
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 Lakewood, CO 80228

ARC9

CUMULATIVE SIR MONTHLY REPORT Sep, 1998 - Aug, 1999

ARCO #6041

LEGEND -->	P - PASS	*F* - FAIL
	INC - INCONCLUSIVE	ND - NO DATA SUBMITTED

TANK	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
101												P
102												P
103												P

ARC9

CUMULATIVE SIR MONTHLY REPORT Nov, 1998 - Oct, 1999

ARCO #6041

LEGEND -->

P - PASS

F - FAIL

INC - INCONCLUSIVE

ND - NO DATA SUBMITTED

TANK	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
101										P	P	P
102										P	P	P
103										P	P	P

USTMAN SIR SYSTEM ARC9
 Monthly Statistical Inventory Reconciliation (SIR) Report

STATION NAME: ARCO AM PM MINIMART #6041		STATION #: 1
COMPANY NAME: ARCO #6041		
ADDRESS: 7249 VILLAGE PARKWAY		
CITY: DUBLIN		ZIP: 94568
State: CA		PHONE:
COUNTY: ALAMEDA		REGISTRATION ID:
PERIOD ANALYZED: AUGUST, 1999		
DATE OF REPORT: 11/10/1999		

PART A:

Tank ID:	Tank & Lines Leak Status:	Rate	MDL	Product:	Capacity	Dels:	Sales:
01	PASS	-0.02	0.13	UNLEADED	12000	235722	238732
02	PASS	-0.05	0.08	MIDGRADE	12000	30110	29643
03	PASS	-0.02	0.05	PREMIUM	12000	16202	17131

USTMAN INDUSTRIES INC. is a certified Statistical Inventory Reconciliation (SIR) release detection vendor. Tank status results for monthly monitoring are based on parameters specified by the EPA protocol for SIR methods.

PART B:

O/S listed below represent removals, additions or delivery discrepancies which were accounted for as part of the SIR analysis.

Tank ID: Comments and Recommendations:

01 {8/5/1999:DEL -776} {8/22/1999:DEL 327}

02 {8/25/1999: 242} {8/28/1999: -302} {8/29/1999: 208}
 {8/30/1999: -118}

03 No comments.

USTMAN SIR SYSTEM
Monthly Statistical Inventory Reconciliation (SIR) Report

ARC9

STATION NAME: ARCO AM PM MINIMART #6041		STATION #: 1
COMPANY NAME: ARCO #6041		
ADDRESS: 7249 VILLAGE PARKWAY		
CITY: DUBLIN		ZIP: 94568
State: CA		PHONE:
COUNTY: ALAMEDA		REGISTRATION ID:
PERIOD ANALYZED: OCTOBER, 1999		
DATE OF REPORT: 11/10/1999		

PART A:

Tank ID:	Tank & Lines Leak Status:	Leak Rate	MDL	Product:	Capacity	Dels:	Sales:
01	PASS	0.00	0.12	UNLEADED	12000	326346	325689
02	PASS	-0.02	0.06	MIDGRADE	12000	41023	39371
03	PASS	0.00	0.08	PREMIUM	12000	25999	26137

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PART B:

O/S listed below represent removals, additions or delivery discrepancies which were accounted for as part of the SIR analysis.

Tank ID: Comments and Recommendations:

01 {10/7/1999:DEL 338} {10/9/1999:DEL 453} {10/31/1999:DEL 632}

02 {10/9/1999:DEL -134}

03 No comments.

USTMAN SIR SYSTEM
Monthly Statistical Inventory Reconciliation (SIR) Report

ARC9

STATION NAME: ARCO AM PM MINIMART #6041		STATION #: 1
COMPANY NAME: ARCO #6041		
ADDRESS: 7249 VILLAGE PARKWAY		
CITY: DUBLIN		ZIP: 94568
State: CA		PHONE:
COUNTY: ALAMEDA		REGISTRATION ID:
PERIOD ANALYZED: SEPTEMBER, 1999		
DATE OF REPORT: 11/10/1999		

PART A:

Tank ID:	Tank & Lines Leak Status:	Rate	MDL	Product:	Capacity	Dels:	Sales:
01	PASS	-0.01	0.10	UNLEADED	12000	265892	263679
02	PASS	0.00	0.07	MIDGRADE	12000	31307	32830
03	PASS	-0.02	0.08	PREMIUM	12000	21306	20939

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PART B:

O/S listed below represent removals, additions or delivery discrepancies which were accounted for as part of the SIR analysis.

Tank ID: Comments and Recommendations:

01	No comments.		
02	{9/2/1999:DEL 143}	{9/5/1999:DEL 304}	{9/6/1999: -176}
	{9/7/1999:DEL -201}	{9/8/1999: 141}	
03	{9/10/1999: -212}	{9/30/1999: -207}	



ARC9

USTMAN SIR SYSTEM

TANK SYSTEM MONTHLY MONITORING STATUS REPORT - ALL TANKS

ARCO #6041

11/05/99

September, 1999

STATION	TANKS AND SYSTEM STATUS		
	01-P	02-P	03-P
1			

SUM OF TANKS THROUGH THIS PAGE	3
NUMBER OF PASS (P) =	3
NUMBER OF FAIL (*F*) =	0
NUMBER OF INCONCLUSIVE (INC) =	0
NUMBER OF NO DATA (ND) =	0

Analyzed by: Kevin Acker
Sales representative: HUGH HATTON-WARD

Voice 303/986-8011
800/253-8054
Fax 303/986-8227

12265 West Bayaud Ave.
Suite 110
Lakewood, CO 80228



ARC9

USTMAN SIR SYSTEM

TANK SYSTEM MONTHLY MONITORING STATUS REPORT - ALL TANKS

ARCO #6041

12/14/1999

November, 1999

STATION	TANKS AND SYSTEM STATUS		
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1	01-P	02-P	03-P

SUM OF TANKS THROUGH THIS PAGE	3
NUMBER OF PASS (P) =	3
NUMBER OF FAIL (*F*) =	0
NUMBER OF INCONCLUSIVE (INC) =	0
NUMBER OF NO DATA (ND) =	0

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 Suite 110
 Lakewood, CO 80228

ARC9

CUMULATIVE SIR MONTHLY REPORT Dec, 1998 - Nov, 1999

ARCO #6041

LEGEND -->

P - PASS

F - FAIL

INC - INCONCLUSIVE

ND - NO DATA SUBMITTED

TANK	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
101									P	P	P	P
102									P	P	P	P
103									P	P	P	P

USTMAN SIR SYSTEM ARC9
 Monthly Statistical Inventory Reconciliation (SIR) Report

STATION NAME: ARCO AM PM MINIMART #6041		STATION #: 1
COMPANY NAME: ARCO #6041		
ADDRESS: 7249 VILLAGE PARKWAY		
CITY: DUBLIN		ZIP: 94568
State: CA		PHONE:
COUNTY: ALAMEDA	REGISTRATION ID:	
PERIOD ANALYZED: NOVEMBER, 1999		
DATE OF REPORT: 12/14/1999		

PART A:

Tank ID:	Tank & Lines Leak Status:	Rate	MDL	Product:	Capacity	Dels:	Sales:
01	PASS	0.03	0.08	UNLEADED	12000	335941	336291
02	PASS	-0.05	0.08	MIDGRADE	12000	43063	42603
03	PASS	0.00	0.10	PREMIUM	12000	28212	27195

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PART B:

discrepancies which were accounted for as part of the SIR analysis. O/S listed below represent removals, additions or delivery	
01	Slight gaining trend. Check accuracy of meter calibrations. Gauge for water ingress monthly as required.
02	{11/1/1999:DEL 193}
03	{11/17/1999:DEL -112} {11/19/1999:DEL -230} {11/20/1999: 517}