EXXON COMPANY, U.S.A.

POST OFFICE BOX 4032 • CONCORD, CA 94524-2032

ENVIRONMENTAL ENGINEERING

W. Y. WANG
SENIOR ENVIRONMENTAL ENGINEER
(510) 246-8768

91 NOV 22 PM 2:03

27 November, 1991

Exxon RAS #7-0235
2225 Telegraph Avenue
Oakland, CA

Mr. Scott Seery
Alameda County Health Agency
Department of Environmental Health
80 Swan Way, Rm. 200
Oakland, CA 94621

Dear Mr. Seery:

In response to your recent request, I am writing to update you on Exxon's response to the detection of liquid-phase petroleum hydrocarbons in a ground water extraction well in August, 1991 at the above referenced Exxon station.

As you know, Exxon acquired the referenced site from Texaco USA in 1988 and as part of the Exxon-Texaco property exchange agreement, Texaco retained responsibility for subsurface environmental investigation and remediation at the site. In December, 1990, a ground water extraction and treatment system began operation at the site. In August, 1991, liquid-phase petroleum hydrocarbons were detected in extraction well #RW-2. Exxon was notified of this situation and in response, Exxon performed a tank and line tightness test on 26 August, 1991. The results indicate that all tanks and lines passed the tightness test. The results of this test are attached for your information.

As a follow-up, Exxon obtained product samples from extraction well #RW-2 as well as regular unleaded gasoline samples from two service stations (Chevron and Beacon) adjacent to the Exxon site. These samples were sent to Exxon's Sales Service Laboratory for analysis to determine whether the sample obtained from well #RW-2 contained Exxon's gasoline additive XCL-12 and whether the sample was similar to samples obtained from adjacent stations. The results of laboratory analysis indicate that the sample obtained from well #RW-2 does not contain Exxon additive XCL-12 and does not appear similar to samples obtained from adjacent stations. However, because the sample obtained from well #RW-2 appears to be a leaded gasoline, Exxon took and analyzed samples of leaded gasolines from our station as well as a sample from the adjacent Chevron station (Beacon does not sell leaded gasoline) to see if any of the samples were similar. The results indicate that sample obtained from well #RW-2 is not similar to the Exxon leaded gasoline sample obtained at the site. It also does not match the sample obtained from the adjacent station. Copies of laboratory analytical results are attached for your use.

EXXON COMPANY, U.S.A.

Following the discovery of liquid-phase petroleum hydrocarbons in well #RW-2, as the results of the tank and line tightness tests indicate that all tanks and lines tested tight and the product sample obtained from well #RW-2 did not contain any Exxon additives and is not similar to Exxon gasoline sold at the station, we feel confident that the liquid-phase petroleum hydrocarbon found in well #RW-2 did not result from Exxon's operations.

Should you have any questions or require additional information, please do not hesitate to contact me at (510) 246-8768.

Sincerely,

William Y. Wang

1803E
Attachments

c - w/o attachments:
D. J. Bertoch
P. J. Brininstool
G. DeMarzo

TANKNOLOGY

VacuTect ™ TANK TESTING REPORT

S.O.# 36707

Site # 70235

Date 8-26-91

Customer Exxon

Phone

Invoice Name/Address

Att'n:

Site Name/Address 2225 Telegraph Oakland Ca. 94612

TANKS

See Diag For Loc. Tank #	Tank Product	Tank Dia.	Tank Gallons	Tank Mat'l ■ ST / FRP / Lined	Dipped Water Level ■ START / END	Dipped Product Level ■ START / END	Probe Water Level ■ START / END	Water Ingress Detected ■ Yes/No	Bubble Ingress Detected ■ Yes/No	Ullage Air Ingress Detected ■ Yes/No	Tight (T) or Fail (F)
1	Prem UNL	95	6K	ST	Ø / Ø	64" / 64	.16 / .16	NO	NO	NO	Tight
	Start Time: 1554										
	End Time: 1800										
	76% -.009										
2	Reg UNL	95	10K	ST	Ø / Ø	68" / 68	.16 / .16	NO	NO	NO	Tight
	Start Time: 1554										
	End Time: 1806										
	81% -.009										
3	Reg lead	95	6K	ST	Ø / Ø	64 / 64	.16 / .18	NO	NO	NO	Tight
	Start Time: 2100										
	End Time: 2300										
	76% -.006										
4											
	Start Time:										
	End Time:										

LINES

Line#	Line Mat'l ■ ST / FRP	Deliv Syst. ■ PS / SS	Tight (T) or Fail (F)
1A	FRP	PS	Tight
1B			
1C			
1D			
2A	FRP	PS	Tight
2B			
2C			
2D			
3A	FRP	PS	Tight
3B			
3C			
3D			
4A			
4B			
4C			
4D			

Leak Det

Exist LD Pass (P) Fail (F) or NONE	NEW PreTested LD ■ SOLD Yes/No
P	NO
P	NO

COMMENTS Note alterations or repairs

TANKS and LINES Tested to CFR-40 Parts 280-281 and NFPA 329 Spec's.

Other:

Exist LD SN: 20687-5001

New LD SN:

Pump Mfr.: Tokhiem

Exist LD SN: 21187-5001 2

New LD SN:

Pump Mfr.: Tokhiem

Rel Tucker

Exist LD SN: ~~21187-5004~~ 20687-5004

New LD SN:

Pump Mfr.:

Tokhiem

Exist LD SN:

New LD SN:

Pump Mfr.:

TANKNOLOGY Regional Office: Western #112 Unit Number 27

NOTE: Original VacuTect Data recordings are reviewed by Tanknology's Audit Control Department and maintained on file.

TANKNOLOGY CORPORATION INTERNATIONAL
4960-F Allison Parkway • Vacaville, CA 95688
(707) 446-2494 • (800) 826-5637 • FAX (707) 446-2495

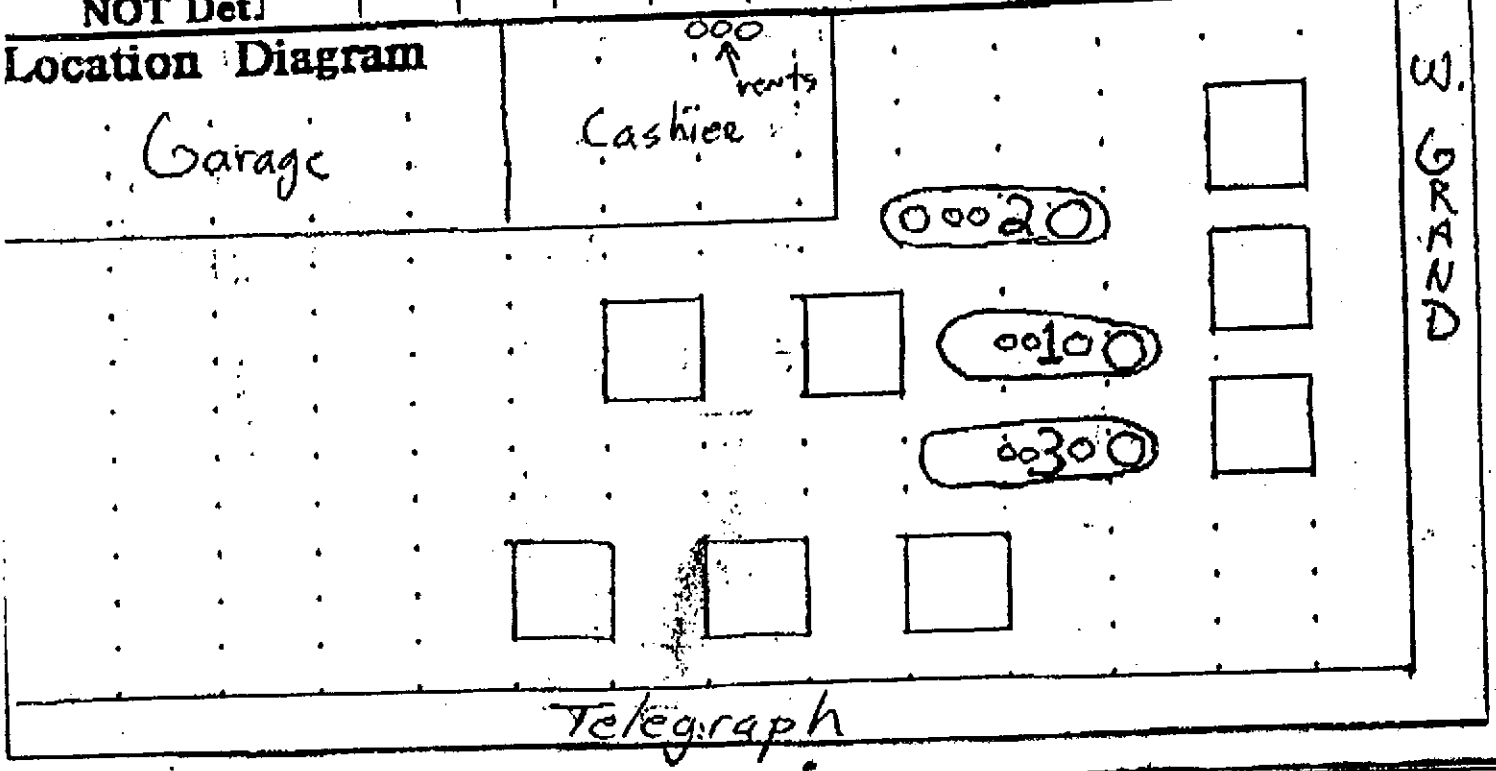
581-3035

FORM 4

SO# 36707 Cust. EXXON Site# 70235

MONITOR WELLS												
Number	1	2	3	4	5	6	7	8	9	10	11	12
Depth												
Water												
Prod. Detected												
NOT Det.												

Location Diagram



Parts and Labor used

General Comments Tested Tanks 1+2. Waited for fuel for Tank 3. Fuel Arrived at 8:30pm, started Testing after fuel was dropped. Run fuel going in around us during test.

When local regulations require immediate reporting of a system leak-Complete the following:

Reported to: _____ Name _____ Date _____ Time _____

Phone Number _____ CUSTOMER or Regulatory Agency _____ File Number _____

TANKNOLOGY CORP., INT'L.
RANDY G. ALDRIDGE
OTTLs#92-1121
TOX#9[illegible]

Print: Certified Testers Name — Certification Number

Randy G Aldridge
Certified Testers Signature

8-26-91
Date Testing Completed

Form-Tanks/Lines 1/91

TANKNOLOGY
TECHNOLOGY FOR TANKS AND THEIR ENVIRONMENT

LINE TEST LOG

S.O.# 36707

Customer Exxon

Date 8-26-91

2225 Telegraph Oakland Ca. 94612

Tank No. 1 Line No. 1A Product Premium UNL

Piping Material Fep Test Pressure 50 psi Calib.Multiplier .00549

COMPRESSION TEST | Zero Pres.Level 23.0 Test Pres.Level 22.8
LEVELΔ .2 Volume Δ .001098

LINE TEST

Mil.Time	Reading #	Level	LevelΔ	VolumeΔ	Projected G.P.H. Δ
1738	Start	22.8			
1748	1	22.7	.1	.000549	.003294
1758	2	22.7	.0	0.0	0.00
1808	3	22.7	.0	0.0	0.00
	4				
	5				
	6				

FINAL LINE TIGHTNESS RATE: 0.00 , FAIL [ ] or PASS [X]

Comments:

Tank No. 2 Line No. 2A Product Reg. Unlead

Piping Material F6 Test Pressure 50 psi Calib.Multiplier .00549

COMPRESSION TEST | Zero Pres.Level 23.0 Test Pres.Level 21.0
LEVELΔ 2.0 Volume Δ .01098

LINE TEST

Mil.Time	Reading #	Level	LevelΔ	VolumeΔ	Projected G.P.H. Δ
1815	Start	21.0			
1825	1	20.8	.2	.001098	.006588
1835	2	20.8	.0	0.0	0.00
1845	3	20.8	.0	0.0	0.00
	4				
	5				
	6				

FINAL LINE TIGHTNESS RATE: 0.00 , FAIL [ ] or PASS [✓]

Comments:

FORM No.: LineTestLog-1/89

TANKNOLOGY CORPORATION INTERNATIONAL
4960-F Allison Parkway • Vacaville, CA 95688
(707) 446-2494 • (800) 826-5837 • FAX (707) 446-2495

Tank No. 3 Line No. 3A Product Regular leaded

Piping Material FRP Test Pressure 50 psi Calib.Multiplier .00549

COMPRESSION TEST | Zero Pres.Level 23.0 Test Pres.Level 19.5
LEVELΔ 3.5 Volume Δ .019215

LINE TEST

Mil.Time	Reading #	Level	LevelΔ	VolumeΔ	Projected G.P.H. Δ
2111	Start	19.5			
2121	1	19.3	.2	.001094	.006588
2131	2	19.3	.0	0.0	0.00
2141	3	19.3	.0	0.0	0.00
	4				
	5				
	6				

FINAL LINE TIGHTNESS RATE: 0.00 , FAIL [ ] or PASS [X]
Comments:

Tank No. _____ Line No. _____ Product _____

Piping Material _____ Test Pressure _____ psi Calib.Multiplier _____

COMPRESSION TEST | Zero Pres.Level _____ Test Pres.Level _____
LEVELΔ _____ Volume Δ _____

LINE TEST

Mil.Time	Reading #	Level	LevelΔ	VolumeΔ	Projected G.P.H. Δ
	Start				
	1				
	2				
	3				
	4				
	5				
	6				

FINAL LINE TIGHTNESS RATE: _____ , FAIL [ ] or PASS [ ]
Comments:

Technician _____, _____, _____
VacuTect Certif # PRINT NAME TCI: #0062 SIGNATURE

TANKNOLOGY CORP., INT'L.
RANDY G. ALDRIDGE
OTTI: #92-1121

FORM No.: LineTestLog-1/89

SSL 36A

BAYTOWN SALES SERVICE LABORATORY
INSPECTION RESULTS

FILE: 102-6-3 DATE 10/10/91

TO	GREG DeMARGO EXXON COMPANY, U.S.A. 2300 CLAYTON ROAD SUITE 1250 CONCORD, CA 94520	E.B. JES BH 4 RCS	
FROM	E. FRANK HINDS, JR. COORDINATOR BAYTOWN SALES SERVICE LAB EXCOM: 425-4163 OUTSIDE: (713) 425-4163 FAX: (713) 425-4161	RECEIVED 10/02/91	COMPLETED 10/09/91 MOTOR GASOLINE MONITORING

SSL 36-10 Recovery well at Exxon RAS #7-0235
SSL 37-10 Chevron station
SSL 38-10 Beacon station

Sample SSL 36-10 does not appear to be similar to either of the other two samples. Sample SSL 36-10 contains 7.1% MTBE which is not found in SSL 38-10 and only a trace (0.8%) in SSL 37-10.

Sample SSL 36-10 does not contain ethanol which is found in SSL 38-10.

Finally, sample SSL 36-10 appears to be a leaded gasoline while SSL 37-10 and SSL 38-10 are unleaded grade of gasoline.

Sample SSL 38-10 does not appear to be Exxon branded gasoline since it does not contain any XCL-12.

ATTACHMENT(S): P&SI form & lab reports

MAILING ADDRESS
Exxon Company, U.S.A.
P.O. Box 3950
Baytown, TX 77522-3950

SHIPPING ADDRESS
Exxon Company, U.S.A.
Baytown Refinery
Bayway Drive at San Jacinto
Baytown, TX 77522

Attention: E. F. Hinds, Jr.
Refinery Lab
Station 45

PROBLEM AND SAMPLE INFORMATION
SALES SERVICE LABORATORY 944-[illegible]-1D

EXXON COMPANY, U.S.A
Please Print or Type

TO	SALES SERVICE LABORATORY: ☐ BAYONNE ☒ BAYTOWN ☐ PITTSBURGH ☐ OTHER			
CUSTOMER INFORMATION	CUSTOMER OR DISTRIBUTOR: EXXON CO., U.S.A, ENGINEERING			LOCATION (CITY, STATE): CONCORD, CA
CUSTOMER COMPLAINT ☐ YES ☐ NO	PACKAGED PRODUCT — FILLING DATE AND CODE: 8/30, 9/3, 9/11/91	BATCH NO.: —		NO. AND SIZE OF CONTAINERS: 3 @ APPROX. 1 GA.
	BULK SHIPMENT — TC, TT, BARGE: —	CARRIER NAME AND NO.: —	SHIPPING DATE: —	VOLUME: —
TYPE OF TESTING	☐ SUITABILITY FOR CONTINUED USE ☒ OTHER COMPARE THREE (3) SAMPLES			
SAMPLE SUBMISSION APPROVED BY	☐ MTS APPROVER NAME	☒ OTHER APPROVER NAME: GREG DEMARZO - ENGINEER, GEORGE JOHNSON - SUPERVIS		

SAMPLE INFORMATION	SAMPLE ID TAG NUMBER	SAMPLE #1	SAMPLE #2	SAMPLE #3
	PRODUCT BRAND NAME	UNKNOWN	"CHEVRON"	"BEACON"
	FORMULA NUMBER	—	—	—
	USED OR UNUSED	UNUSED	UNUSED	UNUSED
	FIRST OUT OR REPRESENTATIVE	—	—	—
	FROM TANK, DRUM, RESERVOIR, ETC.	RECOVERY WELL	DISPENSER	DISPENSER
	OIL SERVICE — HOURS, MILES	—	—	—
	OIL SERVICE — DATE OF LAST CHANGE	—	—	—
EQUIPMENT INFORMATION	UNIT NUMBER	—	--	
	MAKE/MODEL	—		
	IF AUTO — FUEL TYPE	UNKNOWN	REG. UNLEADED	REG. UNLEADED
	IF AUTO — OIL MAKEUP RATE	—		
	IF AUTO — FILTER CHANGE INTERVAL	—		

ULL DISCUSSION OF PROBLEM OR INFORMATION DESIRED. INCLUDE ALL PERTINENT INFORMATION. IF MORE SPACE IS NEEDED, USE SEPARATE SHEET.

SAMPLE #1 WAS TAKEN FROM A RECOVERY WELL AT EXXON RAS # 7-0235, 2225 Telegraph IN OAKLAND CA.. THE TANKS AT THIS STATION WERE TESTED AND FOUND TO BE TIGHT.. SAMPLE #2 WAS TAKEN FROM A DISPENSER AT A CHEVRON AT 2200 Telegraph IN OAKLAND CA

SAMPLE #3 WAS TAKEN FROM A DISPENSER AT A BEACON STATION AT WILLOW PASS + PARKSIDE DR IN CA.

PERFORM LAB ANALYSIS TO DETERMINE ORIGIN OF SAMPLE #1 i.e., IS SAMPLE #1 EXXON PRODUCT OR NOT? IF NOT, IS IT ONE OF THE OTHER TWO SUBMITTED FOR COMPARISON?

JBMITTED BY
GREG DEMARZO
HONE NUMBER
(510) 246-8726
DISTRIBUTOR, NAME OF EXXON REPRESENTATIVE
N/A
ATE
9/19/91

ADDRESS (PLEASE PRINT)
2300 CLAYTON RD., SUITE 1250
CONCORD, CA 94520

ND THIS COPY WITH SAMPLE TO SALES SERVICE LABORATORY
nclose original in sample tag envelope or send directly to S.S. Lab if no sample is to be shipped.

ALTERED FINAL LAB INS[redacted]TION REPORT 10/08/91 14:5[redacted] PAGE: 1
REQUESTED BY:[redacted]

ASN: 5812 SAMPLE ID: U960107 FORMULA NO: BCH: TNK:
SOURCE: SALES SERVICE 36-10 PROD: MOTOR GASOLINE #1 UNKNOWN
SAMPLE TAKEN: 10/02/91 13:32 REG: 10/02/91 13:32 FINISHED: 10/08/91 14:58
COMMENTS: ACCOUNT: 00002101

TEST	DESCRIPTION	RESULT	UNITS	STATUS	SPEC MIN/SPEC MAX (COMMENTS	TECH)
188900	LEAD BY AA (DIXIE)	1.260 ✓	GM/GAL		/ (DIXIE	JMR)
206000	DIST AUTOMATIC D-86				/	032
01	INITIAL BOILING POINT	101.0	DEG F		/	032
02	FINAL BOILING POINT	405.0	DEG F		/	032
03	10% RECOVERY-LOSS	157.0	DEG F		/	032
04	50% RECOVERY-LOSS	236.0	DEG F		/	032
05	90% RECOVERY-LOSS	339.0	DEG F		/	032
06	%RECOVER+LOSS 158 DEG F	10.5	VOL %		/	032
07	%RECOVER+LOSS 212 DEG F	37.5	VOL %		/	032
08	%RECOVER+LOSS 302 DEG F	77.0	VOL %		/	032
09	LOSS	.5	VOL %		/	032
10	RESIDUE	1.0	VOL %		/	032
11	RECOVERY	98.5	VOL %		/	032
12	20% RECOVERY-LOSS	176.0	DEG F		/	032
13	INSTRUMENT NUMBER	3.			/	032
110800	EXISTENT GUM IN FUEL	9.0	MG/HML	WARNING	/	012
180000	API & SPEC.GR. BY DMA				/	329
01	SPEC. GRAVITY @ 60 DEG F	.7542			/	CALC
02	API GRAVITY	56.1	API		/	
194600	ALCOHOLS IN GASOLINE				/	048
01	METHANOL	*.0	VOL %		/	048
02	ETHANOL	*.0	VOL %		/	048
03	ISO-PROPANOL	*.0	VOL %		/	048
04	T-BUTANOL	*.1	VOL %		/	048
05	N-PROPANOL	*.0	VOL %		/	048
06	MTBE	*7.1	VOL %		/	048
07	SEC-BUTANOL	*.0	VOL %		/	048
08	ISO-BUTANOL	*.0	VOL %		/	048
09	N-BUTANOL	*.1	VOL %		/	048

XCL-12, pkb 0/0

END OF INSPECTION REPORT (*) INDICATES ALTERED RESULT

FINAL LAB INS[redacted]TION REPORT 10/08/91 14:5[redacted] PAGE: 1
REQUESTED BY:[redacted]

ASN: 5820 SAMPLE ID: U960107 FORMULA NO: BCH: TNK:
SOURCE: SALES SERVICE 37-10 PROD: MOTOR GASOLINE #2 CHEVRON
SAMPLE TAKEN: 10/02/91 13:32 REG: 10/02/91 13:33 FINISHED: 10/08/91 14:58
COMMENTS: ACCOUNT: 00002101

TEST	DESCRIPTION	RESULT	UNITS	STATUS	SPEC MIN/SPEC MAX (COMMENTS)	TECH
188900	LEAD BY AA (DIXIE)	.002	GM/GAL		/ (DIXIE)	JMR
206000	DIST AUTOMATIC D-86					
01	INITIAL BOILING POINT	87.0	DEG F		/	032
02	FINAL BOILING POINT	397.0	DEG F		/	032
03	10% RECOVERY-LOSS	123.0	DEG F		/	032
04	50% RECOVERY-LOSS	213.0	DEG F		/	032
05	90% RECOVERY-LOSS	326.0	DEG F		/	032
06	%RECOVER+LOSS 158 DEG F	27.0	VOL %		/	032
07	%RECOVER+LOSS 212 DEG F	50.0	VOL %		/	032
08	%RECOVER+LOSS 302 DEG F	82.5	VOL %		/	032
09	LOSS	1.5	VOL %		/	032
10	RESIDUE	1.0	VOL %		/	032
11	RECOVERY	97.5	VOL %		/	032
12	20% RECOVERY-LOSS	143.0	DEG F		/	032
13	INSTRUMENT NUMBER	3.			/	032
110800	EXISTENT GUM IN FUEL	.6	MG/HML		/	012
180000	API & SPEC.GR. BY DMA					
01	SPEC. GRAVITY @ 60 DEG F	.7538			/	329
02	API GRAVITY	56.2	API		/	CALC
194600	ALCOHOLS IN GASOLINE					
01	METHANOL	.0	VOL %		/	048
02	ETHANOL	.0	VOL %		/	048
03	ISO-PROPANOL	.0	VOL %		/	048
04	T-BUTANOL	.0	VOL %		/	048
05	N-PROPANOL	.0	VOL %		/	048
06	MTBE	.8	VOL %		/	048
07	SEC-BUTANOL	.0	VOL %		/	048
08	ISO-BUTANOL	.0	VOL %		/	048
09	N-BUTANOL	.1	VOL %		/	048

XCL-12, ptb 0/0

END OF INSPECTION REPORT (*) INDICATES ALTERED RESULT

ASN: 5845 SAMPLE ID: U960107 FORMULA NO: BCH: TNK:
SOURCE: SALES SERVICE 38-10 PROD: MOTOR GASOLINE #3 BEACON
SAMPLE TAKEN: 10/02/91 13:32 REG: 10/02/91 13:34 FINISHED: 10/08/91 14:59
COMMENTS: ACCOUNT: 00002101

TEST	DESCRIPTION	RESULT	UNITS	STATUS	SPEC MIN/SPEC MAX (COMMENTS)	TECH
188900	LEAD BY AA (DIXIE)	.001	GM/GAL		/ (DIXIE)	JMR
206000	DIST AUTOMATIC D-86					
01	INITIAL BOILING POINT	88.0	DEG F		/	329
02	FINAL BOILING POINT	402.0	DEG F		/	329
03	10% RECOVERY-LOSS	119.0	DEG F		/	329
04	50% RECOVERY-LOSS	167.0	DEG F		/	329
05	90% RECOVERY-LOSS	326.0	DEG F		/	329
06	%RECOVER+LOSS 158 DEG F	48.5	VOL %		/	329
07	%RECOVER+LOSS 212 DEG F	59.0	VOL %		/	329
08	%RECOVER+LOSS 302 DEG F	85.0	VOL %		/	329
09	LOSS	1.5	VOL %		/	329
10	RESIDUE	1.0	VOL %		/	329
11	RECOVERY	97.5	VOL %		/	329
12	20% RECOVERY-LOSS	129.0	DEG F		/	329
13	INSTRUMENT NUMBER	6.			/	329
110800	EXISTENT GUM IN FUEL	4.4	MG/HML	WARNING	/	012
180000	API & SPEC.GR. BY DMA					
01	SPEC. GRAVITY @ 60 DEG F	.7479			/	329
02	API GRAVITY	57.7	API		/	CALC
194600	ALCOHOLS IN GASOLINE					
01	METHANOL	.0	VOL %		/	048
02	ETHANOL	7.6	VOL %		/	048
03	ISO-PROPANOL	.0	VOL %		/	048
04	T-BUTANOL	.0	VOL %		/	048
05	N-PROPANOL	.1	VOL %		/	048
06	MTBE	.0	VOL %		/	048
07	SEC-BUTANOL	.0	VOL %		/	048
08	ISO-BUTANOL	.1	VOL %		/	048
09	N-BUTANOL	.0	VOL %		/	048

XCL-12, ptb 0/0

END OF INSPECTION REPORT (*) INDICATES ALTERED RESULT

SL 26

BAYTOWN SALES SERVICE LABORATORY
INSPECTION RESULTS

FILE: 102-6-3

DATE 10/28/91

TO	GREG DeMARZO EXXON COMPANY, U.S.A. 2300 CLAYTON ROAD SUITE 1250 CONCORD, CA 94520	E.B. JES BN 4 RCS	
FROM	E. F. HINDS, JR. COORDINATOR BAYTOWN SALES SERVICE LAB EXCOM: 425-4163 OUTSIDE: (713) 425-4163 FAX: (713) 425-4161	RECEIVED 10/22/91	COMPLETED 10/25/91 MOTOR GASOLINE MONITORING (SUPPLEMENTAL REPORT)

Reference: See initial report on SSL 36-10, 37-10 and 38-10 dated 10/10/91, copy attached.

SSL 219-10 Exxon Regular Leaded Gasoline

SSL 220-10 Chevron Regular Leaded Gasoline

The "unknown" sample, SSL 36-10, does not match up with either of the subject samples. Note the absence of MTBE and the relatively low lead content.

ATTACHMENT(S): P&SI form & lab reports

MAILING ADDRESS
Exxon Company, U.S.A.
P.O. Box 3950
Baytown, TX 77522-3950

SHIPPING ADDRESS
Exxon Company, U.S.A.
Baytown Refinery
Bayway Drive at San Jacinto
Baytown, TX 77522

Attention: E. F. Hinds, Jr.
Refinery Lab
Station 45

PROBLEM AND SAMPLE INFORMATION
SALES SERVICE LABORATORY 944[illegible]-1D

EXXON COMPANY, U.S.A
Please Print or Type

TO	SALES SERVICE LABORATORY ☐ BAYONNE ☒ BAYTOWN ☐ PITTSBURGH ☐ OTHER			
CUSTOMER INFORMATION	CUSTOMER OR DISTRIBUTOR: EXXON CO., U.S.A., ENGINEERING		LOCATION (CITY, STATE): CONCORD, CA	
CUSTOMER COMPLAINT ☐ YES ☐ NO	PACKAGED PRODUCT — FILLING DATE AND CODE: 10/16/91	BATCH NO. —	NO. AND SIZE OF CONTAINERS: 2 @ APPROX 1/2 GAL.	
	BULK SHIPMENT — TC, TT, BARGE: —	CARRIER NAME AND NO.: —	SHIPPING DATE: —	VOLUME: ←
(**) TYPE OF TESTING	☐ SUITABILITY FOR CONTINUED USE ☒ OTHER TESTS: 188900, 206000, 110800, 180000, 194600, XCL-12			
SAMPLE SUBMISSION APPROVED BY	☐ MTS APPROVER NAME ☒ OTHER APPROVER NAME GREG DEMARZO - Engineer, GEORGE JOHNSON - Supv.			

SAMPLE INFORMATION	SAMPLE ID TAG NUMBER		SAMPLE #4	SAMPLE #5
	PRODUCT BRAND NAME		EXXON	CHEVRON
	FORMULA NUMBER		—	—
	USED OR UNUSED		UNUSED	UNUSED
	FIRST OUT OR REPRESENTATIVE		—	—
	FROM TANK, DRUM, RESERVOIR, ETC.		DISPENSER	DISPENSER
	OIL SERVICE	HOURS, MILES	—	—
		DATE OF LAST CHANGE	—	—
EQUIPMENT INFORMATION	UNIT NUMBER		Bfr Change	Bfr Change
	MAKE/MODEL		—	—
	IF AUTO	FUEL TYPE	REG, LEADED	REG, LEADED
		OIL MAKEUP RATE	— 219-10	— 220-10
		FILTER CHANGE INTERVAL	— 3229	— 3231

FULL DISCUSSION OF PROBLEM OR INFORMATION DESIRED. INCLUDE ALL PERTINENT INFORMATION. IF MORE SPACE IS NEEDED, USE SEPARATE SHEET.

- SAMPLE #4 WAS TAKEN FROM A DISPENSER AT EXXON RAS # 7-0235, 2225 TELEGRAPH AVE, OAKLAND CA
- SAMPLE #5 WAS TAKEN FROM A DISPENSER AT CHEVRON AT 2200 TELEGRAPH AVE, OAKLAND CA.

RUN SAME TESTS AS ATTACHED LAB INSPECTION REPORT DATED 10/8/91 (**) [FILE 102-6-3]
ATTEMPT TO DETERMINE IF PREVIOUSLY SUBMITTED SAMPLE #1 (UNKNOWN; see ATTACHED) MATCHES EITHER SAMPLE #4 OR SAMPLE #5.

SUBMITTED BY: GREG DEMARZO
PHONE NUMBER: (510) 246-8726
IF DISTRIBUTOR, NAME OF EXXON REPRESENTATIVE: N/A
DATE: 10/17/91

ADDRESS (PLEASE PRINT)
2300 CLAYTON RD
SUITE 1250
CONCORD, CA 94520

SEND THIS COPY WITH SAMPLE TO SALES SERVICE LABORATORY
Enclose original in sample tag envelope or send directly to S.S. Lab if no sample is to be shipped.

FINAL LAB INSPECTION REPORT 10/25/91 12:25 PAGE: 1
REQUESTED BY:

ASN: 3229 SAMPLE ID: U960102 FORMULA NO: BCH: TNK:
SOURCE: SALES SERVICE 219-10 PROD: MOGAS MONITORING EXXON R/L
SAMPLE TAKEN: 10/22/91 13:26 REG: 10/22/91 13:26 FINISHED: 10/25/91 12:24
COMMENTS: ACCOUNT: 00002101

TEST	DESCRIPTION	RESULT	UNITS	STATUS	SPEC MIN/SPEC MAX (COMMENTS)	TECH
188900	LEAD BY AA (DIXIE)	.011	GM/GAL		/	JMR
206000	DIST AUTOMATIC D-86				/	
01	INITIAL BOILING POINT	88.0	DEG F		/	311
02	FINAL BOILING POINT	415.0	DEG F		/	311
03	10% RECOVERY-LOSS	130.0	DEG F		/	311
04	50% RECOVERY-LOSS	223.0	DEG F		/	311
05	90% RECOVERY-LOSS	334.0	DEG F		/	311
06	%RECOVER+LOSS 158 DEG F	22.5	VOL %		/	311
07	%RECOVER+LOSS 212 DEG F	45.5	VOL %		/	311
08	%RECOVER+LOSS 302 DEG F	81.0	VOL %		/	311
09	LOSS	1.5	VOL %		/	311
10	RESIDUE	1.5	VOL %		/	311
11	RECOVERY	97.0	VOL %		/	311
12	20% RECOVERY-LOSS	152.0	DEG F		/	311
13	INSTRUMENT NUMBER	6.			/	311
110800	EXISTENT GUM IN FUEL	1.0	MG/HML		/ (21.OUNWASH)	013
180000	API & SPEC.GR. BY DMA				/	
01	SPEC. GRAVITY @ 60 DEG F	.7508			/	311
02	API GRAVITY	57.0	API		/	CALC
194600	ALCOHOLS IN GASOLINE				/	
01	METHANOL	.0	VOL %		/	048
02	ETHANOL	.0	VOL %		/	048
03	ISO-PROPANOL	.0	VOL %		/	048
04	T-BUTANOL	.0	VOL %		/	048
05	N-PROPANOL	.0	VOL %		/	048
06	MTBE	.0	VOL %		/	048
07	SEC-BUTANOL	.0	VOL %		/	048
08	ISO-BUTANOL	.0	VOL %		/	048
09	N-BUTANOL	.0	VOL %		/	048

XCL-12, ptb = 2.3/1.0

END OF INSPECTION REPORT (*) INDICATES ALTERED RESULT

FINAL LAB INSPECTION REPORT 10/25/91 12:2 PAGE: 1
REQUESTED BY:

ASN: 3231 SAMPLE ID: U960102 FORMULA NO: BCH: TNK:
SOURCE: SALES SERVICE 220-10 PROD: MOGAS MONITORING CHEVRON R/L
SAMPLE TAKEN: 10/22/91 13:26 REG: 10/22/91 13:27 FINISHED: 10/25/91 12:25
COMMENTS: ACCOUNT: 00002101

TEST	DESCRIPTION	RESULT	UNITS	STATUS	SPEC MIN/SPEC MAX (COMMENTS)	TECH
188900	LEAD BY AA (DIXIE)	.082	GM/GAL		/	JMR
206000	DIST AUTOMATIC D-86				/	311
01	INITIAL BOILING POINT	92.0	DEG F		/	311
02	FINAL BOILING POINT	417.0	DEG F		/	311
03	10% RECOVERY-LOSS	120.0	DEG F		/	311
04	50% RECOVERY-LOSS	195.0	DEG F		/	311
05	90% RECOVERY-LOSS	319.0	DEG F		/	311
06	%RECOVER+LOSS 158 DEG F	34.0	VOL %		/	311
07	%RECOVER+LOSS 212 DEG F	57.0	VOL %		/	311
08	%RECOVER+LOSS 302 DEG F	85.5	VOL %		/	311
09	LOSS	1.5	VOL %		/	311
10	RESIDUE	1.5	VOL %		/	311
11	RECOVERY	96.5	VOL %		/	311
12	20% RECOVERY-LOSS	135.0	DEG F		/	311
13	INSTRUMENT NUMBER	3.			/	013
110800	EXISTENT GUM IN FUEL	2.6	MG/HML		(UNWASH (11.0))	
180000	API & SPEC.GR. BY DMA				/	311
01	SPEC. GRAVITY @ 60 DEG F	.7475			/	CALC
02	API GRAVITY	57.8	API		/	
194600	ALCOHOLS IN GASOLINE				/	048
01	METHANOL	.0	VOL %		/	048
02	ETHANOL	.0	VOL %		/	048
03	ISO-PROPANOL	.0	VOL %		/	048
04	T-BUTANOL	.0	VOL %		/	048
05	N-PROPANOL	.0	VOL %		/	048
06	MTBE	.0	VOL %		/	048
07	SEC-BUTANOL	.0	VOL %		/	048
08	ISO-BUTANOL	.0	VOL %		/	048
09	N-BUTANOL	.0	VOL %		/	048

XCL-12, ptb = 0/0

END OF INSPECTION REPORT (*) INDICATES ALTERED RESULT