



GETTLER-RYAN INC.

396503.0

OCT 30 2001

April 10, 1997

Mr. Phil Briggs
Chevron Products Company
P. O. Box 6004
San Ramon, California 94583

Subject: Soil Sampling During Product Dispenser Replacement at Chevron Service Station #9-2029, 890 West MacArthur Boulevard, Oakland, California.

Mr. Briggs:

At the request of Chevron Products Company (Chevron), Gettler-Ryan Inc. (GR) conducted a soil investigation during product dispenser replacement and gasoline underground storage tank (UST) upgrade at the subject site. The purpose of this soil investigation was to evaluate whether the soil beneath the former dispenser islands and in the immediate northern vicinity of the gasoline UST pit has been impacted by hydrocarbons. The scope of work included: collecting and analyzing samples from native soil beneath the former dispenser islands, from the northern sidewall of the gasoline UST pit, and from soil stockpiles; and preparing a report presenting the findings. In addition, a sample of water which was pumped from the gasoline UST during tank upgrade activities and stored onsite in a Baker Tank was collected and analyzed for disposal characterization.

SITE DESCRIPTION

The subject site is a service station located at the intersection of MacArthur Boulevard and Market Street (Figure 1). Station facilities consist of a station building, five product dispenser islands, and three gasoline USTs. Pertinent site features are shown on Figure 2.

FIELD WORK

Construction work and sampling during product dispenser replacement and tank upgrade was performed by GR. Soil sampling was conducted in accordance with the GR Field Methods and Procedures (attached), and the Site Safety Plan dated February 25, 1997. Soil samples collected during this investigation were delivered under chain-of-custody to Sequoia Analytical in Walnut Creek (ELAP #1271). Analytical methods and results are summarized in Table 1. Copies of the laboratory analytical reports and chain-of-custody record are attached.

Soil Sampling

The former product dispensers were removed and the soil in the immediate vicinity of each dispenser island was excavated. Each excavation was approximately 12 feet long, 10 feet wide and 2.5 feet deep. Soil in the vicinity of the former dispenser islands consisted of dark brown clay. Soil near the former southeastern dispenser islands exhibited greenish gray discoloration and hydrocarbon odor. Soil near the former

1205.02

southwestern, northwestern and middle dispenser islands exhibited slight hydrocarbon odor. On February 26, 1997, soil samples S1-3 through S5-3 were collected at the base of these excavations. The samples were collected at the approximate depth of 3 feet below ground surface (bgs). Mr. Brian P. Oliva of the Alameda County Health Care Services Agency (ACHCSA) was present at the site to observe sample collection. Per ACHCSA request, one soil sample (S6-3) was also collected from the northern wall of the gasoline UST pit at the depth of approximately 3 feet bgs, where the dark colored soil was observed. Sample locations are shown on Figure 2.

TPHg were not detected in soil sample S1-3, but were present in soil samples S2-3 through S5-3 at concentrations ranging from 2.0 parts per million (ppm) to 38 ppm. Benzene was not detected in samples S1-3 or S2-3, but was present in soil samples S3-3 through S5-3 at concentrations ranging from 0.0098 ppm to 0.63 ppm. MTBE was detected in all five samples collected from beneath the former dispenser islands at concentrations ranging from 0.08 ppm to 0.62 ppm. The soil sample S6-3, collected from the northern sidewall of the gasoline UST pit did not contain TPHg, BTEX or MTBE.

Stockpile Sampling

Soil generated during site investigation and reconstruction activities was stockpiled onsite, placed on and covered with plastic sheeting pending disposal. Two separate soil stockpiles were generated during this phase of the site work.

On February 26, 1997, four soil samples [SP (A-D)] were collected from arbitrary locations on the stockpile containing approximately 70 cubic yards of soil and backfill material excavated from the former dispenser island areas. On March 5, 1997, four samples [SP1-(A-D)] were collected from arbitrary locations on the stockpile containing approximately 90 cubic yards of soil excavated from the new electrical line trenches and other excavations associated with site reconstruction.

Water Sampling

Water pumped from the gasoline UST pit during tank upgrade activities was stored onsite in a Baker Tank pending disposal. On March 3, 1997, one water sample was collected from the Baker Tank for disposal characterization.

SOIL AND GROUNDWATER DISPOSAL

On March 19, 1997, the stockpiled soil (approximately 162 cubic yards) was removed from the site and transported to Redwood landfill in Novato by Allwaste. On March 20 and 21, 1997, IWM transported a total of 7,800 gallons of water pumped from the gasoline UST to McKittrick Waste Management. Soil and water disposal confirmation forms are attached.

After reviewing the data Mr. Oliva gave us a verbal notification that no further action was required at the site on February 28, 1997.

Soil Sampling During Product Dispenser Replacement - Chevron Service Station #9-2029
April 10, 1997

If you should have any questions please call us in Dublin at (510) 551-8777.

Sincerely,
Gettler-Ryan Inc.

Barbara Sieminski

Barbara Sieminski
Project Geologist

Stephen J. Carter

Stephen J. Carter
Senior Geologist
R.G. 5577



Attachments: Table 1. Analytical Results
Figure 1. Vicinity Map
Figure 2. Soil Concentration Map
GR Field Methods and Procedures
Disposal Confirmation Forms
Laboratory Analytical Reports and Chain-of-Custody Records

Table 1. Analytical Results - Chevron Service Station #9-2029, 890 West MacArthur, Oakland, California.

Sample Name	Depth (ft)	Date	ppm					
			TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
S1-3	3.0	02/26/97	<1.0	<0.0050	<0.0050	<0.0050	0.011	0.087
S2-3	3.0	02/26/97	6.0 ¹	<0.0050	<0.0050	<0.0050	0.0079	0.38
S3-3	3.0	02/26/97	4.1 ²	0.0098	0.0087	0.027	0.026	0.44
S4-3	3.0	02/26/97	2.0 ²	0.016	0.0088	<0.0050	0.015	0.42
S5-3	3.0	02/26/97	38	0.63	0.14	0.90	0.37	0.62
S6-3	3.0	02/26/97	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
SP (A-D)	---	02/26/97	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	---
SPI-(A-D)	---	03/05/97	1.3	<0.0050	<0.0050	0.017	0.055	---
			ppb					
BT	---	03/03/97	<50	<0.50	<0.50	<0.50	<0.50	---

EXPLANATION:

TPHg = Total Petroleum Hydrocarbons as gasoline
 MTBE = Methyl t-Butyl Ether
 ppm = Parts per million
 ppb = Parts per billion
 --- = Not analyzed/not applicable

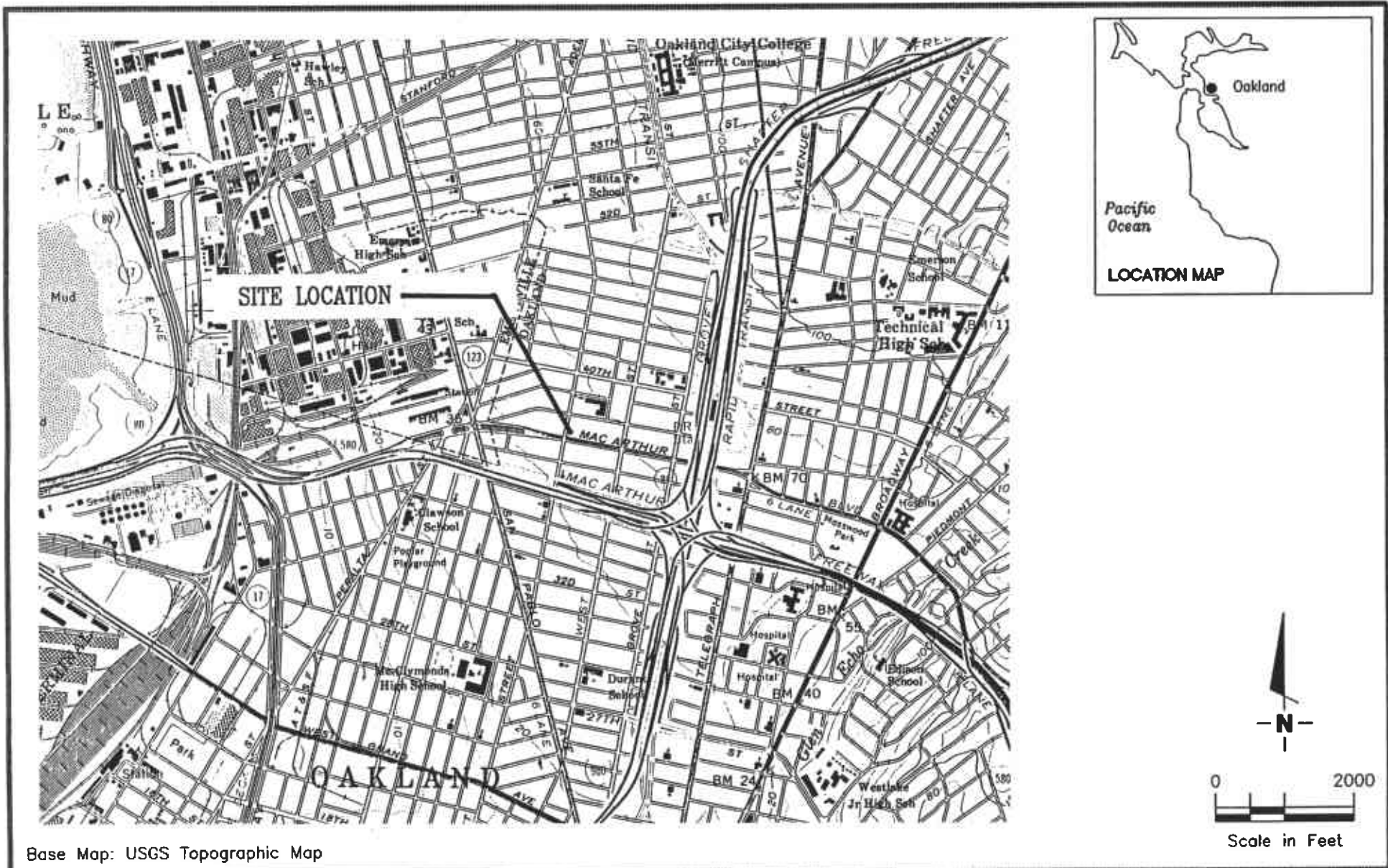
¹ = Unidentified hydrocarbons > C8
² = Gasoline and discrete peaks

ANALYTICAL METHODS:

TPHg = EPA Method 8015 Mod.
 Benzene, toluene, ethylbenzene, xylenes, and MTBE = EPA Method 8020

ANALYTICAL LABORATORY:

Sequoia Analytical (ELAP #1271)



Base Map: USGS Topographic Map



Gettler - Ryan Inc.

6747 Sierra Ct., Suite J (510) 551-7555
 Dublin, CA 94568

VICINITY MAP

Chevron Service Station No. 9-2029
 880 West MacArthur Boulevard
 Oakland, California

FIGURE

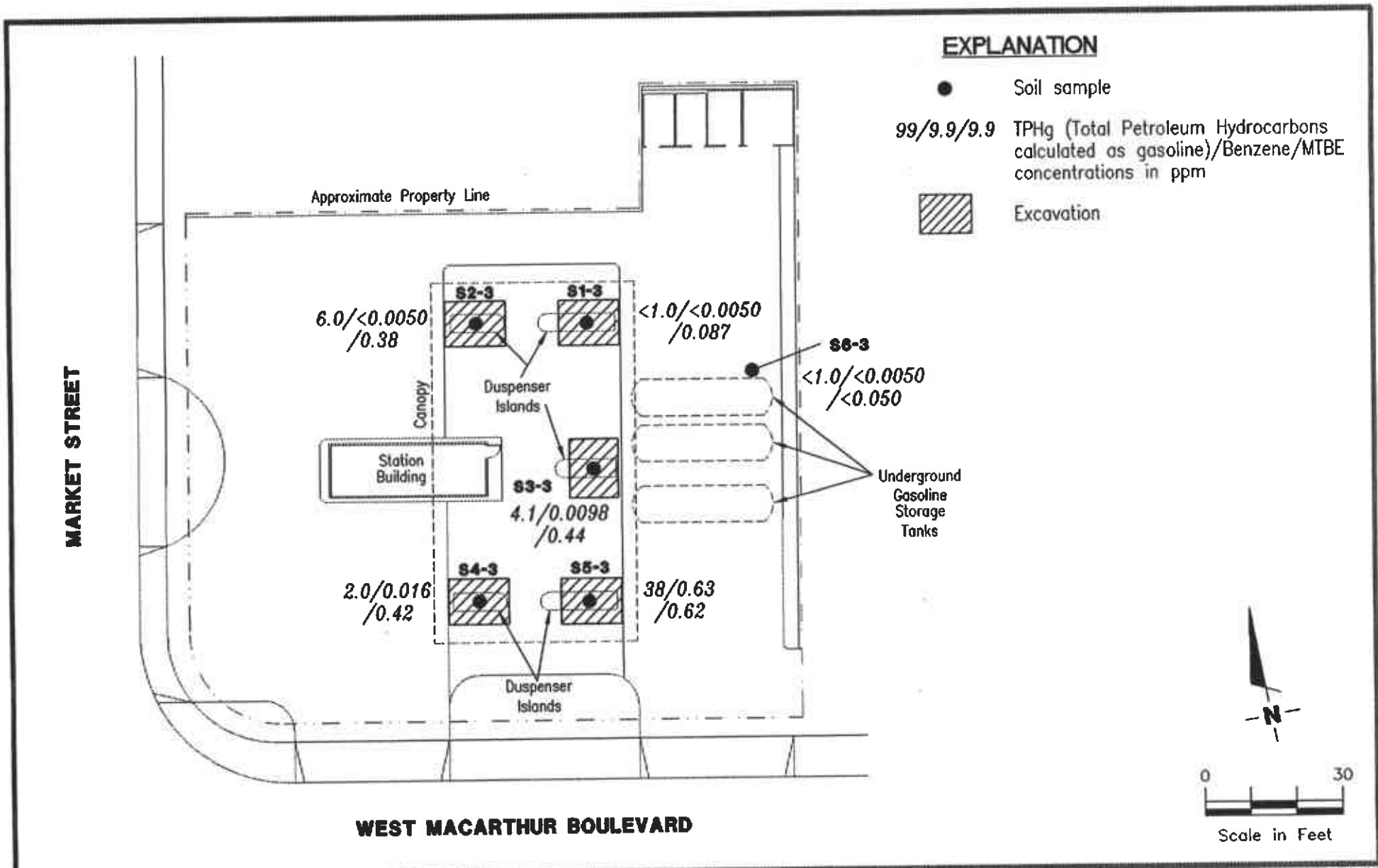
1

JOB NUMBER
 1205

REVIEWED BY

DATE
 April, 1997

REVISED DATE



Gettler - Ryan Inc.

6747 Sierra Ct., Suite J (510) 551-7555
Dublin, CA 94568

JOB NUMBER
1205.02

REVIEWED BY
[Signature]

SOIL CONCENTRATION MAP
Chevron Service Station No. 9-2029
880 West MacArthur Boulevard
Oakland, California

DATE
April, 1997

REVISED DATE

FIGURE

2

GETTLER-RYAN INC.

FIELD METHODS AND PROCEDURES

Site Safety Plan

Field work performed by Gettler-Ryan Inc. (G-R) is conducted in accordance with G-R's Health and Safety Plan and the Site Safety Plan. G-R personnel and subcontractors who perform work at the site are briefed on the contents of these plans prior to initiating site work. The G-R geologist or engineer at the site when the work is performed acts as the Site Safety Officer. G-R utilizes a photoionization detector (PID) to monitor ambient conditions as part of the Health and Safety Plan.

Collection of Samples

Soil samples are collected from the wall or base of the excavation with a hand-driven sampling device fitted with a 2-inch-diameter, clean brass tube or stainless steel liner. If safety considerations preclude collection of the samples with the drive sampler, the excavating equipment is used to bring soil from the pit wall to the surface, where a sample tube is filled by driving it into the soil in the excavator's bucket. After removal from the sampling device, sample tubes are covered on both ends with teflon sheeting, capped, labeled, and placed in a cooler with blue ice for preservation. A chain-of-custody form is initiated in the field and accompanies the selected soil samples to the analytical laboratory.

If it is necessary to collect a sample of groundwater standing in the UST pit, the sample is collected by lowering a new, clean teflon bailer into the pit from a safe position along the pit wall. Once filled and retrieved, the groundwater in the bailer is carefully decanted into the appropriate containers supplied by the analytical laboratory. If required, preservative is added to the sample bottles by the laboratory prior to delivery. The samples are then labeled and placed in a cooler with blue ice for preservation. A chain-of-custody form is initiated in the field and accompanies the selected soil samples to the analytical laboratory.

Field Screening of Soil Samples

A PID is used to perform head-space analysis in the field for the presence of organic vapors from soil samples. This test procedure involves placing a small amount of the soil to be screened in a sealable plastic bag. The bag is warmed in the sun to allow organic compounds in the soil sample to volatilize. The PID probe is inserted through the wall of the bag and into the headspace inside, and the meter reading is recorded in the field notes. An alternative method involves placing a plastic cap over the end of the sample tube. The PID probe is placed through a hole in the plastic cap, and vapors with the covered tube measured. Head-space screening is performed and results recorded as reconnaissance data only. G-R does not consider field screening techniques to be verification of the presence or absence of hydrocarbons.

Storing and Sampling of Soil Stockpiles

Excavated material is stockpiled on and covered with plastic sheeting. Stockpile samples are collected and analyzed for disposal classification on the basis of one composite sample per 100 cubic yards of soil. Stockpile samples are composed of four discrete soil samples, each collected from an arbitrary location on the stockpile. The four discrete samples are then composited in the laboratory prior to analysis.

Each discrete stockpile sample is collected by removing the upper 12 to 18 inches of soil, and then driving the stainless steel or brass sample tube into the stockpiled material with a mallet or drive sampler. The sample tubes are then covered on both ends with teflon sheeting, capped, labeled, and placed in a cooler with blue ice for preservation. A chain-of-custody form is initiated in the field and accompanies the selected soil samples to the analytical laboratory. Stockpiled soils are covered with plastic sheeting after completion of sampling.

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's # 0001

ALLWASTE Carrier

Agent's No.

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading.

at MARCH 19 19 97 from CHEVRON PRODUCTS COMPANY

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination if it mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to SANIFILL (REDWOOD LANDFILL)

Destination 8950 REDWOOD HIGHWAY, NOVATO State of CA Zip Code 94945 County of MARIN

Routing 051PC Delivering Carrier _____ Vehicle or Car Initial _____ No. _____

Collect On Delivery C. O. D. charge to be paid by Shipper Consignee

\$ _____ and remit to: _____ Street _____ City _____ State _____

No. Packages	Description of Articles, Special Marks, and Exceptions	Weight (Sub. to Cor.)	Class of Rate	Check Column
1	SOIL (18 C.Y.) CHEVRON SS#9-2029, 890 W. MACARTHUR BLVD., OAKLAND, CA			

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here, "TO BE PREPAID."

Received \$ _____ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____ (the signature here acknowledges only the amount Prepaid.)

Charges Advanced: \$ _____

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight" NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

CHEVRON PRODUCTS COMPANY Shipper, Per X [Signature] ALLWASTE Agent, Per X [Signature]

Permanent post-office address of shipper, _____ (This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record. Shipper's # 0002

ALLWASTE Carrier Agent's No.

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at MARCH 19 19 97 from CHEVRON PRODUCTS COMPANY

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(Mail or street address of consignee—For purposes of notification only.)

Consigned to SANIFILL (REDWOOD LANDFILL)

Destination 8950 REDWOOD HIGHWAY, NOVATO State of CA Zip Code 94945 County of MARIN

Routing 051PC Delivering Vehicle Carrier _____ or Car Initial _____ No. _____

Collect On Delivery \$ _____ and remit to: _____ C. O. D. charge to be paid by Shipper Consignee

Street _____ City _____ State _____

No. Packages	Description of Articles, Special Marks, and Exceptions	Weight (Sub. to Cor.)	Class or Rate	Check Column
IM	SOIL (18 C.Y.) CHEVRON SS#9-2029, 890 W. MACARTHUR BLVD., OAKLAND, CA			

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Agent or Cashier

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Charges Advanced:

\$ _____

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The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per

CHEVRON PRODUCTS COMPANY Shipper, Per James P. Miller ALLWASTE Agent, Per [Signature] 3

Permanent post-office address of shipper.

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

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ALLWASTE Carrier Agent's No.

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(Mail or street address of consignee—For purposes of notification only.)

Consigned to SANIFILL (REDWOOD LANDFILL)

Destination 8950 REDWOOD HIGHWAY, NOVATO State of CA Zip Code 94945 County of MARIN

Routing 051PC Delivering Vehicle Carrier _____ or Car Initial _____ No. _____

Collect On Delivery \$ _____ and remit to: _____ C. O. D. charge to be paid by Shipper Consignee

Street _____ City _____ State _____

No. Packages	Description of Articles, Special Marks, and Exceptions	*Weight (Sub. to Cor.)	Class or Rate	Check Column
1	SOIL (18 C.Y.) CHEVRON SS#9-2029, 890 W. MACARTHUR BLVD., OAKLAND, CA			

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(Signature of Consignor.)

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Agent or Cashier

Per _____ (the signature here acknowledges only the amount Prepaid.)

Charges Advanced:

\$ _____

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The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

CHEVRON PRODUCTS COMPANY Shipper, Per [Signature] ALLWASTE Agent, Per [Signature] 3

Permanent post-office address of shipper, _____ (This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

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Shipper's # 0004

ALLWASTE Carri.

Agent's No.

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading.

at MARCH 19 19 97 from CHEVRON PRODUCTS COMPANY

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(Mail or street address of consignee—For purposes of notification only.)

Consigned to SANIFILL (REDWOOD LANDFILL)

Destination 8950 REDWOOD HIGHWAY, NOVATO State of CA Zip Code 94945 County of MARIN

Routing 051PC Delivering Carrier _____ Vehicle or Car Initial _____ No. _____

Collect On Delivery \$ _____ and remit to: _____ C. O. D. charge to be paid by Shipper Consignee

Street _____ City _____ State _____

No. Packages	Description of Articles, Special Marks, and Exceptions	Weight (Sub. to Cor.)	Class or Rate	Check Column
1	SOIL (18 C.Y.) CHEVRON SS#9-2029, 890 W. MACARTHUR BLVD., OAKLAND, CA			

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here, "TO BE PREPAID."

Received \$ _____ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____ (the signature here acknowledges only the amount prepaid.)

Charges Advanced: \$ _____

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The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per

CHEVRON PRODUCTS COMPANY Shipper, Per J. P. DW ALLWASTE Agent, Per [Signature] 3

Permanent post-office address of shipper, _____

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

This Memorandum

is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's # **0005**

ALLWASTE Carrier

Agent's No.

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading,

at **MARCH 19** 19 **97** from **CHEVRON PRODUCTS COMPANY**

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to **SANIFILL (REDWOOD LANDFILL)**

Destination **8950 REDWOOD HIGHWAY, NOVATO** State of **CA** Zip Code **94945** County of **MARIN**

Routing **051PC** Delivering Carrier _____ Vehicle or Car Initial _____ No. _____

Collect On Delivery

\$ _____ and remit to: _____

C. O. D. charge to be paid by Shipper Consignee

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Charges Advanced:

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The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

CHEVRON PRODUCTS COMPANY

Shipper, Per *[Signature]*

ALLWASTE

Agent, Per *[Signature]*

Permanent post-office address of shipper,

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

This Memorandum

is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record. Shipper's # **0011**

ALLWASTECarrier

Agent's No.

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(Mail or street address of consignee—For purposes of notification only.)

Consigned to **SANIFILL (REDWOOD LANDFILL)**

Destination **8950 REDWOOD HIGHWAY, NOVATO** State of **CA** Zip Code **94945** County of **MARIN**

Routing **050PC** Delivering Carrier _____ Vehicle or Car Initial _____ No. _____

Collect On Delivery and remit to: _____ C. O. D. charge to be paid by Shipper Consignee

Street _____ City _____ State _____

No. Packages	Description of Articles, Special Marks, and Exceptions	Weight (Sub. to Car.)	Class or Rate	Check Column
1	SOIL (18 C.Y.) CHEVRON SS#9-2029, 890 W. MACARTHUR BLVD., OAKLAND, CA			

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The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per

CHEVRON PRODUCTS COMPANY

Shipper, Per *[Signature]*

ALLWASTE

Agent, Per *[Signature]* **3**

Permanent post-office address of shipper, _____

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This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record. Shipper's # 0012

ALLWASTE Carrier Agent's No.

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading,

at **MARCH 19** 19 **97** from **CHEVRON PRODUCTS COMPANY**

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to **SANIFILL (REDWOOD LANDFILL)**

Destination **8950 REDWOOD HIGHWAY, NOVATO** State of **CA** Zip Code **94945** County of **MARTIN**

Routing **050PC** Delivering Vehicle **or Car Initial** No. _____
Carrier _____

Collect On Delivery \$ _____ and remit to: _____

C. O. D. charge to be paid by Shipper Consignee

Street _____ City _____ State _____

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

No. Packages	Description of Articles, Special Marks, and Exceptions	Weight (Sub. to Car.)	Class or Rate	Check Column
1	SOIL (18 C.Y.)			
	CHEVRON SS#9-2029, 890 W. MACARTHUR BLVD., OAKLAND, CA			

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here, "TO BE PREPAID."

Received \$ _____ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier _____

Per _____ (the signature here acknowledges only the amount Prepaid.)

Charges Advanced: \$ _____

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.
The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

CHEVRON PRODUCTS COMPANY Shipper, Per *James P. Miller* **ALLWASTE** Agent, Per *J. Miller*

Permanent post-office address of shipper, _____ (This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

This Memorandum

is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's # 0013

ALLWASTECarrier

Agent's No.

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading.

at **MARCH 19** 19 **97** from **CHEVRON PRODUCTS COMPANY**

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination, it is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to **SANIFILL (REDWOOD LANDFILL)**

Destination **8950 REDWOOD HIGHWAY, NOVATO** State of **CA** Zip Code **94945** County of **MARIN**

Routing **050PC** Delivering Vehicle Carrier _____ or Car Initial _____ No. _____

Collect On Delivery

\$ _____ and remit to: _____

C. O. D. charge to be paid by Shipper Consignee

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here, "TO BE PREPAID."

Received \$ _____ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____ (the signature here acknowledges only the amount Prepaid.)

Charges Advanced:

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

\$ _____

CHEVRON PRODUCTS COMPANY

Shipper, Per *[Signature]*

ALLWASTE

Agent, Per *[Signature]*

Permanent post-office address of shipper.

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's # 0014

ALLWASTE Carrier Agent's No.

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading.

at MARCH 19 19 97 from CHEVRON PRODUCTS COMPANY

The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to SANIFILL (REDWOOD LANDFILL)

Destination 8950 REDWOOD HIGHWAY, NOVATO State of CA Zip Code 94945 County of MARIN

Routing 050PC Delivering Carrier _____ Vehicle or Car Initial _____ No. _____

Collect On Delivery _____ and remit to: _____ C. O. D. charge to be paid by { Shipper Consignee

Street _____ City _____ State _____

No. Packages	Description of Articles, Special Marks, and Exceptions	Weight (Sub. to Car.)	Class or Rate	Check Column
1	SOIL (18 C.Y.) CHEVRON SS#9-2029, 890 W. MACARTHUR BLVD., OAKLAND, CA			

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here, "TO BE PREPAID."

Received \$ _____ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____ (the signature here acknowledges only the amount prepaid.)

Charges Advanced: \$ _____

If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

CHEVRON PRODUCTS COMPANY Shipper, Per [Signature] ALLWASTE Agent, Per [Signature] 3

Permanent post-office address of shipper: _____ (This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

31072

TF NUMBER: CH032197-7

NON-HAZARDOUS WATER TRANSPORT FORM

GENERATOR INFORMATION

NAME: Chevron

ADDRESS: 6001 Bollinger Canyon Rd. Bldg. L

CITY, STATE, ZIP: San Ramon, CA 94583-0804 PHONE #: _____

(CHECK OPTION OF WATER MONITORING WELL / POSE / INSTANT WATER)

I CERTIFY THAT THE MATERIAL IS A LIQUID, EXEMPT FROM RCRA PER 49 CFR 261.4(b)(1) AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS DESCRIBED IN 49 CFR PART 261 FOR ANY OTHER APPLICABLE STATE LAW. HAS BEEN PROPERLY CHARACTERIZED, CLASSIFIED AND PACKAGED AND IS IN PROPER CONTAINMENT FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS.

Steve Carter
GENERATOR/AUTHORIZED AGENT

Steve Carter For Chevron
SIGNATURE & DATE

SITE INFORMATION

Site Operator	Address	Gals.
<u>49 2029</u>	<u>890 W. MacArthur Oakland, CA</u>	<u>2,000</u>
TOTAL GALLONS:		<u>2,000</u>

TRANSPORTER INFORMATION

NAME: IWM, Inc.

ADDRESS: 950 Ames Avenue

CITY, STATE, ZIP: Milpitas, CA 95035 PHONE #: (408) 942-8955

TRUCK ID #: 102 Bill Peris Bill Peris 3-27-97

(Typed or printed full name & signature) (Date)

RECEIVING FACILITY

NAME: McKittrick WTS/ IWM, Inc.

ADDRESS: 36533 Hwy 58W

CITY, STATE, ZIP: McKittrick, CA 93251 PHONE #: (805) 762-7366

APPROVAL #: 597-318-PS KATHY MAHONEY 3-27-97

(Typed or printed full name & signature) (Date)

30985

TF NUMBER: CH032097-1

NON-HAZARDOUS WATER TRANSPORT FORM

GENERATOR INFORMATION

NAME: Chevron

ADDRESS: 6001 Bollinger Canyon Rd. Bldg. 1.

CITY, STATE, ZIP: San Ramon, CA 94583-0804 PHONE #: _____

DESCRIPTION OF WATER: MONITORING WELL PIGGE / UNDER WATER

I CERTIFY THAT THE MATERIAL IS A LIQUID, EXEMPT FROM RCRA PER 40 CFR 261.4 AND THAT IT DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS DESCRIBED IN 40 CFR PART 261 (OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY CHARACTERIZED, CLASSIFIED AND PACKAGED AND IS IN PROPER CONTAINMENT FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS

Steve Carter
GENERATOR/AUTHORIZED AGENT

Steve Carter For Chevron
SIGNATURE & DATE:

SITE INFORMATION

Site Operator: _____ Address: _____ Gal: _____

#9 2029 890 W. MacArthur Oakland, CA

TOTAL GALLONS: 3800

TRANSPORTER INFORMATION

NAME: IWM, Inc.

ADDRESS: 950 Ames Avenue

CITY, STATE, ZIP: Milpitas, CA 95035 PHONE #: (408) 942-8955

TRUCK ID #: 102 *Bill Penn* 3-20-97
(Typed or printed full name & signature) (Date)

RECEIVING FACILITY

NAME: McKittrick WTS/ IWM, Inc. PH 7-0 2342

ADDRESS: 36533 Hwy 58W

CITY, STATE, ZIP: McKittrick, CA 93251 PHONE #: (805) 762-7366

APPROVAL #: 397-318-PS *Connie Williams* 3-20-97
(Typed or printed full name & signature) (Date)



Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834

(415) 364-9600
(510) 988-9600
(916) 921-9600

FAX (415) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

Gettler-Ryan
6747 Sierra Ct., Ste. J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron #9-2029
Sample Matrix: Water
Analysis Method: EPA 5030/8015 Mod./8020
First Sample #: 703-0106

Sampled: Mar 3, 1997
Received: Mar 3, 1997
Reported: Mar 4, 1997

QC Batch Number:

GC030497

802004A

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 703-0106 BT
Purgeable Hydrocarbons	50	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Total Xylenes	0.50	N.D.

Chromatogram Pattern: --

Quality Control Data

Report Limit Multiplication Factor:	2.0
Date Analyzed:	3/4/97
Instrument Identification:	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	106

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271


Jim Bava
Project Manager



Sequoia Analytical

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819 Striker Avenue, Suite 8

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FAX (916) 921-0100

Gettler-Ryan
6747 Sierra Ct., Ste. J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron #9-2029
Matrix: Liquid

QC Sample Group: 7030106

Reported: Mar 6, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC030497 802004A	GC030497 802004A	GC030497 802004A	GC030497 802004A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb
MS/MSD #:	7030034	7030034	7030034	7030034
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/4/97	3/4/97	3/4/97	3/4/97
Analyzed Date:	3/4/97	3/4/97	3/4/97	3/4/97
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
Result:	17	19	19	59
MS % Recovery:	-	95	95	98
Dup. Result:	17	20	21	63
MSD % Recov.:	-	100	105	105
RPD:	-	5.1	10	6.6
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	4LCS030497	4LCS030497	4LCS030497	4LCS030497
Prepared Date:	3/4/97	3/4/97	3/4/97	3/4/97
Analyzed Date:	3/4/97	3/4/97	3/4/97	3/4/97
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
LCS Result:	21	21	21	63
LCS % Recov.:	105	105	105	105


MS/MSD LCS Control Limits	70-130	70-130	70-130	70-130
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Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

SEQUOIA ANALYTICAL, #1271


Jim Bava
Project Manager



Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8

Redwood City, CA 94063
Walnut Creek, CA 94598
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FAX (510) 988-9673
FAX (916) 921-0100

Gettler-Ryan
6747 Sierra Ct., Ste. J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron #9-2029
Sample Descript: Water
Analysis for: MTBE (Modified EPA 8020)
First Sample #: 703-0106

Sampled: Mar 3, 1997
Received: Mar 3, 1997
Analyzed: Mar 4, 1997
Reported: Mar 7, 1997

LABORATORY ANALYSIS FOR: MTBE (Modified EPA 8020)

Sample Number	Sample Description	Detection Limit $\mu\text{g/L}$	Sample Result $\mu\text{g/L}$	QC Batch Number	Instrument ID
703-0106	BT	5.0	970	GC030497802004A	HP-4

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer

Melissa A. Brewer
Client Services Representative

703-0106.GGG <1>



Sequoia Analytical

680 Chesapeake Drive Redwood City, CA 94063 (415) 364-9600 FAX (415) 364-9233
 404 N. Wiget Lane Walnut Creek, CA 94598 (510) 988-9600 FAX (510) 988-9673
 819 Striker Avenue, Suite 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100

Gettler-Ryan 6747 Sierra Ct. Ste. J Dublin, CA 94568 Attention: Barbara Sieminski	Client Project ID: Chevron #9-2029 Sample Matrix: Soil Analysis Method: EPA 5030/8015 Mod./8020 First Sample #: 702-1441	Sampled: Feb 26, 1997 Received: Feb 26, 1997 Reported: Feb 27, 1997
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QC Batch Number: SP022797 8020EXA SP022797 8020EXA SP022797 8020EXA SP022797 8020EXA SP022797 8020EXA SP022797 8020EXA

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

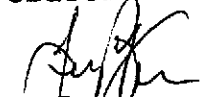
Analyte	Reporting Limit mg/kg	Sample I.D. 702-1441 S1-3	Sample I.D. 702-1442 S2-3	Sample I.D. 702-1443 S3-3	Sample I.D. 702-1444 S4-3	Sample I.D. 702-1445 S5-3	Sample I.D. 702-1446 S6-3
Purgeable Hydrocarbons	1.0	N.D.	6.0	4.1	2.0	38	N.D.
Benzene	0.0050	N.D.	N.D.	0.0098	0.016	0.63	N.D.
Toluene	0.0050	N.D.	N.D.	0.0087	0.0088	0.14	N.D.
Ethyl Benzene	0.0050	N.D.	N.D.	0.027	N.D.	0.90	N.D.
Total Xylenes	0.0050	0.011	0.0079	0.026	0.015	0.37	N.D.
MTBE:	0.050	0.087	0.38	0.44	0.42	0.62	N.D.
Chromatogram Pattern:	--	--	Unidentified Hydrocarbons > C8	Gasoline & Discrete Peaks	Gasoline & Discrete Peaks	Gasoline	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	10	1.0
Date Analyzed:	2/27/97	2/27/97	2/27/97	2/27/97	2/27/97	2/27/97
Instrument Identification:	HP-4	HP-5	HP-5	HP-5	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	109	95	95	100	108	111

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
 Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271


 Jim Bava
 Project Manager



Gettler-Ryan
6747 Sierra Ct. Ste. J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: **Chevron #9-2029**
Matrix: **Solid**

QC Sample Group: 7021441-446

Reported: **Mar 3, 1997**

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	SP022797 8020EXA	SP022797 8020EXA	SP022797 8020EXA	SP022797 8020EXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb
MS/MSD #:	7021446	7021446	7021446	7021446
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	2/27/97	2/27/97	2/27/97	2/27/97
Analyzed Date:	2/27/97	2/27/97	2/27/97	2/27/97
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	0.40 mg/kg	0.40 mg/kg	0.40 mg/kg	1.2 mg/kg
Result:	0.44	0.45	0.44	1.3
MS % Recovery:	110	113	110	108
Dup. Result:	0.42	0.44	0.43	1.3
MSD % Recov.:	105	110	108	108
RPD:	4.7	2.2	2.3	0.0
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	4LCS022797	4LCS022797	4LCS022797	4LCS022797
Prepared Date:	2/27/97	2/27/97	2/27/97	2/27/97
Analyzed Date:	2/27/97	2/27/97	2/27/97	2/27/97
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
LCS Result:	20	21	20	62
LCS % Recov.:	100	105	100	103

MS/MSD LCS Control Limits	60-140	60-140	60-140	60-140
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Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

SEQUOIA ANALYTICAL, #1271

Jim Bava
Jim Bava
Project Manager



Sequoia Analytical

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FAX (916) 921-0100

Gettler-Ryan
6747 Sierra Ct. Ste. J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron #9-2029
Matrix: Solid

QC Sample Group: 7021441-446

Reported: Mar 3, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	SP022597 8020EXA	SP022597 8020EXA	SP022597 8020EXA	SP022597 8020EXA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	K. Nill	K. Nill	K. Nill	K. Nill
MS/MSD #:	7021073	7021073	7021073	7021073
Sample Conc.:	N.D.	0.0053 µg/L	0.017 µg/L	0.024 µg/L
Prepared Date:	2/25/97	2/25/97	2/25/97	2/25/97
Analyzed Date:	2/25/97	2/25/97	2/25/97	2/25/97
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5
Conc. Spiked:	0.40 mg/kg	0.40 mg/kg	0.40 mg/kg	1.2 mg/kg
Result:	0.52	0.50	0.54	1.5
MS % Recovery:	130	124	131	123
Dup. Result:	0.52	0.49	0.54	1.5
MSD % Recov.:	130	122	131	123
RPD:	0.0	2.0	0.0	0.0
RPD Limit:	0-25	0-25	0-25	0-25

LCS #:	5LCS022597	5LCS022597	5LCS022597	5LCS022597
Prepared Date:	2/25/97	2/25/97	2/25/97	2/25/97
Analyzed Date:	2/25/97	2/25/97	2/25/97	2/25/97
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L
LCS Result:	22	20	22	61
LCS % Recov.:	110	100	110	102


MS/MSD LCS Control Limits	60-140	60-140	60-140	60-140
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Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

SEQUOIA ANALYTICAL, #1271


Jim Bava
Project Manager

Chevron U.S.A. Inc. P.O. BOX 5004 San Ramon, CA 94583 FAX (415)842-9591	Chevron Facility Number <u>9-2029</u> Facility Address <u>890 West MacArthur Blvd, Oakland</u> Consultant Project Number <u>1205-02</u> Consultant Name <u>Gettler-Ryan</u> Address <u>6747 Sierra Ct, Ste J, Dublin 94568</u> Project Contact (Name) <u>Barbara Sieminski</u> (Phone) <u>551-7555</u> (Fax Number) <u>551-7888</u>	Chevron Contact (Name) <u>Phil Briggs</u> (Phone) _____ Laboratory Name <u>Squoa 9702339</u> Laboratory Release Number <u>4512832</u> Samples Collected by (Name) <u>Barbara Sieminski</u> Collection Date <u>02/26/97</u> Signature <u>Sieminski</u>
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Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed										Remarks	
								TPH Gas + BTEX w/MTBE (8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)				
51-3		1	S	G	14:40		Yes	X										7021441	
52-3		1			14:45			X										7021442	
53-3		1			14:56			X										7021443	
54-3		1			15:05			X										7021444	
55-3		1			15:10			X										7021445	
56-3		1	↓	↓	14:20		↓	Y										7021446	

Relinquished By (Signature) <u>Barbara Sieminski</u>	Organization <u>G-R</u>	Date/Time <u>02/26/97</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>SAL</u>	Date/Time <u>02/26/97</u>	Turn Around Time (Circle Choice) <input checked="" type="radio"/> 24 Hrs. <input type="radio"/> 48 Hrs. <input type="radio"/> 5 Days <input type="radio"/> 10 Days <input type="radio"/> As Contracted
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)	Organization	Date/Time	

COC-3.DWG/03 91/MCH



Sequoia Analytical

680 Chesapeake Drive
404 N. Wiget Lane
819 Striker Avenue, Suite 8

Redwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834

(415) 364-9600
(510) 988-9600
(916) 921-9600

FAX (415) 364-9233
FAX (510) 988-9673
FAX (916) 921-0100

Gettler-Ryan	Client Project ID: Chevron #9-2029	Sampled: Feb 26, 1997
6747 Sierra Ct. Ste. J	Sample Matrix: Soil	Received: Feb 26, 1997
Dublin, CA 94568	Analysis Method: EPA 5030/8015 Mod./8020	Reported: Feb 27, 1997
Attention: Barbara Sieminski	First Sample #: 702-1440	

QC Batch Number: SP022797

8020EXA

GENERAL CONTRACTORS

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 702-1440 SP (A-D)
Purgeable Hydrocarbons	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Total Xylenes	0.0050	N.D.

Chromatogram Pattern: --

Quality Control Data

Report Limit Multiplication Factor:	1.0
Date Analyzed:	2/27/97
Instrument Identification:	HP-4
Surrogate Recovery, %: (QC Limits = 70-130%)	114

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Jim Bava
Project Manager



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Gettler-Ryan
6747 Sierra Ct. Ste. J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron #9-2029
Sample Descript: Soil
Analysis for: Lead
First Sample #: 702-1440

Sampled: Feb 26, 1997
Received: Feb 26, 1997
Digested: Feb 27, 1997
Analyzed: Feb 27, 1997
Reported: Feb 27, 1997

LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg	QC Batch Number	Instrument ID
702-1440	SP (A-D)	2.5	5.5	ME0227976010MDA	MV-1

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271


Jim Bava
Project Manager



Gettler-Ryan
6747 Sierra Ct. Ste. J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: **Chevron #9-2029**
Matrix: **Solid**

QC Sample Group: 7021440

Reported: **Mar 3, 1997**

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Lead
QC Batch#:	SP022797	SP022797	SP022797	SP022797	ME022797
	8020EXA	8020EXA	8020EXA	8020EXA	6010MDA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 7420
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 3050
Analyst:	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb	T. Le
MS/MSD #:	7021446	7021446	7021446	7021446	7021440
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	5.5 mg/kg
Prepared Date:	2/27/97	2/27/97	2/27/97	2/27/97	2/27/97
Analyzed Date:	2/27/97	2/27/97	2/27/97	2/27/97	2/27/97
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4	MV-1
Conc. Spiked:	0.40 mg/kg	0.40 mg/kg	0.40 mg/kg	1.2 mg/kg	50 mg/kg
Result:	0.44	0.45	0.44	1.3	51
MS % Recovery:	110	113	110	108	91
Dup. Result:	0.42	0.44	0.43	1.3	52
MSD % Recov.:	105	110	108	108	93
RPD:	4.7	2.3	2.3	0.0	1.9
RPD Limit:	0-25	0-25	0-25	0-25	0-20

LCS #:	4LCS022797	4LCS022797	4LCS022797	4LCS022797	LCS022797
Prepared Date:	2/27/97	2/27/97	2/27/97	2/27/97	2/27/97
Analyzed Date:	2/27/97	2/27/97	2/27/97	2/27/97	2/27/97
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4	MV-1
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	50 mg/kg
LCS Result:	20	21	20	62	49
LCS % Recov.:	100	105	100	103	98

MS/MSD LCS Control Limits	60-140	60-140	60-140	60-140	80-120
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SEQUOIA ANALYTICAL, #1271

Jim Bava
Jim Bava
Project Manager

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference



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FAX (916) 921-0100

Gettler-Ryan
6747 Sierra Ct., Ste. J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron #9-2029
Sample Matrix: Soil
Analysis Method: EPA 5030/8015 Mod./8020
First Sample #: 703-0331

Sampled: Mar 5, 1997
Received: Mar 5, 1997
Reported: Mar 7, 1997

QC Batch Number:

SP030597

8020EXA

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit mg/kg	Sample I.D. 703-0331 SP1-(A-D)
Purgeable Hydrocarbons	1.0	1.3
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	0.017
Total Xylenes	0.0050	0.055
Chromatogram Pattern:		Gasoline

Quality Control Data

Report Limit Multiplication Factor:	1.0
Date Analyzed:	3/6/97
Instrument Identification:	HP-5
Surrogate Recovery, %: (QC Limits = 70-130%)	113

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer

for Jim Bava
Project Manager



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Walnut Creek, CA 94598
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FAX (415) 364-9233
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Gettler-Ryan
6747 Sierra Ct., Ste. J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron #9-2029
Sample Descript: Soil
Analysis for: Lead
First Sample #: 703-0331

Sampled: Mar 5, 1997
Received: Mar 5, 1997
Digested: Mar 6, 1997
Analyzed: Mar 7, 1997
Reported: Mar 7, 1997

LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg	QC Batch Number	Instrument ID
703-0331	SP1-(A-D)	1.0	7.5	ME0306976010MDA	MV-3

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

Melissa A. Brewer

for Jim Bava
Project Manager





Gettler-Ryan
6747 Sierra Ct., Ste. J
Dublin, CA 94568
Attention: Barbara Sieminski

Client Project ID: Chevron #9-2029
Matrix: Solid

QC Sample Group: 7030331

Reported: Mar 7, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Lead
QC Batch#:	SP030697 8020EXA	SP030697 8020EXA	SP030697 8020EXA	SP030697 8020EXA	ME030697 6010MDA
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 6010
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 3050
Analyst:	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb	J. Kelly
MS/MSD #:	7030188	7030188	7030188	7030188	7030249
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	72 mg/kg
Prepared Date:	3/5/97	3/5/97	3/5/97	3/5/97	3/6/97
Analyzed Date:	3/5/97	3/5/97	3/5/97	3/5/97	3/7/97
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5	MV-3
Conc. Spiked:	0.40 mg/kg	0.40 mg/kg	0.40 mg/kg	1.2 mg/kg	50 mg/kg
Result:	0.36	0.34	0.37	1.1	120
MS % Recovery:	90	85	93	92	96
Dup. Result:	0.35	0.33	0.36	1.0	120
MSD % Recov.:	88	83	90	83	96
RPD:	2.8	3.0	2.7	9.5	0.0
RPD Limit:	0-25	0-25	0-25	0-25	0-20

LCS #:	5LCS030697	5LCS030697	5LCS030697	5LCS030697	LCS030697
Prepared Date:	3/6/97	3/6/97	3/6/97	3/6/97	3/6/97
Analyzed Date:	3/6/97	3/6/97	3/6/97	3/6/97	3/7/97
Instrument I.D.#:	HP-5	HP-5	HP-5	HP-5	MV-3
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	50 mg/kg
LCS Result:	21	20	21	61	52
LCS % Recov.:	105	100	105	102	104

MS/MSD LCS Control Limits	60-140	60-140	60-140	60-140	80-120
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Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS=Matrix Spike, MSD=MS Duplicate, RPD=Relative % Difference

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Jim Eava
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Project Manager

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Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water C = Charcoal	A = Air C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed										Remarks	
								TPH Gas + BTEX w/Hexane (8020)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)	Total Lead			
SPI-A		1	S	C	16:15		Yes	X									X	7030331	A-D
SPI-B		1			16:18			X									X		
SPI-C		1			16:22			X									X		
SPI-D		1			16:25			X									X		

Relinquished By (Signature) <u>Barbara Sieminski</u>	Organization <u>G-R</u>	Date/Time <u>03/05/97</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time	Turn Around Time (Circle Choice) 24 Hrs. <u>48 Hrs.</u> 5 Days 10 Days As Contracted
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>		Date/Time <u>3/5/97</u>	

COC-3.DWG/03 01/7/97