

Pratt Consulting Company
Independent Third Party Sampling
Monitoring Well Services

Environmental Sampling
Water Quality Surveys
Recovery Well Services

Office Location
1845 Robin Lane
Suite 106
Concord, California 94520

Complete Bailing, Purging, Developing And Sampling Services For
Monitoring And Recovery Wells In The Following States:
California, Oregon, Washington, Idaho, Nevada, Utah, Arizona and Florida
Comprehensive Drinking Water Quality Survey's

Telephone Numbers
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**REPORT ON QUARTERLY GROUNDWATER
SAMPLING AND ANALYSIS**

Project Name: Ramos Property
Address: 5293 Crow Canyon Road
City, State, Zip: Castro Valley, California
Project Number: 5098-113.006
Contract Number: 5098-113.002

Client Name: Frank Ramos, Inc.
Contact: Frank Ramos
Address: 2381 Groveway
City, State, Zip: Castro Valley, California 94546

Services Provided: Well Purging & Sampling

Date Sampled: 11/23/91
Date Samples Delivered To Laboratory: 11/28/91
Laboratory Name: Medtox

This report presents the results of the sampling performed by Pratt Consulting Company on November 23, 1991 at the above referenced facility. The following list contains the protocol that we follow when sampling monitoring wells.

- A. Remove well box cover at grade and remove cap on well casing checking the integrity of both. The size of the well and condition of both caps and seals are noted.
- B. Using a water level indicator we measure the distance between the top of well casing and groundwater level before bailing or sampling.
- C. Using the water level indicator we measure the distance from the top of the well casing to the bottom of the well casing.
- D. Between wells we wash and clean the water level indicator.
- E. We calculate the amount of groundwater in the well casing and multiply by 5 times. This represents 5 well casing volumes of water in gallons and we try and evacuate this amount

from the well, when possible, previous to sampling.

- F. We allow the well to recover it's water level to at least 85% of it's original value previous to sampling.
- G. We use Teflon Samplers or Disposable Bailers for sampling.
- H. Well is properly closed up.
- I. Samples are properly contained and labeled, placed on ice in coolers, and then delivered to the state certified laboratory for analysis, accompanied by the chain of custody document.

EQUIPMENT CLEANING PROTOCOL

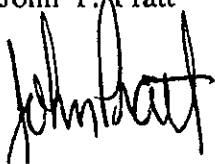
We use Algonox and Liquinox brand cleaners as our detergents. We use fresh water for cleaning and rinsing the equipment. All pieces of equipment are scrubbed clean and then rinsed before being put back into service. If a piece of equipment becomes to heavily contaminated we take it out of service at the expense of the client.

The monitoring wells were sampled in the following order MW-1, MW-2, MW-3, MW-4, MW-5.

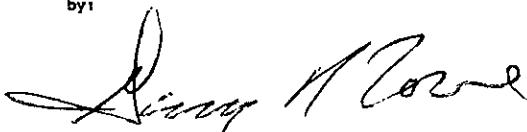
Based on the laboratory results, as reported, the groundwater generated during sampling was discharged from holding tanks or barrels into a local storm drain at the site.

Attached is a copy of the chain of custody document, well information sheets and site map showing the location of the wells (not to scale). We appreciate the opportunity to be of service to you.

Sincerely,
Pratt Consulting Company
John T. Pratt

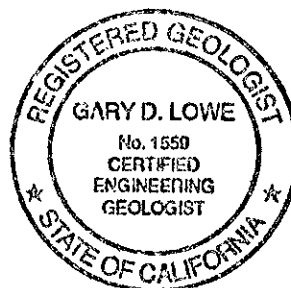


The above groundwater sampling report is the sole responsibility of Pratt Consulting Company. The sampling and equipment decontamination protocol discussed in the report and the sample chain-of-custody procedures are within established environmental industry standards. Adherence to the indicated protocol is the responsibility of Pratt Consulting Company. The reviewer is not responsible for and does not necessarily condone the indicated wastewater disposal practices. This report has been reviewed by:



Gary D. Lowe, R.G., C.E.G.
Principal, Hydrogeologist
H,OGEOLOG A GroundWater Consultany

February 06, 1992



SITE NAME: Ramos Property
 ADDRESS: 5293 Crow Canyon Road
 CITY/STATE: Castro Valley, CA
 DATE: 11/23/91

WELL NUMBER: MW-1

Depth To Groundwater (ft): 16.330
 Total Depth Of Well (ft): 51.140

Top Of Casing Elevation (ft): 0.000
 Groundwater Elevation (ft): 0.000
 Depth To Product (ft): 0.000
 Product Elevation (ft): 0.000
 Product Thickness (ft): 0.000

Diameter Of Well (inches): 2.000
 Well Column In Groundwater (ft): 34.810
 Groundwater In Well Column (gls): 5.570
 Product In Well Column (gls): 0.000
 GW/Product Removed From Well (gls): 30.000

Manway Or Stove Pipe: Stovepipe

PH Reading After Stabalization: 8.960
 Temp (F) Reading After Stabalization: 65.900
 Conductance After Stabalization: 1,192.000

Condition Of Water: Clear
 Petroleum Odor Present: No

Type Of Bailer/Pump Used: 2" SS Air Lift
 Type Of Sampler Used: Teflon Sampler

LAB ANALYSIS	RESULTS	DETECTION LIMIT
TPH/Gasoline (mg/L):	ND	0.050
TPH/Diesel (mg/L):	NA	0.050
Benzene (ug/L):	ND	0.300
Toluene (ug/L):	ND	0.300
Ethylbenzene (ug/L):	ND	0.300
Xylenes (ug/L):	ND	1.000
EPA Method 8010 (ug/L):	NA	0.500
EPA Method 8080 (ug/L):	NA	0.500
EPA Method 8270 (mg/L):	NA	0.050
Oil & Grease (mg/L):	NA	0.500
Cadmium (mg/L):	NA	0.005
Chromium (mg/L):	NA	0.005
Lead (mg/L):	NA	0.020
Zinc (mg/L):	NA	0.005

ND For "Non-Detected"
 NA For "Not-Applicable"

SITE NAME: Ramos Property
 ADDRESS: 5293 Crow Canyon Road
 CITY/STATE: Castro Valley, CA
 DATE: 11/23/91

WELL NUMBER: MW-2

Depth To Groundwater (ft): 10.050
 Total Depth Of Well (ft): 30.300

Top Of Casing Elevation (ft): 0.000
 Groundwater Elevation (ft): 0.000
 Depth To Product (ft): 0.000
 Product Elevation (ft): 0.000
 Product Thickness (ft): 0.000

Diameter Of Well (inches): 2.000
 Well Column In Groundwater (ft): 20.250
 Groundwater In Well Column (gls): 3.240
 Product In Well Column (gls): 0.000
 GW/Product Removed From Well (gls): 30.000

Manway Or Stove Pipe: Stovepipe

PH Reading After Stabalization: 8.370
 Temp (F) Reading After Stabalization: 68.000
 Conductance After Stabalization: 1,349.000

Condition Of Water: Clear
 Petroleum Odor Present: No

Type Of Bailer/Pump Used: 2" SS Air Lift
 Type Of Sampler Used: Teflon Sampler

LAB ANALYSIS	RESULTS	DETECTION LIMIT
TPH/Gasoline (mg/L):	ND	0.050
TPH/Diesel (mg/L):	NA	0.050
Benzene (ug/L):	ND	0.300
Toluene (ug/L):	ND	0.300
Ethylbenzene (ug/L):	ND	0.300
Xylenes (ug/L):	ND	1.000
EPA Method 8010 (ug/L):	NA	0.500
EPA Method 8080 (ug/L):	NA	0.500
EPA Method 8270 (mg/L):	NA	0.050
Oil & Grease (mg/L):	NA	0.500
Cadmium (mg/L):	NA	0.005
Chromium (mg/L):	NA	0.005
Lead (mg/L):	NA	0.020
Zinc (mg/L):	NA	0.005

ND For "Non-Detected"
 NA For "Not-Applicable"

SITE NAME: Ramos Property
ADDRESS: 5293 Crow Canyon Road
CITY/STATE: Castro Valley, CA
DATE: 11/23/91

WELL NUMBER: MW-3

Depth To Groundwater (ft): 16.280
Total Depth Of Well (ft): 59.060

Top Of Casing Elevation (ft): 0.000
Groundwater Elevation (ft): 0.000
Depth To Product (ft): 0.000
Product Elevation (ft): 0.000
Product Thickness (ft): 0.000

Diameter Of Well (inches): 2.000
Well Column In Groundwater (ft): 42.780
Groundwater In Well Column (gls): 6.845
Product In Well Column (gls): 0.000
GW/Product Removed From Well (gls): 30.000

Manway Or Stove Pipe: Stovepipe

PH Reading After Stabalization: 8.680
Temp (F) Reading After Stabalization: 66.000
Conductance After Stabalization: 1,365.000

Condition Of Water: Clear
Petroleum Odor Present: No

Type Of Bailer/Pump Used: 2" SS Air Lift
Type Of Sampler Used: Teflon Sampler

LAB ANALYSIS	RESULTS	DETECTION LIMIT
TPH/Gasoline (mg/L):	ND	0.050
TPH/Diesel (mg/L):	ND	0.050
Benzene (ug/L):	ND	0.300
Toluene (ug/L):	ND	0.300
Ethylbenzene (ug/L):	ND	0.300
Xylenes (ug/L):	ND	1.000
EPA Method 8010 (ug/L):	ND	0.500
EPA Method 8080 (ug/L):	ND	0.500
EPA Method 8270 (mg/L):	ND	0.050
Oil & Grease (mg/L):	ND	0.500
Cadmium (mg/L):	ND	0.005
Chromium (mg/L):	ND	0.005
Lead (mg/L):	ND	0.020
Zinc (mg/L):	ND	0.005

ND For "Non-Detected"
NA For "Not-Applicable"

SITE NAME: Ramos Property
 ADDRESS: 5293 Crow Canyon Road
 CITY/STATE: Castro Valley, CA
 DATE: 11/23/91

WELL NUMBER: MW-4

Depth To Groundwater (ft): 15.470
 Total Depth Of Well (ft): 28.100

Top Of Casing Elevation (ft): 0.000
 Groundwater Elevation (ft): 0.000
 Depth To Product (ft): 0.000
 Product Elevation (ft): 0.000
 Product Thickness (ft): 0.000

Diameter Of Well (inches): 2.000
 Well Column In Groundwater (ft): 12.630
 Groundwater In Well Column (gls): 2.021
 Product In Well Column (gls): 0.000
 GW/Product Removed From Well (gls): 15.000

Manway Or Stove Pipe: Stovepipe

PH Reading After Stabalization: 8.610
 Temp (F) Reading After Stabalization: 66.200
 Conductance After Stabalization: 1,152.000

Condition Of Water: Clear
 Petroleum Odor Present: No

Type Of Bailer/Pump Used: 2" SS Air Lift
 Type Of Sampler Used: Teflon Sampler

LAB ANALYSIS	RESULTS	DETECTION LIMIT
TPH/Gasoline (mg/L):	ND	0.050
TPH/Diesel (mg/L):	NA	0.050
Benzene (ug/L):	ND	0.300
Toluene (ug/L):	ND	0.300
Ethylbenzene (ug/L):	ND	0.300
Xylenes (ug/L):	ND	1.000
EPA Method 8010 (ug/L):	NA	0.500
EPA Method 8080 (ug/L):	NA	0.500
EPA Method 8270 (mg/L):	NA	0.050
Oil & Grease (mg/L):	NA	0.500
Cadmium (mg/L):	NA	0.005
Chromium (mg/L):	NA	0.005
Lead (mg/L):	NA	0.020
Zinc (mg/L):	NA	0.005

ND For "Non-Detected"
 NA For "Not-Applicable"

SITE NAME: Ramos Property
 ADDRESS: 5293 Crow Canyon Road
 CITY/STATE: Castro Valley, CA
 DATE: 11/23/91

WELL NUMBER: MW-5

Depth To Groundwater (ft): 10.100
 Total Depth Of Well (ft): 25.460

Top Of Casing Elevation (ft): 0.000
 Groundwater Elevation (ft): 0.000
 Depth To Product (ft): 0.000
 Product Elevation (ft): 0.000
 Product Thickness (ft): 0.000

Diameter Of Well (inches): 2.000
 Well Column In Groundwater (ft): 15.360
 Groundwater In Well Column (gls): 2.458
 Product In Well Column (gls): 0.000
 GW/Product Removed From Well (gls): 15.000

Manway Or Stove Pipe: Stovepipe

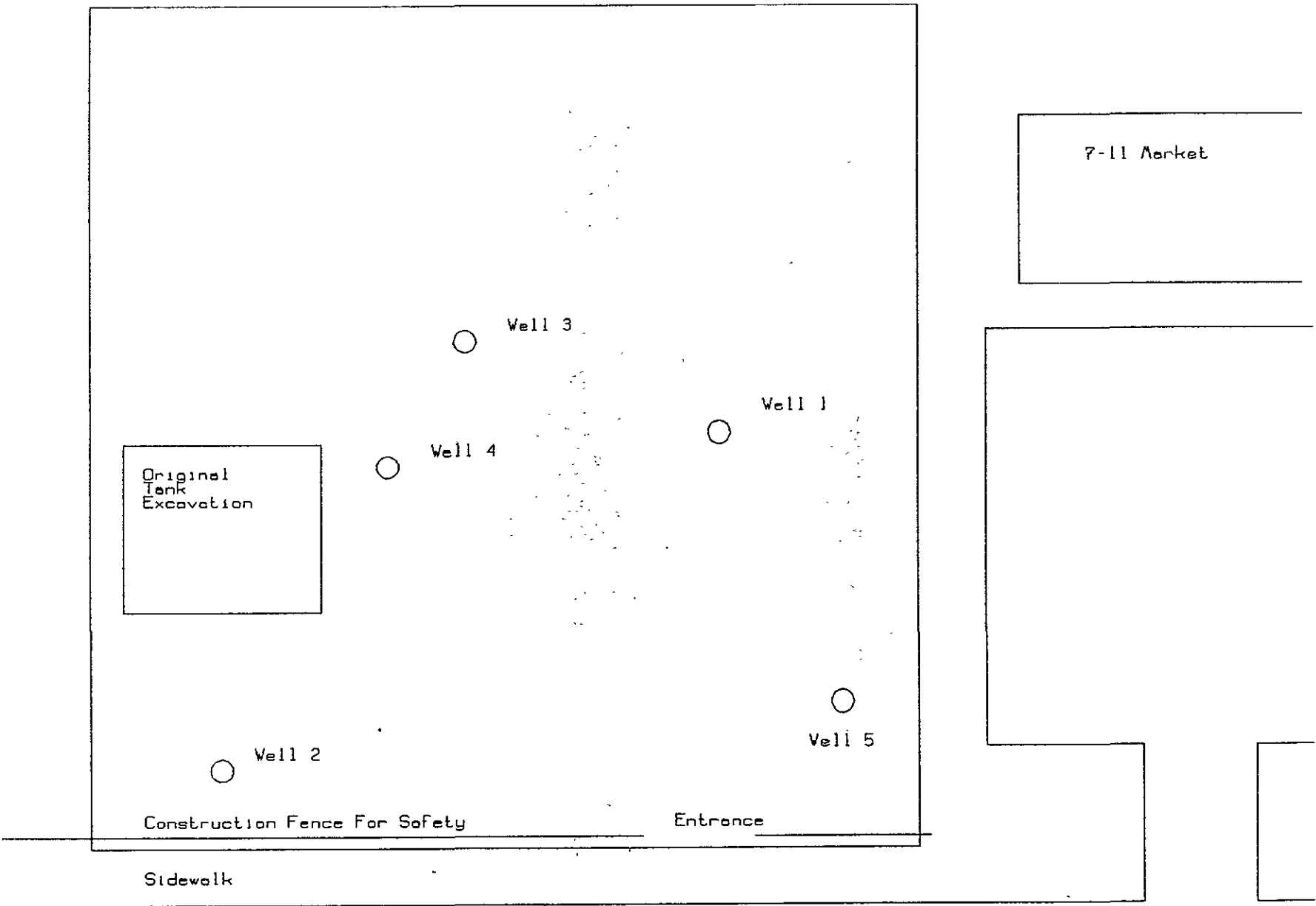
PH Reading After Stabalization: 8.450
 Temp (F) Reading After Stabalization: 66.200
 Conductance After Stabalization: 1,066.000

Condition Of Water: Clear
 Petroleum Odor Present: No.

Type Of Bailer/Pump Used: 2" SS Air Lift
 Type Of Sampler Used: Teflon Sampler

LAB ANALYSIS	RESULTS	DETECTION LIMIT
TPH/Gasoline (mg/L):	ND	0.050
TPH/Diesel (mg/L):	NA	0.050
Benzene (ug/L):	ND	0.300
Toluene (ug/L):	ND	0.300
Ethylbenzene (ug/L):	ND	0.300
Xylenes (ug/L):	ND	1.000
EPA Method 8010 (ug/L):	NA	0.500
EPA Method 8080 (ug/L):	NA	0.500
EPA Method 8270 (mg/L):	NA	0.050
Oil & Grease (mg/L):	NA	0.500
Cadmium (mg/L):	NA	0.005
Chromium (mg/L):	NA	0.005
Lead (mg/L):	NA	0.020
Zinc (mg/L):	NA	0.005

ND For "Non-Detected"
 NA For "Not-Applicable"



5293 Crow Canyon Road Castro Valley, California

