Storm Water Pollution Prevention Plan
for
3744 Depot Road
Hayward, California

Performed For:
Mr. Eric Freeberg
Riverbend Properties
PO Box 9440
Rancho Santa Fe, CA 92067-4440

Prepared By:
PIERS Environmental Services, Inc.
1330 S. Bascom Avenue, Suite F
San Jose, CA 95128

April 1999

1.0 INTRODUCTION

This document reports on the storm water sampling program established for 3744 Depot Road, Hayward, California. Included in this report is information pertaining to the first sampling event and site inspection which took place on 11/9/1998.

The objectives of this monitoring program are to; 1) provide the periodic monitoring of storm water run-off from the Property to help detect and prevent pollutants from entering the storm water systems, and; 2) to meet the monitoring requirements of the State Water Resources Control Board for storm water pollution prevention.

This program is part of the Storm Water Pollution Prevention Plan, and in accordance with the Permit to Operate for facilities of this nature which is anticipated to be issued by the State Water Resources Control Board.

2.0 OBSERVATIONS, DISCHARGE VOLUME, AND SAMPLING ANALYSIS

The Property owner contracted with PIERS Environmental Services, Inc. of San Jose, California to perform property inspections twice per year. The initial inspection, performed on 11/9/1998 involved a physical site walk by a trained environmental inspector who observed operating conditions and practices, looked for evidence of spills, checked containers, hazardous materials storage areas, and general housekeeping practices. The inspector also collected a sample of water from the storm water collection box, documented the sampling event with a Chain-of-Custody, and provided laboratory testing for Total Suspended Solids, Iron, Lead, Aluminum, Ph, Conductivity, Total Organic Carbon, and Total Oil and Grease in accordance with the sampling requirements for SIC code 50515 (Figure 2). This report was prepared by PIERS Environmental Services, Inc. of San Jose, California.

2.1 Observations

Runoff from the Property was observed to swale on the surfaces, generally from east to west, where it accumulates at the low elevation along the west side of the Property, and is channeled toward the north, and eventually into an open storm drainage ditch which runs east to west along the southern border of Depot Road.

2.2 Sampling and Analysis

A storm water sample box has been installed at northwestern corner of the Property (See Figure 1). Water in this box will be sampled semi-annually in accordance with the General Permit.

At each inspection, the inspector collects a sample of water from the storm water collection box, documents the sampling event with a Chain-of-Custody, and provides State Certified laboratory testing for Total Suspended Solids, Iron, Lead, Aluminum, Ph, Conductivity, Total Organic Carbon, and Total Oil and Grease in accordance with the sampling requirements for SIC code 50515 (Figure 2) This report includes the results of these analyses for the first sampling event and is being submitted to the Property owner, Mr. Eric Freeberg.

2.2.1 Sampling

1. Reconnaissance water sample handling, and storage follow guidance documents of the Environmental Protection Agency and Regional Water Quality Control Board and local agency guidelines for the investigation.

2. Reconnaissance water samples are collected from the storm water sample box by using new disposable water sample containers. All sample containers are properly prepared, sealed, labeled, and identified. Label information will include the date, sampler name, sampling time, and identification number, and the project name and number.

3. The samples are delivered to a State Certified Laboratory within two days of collection. Samples are kept on ice and/or refrigerated continuously for shipment to the Laboratory.

4. The sealed samples are only opened by Laboratory personnel who will perform the chemical analysis.

5. The samples are analyzed according to the approved EPA Method and storage for the requested analysis.

2.3.2 Sample Labels

All sample containers will be properly prepared, sealed, labeled, and identified. Label information will include the date, sampler name, sampling time, and identification number, and the project name and number.

A Chain-of Custody (COC) will be filled out for each sample collected. The COC will contain the date, time, sample identification number, samplers name and signature. The COC and samples will remain in the direct custody of the sampler until they are transferred to a courier, or reach the laboratory. Upon delivery to the courier or laboratory, the COC will be signed, dated and the time noted by the recipient. A copy of the signed COC will be kept by the sampler. (Figure 2)

2.3.4 Sample Packaging

Reconnaissance water samples are collected from the storm water sample box by using new disposable water sample containers. All sample containers will be properly prepared, sealed, labeled, and identified.

The samples are delivered to a State Certified Laboratory within two days of collection. Samples will be kept on ice and/or refrigerated continuously for shipment to the Laboratory.

2.3.5 Laboratory Analysis

Each sample is tested at a State Certified laboratory for Total Suspended Solids, Iron, Lead, Aluminum, Ph, Conductivity, Total Organic Carbon, and Total Oil and Grease in accordance with the sampling requirements for SIC code 50515. Analytical procedures are conducted in accordance with the designated EPA Methods for the chemical analyses requested.

The following analysis were performed by Entech Analytical Labs, Inc. on samples obtained from the storm water sample box. The results of the first sampling event are as follows:

SAMPLE ID	COND	ALUM	IRON	LEAD	PH	OIL GREASE	TSS	TOC
FRONT DRAIN	270	0.39	0.33	ND	7.4	9.1	53	44
MEASUREMENT	umhos/cm :	mg/Liter	mg/Liter	mg/Liter	PH	mg/Liter	mg/Liter	mg/Liter

Chain of Custody and laboratory results are contained in Figure 2.

2.4 Testing for Presence of Non-Storm Discharges

Care has been taken during the installation of the storm water sample box at this site to help assure that water collected within the box is representative of the subject Property. Prior to collecting the sample, the sampler walks the perimeter of the Property to observe any potential cross-contamination of the water from adjoining properties.

2.5 Quality Assurance and Quality Control (QA/QC) Program

Laboratory QA/QC sheets will be included with each sample test result.

2.5.1 Elements of the Monitoring Program

The initial sampling commenced within 10 days of the first significant seasonal rainfall of 1998. The Property owner has contracted with PIERS Environmental Services, Inc. of San Jose, California to perform property inspections twice per year. The inspections will be conducted by an employee who has been specifically trained in environmental site inspections, and water sampling techniques.

2.5.2 Monitoring by Trained Personnel

The entire monitoring program will be overseen and conducted by PIERS Environmental Services, Inc., a full service, licensed environmental consulting firm that specializes in environmental site assessments. All work will be performed in accordance with current professional industry standards.

3.0 RECORD-KEEPING SYSTEM AND REPORTING

3.1 Records

Chain of Custody Forms will be filled out in their entirety and signed by the PIERS professional performing the sampling. In addition, site notes and sketches noting any changes on the subject property will be kept on file for each semi-annual site inspection and sampling event. Each semi-annual report will clearly state the current environmental conditions found on the property.

3.2 Reporting

Monitoring Results and site observations will be documented in semi-annual reports to be submitted to the client.

4.0 RECCOMENDATIONS

PIERS recommends to continue the semi-annual sampling program for the subject site.

If you have any questions or concerns, please contact Ben Halsted at 408-559-1248

Respectfully submitted this 13th day of April, 1999

Bennett T. Halsted
Project Manager

FIGURE 1

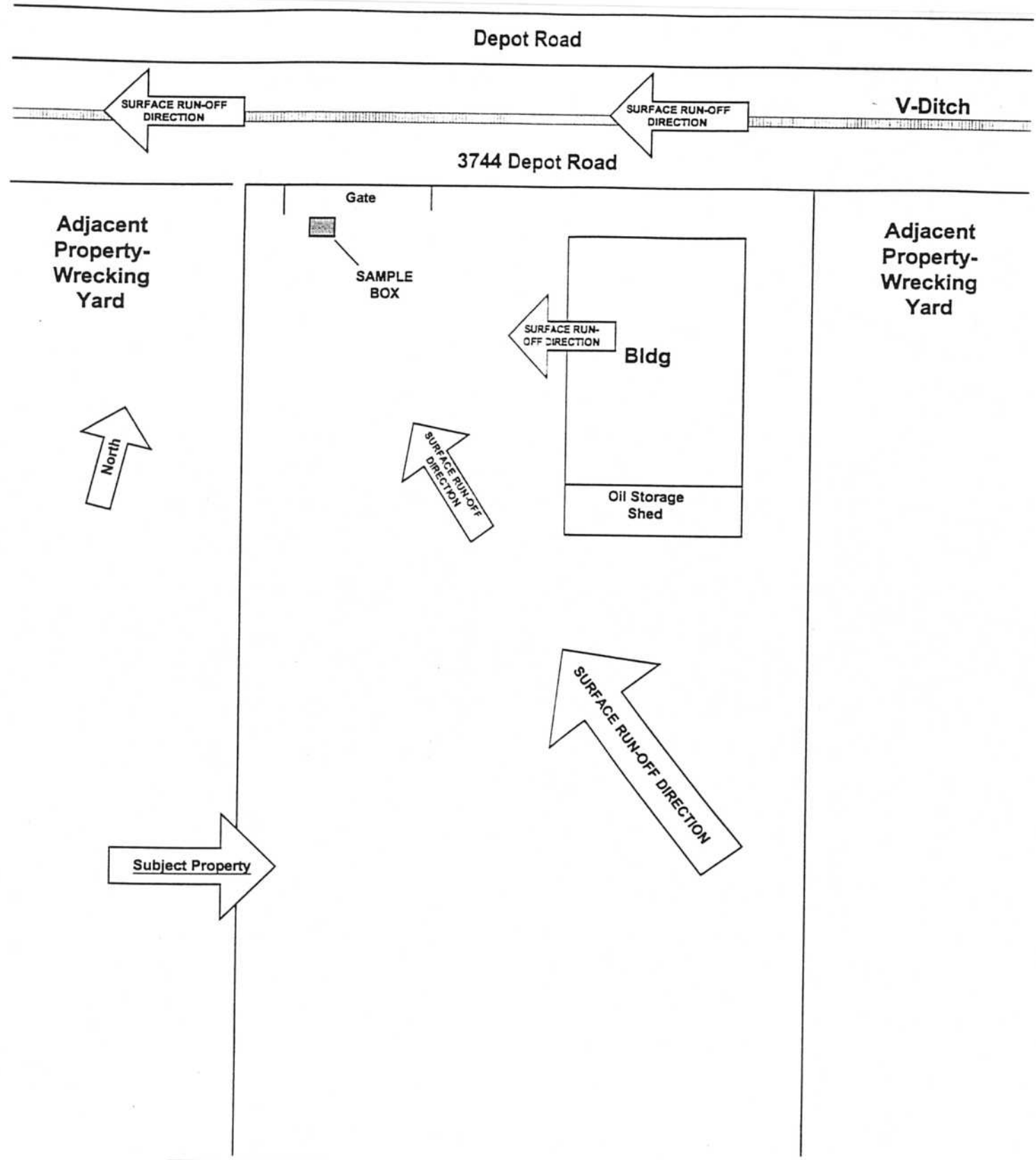

FIGURE 1
PROPERTY SITE PLAN

3744 DEPOT ROAD
HAYWARD, CALIFORNIA

NOT TO SCALE
APRIL 1999

PIERS ENVIRONMENTAL SERVICES, INC. 1330 S. BASCOM AVE. SUITE F, SAN JOSE, CA 95128
PHONE: 408-559-1248 FAX: 408-559-1224

FIGURE 2

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • Telephone: (408) 735-1550 (800) 287-1799 • Fax: (408) 735-1554

Chain of Custody/Analysis Work Order

Client: American Auto Dismantlers
Address: 3744 Depot Rd

Contact: Barry
Telephone #:
Date Received:
Turn Around: Standard

Project ID: 3744 Depot Rd
Purchase Order #:

Sampler/Company: — Piers Environmental
Telephone #: 554-1248

Special Instructions/Comments
Report to:
Piers Environmental
1538 S. Winchester Blvd
SJ, CA 95128
Attn: Ben Husted (2) 11/10/98

LAB USE ONLY

Samples arrived chilled and intact:
Yes No
Notes:

Sample Information								Requested Analysis							
Lab #	Sample ID	Grab/ Composite	Matrix	Date Collected	Time Collected	Pres.	Sample Container	Total Suspended Solids	Iron	Lead by ICP (B. Husted 11/10/98)	AL	PH + Conductivity	TOC	TOG	
E70098	Front Drain	Grab	water	11--98	10:30		1-250 Amb	X	X	X	X	X	X	X	
							1-500 ml p (VF)								

Relinq. By:	Received By: 595 Mike - World Courier	Date 11-9-98	Time 1020
Relinq. By: 595 Mike - World Courier	Received By: VTMSCO	Date 11-9-98	Time 12:15 pm
Relinq/ By:	Received By:	Date	Time

Entech Analytical Labs, Inc.

CA ELAP# 2224

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Piers Environmental Services
1538 S. Winchester Boulevard
San Jose, California 95128
Attn: Ben Halsted

Date: 11/16/98
Date Received: 11/9/98
Project: 3744 Depot Road
PO #:
Sampled By: Client

Certified Analytical Report

Water Sample Analysis:

Sample ID	**Front Drain**										
Sample Date	11/9/98										
Sample Time	10:30										
Lab #	**E20098**										
	Result	DF	DLR							PQL	Method
Analysis Date	11/10-11/13/98										
pH	**7.4**										150.1
Results in mg/Liter:											
Oil & Grease	**9.1**	1.0	5.0							5.0	413.1
Total Suspended Solids	**53**	1.0	5.0							5.0	160.2
Total Organic Carbon	**44**	1.0	2.0							2.0	415.2
Results are in µmhos/cm:											
Conductivity	**270**	1.0	1.0							1.0	120.1

· Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2224)

Michelle L. Anderson, Lab Director

DF=Dilution Factor
PQL= Practical Quantitation Limit

ND=None Detected above DLR
DLR=Detection Reporting Limit

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2224

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Piers Environmental Services
1538 S. Winchester Boulevard
San Jose, California 95128
Attn: Ben Halsted

Date: 11/16/98
Date Received: 11/9/98
Project: 3744 Depot Road
PO #:
Sampled By: Client

Certified Analytical Report

Water Sample Analysis: (All results in mg/Liter)

Sample ID	**Front Drain**										
Sample Date	11/9/98										
Sample Time	10:30										
Lab #	**E20098**										
	Result	DF	DLR							PQL	Method
200.7 Analysis Date	11/11/98										
Aluminum	**0.39**	1.0	0.050							0.050	200.7
Iron	**0.33**	1.0	0.050							0.050	200.7
Lead	**ND**	1.0	0.015							0.015	200.7

· Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2224)

Michelle L. Anderson, Lab Director

DF=Dilution Factor
PQL= Practical Quantitation Limit

ND=None Detected above DLR
DLR=Detection Reporting Limit

Environmental Analysis Since 1983

JAMES RASP P.E.
Civil and Structural Engineering
5134 Elrose Avenue
San Jose, California 95124
(408) 448-6768

JOB 96121 / FIERS ENVIRONMENTAL
SHEET NO. 1 OF 1
CALCULATED BY J RASP DATE 12/96
CHECKED BY _____ DATE _____
SCALE 1" = 50'

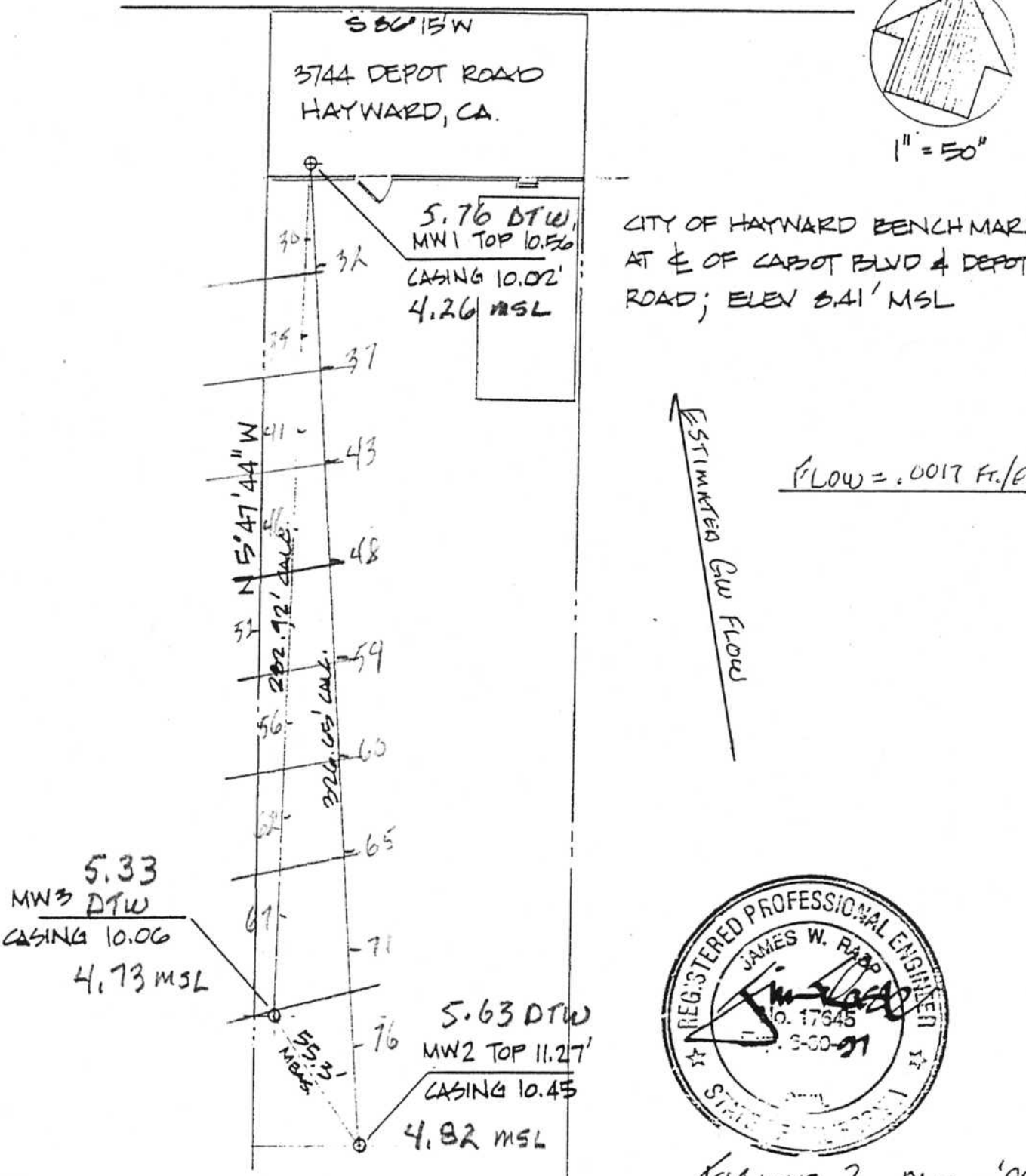

FIGURE 2 MARCH '99