DAVID D. BOHANNON ORGANIZATION

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ON ORGANIZATION 97 JUN 26 Att 11: 32

Community Developer: 60 HILLSDALE MALL: SAN MATEO, CALIFORNIA 94403-3497

FAX 415 573-5457 TELEPHONE 415 345-8222

June 23, 1997

Ms. Juliet Shin Alameda County Environmental Health Services 1131 Harbor Bay Parkway, Suite 250 Alameda, California 94502-6577

Re.: David D. Bohannon Organization

First Quarter 1997 Monitoring and Sampling Report

575 Paseo Grande, San Lorenzo, California

Dear Ms. Shin:

Enclosed for your review is the First Quarter 1997 Monitoring and Sampling Report prepared for the above referenced facility.

The report summarizes the groundwater monitoring and sampling activities conducted by SECOR International Incorporated (SECOR) from January 1 through April 1, 1997. David D. Bohannon Organization has reviewed and agrees with the First Quarter 1997 Monitoring and Sampling Report prepared by SECOR.

Should you have any questions, please feel free to contact me at 415.345.8222.

Sincerely

Mike Jepsen

Director of Construction

MJ/lh

Enclosure





June 16, 1997

Mr. Mike Jepsen David D. Bohannon Organization 60 Hillsdale Mall San Mateo, California 94403-3497 RECEIVED

JUN 23 1997

BOHANNON DEVELOPMENT COMPANY

RE: First Quarter 1997 Monitoring and Sampling Report

575 Paseo Grande San Lorenzo, California

Dear Mr. Jepsen:

SECOR International Incorporated (SECOR) is pleased to present the results of the first quarter 1997 activities conducted at 575 Paseo Grande (the Site) in San Lorenzo, California (Figures 1 and 2). This report presents the results of the quarterly sampling event conducted on April 1, 1997. The first quarter 1997 activities were conducted pursuant to Alameda County Environmental Health Services Department's (ACEHSD's) letter dated December 4, 1996. The first quarter 1997 scope of work included sampling groundwater monitor wells MW-1, MW-2, and MW-3 for gasoline range petroleum hydrocarbons (TPHg), and benzene, toluene, ethylbenzene, and total xylenes (BTEX). David D. Bohannon Organization, the current owners of the Site, plan to redevelop the property into a parking lot and retail business development. A plan showing the proposed development is included in Attachment 1. Construction is expected to begin the first quarter of 1998.

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BACKGROUND

Over the last 25 years, the Site has been used as an asphalt paved parking area located in a commercial area zoned as C1. The Site was a gasoline station prior to 1969. Little information is known about the site history related to it's use as a gasoline service station. In anticipation of property redevelopment, initial investigation activities were conducted in March 1995 to determine if out-of-service gasoline service station underground equipment remained on-site. The work was conducted by Twining Laboratories, Inc. (TLI), as documented in their letter report dated April 15, 1995. The work conducted included a magnetometer survey followed by an exploratory excavation. In summary, the work conducted identified underground gasoline service station equipment which include what appeared to be the former tank pit, approximately 110 feet of fuel delivery system piping, and a grease sump and/or hydraulic lift pit in an area which may have been the former service garage (Figure 2). Field evidence and one soil sample indicated the potential for soil contamination along the piping runs, around the grease sump, and around the inferred location of the former tank pit. Characterization of the magnitude and extent of potential soil contamination was not conducted during initial investigation activities.

BOHAN-02.L02 - 6.1 June 16, 1997 SECOR Job No. 70074-001-02

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BOHANNON DEVELOPMENT COMPANY

Mr. Mike Jepsen David D. Bohannon Organization June 16, 1997 Page 2

In June 1995, SECOR conducted additional activities at the Site which included removal of the former underground storage tank (UST) system piping and the former grease sump, and characterization soil sampling along piping lines and around the former grease sump and former tank pit areas. This work was summarized in SECOR's letter report dated June 29, 1995. The characterization data from this investigation indicated that there were two areas of concern (AOCs) at the Site. These areas were the former grease sump area and the former gasoline distribution system area. SECOR subsequently conducted excavation activities in the vicinity of the two AOCs. The soil excavated from the former sump area was transported off-site for disposal. The soil generated from the UST excavation was treated by means of aeration. Three groundwater monitor wells (MW-1, MW-2, and MW-3) were installed during the investigation activities to evaluate the degree to which the groundwater had been impacted. The results of the soil characterization and groundwater monitoring activities are reported in SECOR's Report of Interim Remedial Actions dated June 4, 1996, and Fourth Quarter 1996 Monitoring and Sampling Report dated November 26, 1996.

SCOPE OF WORK

Quarterly groundwater sampling activities were conducted at the Site pursuant to the request of the Alameda County Health Care Services Agency. The three Site monitoring wells (MW-1, MW-2, and MW-3), were gauged for depth-to-water and sampled on April 1, 1997. Each of the three wells were purged of at least three casing volumes of water prior to sampling. A copy of the field data sheets are presented in Attachment 2. The groundwater samples were submitted to Superior Analytical Laboratory, a California state-certified laboratory, for TPHg and BTEX analysis by U.S. Environmental Protection Agency (EPA) Methods 8015 (modified) and 8020, respectively.

GROUNDWATER ELEVATION RESULTS

Groundwater elevation data collected to date is summarized in Table 1. The average depth-to-water at the Site on April 1, 1997, was 6.14 feet below grade. A potentiometric surface map showing the interpreted groundwater surface elevation on April 1, 1997, is presented as Figure 3. The average hydraulic gradient across the Site on April 1, 1997, was approximately 0.006 feet per foot and was toward the south (Figure 3). As indicated on Figure 3, these results are inconsistent with flow direction results obtained during the prior monitoring events (October and May 1996) where the groundwater flows were interpreted to be towards the west and the southeast, respectively. Because the hydraulic gradient is relatively flat across the Site, slight discrepancies in depth-to-water measurements can cause an apparent change in the groundwater flow direction. In addition, the flow direction is likely to be tidally influenced by the San Francisco Bay. Regardless of tidal influences, the predominant groundwater flow direction beneath the Site is presumably towards the west to southwest.

BOHAN-02.L02 - 6.1 June 16, 1997 SECOR Job No. 70074-001-02 Mr. Mike Jepsen
David D. Bohannon Organization
June 16, 1997
Page 3

JUN 2 3 1997

1

BOHANNON DEVELOPMENT COMPANY

Horton, R.G.

GROUNDWATER ANALYTICAL RESULTS

Groundwater analytical results from samples collected to date are summarized in Table 2. TPHg was detected in samples collected from the three Site wells (MW-1, MW-2, and MW-3) at 550 micrograms per liter ($\mu g/\ell$), 7,600 $\mu g/\ell$, and 27,000 $\mu g/\ell$, respectively. Benzene was detected in samples collected from monitor wells MW-2 and MW-3 at 470 $\mu g/\ell$ and 520 $\mu g/\ell$, respectively. Toluene was detected in samples collected from monitor wells MW-2 and MW-3 at 64 $\mu g/\ell$ and 50 $\mu g/\ell$, respectively. Ethylbenzene and xylenes were detected in the samples collected from all three monitor wells at up to 520 $\mu g/\ell$ and 450 $\mu g/\ell$, respectively. Based on these results, benzene concentrations in groundwater beneath the Site have dropped below the screening level for a $1x10^{-4}$ excess cancer risk for potential vapor intrusion from groundwater into buildings for a commercial site based on the American Society for Testing and Materials Risk-Based Corrective Action Guidelines. A copy of the laboratory report and chain-of-custody is included in Attachment 3.

If you have any questions or require more information, please call us at (510) 686-9780.

Sincerely,

cc:

SECOR International Incorporated

Kirsten L. Wagle Staff Engineer

Linderswag

Ms. Juliet Shin, Alameda County Health Care Services Agency

Figure 1 - Site Location Map

Figure 2 - Site Plan

Figure 3 - Potentiometric Surface Map

Table 1 - Groundwater Elevation Data

Table 2 - Groundwater Analytical Results - TPHg and BTEX

Attachments: 1 - Future Site Development

2 - Field Data Sheets

3 - Laboratory Analytical Reports - Groundwater

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PAUL D. HORTON

PAUL D. HORTON

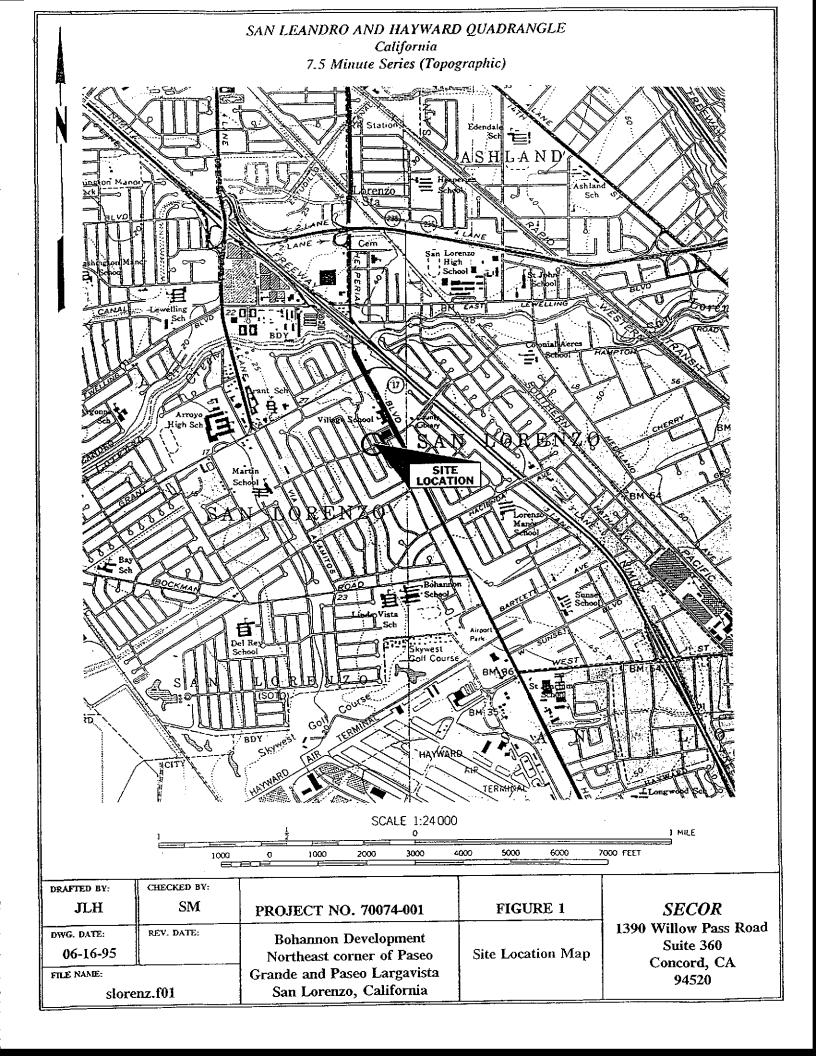
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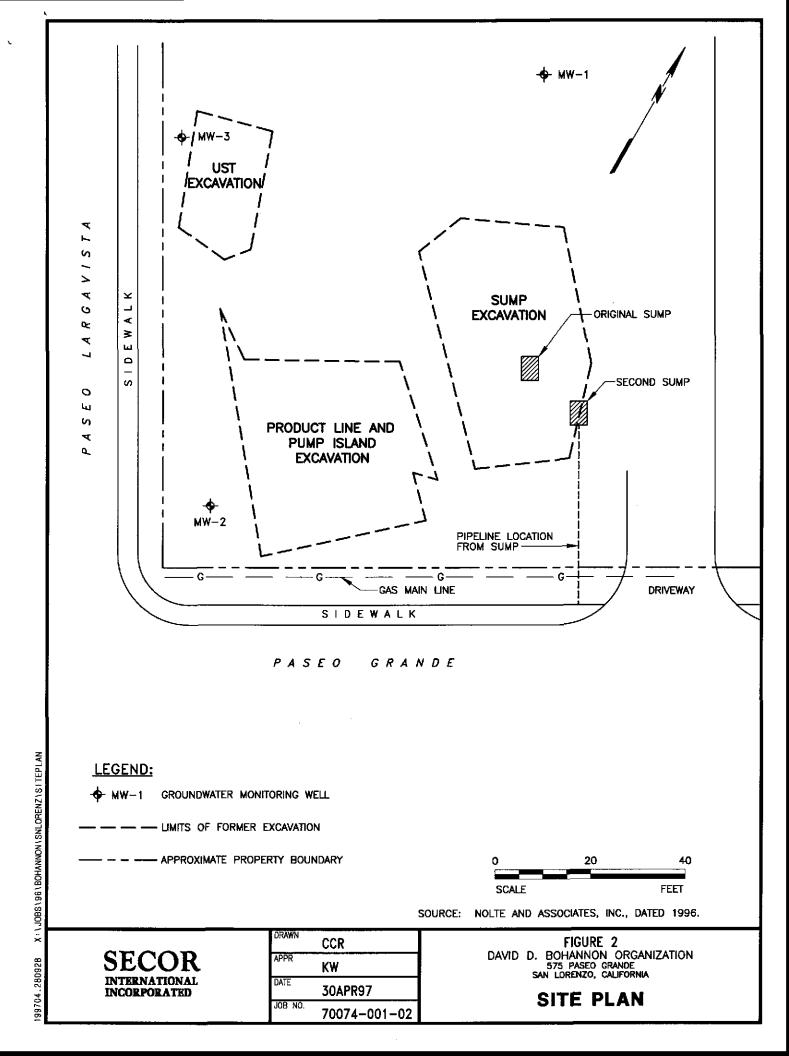
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JUN 23 1997

BOHANNUN DEVELOPMENT CUMPANY

FIGURES





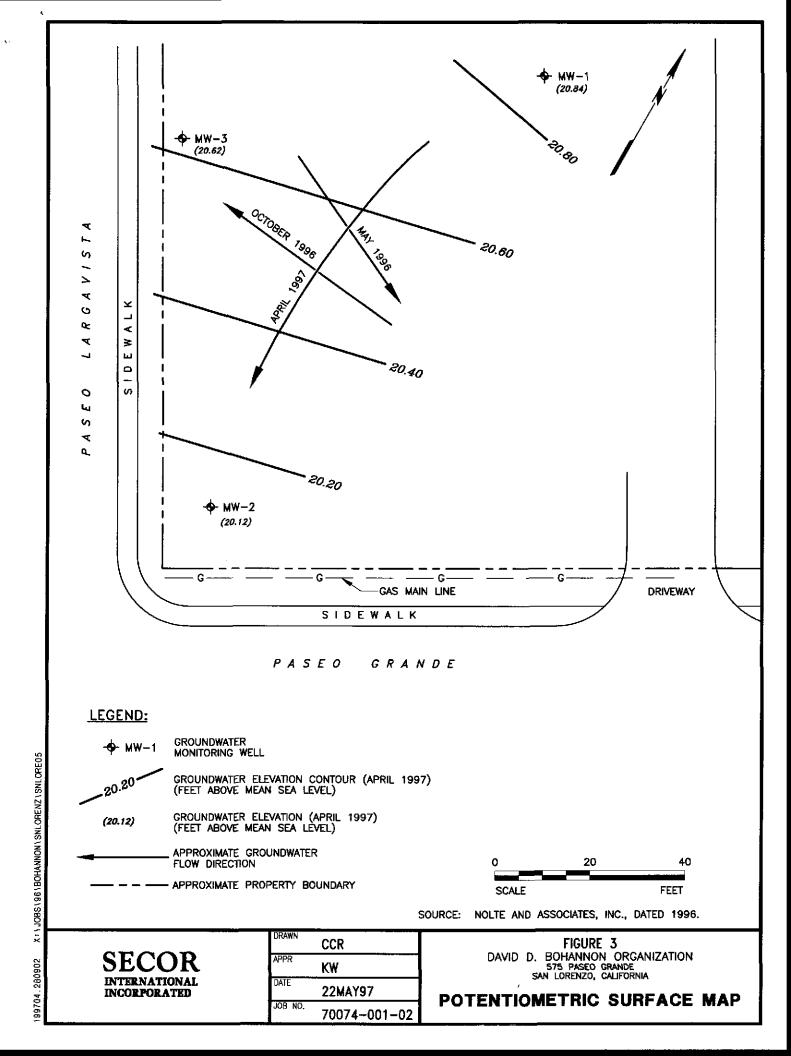


Table 1 Groundwater Elevation Data 575 Paseo Grande San Lorenzo, California

		MW-1			MW-2			MW-3		
Date	TOC	DTW	ELEV	TOC	DTW	ELEV	TOC	DTW	ELEV	FLOW DIRECTION
	(ft msl)	(ft bTOC)	(ft msl)	(ft msl)	(ft bTOC)	(ft msl)	(ft msl)	(ft bTOC)	(ft msl)	
17-May-96	27.11	5.65	21.46	26.73	5.56	21.17	26.15	4.39	21.76	southeast
8-Oct-96		7.47	19.64		7.15	19.58]	6.82	19.33	west
1-Apr-97		6.27	20.84		6.61	20.12		5.53	20.62	south

TOC = Top of well casing

DTW = Depth to Water

ELEV = Water table elevation above MSL

ft msl = Feet above mean sea level

ft bTOC = Feet below top of casing

Table 2
Groundwater Analytical Results - TPHg and BTEX
575 Paseo Grande
San Lorenzo, California

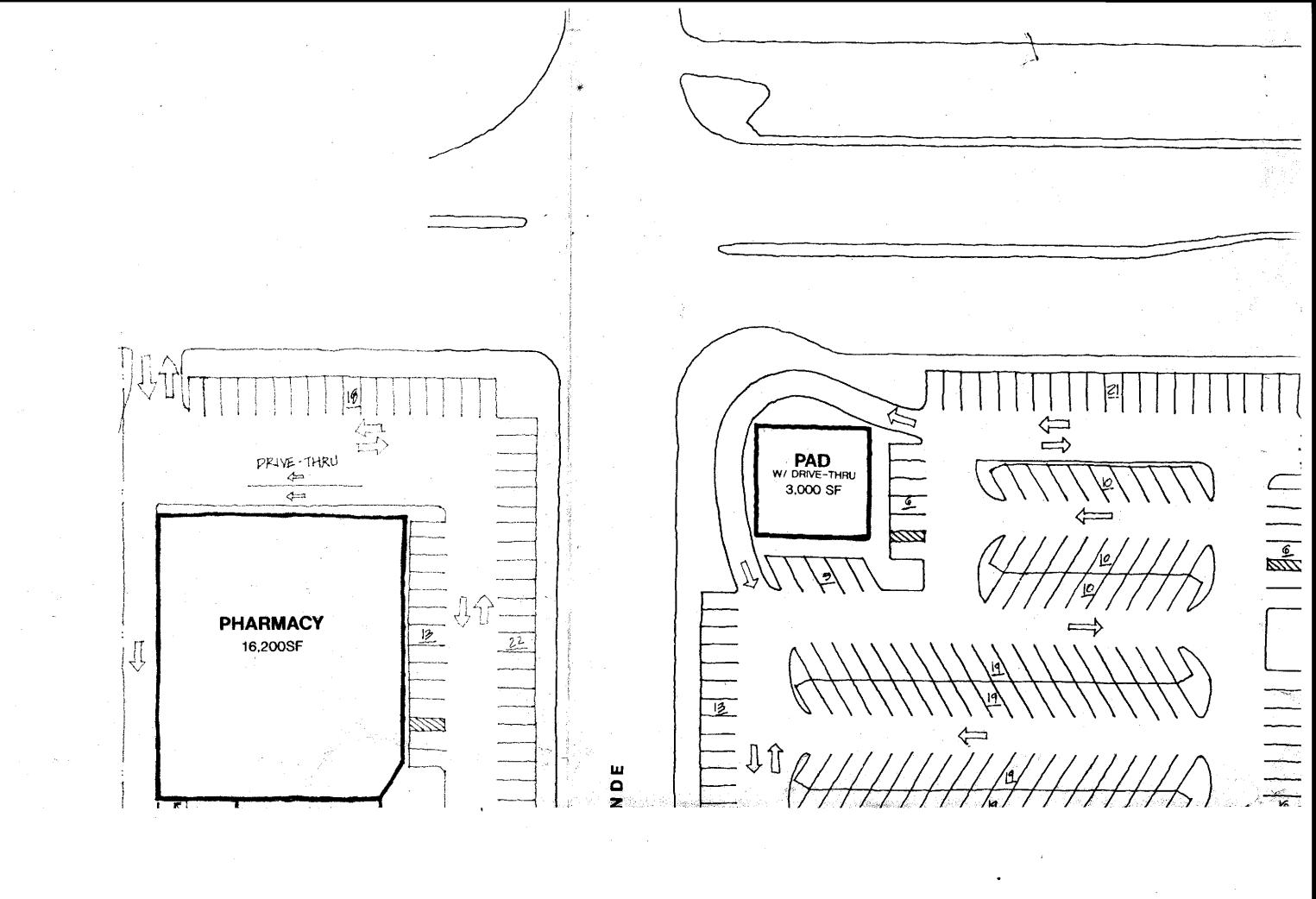
	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-I					
17-May-96	1100	ND (<0.5)	8.7	7.4	17
8-Oct-96	120	ND (<0.5)	ND (<0.5)	2.7	ND (<0.5)
1-Apr-97	550	ND (<0.5)	ND (<0.5)	7.6	6.6
 ИW-2					
17-May-96	23000	900	330	650	1500
8-Oct-96	8400	530	ND (<50)	400	360
1-Apr-97	7600	470	64	210	250
MW-3					
17-May-96	6700	140	45	210	180
8-Oct-96	1800	2700	240	910	970
1-Apr-97	27000	520	50	520	450

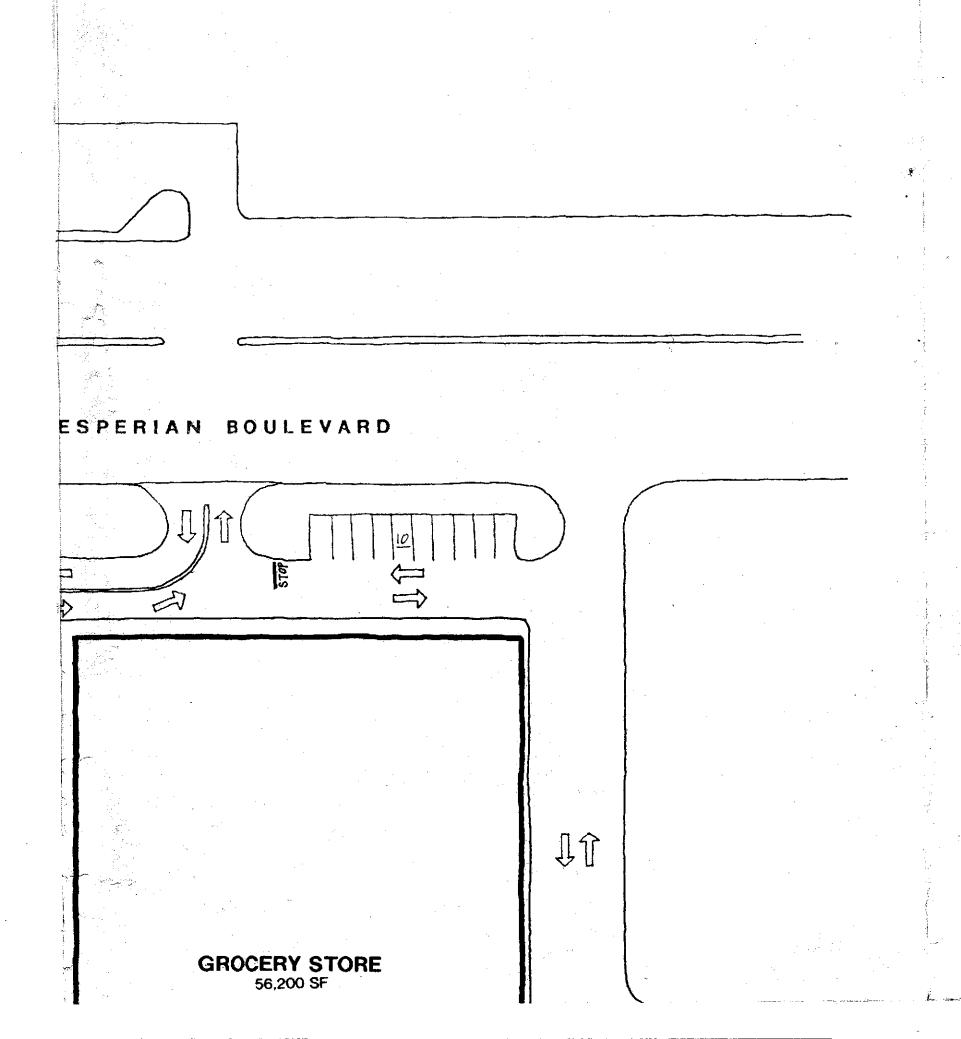
TPHg = Total petroleum hydrocarbons quantified as gasoline

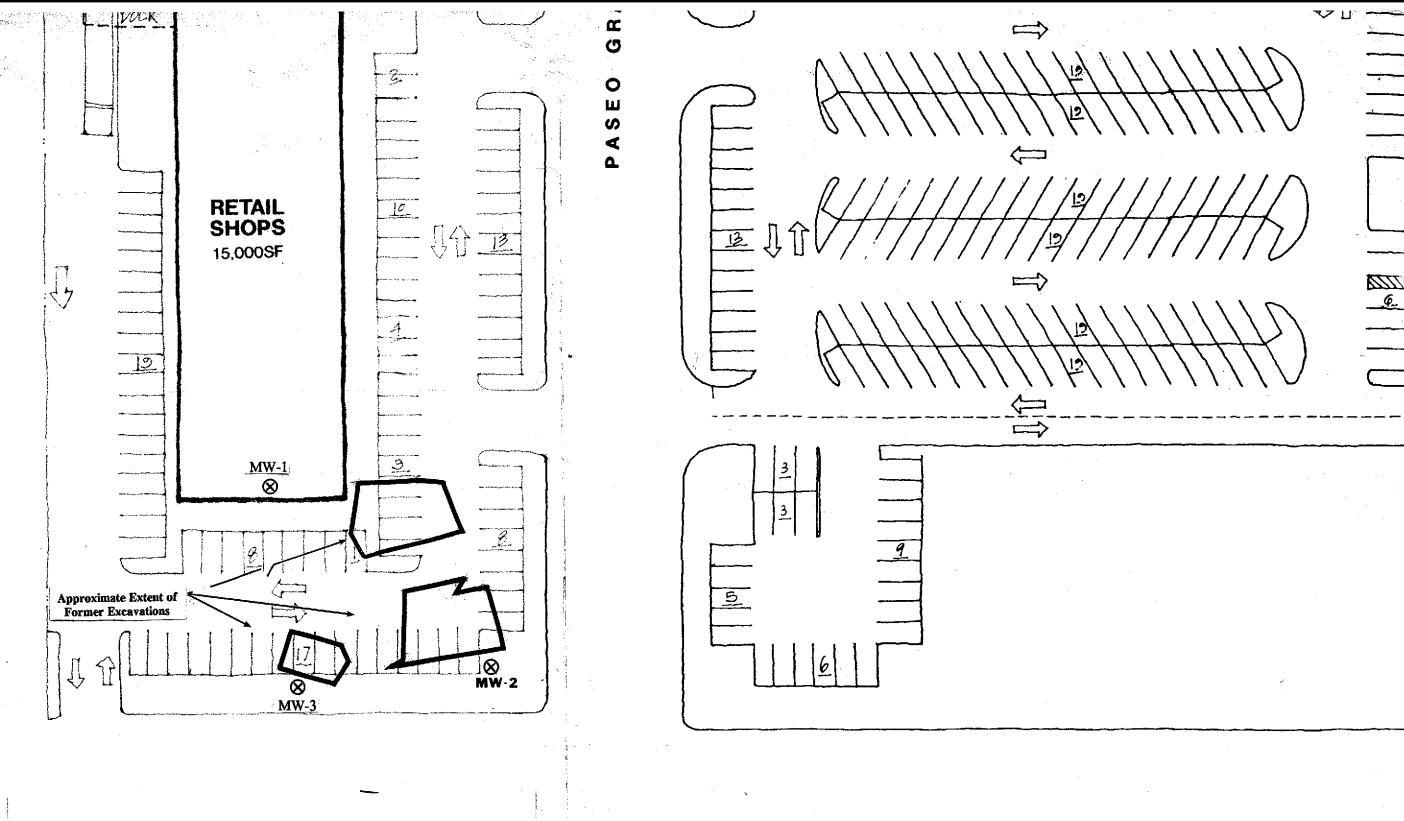
ug/L = Micrograms per liter

ND = Below laboratory detection limits (detection limit indicated in parentheses)

ATTACHMENT 1 Future Site Development



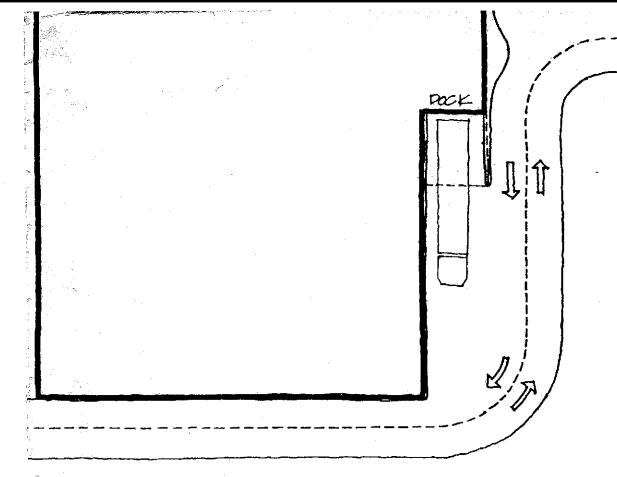




SECOR International Incorporated

Attachment 1

SAN LORE



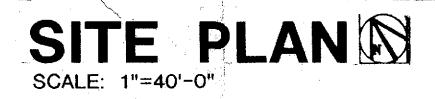
SITE DATA

SITE DAIA	<u>* * </u>		
	FLOOR AREA	PARKING	PARKING RATIO
GROCERY STORE	56,200 SF		
FAD	3,000 SF		
TOTAL	59,200 SF	342 SPACES	5.77 SPACES/1000SF
agen en gegegen de elektrikka hille en men kilologien beken en per (ingestellen beke nnen en en en en en en en e En en	enggi kin sagan panali Pe rlaga ata Panga kan alagapan kin kin salam nga pangangan persakan kin kin sa sahah	м. не торина <u>Станти, не менен тран</u> е за 1963 г. <mark>Увен и на набрават балдания</mark> С. е из в такон т	kener (t. s
PHARMACY	16,200 SF		
RETAIL SHOPS	15,000 SF		
TOTAL	31,200 SF	144 SPACES (INCLUDES 19 SPACES A	4.61 SPACES/1000SF

125 SPACES

4.00 SPACES/1000SF

(EXCLUDES 19 SPACES AT REAR)



ZO VILLAGE



ATTACHMENT 2 Field Data Sheets

DATE: 4-1-97 PROJECT: DAVID D. BUNANON PROJECT # 70074-001-62									
EVENT: Quarterly				R: GRC					
			M		200				
WELL OR LOCATION	TIME	TOC	DTW	DTB	PT	ELEV	COMMENTS		
Mw-l			6.27	14.82					
MW-Z			6.61	14.73					
MW-3			5.53	12.69					

-74									
					,				
				·			·		

HYDROLOGIC DATA SHEET

TOC - TOP OF CASING (FEET, RELATIVE TO MEAN SEA LEVEL) CODES:

DTW - DEPTH TO WATER (FEET)
DTP - DEPTH TO PRODUCT (FEET)
PT - PRODUCT THICKNESS (FEET)

ELEV - GROUNDWATER ELEVATION (FEET, RELATIVE TO MEAN SEA LEVEL)

SECOR International Inc. WATER SAMPLE FIELD DATA SHEET
PROJECT #: 70074-001-07 PURGED BY: GC WELL LD.: MW-)
CLIENT NAME: DAVID D. Bohamon SAMPLED BY: GL SAMPLE LD.: MW-)
LOCATION: SAN LOPEN TO QA SAMPLES: NONE
DATE PURGED 4-1-97 START (2400hr) 9:55 END (2400hr) 10:10
DATE SAMPLED 4-1-47 SAMPLE TIME (2400hr) 10/5
SAMPLE TYPE: Groundwater X Surface Water Treatment Effluent Other
CASING DIAMETER: 2° X 3° 4° 5° 6° 8° 0ther Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ()
DEPTH TO BOTTOM (feet) = $\frac{14.82}{1.95}$ CASING VOLUME (gal) = $\frac{1.45}{1.95}$
DEPTH TO WATER (feet) = 6.27 CALCULATED PURGE (gal) = 4.36
WATER COLUMN HEIGHT (feet) = 8.55 ACTUAL PURGE (gal) = 4.50
FIELD MEASUREMENTS
DATE TIME VOLUME TEMP. CONDUCTIVITY pH .COLOR TURBIDITY (2400hr) (gal) (degrees F) (umhos/cm) (units) (visual) (1-1) 10:00 1.5 (24-4) 1000 6.99 BRN 14-26
$\frac{4-1}{4-1}$ $\frac{10165}{10165}$ $\frac{30}{30}$ $\frac{65.5}{65.5}$ $\frac{1022}{1022}$ $\frac{7-07}{7-07}$ $\frac{8en}{8en}$ $\frac{1436}{1016}$
4-1 10:10 4.5 65.9 1022 7.11 BEN HISH
SAMPLE INFORMATION
SAMPLE DEPTH TO WATER: SAMPLE TURBIDITY:
80% RECHARGE: YES NO ANALYSES: TPh 4 BEY
ODOR: Have SAMPLE VESSEL/PRESERVATIVE: 3 HEL VOX S
PURGING EQUIPMENT SAMPLING EQUIPMENT
Bladder Pump Bailer (Teflon) Bladder Pump Bailer (Teflon) Centrifugal Pump Bailer (PVC) Centrifugal Pump X Bailer (PVC or Xdisposable)
Submersible Pump Bailer (Stainless Steel) Submersible Pump Bailer (Stainless Steel)
Peristaltic Pump X Dedicated DDP Peristaltic Pump Dedicated Other: Other:
Pump Depth:
WELL INTEGRITY: Good LOCK#: NIGNE
REMARKS: CAP Does not Fit
SIGNATURE: Of

SECOR International Inc. WATER SAMPLE FIELD DATA SHEET
PROJECT #: 70074-001-02 PURGED BY: GC WELLID.: MW-Z
CLIENT NAME: DANIE D BENGARAN SAMPLED BY: GC SAMPLE I.D.: MW-Z
LOCATION: SAN LOCENZO QA SAMPLES: None
DATE PURGED 4-1-97 START (2400hr) 10 40 END (2400hr) 10 55
DATE SAMPLED 4-1-97 SAMPLE TIME (2400hr) 11:00
Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ()
DEPTH TO BOTTOM (feet) = 14.73 CASING VOLUME (gal) = 1.35
DEPTH TO WATER (feet) = $\frac{6.61}{1.14}$ CALCULATED PURGE (gal) = $\frac{4.14}{1.14}$
WATER COLUMN HEIGHT (feet) = 812 ACTUAL PURGE (gal) = 4.50
FIELD MEASUREMENTS
DATE TIME VOLUME TEMP. CONDUCTIVITY PH COLOR TURBIDITY
(2400hr) (gal) (degrees F) (umhos/cm) (units) (visual) (15 wol 4-1 10:43 \5 6:54 BPN H)Sh
4-1 10:43 1.5 664 1302 6.54 BRN HEG 4-1 10:45 30 66.7 1349 6.89 BRN HEGH
4-1 10:50 4.5 67.2 1355 640 BRN High
·
SAMPLE INFORMATION SAMPLE DEPTH TO WATER: SAMPLE TURBIDITY:
80% RECHARGE: XYES NO ANALYSES: The BTCX
ODOR: GAS SAMPLE VESSEL/PRESERVATIVE: 3 HCL VOAS
PURGING EQUIPMENT SAMPLING EQUIPMENT
Bladder Pump Bailer (Teflon) Bladder Pump Bailer (Teflon)
Centrifugal Pump Bailer (PVC) Centrifugal Pump X Bailer (PVC or X disposable)
Submersible Pump Bailer (Stainless Steel) Peristaltic Pump Dedicated Diff Dedicated Diff Dedicated
Others
Pump Depth:
WELL INTEGRITY: 6000 LOCK#: 0909
REMARKS:
SIGNATURE: ARC Of

SECOR International Inc. WATER SAMPLE FIELD DATA SHEET
PROJECT #: 70:74-001-02 PURGED BY: GC WELLI.D.: MW-3 CLIENT NAME: DAN'D D. Bihannan SAMPLED BY: GC SAMPLE LD.: MW-3 LOCATION: SAM LOIANTO QA SAMPLES: NOME
DATE PURGED 4-1-97 START (2400hr) 11:25 END (2400hr) 11:15 DATE SAMPLED 4-1-97 SAMPLE TIME (2400hr) 11:25
SAMPLE TYPE: Groundwater X Surface Water Treatment Effluent Other
CASING DIAMETER: 2" X 3" 4" 5" 6" 8" Other Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ()
DEPTH TO BOTTOM (feet) = 12.69 CASING VOLUME (gal) = 1.21 DEPTH TO WATER (feet) = 5.53 CALCULATED PURGE (gal) = 3.65 WATER COLUMN HEIGHT (feet) = 17.40 ACTUAL PURGE (gal) = 4.00
FIELD MEASUREMENTS
DATE TIME VOLUME TEMP. CONDUCTIVITY pH COLOR TURBIDITY (2400hr) (gal) (degrees F) (umhos/cm) (units) (visual) 4-1 11:09 1.5 14.9 760 6.77 BIK High 4-1 11:12 30 6.5 7.05 6.89 RIK High
SAMPLE DEPTH TO WATER: SAMPLE TURBIDITY:
80% RECHARGE: X YES NO ANALYSES: This Brex ODOR: GAS SAMPLE VESSEL/ PRESERVATIVE: J HCL Vows
PURGING EQUIPMENT Bladder Pump Bailer (Teflon) Centrifugal Pump Bailer (PVC) Submersible Pump Bailer (Stainless Steel) Peristaltic Pump Dedicated Other: Pump Depth: Bladder Pump Bailer (Teflon) Centrifugal Pump Bailer (Teflon) Centrifugal Pump Submersible Pump Bailer (Stainless Steel) Peristaltic Pump Dedicated Other: Other:
WELL INTEGRITY: Good LOCK#: 0409 REMARKS: Show on How
SIGNATURE: DPC Page of

ATTACHMENT 3 Laboratory Analytical Reports - Groundwater



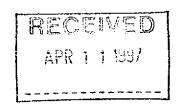
Analytical Laboratory

SECOR

1390 WILLOW PASS RD, STE. 360 CONCORD, CA 94520

Attn: Kirsten Wagle

Laboratory Number: 22617



Date: April 10, 1997

Project Number/Name: 70074-001-02

Facility/Site : DAVID D. BOHANNON

575 PASEO GRANDE SAN LORENZO, CA

Dear Kirsten Wagle:

Attached is Superior Analytical Laboratory report for the samples received on April 1, 1997. This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety. Following the cover letter is the Case Narrative detailing sample receipt and analysis. Also enclosed is a copy of the original Chain-of-Custody record confirming receipt of samples.

Please note that any unused portion of the sample will be discarded after May 1, 1997, unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please contact our Laboratory at (510) 313-0850.

Sincerely,

Afsaneh Salimpour Project Manager



Analytical Laboratory

CASE NARRATIVE

SECOR

Project Number/Name: 70074-001-02 Laboratory Number: 22617

Sample Receipt

Three water samples were received by Superior Analytical Laboratory on April 1, 1997.

Cooler temperature was 4.0°C

No abnormalities were noted with sample recieving.

Sample Analysis

The samples were analysed for methods 8015M and 8020.

NOTE: Reproduction of this report is permitted only in its entirety.

SECOR

Attn: Kirsten Wagle

Project 70074-001-02 Reported on April 10, 1997

Gasoline Range Petroleum Hydrocarbons and BTXE by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Chronology					Labo	ratory Nur	mber 22617
Sample ID	s	Sampled	Received	Extract.	Analyzed	QC Batch	ı LAB#
MW - 1		04/01/97	04/01/97	04/03/97	04/03/97	DD032.31	7 01
MW-2	(04/01/97	04/01/97	04/03/97	04/03/97	DD032.37	7 02
MW - 3	·	04/01/97	04/01/97	04/03/97	04/03/97	DD032.31	7 03
QC Samples							
QC Batch #	QC Sample ID		туг	peRef.	Matrix	Extract.	Analyzed
DD032.37-01	Method Blank		MB		Water	04/03/97	04/03/97
DD032.37-02	Laboratory Spike		LS		Water	04/03/97	04/03/97
DD032.37-03	Laboratory Spike Duplicate	≥	LSI)	Water	04/03/97	04/03/97
DD032.37-04	0830 BD040397		MS	22621-0	l Water	04/03/97	04/03/97
DD032.37-05	0830 BD040397		MSI	22621-0	1 Water	04/03/97	04/03/97

SECOR

Attn: Kirsten Wagle

Trifluorotoluene (SS)

Project 70074-001-02 Reported on April 10, 1997

Gasoline Range Petroleum Hydrocarbons and BTXE by EPA SW-846 5030/8015M/8020 Gasoline Range quantitated as all compounds from C6-C10

LAB ID	Sample ID					Matrix	Dil.Factor	Moisture
22617-01	MW-1			**		Water	1.0	-
22617-02	MW-2					Water	10.0	_
22617-03	MW-3					Water	10.0	-
		RESU	LTS C	F A	NALY	SIS		
Compound		22617-	01	22617-	02	22617-	03	
		Conc. ug/L	RL	Conc. ug/L	RL	Conc. ug/L	RL	
		550	50	7600	500	27000	500	
Gasoline Range		220	50	7000	- 00		~ ~ ~	
-		ND	0.5	470	5.0	520	5.0	
Gasoline Range Benzene Toluene								
		ND	0.5	470	5.0	520	5.0	

100

112

109

Gasoline Range Petroleum Hydrocarbons and BTXE by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 22617 Method Blank(s)

DD032.37-01 Conc. RL

ug/L

 Gasoline Range
 ND
 50

 Benzene
 ND
 0.5

 Toluene
 ND
 0.5

 Ethyl Benzene
 ND
 0.5

 Total Xylenes
 ND
 0.5

>> Surrogate Recoveries (%) <<
 Trifluorotoluene (SS) 101</pre>

Gasoline Range Petroleum Hydrocarbons and BTXE
by EPA SW-846 5030/8015M/8020
Gasoline Range quantitated as all compounds from C6-C10

Quality Assurance and Control Data

Laboratory Number: 22617

Compound	Sample conc.	SPK Leve	el SPK Result	Recovery %	Limits %	RPD %
	Fo	r Water Matı	rix (ug/L)			
1			ratory Control Sp	pikes		
Gasoline Range		2000	2000/2000	100/100	65-135	0
Benzene		20	21/21	105/105		0
Toluene		20	21/22	105/110		5
Ethyl Benzene		20	21/21	105/105		0
Total Xylenes		60	63/64	105/107	65-135	0
<pre>>> Surrogate Recoveries (%)</pre>	<<					
Trifluorotoluene (SS)				107/105	50-150	
	Fo	r Water Matr	ix (ug/L)			
1	DD032.37 04	/ 05 - Sampl	e Spiked: 22621	- 01		
Gasoline Range	ND	2000	1800/2000	90/100	65-135	11
Benzene	ND	2000	21/21	105/105	65-135	0
Toluene	ND	20	19/20	95/100	65-135	5
Ethyl Benzene	ND	20	19/20	95/100	65-135	5
Total Xylenes	ND	60	21R/33R	35/55	65-135	39
>> Surrogate Recoveries (%)	<<					
Trifluorotoluene (SS)				105/105	50-150	

Narrative:

R - MS and/or MSD recoveries were out of control limits. LCS / LCSD recoveries were within acceptable limits.

Definitions:

ND = Not Detected
RL = Reporting Limit
NA = Not Analysed

RPD = Relative Percent Difference

ug/L = parts per billion (ppb)
mg/L = parts per million (ppm)

ug/kg = parts per billion (ppb)

Chain-of Custody Number: ララし SECOR Chain-of Custody Record Additional documents are attached, and are a part of this Record. Field Office: SECol Job Name: DAVID D. Bohannon 1390 Willow PASS Read Suite 360 Address: Location: 575 PASEO Grande SAN LONDO, CA **Analysis Request** Project # 70074-061-02 ___Task # _____ Project Manager KINSKO WASIE

Laboratory SWENO T

Turnaround Time STANLED Number of Containers Sampler's Name GARY CHIFT Sampler's Signature Jany Comp HCID Comments/ Sample ID Instructions Matrix Date Time 3 MW1 10:15 1120 19W-2 4-1 11:00 3 1120 MW-3 1125 420 Relinquished by: _5巨亿尺 Received by Sample Receipt Special Instructions/Comments: Sign JANGCHAT Print GARICWET Sign Print Print 2 Sister Total no. of containers: Chain of custody seals: Company <u>W</u> Time <u>Z</u>{M Company JEcor Rec'd. in good condition/cold: Time 2:00 Date 4-1-97 Conforms to record: Relinguished Received by: . Client: SECOR Sign R. Pro-Print R. BOULGALING Client Contact: Kirsky whole Company SAL Time 11:50 Date 4/1/47 Client Phone 50 6669780 SECOR CUSTREC Rev. 1/95

Date: 4/1/97 Page / of /