



**BP OIL**  
February 23, 1996

*cas*

BP Oil Company  
Environmental Resources Management  
Building 13, Suite N  
295 SW 41st Street  
Renton, Washington 98055-4931  
(206) 251-0667  
Fax No: (206) 251-0736

Mr. Ed So  
California Regional Water Quality Control Board  
San Francisco Bay Region  
2101 Webster Street, Suite 500  
Oakland CA 94612

*See notes  
next page →*

RE: BP OIL FACILITY #11107  
18501 Hesperian Boulevard  
San Lorenzo, CA

ENVIRONMENTAL  
ACTION PLAN  
01 15 95 00 00 00  
01 15 95 00 00 00

Dear Mr. So:

Attached please find our **GROUNDWATER MONITORING AND SAMPLING REPORT DATED January 24, 1996**, for the above referenced facility. Plans for the coming quarter include groundwater monitoring.

If you should have any questions regarding this site, I may be reached at (206) 251-0689.

Respectfully,

*Scott T. Hooton*

Scott T. Hooton  
Environmental Resources Management  
Corrective Action Manager

STH::aa msword\ERM11107

cc: [redacted] Alameda County Health Care Services Agency, 1131 Harbour Bay Parkway, Room 250, Alameda CA 94502-6577

Mr. Brady Nagle, Alisto, 1777 Oakland Blvd., Ste 200, Walnut Creek, CA 94596

Mr. Ron Gehrke, Kwik G Enterprises, Inc., 19231 Lake Chabot Rd., Castro Valley, CA 94546

Mr. Larry Silva, TOSCO Northwest, 601 Union Street, Suite 2500, Seattle WA 98101

Site File

- Missing 3/1/95 data for MW-5.
- MTBE @ 1,000 ppb @ edge of plume definition.
- Conc. at MW-4 have decreased to historical levels.
- Continue O.M.

## GROUNDWATER MONITORING AND SAMPLING REPORT

BP Oil Company Service Station No. 11107  
18501 Hesperian Boulevard  
San Lorenzo, California

Project No. 10-060-05-001



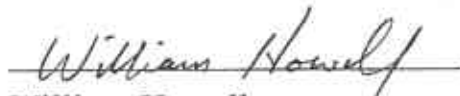
Prepared for:


BP Oil Company  
Environmental Resources Management  
295 S.W. 41st Street  
Building 13, Suite N  
Renton, Washington

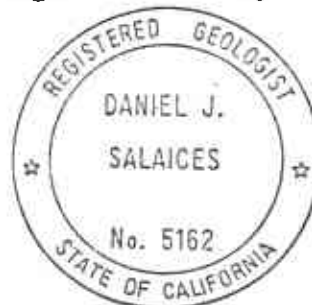
Prepared by:

Alisto Engineering Group  
1575 Treat Boulevard, Suite 201  
Walnut Creek, California

January 24, 1996

  
William Howell  
Project Manager

  
Dan Salaires  
Registered Geologist



# GROUNDWATER MONITORING AND SAMPLING REPORT

BP Oil Company Service Station No. 11107  
18501 Hesperian Boulevard  
San Lorenzo, California

Project No. 10-060-05-001

January 24, 1996

## INTRODUCTION

This report presents the results of the November 29, 1995 groundwater monitoring and sampling conducted by Alisto Engineering Group at BP Oil Company Service Station No. 11107, 18501 Hesperian Boulevard, San Lorenzo, California. A site vicinity map is shown on Figure 1.

## FIELD PROCEDURES

Field activities were performed in accordance with the procedures and guidelines of the Alameda County Health Care Services Agency and the California Regional Water Quality Control Board, San Francisco Bay Region.

Before purging and sampling, the groundwater level in each well was measured from a permanent mark on top of the casing to the nearest 0.01 foot using an electronic sounder. The depth to groundwater and top of casing elevation data were used to calculate the groundwater elevation in each well. The survey data and groundwater elevation measurements collected to date are presented in Table 1.

Before sample collection, each well was purged of 3 casing volumes, while recording field readings of pH, temperature, electrical conductivity, and dissolved oxygen. Groundwater samples were collected for laboratory analysis by lowering a bottom-fill, disposable bailer to just below the water level in the well. The samples were transferred from the bailer into laboratory-supplied containers. The water sampling field survey forms are presented in Appendix A.

## SAMPLING AND ANALYTICAL RESULTS

The results of monitoring and laboratory analysis of the groundwater samples collected during this and previous quarters are summarized in Table 1. The potentiometric groundwater elevations as interpreted from the results of this monitoring event are shown on Figure 2. The results of laboratory analysis are shown on Figure 3. The laboratory report and chain of custody record are presented in Appendix B.



TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING  
 BP OIL COMPANY SERVICE STATION NO. 11107  
 18501 HESPERIAN BOULEVARD, SAN LORENZO, CALIFORNIA

ALISTO PROJECT NO. 10-060

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	1,1,1-TCA (ug/l)	PCE (ug/l)	DO (ppm)	LAB
MW-1	11/04/92	41.07	20.78	20.29	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	ND<5000	2.8	ND	---	PACE
QC-1 (c)	11/04/92	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	PACE
MW-1	02/24/94	41.07	20.70	20.37	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	ND<5000	1.5	0.9	---	PACE
MW-1	05/12/94	41.07	18.12	22.95	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	ND<5000	1.0	ND<0.5	7.0	PACE
MW-1	09/09/94	41.07	21.74	19.33	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	ND<5000	ND<0.5	ND<0.5	2.3	PACE
MW-1	11/03/94	41.07	20.01	21.06	ND<50	50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	ND<5000	ND<0.5	ND<0.5	4.3	PACE
MW-1	03/01/95	41.07	17.44	23.63	ND<50	ND<500	ND<0.5	ND<0.50	ND<0.50	ND<1.0	---	420	0.54	0.3	2.3	ATI
MW-1	06/06/95	41.07	17.55	23.52	---	---	---	---	---	---	---	---	---	---	---	---
MW-1	09/01/95	41.07	18.19	22.88	ND<50	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	60	---	---	8.8	ATI
<i>semi</i> MW-1	11/29/95	41.07	18.84	22.23	---	---	---	---	---	---	---	---	---	---	---	---
MW-2	11/04/92	40.56	20.16	20.40	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	PACE
MW-2	02/24/94	40.56	20.12	20.44	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	PACE
MW-2	05/12/94	40.56	17.49	23.07	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	7.4	PACE
MW-2	09/09/94	40.56	21.12	19.44	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	2.1	PACE
MW-2	11/03/94	40.56	19.36	21.20	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	4.2	PACE
MW-2	03/01/95	40.56	16.83	23.73	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	---	2.2	ATI
MW-2	06/06/95	40.56	16.96	23.60	---	---	---	---	---	---	---	---	---	---	---	---
<i>semi</i> MW-2	09/01/95	40.56	17.54	23.02	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	---	7.9	ATI
MW-2	11/29/95	40.56	18.19	22.37	---	---	---	---	---	---	---	---	---	---	---	---
MW-3	11/04/92	40.45	20.23	20.22	760	---	3.7	15	1.9	57	---	---	---	---	---	PACE
MW-3	02/24/94	40.45	20.24	20.21	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	PACE
MW-3	05/12/94	40.45	17.61	22.84	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	7.3	PACE
MW-3	09/09/94	40.45	21.22	19.23	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	2.0	PACE
MW-3	11/03/94	40.45	19.48	20.97	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	3.6	PACE
MW-3	03/01/95	40.45	17.08	23.37	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	---	1.9	ATI
MW-3	06/06/95	40.45	17.21	23.24	---	---	---	---	---	---	---	---	---	---	---	---
<i>semi</i> MW-3	09/01/95	40.45	17.69	22.76	200	---	2.7	33	7.2	43	ND<5.0	---	---	---	7.8	ATI
MW-3	09/01/95	40.45	18.29	22.16	---	---	---	---	---	---	---	---	---	---	---	---
MW-4	11/04/92	39.24	19.18	20.06	900	---	150	4.1	0.8	53	---	---	---	---	---	PACE
MW-4	02/24/94	39.24	19.22	20.02	240	---	110	3.8	1.8	11	---	---	---	---	---	PACE
QC-1 (c)	02/24/94	---	---	---	310	---	95	5.3	2.2	17	---	---	---	---	---	PACE
MW-4	05/12/94	39.24	16.62	22.62	ND<50	---	2.2	1.0	ND<0.5	ND<0.5	---	---	---	---	7.3	PACE
QC-1 (c)	05/12/94	---	---	---	430	---	2.6	1.3	ND<0.5	ND<0.5	---	---	---	---	---	PACE
MW-4	09/09/94	39.24	20.27	18.97	240	---	9.1	1.3	0.6	2.5	---	---	---	---	2.2	PACE
QC-1 (c)	09/09/94	---	---	---	57	---	1.7	ND<0.5	ND<0.5	0.5	---	---	---	---	---	PACE
MW-4	11/03/94	39.24	18.46	20.78	250	---	3.1	2.8	1.0	3.3	---	---	---	---	3.2	PACE
QC-1 (c)	11/03/94	---	---	---	110	---	2.4	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	PACE
MW-4	03/01/95	39.24	16.15	23.09	8900	---	1800	26	450	400	---	---	---	---	2.0	ATI
QC-1 (c)	03/01/95	---	---	---	7600	---	1700	25	410	370	---	---	---	---	---	ATI
MW-4	06/06/95	39.24	16.28	22.96	3100	---	530	25	170	85	---	---	---	---	---	ATI
QC-1 (c)	06/06/95	---	---	---	3000	---	530	27	170	92	---	---	---	---	---	ATI
MW-4 (d)	09/01/95	39.24	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-4	11/29/95	39.24	17.31	21.93	ND<50	---	1.8	ND<0.50	ND<0.50	ND<1.0	440	---	---	---	3.2	ATI
QC-1 (c)	11/29/95	---	---	---	ND<50	---	1.5	ND<0.50	ND<0.50	ND<1.0	490	---	---	---	---	ATI

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING  
 BP OIL COMPANY SERVICE STATION NO. 11107  
 18501 HESPERIAN BOULEVARD, SAN LORENZO, CALIFORNIA

ALISTO PROJECT NO. 10-060

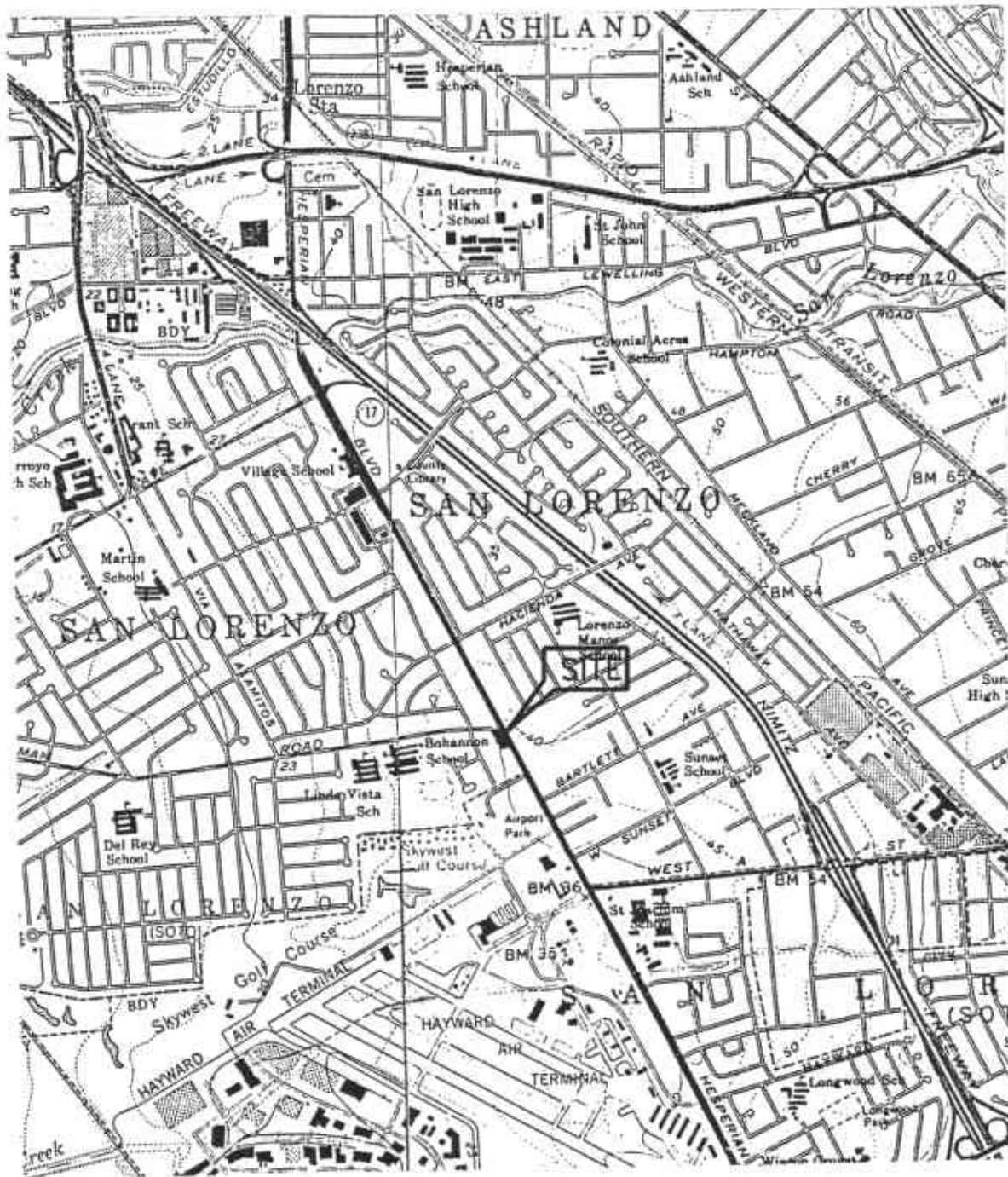
WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (Feet)	TPH-G (ug/l)	TPH-D (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	X (ug/l)	MTBE (ug/l)	TOG (ug/l)	1,1,1-TCA (ug/l)	PCE (ug/l)	DO (ppm)	LAB
<i>Miss. sig!</i> MW-5	<i>3/01/95</i>		<i>16.00</i>		<i>1400</i>		<i>150</i>	<i>ND</i>	<i>15</i>	<i>300</i>						<i>ATI</i>
MW-5	06/06/95	39.07	16.16	22.91	1100	---	42	ND<2.5	15	4.0	---	---	---	---	---	ATI
MW-5	09/01/95	39.07	16.63	22.44	1600	---	55	ND<2.5	15	8.0	1200	---	---	---	7.4	ATI
QC-1 (c)	09/01/95	---	---	---	1200	---	64	ND<2.5	14	3.1	---	---	---	---	---	ATI
MW-5	11/29/95	39.07	17.19	21.88	2300	---	140	4.0	36	11	1500	---	---	---	4.1	ATI
MW-6	03/01/95	38.46	15.66	22.80	270	---	11	ND<0.50	ND<0.50	ND<1.0	---	---	---	---	1.6	ATI
MW-6	06/06/95	38.46	15.82	22.64	220	---	2.3	ND<0.50	ND<0.50	ND<1.0	---	---	---	---	---	ATI
MW-6	09/01/95	38.46	16.25	22.21	780	---	ND<2.5	ND<2.5	ND<2.5	ND<5.0	2800	---	---	---	7.5	ATI
MW-6	11/29/95	38.46	16.80	21.66	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	1100	---	---	---	3.9	ATI
MW-7	03/01/95	39.50	16.21	23.29	1400	---	14	ND<1.0	14	27	---	---	---	---	1.8	ATI
MW-7	06/06/95	39.50	16.34	23.16	540	---	5.5	ND<0.50	15	1.1	---	---	---	---	---	ATI
MW-7	09/01/95	39.50	16.74	22.76	190	---	2.8	ND<0.50	5.0	ND<1.0	10	---	---	---	7.5	ATI
MW-7	11/29/95	39.50	17.33	22.17	230	---	31	ND<0.50	3.8	1.9	ND<5.0	---	---	---	4.6	ATI
QC-2 (e)	11/04/92	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	PACE
QC-2 (e)	11/04/92	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	PACE
QC-2 (e)	03/01/95	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<1.0	---	---	---	---	---	PACE
QC-2 (e)	05/12/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	PACE
QC-2 (e)	09/09/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	PACE
QC-2 (e)	11/03/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	---	---	PACE
QC-2 (e)	06/06/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	---	---	ATI
QC-2 (e)	09/01/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	---	---	ATI
QC-2 (e)	11/29/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<5.0	---	---	---	---	ATI

ABBREVIATIONS:

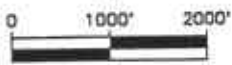
TPH-G	Total petroleum hydrocarbons as gasoline
TPH-D	Total petroleum hydrocarbons as diesel
B	Benzene
T	Toluene
E	Ethylbenzene
X	Total xylenes
MTBE	Methyl tert butyl ether
TOG	Total oil and grease
1,1,1-TCA	1,1,1-Trichloroethane
PCE	Tetrachloroethene
DO	Dissolved oxygen
ug/l	Micrograms per liter
ppm	Parts per million
ND	Not detected above reported detection limit
---	Not measured/analyzed/applicable
PACE	Pace, Inc.
ATI	Analytical Technologies, Inc.

NOTES:

- (a) Top of casing elevations surveyed relative to an established benchmark with an elevation of 39.95 feet above mean sea level.
- (b) Groundwater elevations in feet above mean sea level.
- (c) Blind duplicate.
- (d) Well inaccessible.
- (e) Travel blank.



SOURCE:  
 USGS MAP, HAYWARD & SAN LEANDRO QUADRANGLES,  
 7.5 MINUTE SERIES, 1959,  
 PHOTOREVISED 1980.



### FIGURE 1

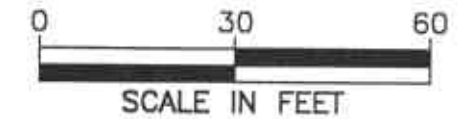
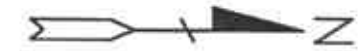
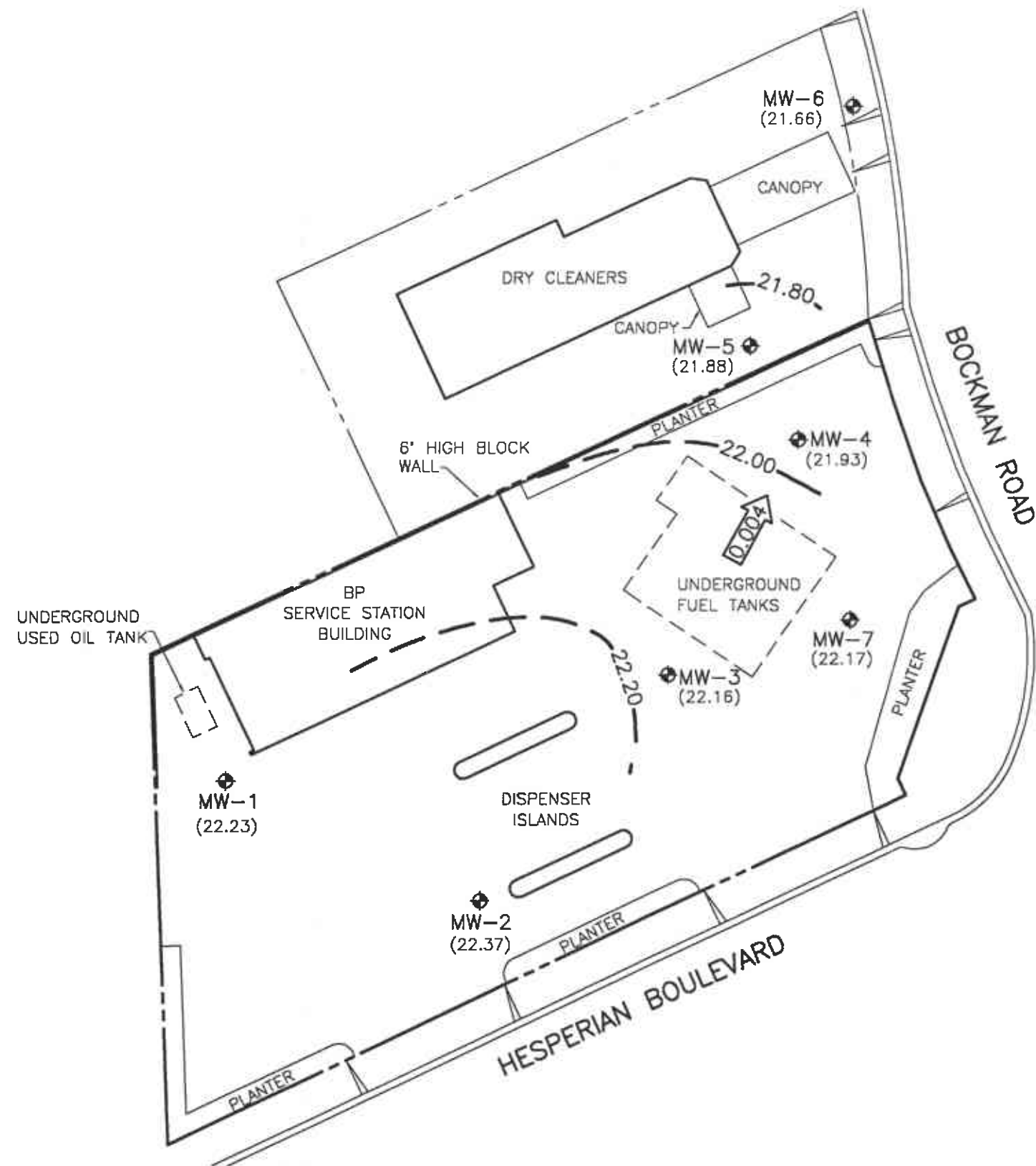
### VICINITY MAP

BP OIL SERVICE STATION NO. 11107  
 18501 HESPERIAN BOULEVARD  
 SAN LORENZO, CALIFORNIA

PROJECT NO. 10-060



**ALISTO ENGINEERING GROUP**  
 WALNUT CREEK, CALIFORNIA



**LEGEND**

- ◆ GROUNDWATER MONITORING WELL
- (21.66) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 21.80 - GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (CONTOUR INTERVAL=0.20 FOOT)
- ←0.004→ CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT

**FIGURE 2**

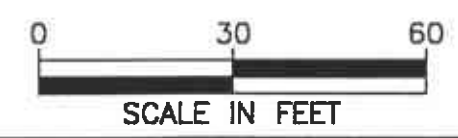
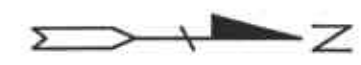
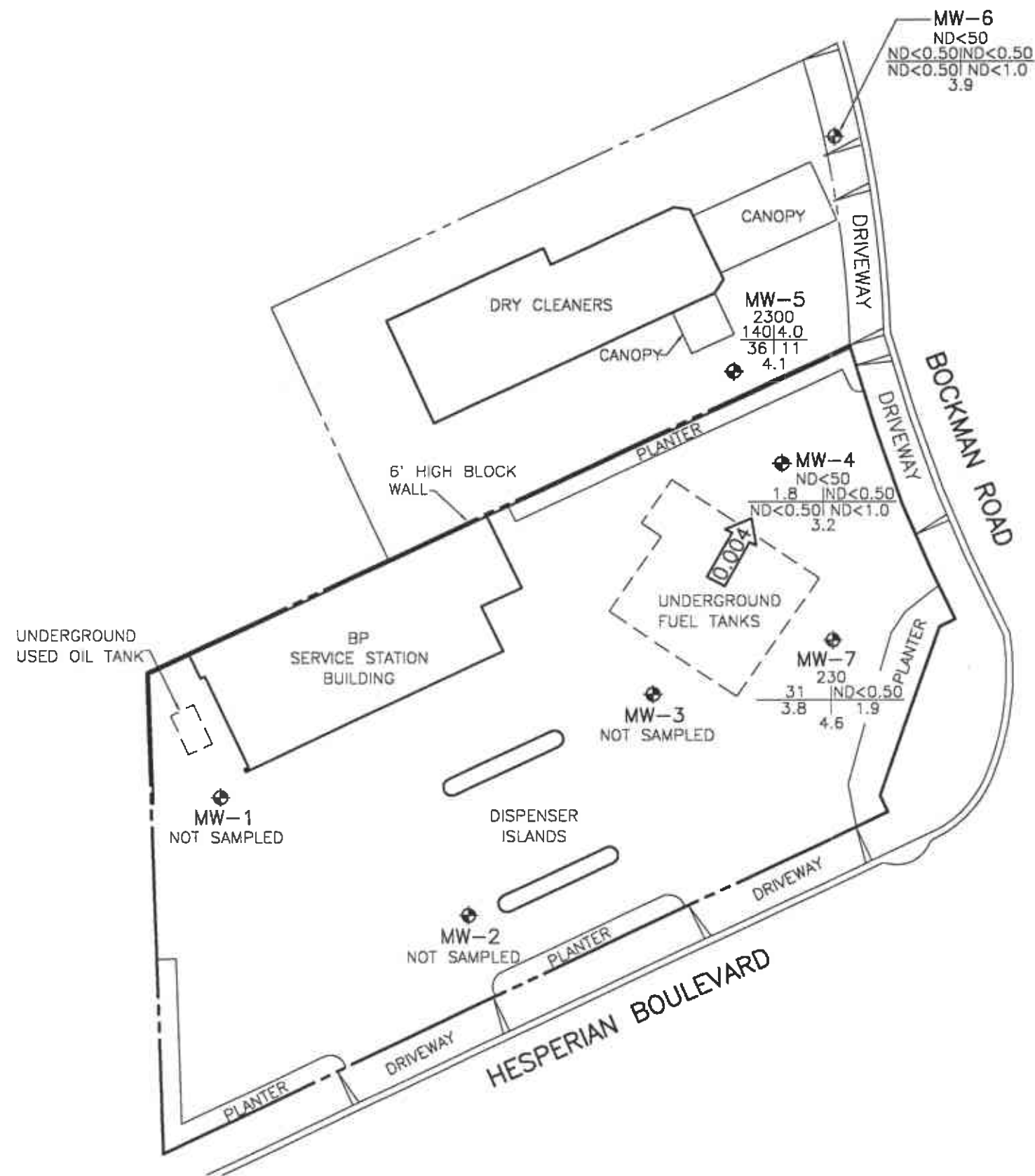
**POTENTIOMETRIC GROUNDWATER ELEVATION CONTOUR MAP**

**NOVEMBER 29, 1995**

BP OIL SERVICE STATION NO. 11107  
18501 HESPERIAN BOULEVARD  
SAN LORENZO, CALIFORNIA

PROJECT NO. 10-060





**LEGEND**

- ⊕ GROUNDWATER MONITORING WELL
- TPH-G CONCENTRATION OF CONSTITUENTS IN MICROGRAMS PER LITER, EXCEPT DISSOLVED OXYGEN, WHICH IS IN PARTS PER MILLION
- B | T
- E | X
- DO
- TPH-G TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- B BENZENE
- T TOLUENE
- E ETHYLBENZENE
- X TOTAL XYLENES
- DO DISSOLVED OXYGEN
- ND NOT DETECTED ABOVE REPORTED DETECTION LIMIT
- ←0.004 CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT

**FIGURE 3**  
**CONCENTRATIONS OF PETROLEUM HYDROCARBONS IN GROUNDWATER**  
**NOVEMBER 29, 1995**  
 BP OIL SERVICE STATION NO. 11107  
 18501 HESPERIAN BOULEVARD  
 SAN LORENZO, CALIFORNIA  
 PROJECT NO. 10-060



**APPENDIX A**  
**WATER SAMPLING FIELD SURVEY FORMS**

# ALISTO

## Field Report / Sampling Data Sheet

ENGINEERING

GROUP

1575 TREAT BOULEVARD, SUITE 201

WALNUT CREEK CA 94598 (510) 295-1650 FAX 295-1823

Project No.

10-060-05-062 <sup>001</sup>

Date:

11/29/95

Address

18501 Hesperian Blvd

Day:

MTWTHF

Contract No.

G602074

City:

San Lorenzo

Station No.

BP 11107

Sampler:

DL

### DEPTH TO GROUNDWATER SUMMARY

WELL ID	SAMPLE ID	WELL DIAM	TOTAL DEPTH	DEPTH TO WATER	PRODUCT THICKNESS	TIME SAMPLED	COMMENTS:
MW-1	SEMI	2"	30.70	18.84	Ø	9102	NS
MW-2	SEMI		25.00	18.19		1107	NS
MW-3	SEMI		25.20	18.29		1111	NS
MW-4	S-4		26.00	17.31		1130	
MW-5	S-3		26.00	17.19		1124	
MW-6	S-2		25.00	16.80		1120	
MW-7	S-1	✓	26.00	17.33	✓	1116	

Semi=Mar/Sept

### FIELD INSTRUMENT CALIBRATION DATA

pH METER Aquachek 4.00 ✓ 7.00 ✓ 10.00 ✓ TEMPERATURE COMPENSATED  N TIME 1210 WEATHER Sunny

D.O. METER Aquachek ZERO d.O. SOLUTION ✓ BAROMETRIC PRESSURE 760 TEMP 61.0 F

CONDUCTIVITY METER Aquachek 10,000 TURBIDITY METER \_\_\_\_\_ 5.0 NTU OTHER Factory provided solns.

Well ID	Depth to Water	Diam	Cap/Lock	Product	Dept	Iridescence	Gal.	Time	Temp *F	pH	E.C.	D.O.
MW-7	17.33	2"	OK	Ø	Y	(N)	1.5	1220	69.4	6.59	845	5.0
Total Depth - Water Level=							3	1224	69.7	6.59	840	4.7
$26.00 - 17.33 = 8.67 \times 1.6 = 1.39 \times 3 = 4.16$							4.25	1237	69.7	6.56	848	4.6
Purge Method: <input checked="" type="checkbox"/> Surface Pump <input type="checkbox"/> Disp. Tube <input type="checkbox"/> Winch <input type="checkbox"/> Disp. Bailer(s) <input type="checkbox"/> OSys Port												
Comments:												
TIME/SAMPLE ID 1232 / S-1												
MW-6	16.80	2"	OK	Ø	Y	(N)	1.5	1240	69.4	6.72	851	4.1
Total Depth - Water Level=							3	1244	69.9	6.74	854	4.0
$25.00 - 16.80 = 8.20 \times 1.6 = 1.31 \times 3 = 3.94$							4	1247	69.8	6.74	851	3.9
Purge Method: <input checked="" type="checkbox"/> Surface Pump <input type="checkbox"/> Disp. Tube <input type="checkbox"/> Winch <input type="checkbox"/> Disp. Bailer(s) <input type="checkbox"/> OSys Port												
Comments:												
TIME/SAMPLE ID 1252 / S-2												

- EPA 601 \_\_\_\_\_
- TPH-G/BTEX Hu
- TPH Diesel \_\_\_\_\_
- TOG 5520 \_\_\_\_\_
- TIME/SAMPLE ID
- EPA 601 \_\_\_\_\_
- TPH-G/BTEX Hu
- TPH Diesel \_\_\_\_\_
- TOG 5520 \_\_\_\_\_
- TIME/SAMPLE ID

# ALISTO

## Field Report / Sampling Data Sheet

ENGINEERING

GROUP

1575 TREAT BOULEVARD, SUITE 201

WALNUT CREEK CA 94598 (510) 295-1650 FAX 295-1823

Project No.

10-060-05-~~002~~<sup>001</sup>

Address

18501 Hesperian Blvd

Contract No.

G602074

Station No.

BP 11107

Sampler:

Date:

11/25/95

Day:

MTWTF

City:

San Lorenzo

Well ID	Depth to Water	Diam	Cap/Lock	Product Dept	Iridescence	Gal.	Time	Temp *F	pH	E.C.	D.O.
MW-5	17.19	2"	OL	Φ	Y (N)	1.5	1300	71.5	6.74	863	4.4
Total Depth - Water Level=						3	1305	70.5	6.88	873	4.2
x Well Vol. Factor=						4.25	1309	70.3	6.85	879	4.1
x#vol. to Purge PurgeVol.											
Purge Method: <input checked="" type="checkbox"/> Surface Pump <input type="checkbox"/> Disp. Tube <input type="checkbox"/> Winch <input type="checkbox"/> Disp. Bailer(s) <input type="checkbox"/> Sys Port											
Comments:											

- EPA 601 \_\_\_\_\_
- TPH-G/BTEX
- TPH Diesel \_\_\_\_\_
- TOG 5520 \_\_\_\_\_
- TIME/SAMPLE ID
- 1314 15-3

Well ID	Depth to Water	Diam	Cap/Lock	Product Dept	Iridescence	Gal.	Time	Temp *F	pH	E.C.	D.O.
MW-4	17.31	2"	replaced	Φ	Y (N)	1.5	1330	72.7	6.84	852	3.9
Total Depth - Water Level=						3	1334	72.6	6.79	841	3.5
x Well Vol. Factor=						4.25	1339	72.6	6.75	841	3.2
x#vol. to Purge PurgeVol.											
Purge Method: <input checked="" type="checkbox"/> Surface Pump <input type="checkbox"/> Disp. Tube <input type="checkbox"/> Winch <input type="checkbox"/> Disp. Bailer(s) <input type="checkbox"/> Sys Port											
Comments: OL-1 from this well (S-S)											

- EPA 601 \_\_\_\_\_
- TPH-G/BTEX
- TPH Diesel \_\_\_\_\_
- TOG 5520 \_\_\_\_\_
- TIME/SAMPLE ID
- 1345 15-4

**APPENDIX B**

**LABORATORY REPORT AND CHAIN OF CUSTODY RECORD**



Analytical **Technologies**, Inc.

Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D.: 511374

December 15, 1995

ALISTO ENGINEERING  
1575 TREAT BOULEVARD, SUITE 201  
WALNUT CREEK, CA 94598

Project Name: BP SITE#11107/18501 HESPERIAN BLVD, SAN LORENZO, CA  
Project # : G602074/10-060-05-002

Attention: BILL HOWELL

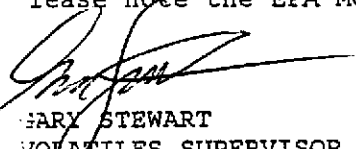
Analytical Technologies, Inc. has received the following sample(s):

<u>Date Received</u>	<u>Quantity</u>	<u>Matrix</u>
November 30, 1995	6	WATER

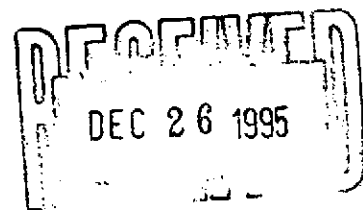
The sample(s) were analyzed with EPA methodology or equivalent methods as specified in the enclosed analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. If any flags appear next to the analytical data in this report, please see the attached list of flag definitions.

The results of these analyses and the quality control data are enclosed. Please note that the Sample Condition Upon Receipt Checklist is included at the end of this report.

Please note the EPA MOD 8015/8020 was performed by Analytical Technologies Inc., Renton.

  
GARY STEWART  
VOLATILES SUPERVISOR

  
ALAN J. KLEINSCHMIDT  
LABORATORY MANAGER



SAMPLE CROSS REFERENCE

Client : ALISTO ENGINEERING  
 Project # : G602074/10-060-05-002  
 Project Name: BP SITE#11107/18501 HESPERIAN BLVD, SAN LORENZO, CA

Report Date: December 15, 1995  
 ATI I.D. : 511374

ATI #	Client Description	Matrix	Date Collected
1	S-1	WATER	29-NOV-95
2	S-2	WATER	29-NOV-95
3	S-3	WATER	29-NOV-95
4	S-4	WATER	29-NOV-95
5	S-5	WATER	29-NOV-95
6	S-6	WATER	29-NOV-95

---TOTALS---

<u>Matrix</u>	<u># Samples</u>
WATER	6

ATI STANDARD DISPOSAL PRACTICE

The sample(s) from this project will be disposed of in twenty-one (21) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

ANALYTICAL SCHEDULE

Client : ALISTO ENGINEERING

Project # : G602074/10-060-05-002

ATI I.D.: 511374

Project Name: BP SITE#11107/18501 HESPERIAN BLVD, SAN LORENZO, CA

Analysis	Technique/Description
MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C7-C12/BTXE)	GC/FLAME ION./PHOTO IONIZATION DETECTOR



Analytical **Technologies, Inc.**

560 Naches Avenue, S.W., Suite 101, Renton, WA 98055 (206) 228-8335

John M. Buerger, Laboratory Manager

ATI I.D. # 512029

December 14, 1995

Analytical Technologies, Inc.  
5550 Morehouse Drive  
San Diego CA 92121

Attention : Gary Stewart

Project Number : 511374

Project Name : Alisto/BP# 11107

Dear Mr. Stewart:

On December 6, 1995, Analytical Technologies, Inc. (ATI), received six samples for analysis. The samples were analyzed with EPA methodology or equivalent methods as specified in the attached analytical schedule. The results, sample cross reference, and quality control data are enclosed.

Sincerely,

Victoria L. Bayly  
Project Manager

VLB/hal/elf

Enclosure



## SAMPLE CROSS REFERENCE SHEET

CLIENT : ANALYTICAL TECHNOLOGIES, INC.  
PROJECT # : 511374  
PROJECT NAME : ALISTO/BP# 11107

ATI #	CLIENT DESCRIPTION	DATE SAMPLED	MATRIX
512029-1	S-1	11/29/95	WATER
512029-2	S-2	11/29/95	WATER
512029-3	S-3	11/29/95	WATER
512029-4	S-4	11/29/95	WATER
512029-5	S-5	11/29/95	WATER
512029-6	S-6	11/29/95	WATER

-----  
----- TOTALS -----

MATRIX	# SAMPLES
WATER	6

ATI STANDARD DISPOSAL PRACTICE  
-----

The samples from this project will be disposed of in thirty (30) days from the date of the report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.



## ANALYTICAL SCHEDULE

CLIENT : ANALYTICAL TECHNOLOGIES, INC.  
PROJECT # : 511374  
PROJECT NAME : ALISTO/BP# 11107

ANALYSIS	TECHNIQUE	REFERENCE	LAB
BETX + MTBE	GC/PID	EPA 8020	R
FUEL HYDROCARBONS	GC/FID	EPA 8015 MODIFIED- CDOHS	R

R = ATI - Renton  
SD = ATI - San Diego  
PHX = ATI - Phoenix  
PTL = ATI - Portland  
ANC = ATI - Anchorage  
PNR = ATI - Pensacola  
FC = ATI - Fort Collins  
SUB = Subcontract

VOLATILE ORGANICS ANALYSIS  
 DATA SUMMARY

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	DATE SAMPLED	: N/A
PROJECT #	: 511374	DATE RECEIVED	: N/A
PROJECT NAME	: ALISTO/BP# 11107	DATE EXTRACTED	: N/A
CLIENT I.D.	: METHOD BLANK	DATE ANALYZED	: 12/08/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020	DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	<0.50
ETHYLBENZENE	<0.50
TOLUENE	<0.50
TOTAL XYLENES	<1.0
METHYL-TERT-BUTYL ETHER	<5.0
GASOLINE	<50

SURROGATE PERCENT RECOVERY		LIMITS
TRIFLUOROTOLUENE	98	50 - 150
BROMOFLUOROBENZENE	85	70 - 119



VOLATILE ORGANICS ANALYSIS  
DATA SUMMARY

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	DATE SAMPLED	: N/A
PROJECT #	: 511374	DATE RECEIVED	: N/A
PROJECT NAME	: ALISTO/BP# 11107	DATE EXTRACTED	: N/A
CLIENT I.D.	: METHOD BLANK	DATE ANALYZED	: 12/11/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020	DILUTION FACTOR	: 1

-----  
COMPOUNDS

RESULTS  
-----

BENZENE .....	<0.50
ETHYLBENZENE	<0.50
TOLUENE	<0.50
TOTAL XYLENES .....	<1.0
METHYL-TERT-BUTYL ETHER	<5.0
GASOLINE	<50

SURROGATE PERCENT RECOVERY

LIMITS

TRIFLUOROTOLUENE .....	99	50 - 150
BROMOFLUOROBENZENE	91	70 - 119



VOLATILE ORGANICS ANALYSIS  
DATA SUMMARY

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	DATE SAMPLED	: 11/29/95
PROJECT #	: 511374	DATE RECEIVED	: 12/06/95
PROJECT NAME	: ALISTO/BP# 11107	DATE EXTRACTED	: N/A
CLIENT I.D.	: S-1	DATE ANALYZED	: 12/09/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020	DILUTION FACTOR	: 1

-----

COMPOUNDS	RESULTS
-----------	---------

-----

BENZENE .....	31
ETHYLBENZENE	3.8
TOLUENE	<0.50
TOTAL XYLENES .....	1.9
METHYL-TERT-BUTYL ETHER	<5.0
GASOLINE	230

SURROGATE PERCENT RECOVERY

LIMITS

TRIFLUOROTOLUENE .....	98	50 - 150
BROMOFLUOROBENZENE	97	70 - 119

VOLATILE ORGANICS ANALYSIS  
 DATA SUMMARY

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	DATE SAMPLED	: 11/29/95
PROJECT #	: 511374	DATE RECEIVED	: 12/06/95
PROJECT NAME	: ALISTO/BP# 11107	DATE EXTRACTED	: N/A
CLIENT I.D.	: S-2	DATE ANALYZED	: 12/09/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020	DILUTION FACTOR	: 1

 -----  
 COMPOUNDS

 -----  
 RESULTS
 -----

BENZENE .....	<0.50		
ETHYLBENZENE	<0.50		
TOLUENE	<0.50		
TOTAL XYLENES .....	<1.0		
METHYL-TERT-BUTYL ETHER		1100	D6
GASOLINE	<50		

## SURROGATE PERCENT RECOVERY

## LIMITS

TRIFLUOROTOLUENE .....	97	50 - 150
BROMOFLUOROBENZENE	93	70 - 119

D6 = Value from a 50 fold diluted analysis.



VOLATILE ORGANICS ANALYSIS  
DATA SUMMARY

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	DATE SAMPLED	: 11/29/95
PROJECT #	: 511374	DATE RECEIVED	: 12/06/95
PROJECT NAME	: ALISTO/BP# 11107	DATE EXTRACTED	: N/A
CLIENT I.D.	: S-3	DATE ANALYZED	: 12/09/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020	DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE .....	140 D6
ETHYLBENZENE	36
TOLUENE	4.0
TOTAL XYLENES .....	11
METHYL-TERT-BUTYL ETHER	1500 D6
GASOLINE	2300

SURROGATE PERCENT RECOVERY

LIMITS

TRIFLUOROTOLUENE .....	98	50 - 150
BROMOFLUOROBENZENE	111	70 - 119

D6 = Value from a 50 fold diluted analysis.



VOLATILE ORGANICS ANALYSIS  
DATA SUMMARY

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	DATE SAMPLED	: 11/29/95
PROJECT #	: 511374	DATE RECEIVED	: 12/06/95
PROJECT NAME	: ALISTO/BP# 11107	DATE EXTRACTED	: N/A
CLIENT I.D.	: S-4	DATE ANALYZED	: 12/09/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020	DILUTION FACTOR	: 1

COMPOUNDS	RESULTS
BENZENE	1.8
ETHYLBENZENE	<0.50
TOLUENE	<0.50
TOTAL XYLENES	<1.0
METHYL-TERT-BUTYL ETHER	440 D5
GASOLINE	<50

SURROGATE PERCENT RECOVERY	LIMITS
TRIFLUOROTOLUENE	97 50 - 150
BROMOFLUOROBENZENE	96 70 - 119

D5 = Value from a twenty fold diluted analysis.





VOLATILE ORGANICS ANALYSIS  
DATA SUMMARY

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	DATE SAMPLED	: 11/29/95
PROJECT #	: 511374	DATE RECEIVED	: 12/06/95
PROJECT NAME	: ALISTO/BP# 11107	DATE EXTRACTED	: N/A
CLIENT I.D.	: S-5	DATE ANALYZED	: 12/09/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020	DILUTION FACTOR	: 1

-----  
COMPOUNDS

RESULTS  
-----

BENZENE .....	1.5	
ETHYLBENZENE	<0.50	
TOLUENE	<0.50	
TOTAL XYLENES .....	<1.0	
METHYL-TERT-BUTYL ETHER	490	D5
GASOLINE	<50	

SURROGATE PERCENT RECOVERY

LIMITS

TRIFLUOROTOLUENE .....	93	50 - 150
BROMOFLUOROBENZENE	95	70 - 119

D5 = Value from a twenty fold diluted analysis.



VOLATILE ORGANICS ANALYSIS  
DATA SUMMARY

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	DATE SAMPLED	: 11/29/95
PROJECT #	: 511374	DATE RECEIVED	: 12/06/95
PROJECT NAME	: ALISTO/BP# 11107	DATE EXTRACTED	: N/A
CLIENT I.D.	: S-6	DATE ANALYZED	: 12/11/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020	DILUTION FACTOR	: 1

-----  
COMPOUNDS

RESULTS

BENZENE .....	<0.50
ETHYLBENZENE	<0.50
TOLUENE	<0.50
TOTAL XYLENES .....	<1.0
METHYL-TERT-BUTYL ETHER	<5.0
GASOLINE	<50

SURROGATE PERCENT RECOVERY

LIMITS

TRIFLUOROTOLUENE .....	99	50 - 150
BROMOFLUOROBENZENE	95	70 - 119



VOLATILE ORGANICS ANALYSIS  
QUALITY CONTROL DATA

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	SAMPLE I.D. #	: BLANK
PROJECT #	: 511374	DATE EXTRACTED	: N/A
PROJECT NAME	: ALISTO/BP# 11107	DATE ANALYZED	: 12/08/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020		

COMPOUNDS	SAMPLE RESULT	SPIKE ADDED	SPIKED RESULT	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
BENZENE	<0.500	20.0	18.8	94	N/A	N/A	N/A
TOLUENE	<0.500	20.0	19.6	98	N/A	N/A	N/A
TOTAL XYLENES	<1.00	40.0	39.2	98	N/A	N/A	N/A
METHYL-TERT-BUTYL ETHER	<5.00	20.0	18.5	93	N/A	N/A	N/A
GASOLINE	<50.0	1000	933	93	N/A	N/A	N/A

CONTROL LIMITS	% REC.	RPD
BENZENE	89 - 110	10
TOLUENE	89 - 113	10
TOTAL XYLENES	89 - 111	10
METHYL-TERT-BUTYL ETHER	80 - 120	10
GASOLINE	78 - 116	20

SURROGATE RECOVERIES	SPIKE	DUP. SPIKE	LIMITS
TRIFLUOROTOLUENE	101	N/A	50 - 150
BROMOFLUOROBENZENE	92	N/A	70 - 119

ATI I.D. # 512029

VOLATILE ORGANICS ANALYSIS  
QUALITY CONTROL DATA

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	SAMPLE I.D. #	: BLANK
PROJECT #	: 511374	DATE EXTRACTED	: N/A
PROJECT NAME	: ALISTO/BP# 11107	DATE ANALYZED	: 12/11/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020		

COMPOUNDS	SAMPLE RESULT	SPIKE ADDED	SPIKED RESULT	% REC.	DUP. SPIKED SAMPLE	DUP. % REC.	RPD
BENZENE	<0.500	20.0	19.8	99	N/A	N/A	N/A
TOLUENE	<0.500	20.0	21.1	106	N/A	N/A	N/A
TOTAL XYLENES	<1.00	40.0	43.0	108	N/A	N/A	N/A
METHYL-TERT-BUTYL ETHER	<5.00	20.0	16.6	83	N/A	N/A	N/A
GASOLINE	<50.0	1000	1010	101	N/A	N/A	N/A

CONTROL LIMITS	% REC.	RPD
BENZENE	89 - 110	10
TOLUENE	89 - 113	10
TOTAL XYLENES	89 - 111	10
METHYL-TERT-BUTYL ETHER	80 - 120	10
GASOLINE	78 - 116	20

SURROGATE RECOVERIES	SPIKE	DUP. SPIKE	LIMITS
TRIFLUOROTOLUENE	100	N/A	50 - 150
BROMOFLUOROBENZENE	96	N/A	70 - 119

ATI I.D. # 512029

VOLATILE ORGANICS ANALYSIS  
QUALITY CONTROL DATA

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	SAMPLE I.D. #	: 512029-6
PROJECT #	: 511374	DATE EXTRACTED	: N/A
PROJECT NAME	: ALISTO/BP# 11107	DATE ANALYZED	: 12/11/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020		

COMPOUND	SAMPLE RESULT	SAMPLE DUP. RESULT	RPD	SPIKE ADDED	SPIKED RESULT	% REC.	DUP. SPIKED RESULT	DUP. % REC.	RPD
GASOLINE	<50.0	<50.0	NC	N/A	N/A	N/A	N/A	N/A	N/A
CONTROL LIMITS						% REC.			RPD
GASOLINE						N/A			20
SURROGATE RECOVERIES				SAMPLE		SAMPLE DUP.		LIMITS	
TRIFLUOROTOLUENE				99		98			50 - 150

NC = Not calculable.

ATI I.D. # 512029

VOLATILE ORGANICS ANALYSIS  
QUALITY CONTROL DATA

CLIENT	: ANALYTICAL TECHNOLOGIES, INC.	SAMPLE I.D. #	: 512039-1
PROJECT #	: 511374	DATE EXTRACTED	: N/A
PROJECT NAME	: ALISTO/BP# 11107	DATE ANALYZED	: 12/11/95
SAMPLE MATRIX	: WATER	UNITS	: ug/L
EPA METHOD	: 8015 MODIFIED-CDOHS/8020		

COMPOUND	SAMPLE RESULT	SAMPLE DUP. RESULT	RPD	SPIKE ADDED	SPIKED RESULT	% REC.	DUP. SPIKED RESULT	DUP. % REC.	RPD
BENZENE	<0.500	N/A	N/A	20.0	19.2	96	19.0	95	1
TOLUENE	<0.500	N/A	N/A	20.0	20.7	103	20.2	101	2
TOTAL XYLENES	<1.00	N/A	N/A	40.0	41.9	105	40.6	102	3
METHYL-TERT- BUTYL ETHER	<5.00	N/A	N/A	20.0	18.6	93	20.3	102	9
GASOLINE	<50.0	<50.0	NC	1000	1030	103	1010	101	2

CONTROL LIMITS	% REC.	RPD
BENZENE	86 - 113	10
TOLUENE	87 - 114	10
TOTAL XYLENES	85 - 113	10
METHYL-TERT-BUTYL ETHER	80 - 120	10
GASOLINE	80 - 113	20

SURROGATE RECOVERIES	SPIKE	DUP. SPIKE	LIMITS
TRIFLUOROTOLUENE	100	102	50 - 150
BROMOFLUOROBENZENE	96	93	70 - 119

NC = Not calculable.

ACCESSION #: 511374

INITIALS: [Signature]

**ATI-San Diego**  
**SAMPLE CONDITION UPON RECEIPT CHECKLIST**  
 (FOR RE-ACCESSIONS, COMPLETE #7 THRU #9)

1	Does this project require special handling according to NFESC Levels C, D, AFCEE or CLP protocols? If yes, complete a) and b) a) pH sample aliquoted: yes /no /na b) Either 1) Record Bottle Lot #'s: Or 2) Attach Sample Kit Request Form(s)	YES	<u>NO</u>
2	Number of Coolers Received If more than one cooler received attach Multiple Cooler Documentation Form (MCD) Indicate "see MCD" on Item 11 below	/	
3	Are custody seals required for this project ?	YES	<u>N/A</u>
	a) are Custody Seals present on Cooler(s) ?	YES	<u>NO</u>
	If yes, are seals intact ?	<u>NA</u>	NO
	b) are Custody Seals present on the sample ?	YES	<u>NO</u>
	If yes, are seals intact ?	<u>NA</u>	NO
4	Is there a Chain-Of-Custody (COC)' per cooler ? if not, if a problem is found indicate which samples/test were in the affected cooler on the MCD.	<u>YES</u>	NO
5	Is the COC' complete per cooler ? Relinquished: <u>yes/no</u> Requested analysis: <u>yes/no</u>	<u>YES</u>	NO
6	Is the COC' in agreement with the samples received? # Samples: <u>yes/no</u> Sample ID's: <u>yes/no</u> Date sampled: <u>yes/no</u> Matrix: <u>yes/no</u> # containers: <u>yes/no</u>	<u>YES</u>	NO
7	Are the samples preserved correctly?	<u>YES</u>	NO
8	Is there enough sample for all the requested analyses?	<u>YES</u>	NO
9	Are all samples within holding times for the requested analyses?	<u>YES</u>	NO
10	Record cooler temperature. Contact PM if temperature is not 4°C ± 2°C.	°C	
	Is ice present in cooler?	<u>YES</u>	NO
11	Were all sample containers received intact (ie. not broken, leaking, etc.)?	<u>YES</u>	NO
12	Are samples requiring no headspace, headspace free? <span style="float: right;">N/A</span>	<u>YES</u>	NO
13	Are VOA 1st stickers required?	YES	<u>NO</u>
14	Are there special comments on the Chain of Custody which require client contact?	YES	<u>N/A</u>
15	If yes, was ATI Project Manager notified?	YES	NO

Describe "no" items: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Was client contacted? yes / no  
 If yes, Date: \_\_\_\_\_ Name of Person contacted:  
 Describe actions taken or client instructions: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

\*Or other representative documents, letters, and/or shipping memos

# Chain of Custody

**PROJECT MANAGER:** Gary Stewart  
**COMPANY:** ATI-SD  
**ADDRESS:**

**BILL TO:** Same  
**COMPANY:**  
**ADDRESS:**

**SAMPLERS:** (Signature) \_\_\_\_\_ PHONE NUMBER \_\_\_\_\_

Recommended Quantity and Preservative (Provide triple volume on QC Samples)																		
1L (H <sub>2</sub> SO <sub>4</sub> )/100g	1L (H <sub>2</sub> SO <sub>4</sub> )/100g	4 oz (HCl)/50g	4 oz (HCl)/50g	2X40ml (HCl)/50g	4 oz (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	2X40ml (HCl)/50g	500ml/50g	1L/50g	1L/100g	2X40ml (HCl)/100g	1L/100g	500ml/100g	500ml/100g	Number of Containers	
Petroleum Hydrocarbons 418.1	Oil and Grease 413.2	Gasoline (MOD 8015/DOHS)	Diesel (MOD 8015/DOHS)	Gasoline/BTXE (MOD 8015/8020) Maximum Contamination Level of Gasoline: 2ppm (water), 50ppm (Soil)	MOD 8015 (Unknown)	BTXE (8020)	Chlorinated Hydrocarbons (8010)	Aromatic Hydrocarbons (8020)	Chlorinated/Aromatic Hydrocarbons (8010/8020)	Organic Pb	Pesticides/PCB (8080)	Base/NEU/Acid Cmpds GC/MS (8270)	Volatile Cmpds GC/MS (8240)	Polynuclear Aromatic (8310)	CCR Metals	Priority Pollutant Metals	L-FUEL + MTBE	2
																	2	
																	2	
																	2	
																	2	
																	2	
																	2	
																	2	

SAMPLE ID	SAMPLE DATE	TIME	MATRIX	LAB ID
511374-01 (S-1)	11/29/95		Water	1
511374-02 (S-2)	I		I	2
511374-03 (S-3)	I		I	3
511374-04 (S-4)	I		I	4
511374-05 (S-5)	I		I	5
511374-06 (S-6)				6

FLUOR

PROJECT INFORMATION	SAMPLE RECEIPT
PROJECT NUMBER: 511374	TOTAL NUMBER OF CONTAINERS: 12
PROJECT NAME: Alisto	CHAIN OF CUSTODY SEALS Y/N/A: Y
PURCHASE ORDER NUMBER:	SEALS INTACT Y/N/A: Y
VIA:	RECEIVED GOOD COND/GOLD: Y
TAT: <input type="checkbox"/> 24HR <input type="checkbox"/> 48HRS <input type="checkbox"/> 72HRS <input type="checkbox"/> 1WK <input type="checkbox"/> 2WK	LAB NUMBER: 512029

**SAMPLE DISPOSAL INSTRUCTIONS**

ATI Disposal @ \$5.00 each     Return     Pickup

Comments: Hold Time UP 12/13 !!

**RELINQUISHED BY: 1**

Signature: Lucy Ding  
Time: 4:30 PM  
Printed Name: Lucy Ding  
Date: 11/9/95  
Company: ATI-SD

**RECEIVED BY: 1**

Signature: [Signature]  
Time: 9:30  
Printed Name: [Name]  
Date: 12-6-95  
Company: ATI

**RELINQUISHED BY: 2**

Signature: \_\_\_\_\_  
Time: \_\_\_\_\_  
Printed Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Company: \_\_\_\_\_

**RECEIVED BY: 2**

Signature: \_\_\_\_\_  
Time: \_\_\_\_\_  
Printed Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Company: \_\_\_\_\_

**RELINQUISHED BY: 3**

Signature: \_\_\_\_\_  
Time: \_\_\_\_\_  
Printed Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Company: \_\_\_\_\_

**RECEIVED BY: (LAB) 3**

Signature: \_\_\_\_\_  
Time: \_\_\_\_\_  
Printed Name: \_\_\_\_\_  
Date: \_\_\_\_\_  
Company: Analytical Technologies, Inc.