

October 20, 1994

CESPK-ED-EC Ray Zimny
Corps of Engineers
Sacramento District
1325 J Street
Sacramento, CA 95814-2922

**Subject: Tank 732-2 Subsurface Investigation at Building 732 - Final Report
Camp Parks Reserve Forces Training Area (RFTA), Dublin, CA
Contract DACA05-92-D-0032, D.O. 0028**

Dear Mr. Zimny:

Woodward-Clyde Federal Services (WCFS) respectfully submits this final letter report of subsurface investigations completed at the location of the former underground storage tank 732-2 at Camp Parks RFTA. This report documents the work completed on July 15, 1994, performed in accordance with the contract Scope of Work (SOW) dated May 12, 1994, regarding soil and groundwater sampling at the site. A copy of this letter report is also being sent to Ms. Eva Chu of the Alameda County Health Care Services Agency, Department of Environmental Health for your convenience.

The report includes sections documenting the analytical results obtained from soil and groundwater sampling performed under Task 2 of the SOW, copies of laboratory data sheets, field notes and boring logs, and recommendations for site closure. Comments received from Ms. Chu on the the draft report have been incorporated into this final report. Attachments to the report include tabular summaries of analytical data (Tables 1 and 2); site location maps (Figure 1 and 2); a site map with posted summaries of the analytical data (Figure 3); boring logs including field QA/QC documentation (Attachment 1); laboratory analytical data sheets including sample and quality assurance/quality control (QA/QC) data (Attachment 2); the tank disposal manifest (Attachment 3); and a statement from Camp Parks regarding the past use of the tank (Attachment 4).

**TANK 732-2 SUBSURFACE INVESTIGATION AT BUILDING 732
CAMP PARKS RFTA
DUBLIN, CALIFORNIA**

In accordance to the SOW, a subsurface investigation was conducted at the site (Figures 1, 2, and 3) on July 15, 1994. This field investigation consisted of collecting and analyzing soil and groundwater (Hydropunch II) samples taken from three soil borings.

H:\PARKS\7128.RPT\1

C1020941604

Woodward-Clyde Federal Services

CESPK-ED-EC Ray Zimny
Corps of Engineers, Sacramento District
October 20, 1994
Page 2

Background

Tank B-732-2 was an underground storage tank which was used to store diesel fuel #2 for vehicle refueling. The tank had been unused for several years prior to being capped off approximately 4 years ago, and its removal on February 23, 1993. According to personnel at Camp Parks, the former presence of a dispenser associated with the tank confirmed its use as a diesel tank. A memo from Richard L. Stansberry, Supervisor ECS 30, Camp Parks, included as Attachment 4, states that the tank was not used to store waste oil, as was erroneously reported in the tank closure report submitted by the Department of the Navy, Navy Public Works Center (the Navy), in July 1993.

Sampling and Analysis Activities

Soil and groundwater sampling consisted of collection and analysis of twelve soil and three groundwater samples from three soil borings; CP-1, CP-2, and CP-3. Four soil samples were collected in each boring from approximately 2, 5, and 10 feet depth, and at groundwater (approximately 15 feet depth). QA/QC samples included a duplicate groundwater sample collected from CP-2, a blind equipment blank (identified as CP-4 in the laboratory report), and one trip blank. Samples were submitted to Coast-to-Coast Analytical Services, Inc., San Jose, California for TPH-gasoline (Modified EPA Method 8015), Volatile Aromatic Hydrocarbons [(Benzene, Toluene, Ethylbenzene, and Xylene(BTEX)) Modified EPA Method 8020], TPH-diesel (Modified EPA Method 8015), and Total Lead (EPA Method 7420/7421). The trip blank was analyzed for TPH-gasoline and BTEX only. These analytes were those included in the approved workplan dated February 10, 1994, prepared by the Navy.

Soil Analytical Data Results

The analytical results for parameters detected in the soil are posted on Figure 3 and listed in Table 1. All soil samples did not contain detectable levels of TPH-gasoline (Practical quantitation limit (PQL) = <1 mg/Kg), BTEX (PQL=<0.005 mg/Kg), and TPH-diesel (PQL=<1 mg/Kg). TPH in two samples contained detectable levels of hydrocarbons and were analyzed for motor oil. The TPH found in soil boring CP-2, at one foot depth, and CP-3, at 2 feet depth, were in the heavier range and reported as motor oil at 21 and 27 mg/Kg, respectively. Total Lead for soil samples ranged from 9 mg/Kg to 16 mg/Kg.

Woodward-Clyde Federal Services

CESPK-ED-EC Ray Zimny
Corps of Engineers, Sacramento District
October 20, 1994
Page 3

Groundwater Analytical Data Results

The analytical results for compounds detected in the groundwater are posted on Figure 3 and listed in Table 2. All of the groundwater samples did not contain detectable levels of TPH-gasoline (PQL = <50 ug/L), BTEX (PQL=<0.5 ug/L), and TPH-diesel (PQL=<50 ug/L for soil borings CP-1 and CP-3; <100 ug/L for soil boring CP-2). Groundwater analysis did not indicate the heavier, motor oil range as detected in soil. Detected levels of total recoverable lead in groundwater from CP-1, CP-2, and CP-3 were 0.26, 0.22, and 0.065 mg/L, respectively (Table 2).

Conclusions

Typical remediation goals for petroleum-contaminated soils range from 100 mg/Kg to 1000 mg/Kg depending on intended use of the property. The higher range goals apply to heavier hydrocarbons as detected in soils for this investigation. The level of total petroleum hydrocarbons detected in soil samples CP-2 (1 foot depth) and CP-3 (2 feet depth) range from 21 mg/Kg to 27 mg/Kg and are significantly below typical remediation goals. Total Lead levels found in soil samples were significantly less than the TTLC (1000 mg/Kg) and less than ten times the STLC (5 mg/L) and RCRA-TCLP (5 mg/L) for this element. Total Lead levels found in groundwater samples were significantly less than the STLC (5 mg/L) and RCRA-TCLP (5 mg/L) for this element. TTLC and STLC are defined for characterization of hazardous wastes for disposal. However, ten times the STLC is a commonly used remediation goal for soils.

Recommendations

WCFS recommends a site closure based on results of the analytical data. Detected levels of TPH and lead were below typical clean-up requirement concentrations. WCFS recommends that the soil cuttings and decontamination water in the waste drums be distributed on site and waste drums be reused at Camp Parks RFTA. No further subsurface investigation, excavation, or monitoring well emplacement is recommended.


**Woodward-Clyde
Federal Services**

CESPK-ED-EC Ray Zimny
Corps of Engineers, Sacramento District
October 20, 1994
Page 4

Please do not hesitate to call me if you have any questions or comments regarding this report of the subsurface investigation at Tank 732-2.

Sincerely,

WOODWARD-CLYDE FEDERAL SERVICES


J. Michael Sartor, P.E.
Project Manager

Attachments

CC: Bob Cowan, Parks RFTA (3 copies w/Attachments)
Paul Steucke Jr., I Corps & Fort Lewis (1 copy w/Attachments)
HQ 124th ARCOM, ATTN: AFKC-ACD-EN (Mike Kelly) Seattle WA 98199
Eva Chu, Alameda County Department of Environmental Health

**Woodward-Clyde
Federal Services**

CESPK-ED-EC Ray Zimny
Corps of Engineers, Sacramento District
October 20, 1994
Page 5

**TABLE 1
ANALYTICAL RESULTS FOR PARAMETERS DETECTED
IN SOIL
CAMP PARKS, DUBLIN, CALIFORNIA**

Soil Boring Number	Depth (feet)	EPA METHOD 7420 Total Lead ¹ (mg/Kg)	MODIFIED EPA METHOD 8015 TPH reported as Motor Oil ² (mg/Kg)
CP-1	2	9	--
	5	12	--
	10	16	--
	14	10	--
CP-2	1	12	21 ³
	5	12	--
	10	11	--
	14	11	--
CP-3	2	11	27 ³
	5	11	--
	10	15	--
	15	11	--

Notes:

- Sample analyzed for TPH-diesel, neither diesel nor motor oil was detected.
 - 1 Sample preparation using EPA 3050.
 - 2 Sample preparation using EPA 3550.
 - 3 TPH found in samples were in the heavier, motor oil range.
- Each soil sample was 6 inches. Number denoted represents the top of the soil sample.

**Woodward-Clyde
Federal Services**

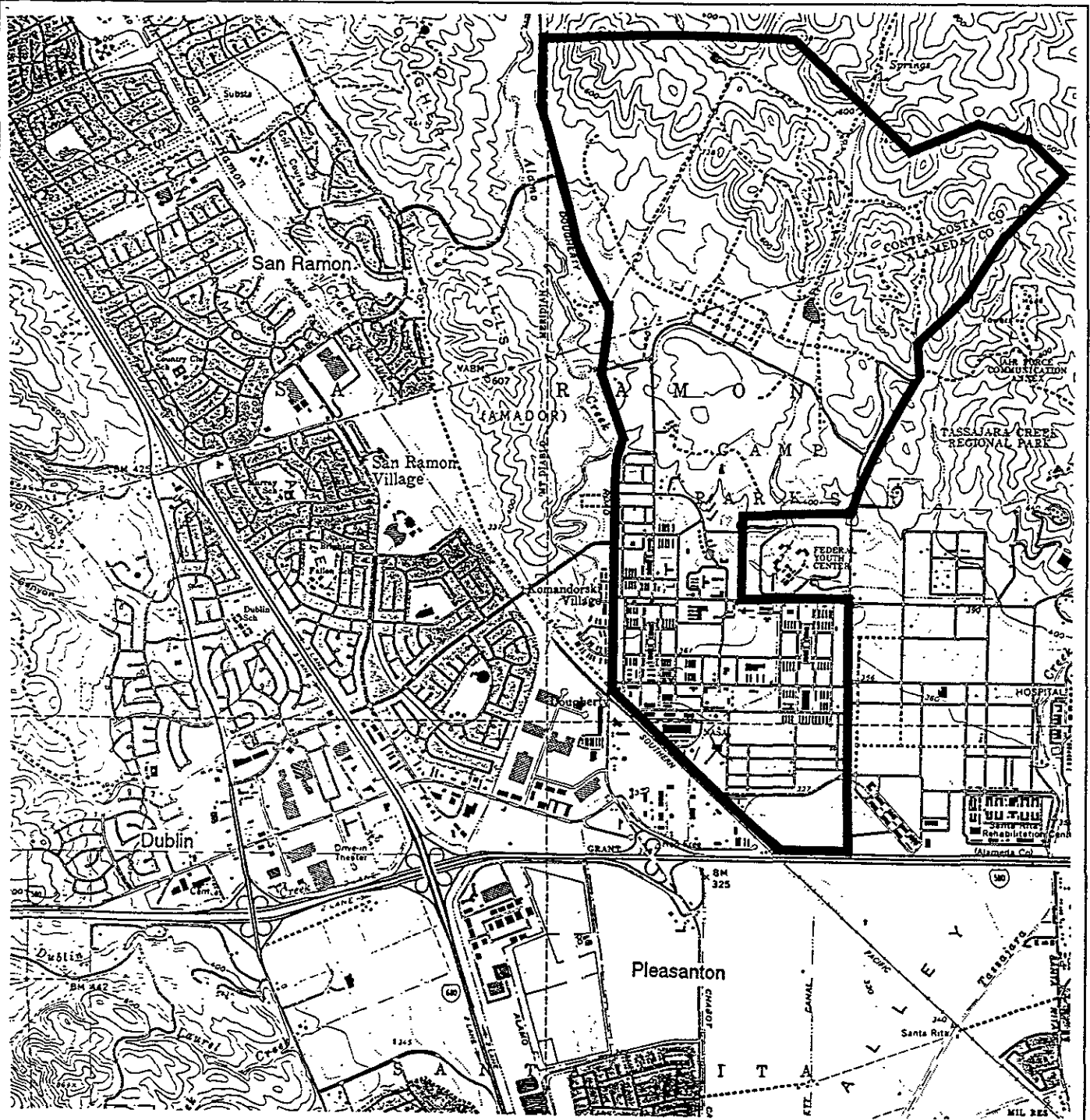
CESPK-ED-EC Ray Zimny
Corps of Engineers, Sacramento District
October 20, 1994
Page 6

TABLE 2 ANALYTICAL RESULTS FOR DETECTED PARAMETER IN GROUNDWATER CAMP PARKS, DUBLIN, CALIFORNIA	
Soil Boring Number	EPA METHOD 7421
	Total Lead¹ (mg/L)
CP-1	0.26
CP-2	0.22/0.22 ²
CP-3	0.065

Note:

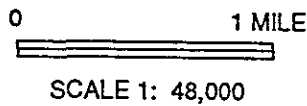
- 1 Sample preparation using EPA 3005.
- 2 Duplicate sample

FIGURES

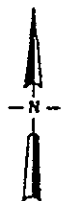
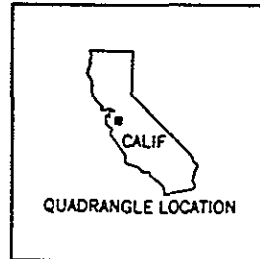


Legend

 Site Boundary

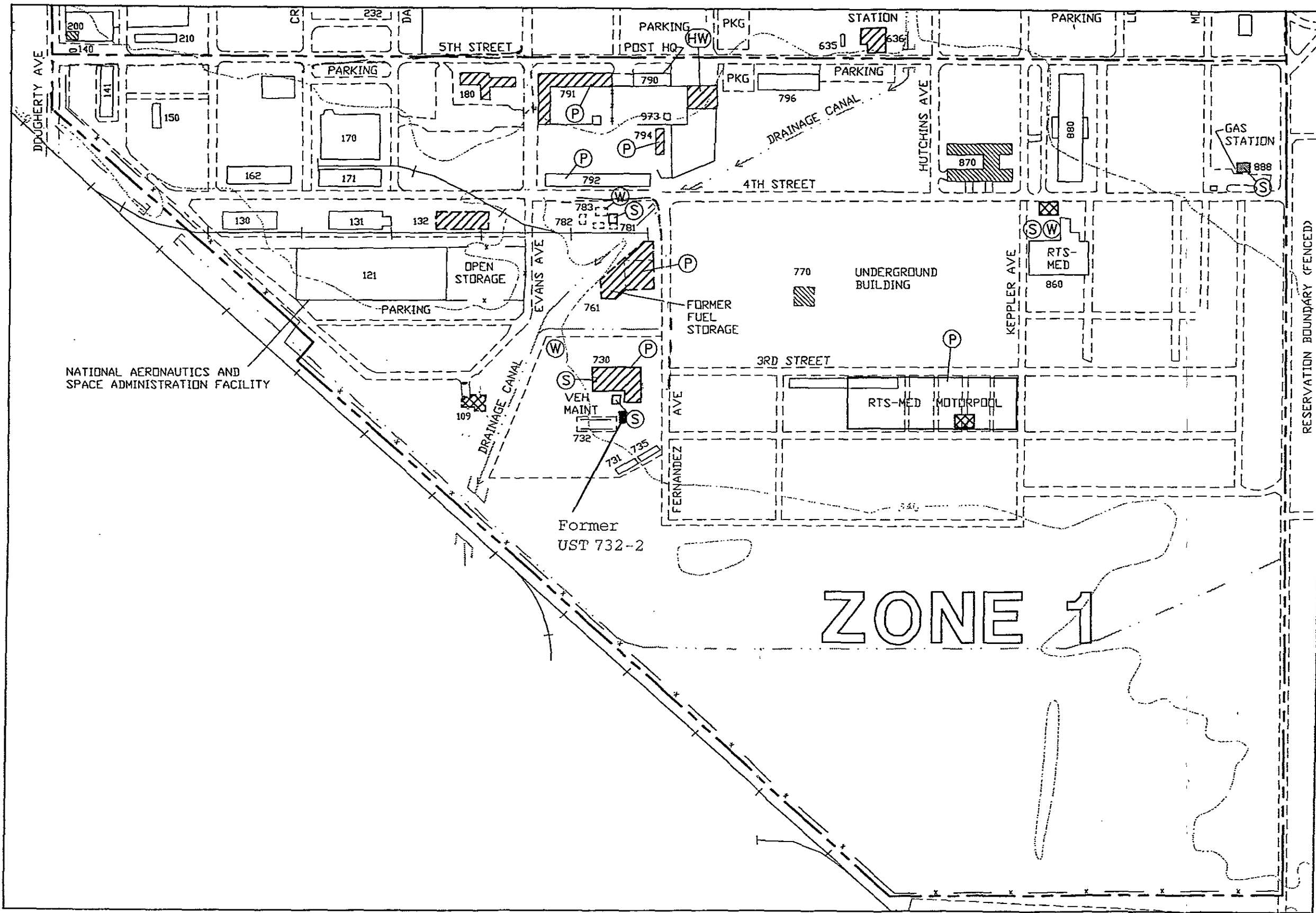


DRAFT



Note: Base Map from Dublin Quadrangle,
7.5 Minute Series (Topographic) 1961, Photorevised 1980

Project No. 7128	Parks Reserve Forces Training Area	SITE LOCATION MAP PARKS RESERVE FORCES TRAINING AREA DUBLIN, CALIFORNIA	Figure 1
Woodward-Clyde			



0 400'
SCALE: 1" = 400'

- LEGEND**
- ⊗ KNOWN RELEASE SITE
 - ▨ POTENTIAL RELEASE SITE
 - KNOWN UST SITE
 - ▩ POTENTIAL UST SITE
 - POTENTIAL LANDFILL AND DISPOSAL SITE
 - Ⓐ KNOWN AST SITE
 - Ⓟ POL USE (KNOWN OR SUSPECTED)
 - Ⓡ SUSPECTED RELEASE SITE
 - Ⓢ SURFACE IMPOUNDMENT
 - Ⓦ WASH RACK
 - Ⓜ HW HAZARDOUS WASTE STORAGE AREA
 - +— RAILROAD SPUR

ZONE 1

PARK-07 041394

Project No. 7128	PARKS RESERVE FORCES TRAINING AREA	ZONE 1 PARKS RESERVE FORCES TRAINING AREA DUBLIN, CALIFORNIA	Figure 2
Woodward-Clyde			



Former Building 732
New concrete pad

CP-2

SOIL	
Total Lead	
1'	12 mg/Kg
5'	12 mg/Kg
10'	11 mg/Kg
14'	11 mg/Kg
TPH-Motor Oil	
1'	21 mg/Kg
GROUNDWATER	
Total Lead	
0.22 mg/L	

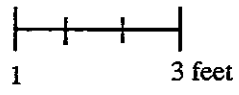
CP-1

SOIL	
Total Lead	
2'	9 mg/Kg
5'	12 mg/Kg
10'	16 mg/Kg
14'	10 mg/Kg
GROUNDWATER	
Total Lead	
0.26 mg/L	

Former UST
732-2
Excavation

CP-3

SOIL	
Total Lead	
2'	11 mg/Kg
5'	11 mg/Kg
10'	15 mg/Kg
15'	11 mg/Kg
TPH-Motor Oil	
2'	27 mg/Kg
GROUNDWATER	
Total Lead	
0.065 mg/L	



Project No. 7128	Parks Reserve Forces Training Area	SOIL BORING LOCATION AND DETECTED RESULTS FORMER UST 732-2 PARKS RFTA, DUBLIN, CALIFORNIA	Figure
Woodward-Clyde			3

ATTACHMENT 1
FIELD NOTES AND BORING LOGS

Project Notes

Woodward-Clyde



Subject: Field Notes

Project Name: Camp Parks - Bldg 732

By: Sevin Bilir Date: 7/15/94

Project No.: 7128

Checked By: _____ Date: _____

Task No.: 2000 File No.: _____

Sheet 1 of 2

Camp Parks RFTA, Bldg 732
Dublin, CA

SSO - Sevin Bilir
Drillers - Rod Furlow
Jim DeVos

Clear, sunny, warm

- 0730 Arrive CP RFTA, Bldg 732. Met Dave Patterson, Begin decon set up, calibration of TSW, OVA
- 0815 KULNAUG arrive (blew fuse on m/s)
Begin fill H₂O tank, decon set up
Health & Safety talk
- 0900 Start drilling CP-3, no recovery, move over c1'
- 1025 TD @ 16'. Set hydro punch at 14'-18'
- 1100 Lunch, wait for CP-3 to produce
- 1130 Sample CP-3 (3VOA, 1Ltr amber, 1500ml)
- 1150 Pullout, move to CP-1
- 1200 Start drilling CP-1
- 1230 Rinseate sample CP-4
- 1245 TD @ 14.5'. Set hydro punch at 14'-18'.
Grout CP-3 while wait for sample to produce
- 1335 Sample CP-1 (3VOA, 1Ltr amber, 1500ml)
- 1400 Pullout, move to CP-2
- 1420 Start drilling CP-2
- 1450 TD @ 14.5'. Set hydro punch @ 14'-18'.
Grout CP-1, begin decon while waits for sample to produce for 2 collections
- 1520 Begin sample CP-2 (6VOA, 1Ltr amber, 1500ml)
- 1610 Pullout, decon, clean up site, move drums to drum storage
- 1745 leave site, meet courier at CP RFTA entrance

Dave Patterson - said OK to leave drums in storage until we call to inform of next step. i.e. dump, move, pick up.
-He stayed until 1730, when we left.

Project Notes

Subject: Field Notes

Project Name: Camp Parks - Bldg 732

By: S Bilw Date: 7/15/94

Project No.: 7128

Checked By: _____ Date: _____

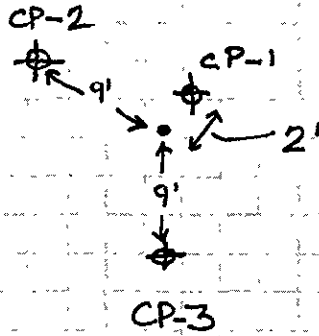
Task No.: 2000 File No.: _____

Sheet 2 of 2

Sketch of site

Bldg 730

Concrete Pad, just laid down
(Former Bldg 732)



- Center of former VST 732
- ⊕ Boring location


BORING LOCATION <u>CP-1 (2' NE of VST 732-2) center</u>		ELEVATION AND DATUM	
DRILLING AGENCY <u>KUILHAUG</u>	DRILLER <u>Red Furlow</u>	DATE STARTED <u>7/15/94</u>	DATE FINISHED
DRILLING EQUIPMENT <u>Mobile Drill B-53</u>		COMPLETION DEPTH <u>14.5</u>	SAMPLER <u>2" ID Mod. CA</u>
DRILLING METHOD <u>Hollow Stem Auger</u>	DRILL BIT <u>6"</u>	NO OF SAMPLES	DIST. <u>4</u>
SIZE AND TYPE OF CASING <u>n/a</u>		WATER ELEV. <u>14.25</u>	FIRST. <u>24 HRS</u>
TYPE OF PERFORATION <u>n/a</u>	FROM TO FT.	LOGGED BY <u>S. BILIR</u>	
SIZE AND TYPE OF PACK <u>n/a</u>	FROM TO FT.	CHECKED BY: <u>M. Castella</u>	
TYPE OF SEAL <u>Portland Neat Grout</u>	FROM <u>0</u> TO <u>14.5</u> FT.		

DEPTH (FEET)	DESCRIPTION	CORRECTIONS			SAMPLES			REMARKS (Drill Rate, Fluid loss, Odor, etc.)
		Lithology	Plastimeter	Water Content	Penetration	Recovery	Penetration	
1	CLAYEY / SILTY GRAVEL light gray (10 YR 7/1), up to 6cm gravel, subrounded to angular, dry, loose becomes dark yellowish brown (10 YR 4/4) with mottled red grays, iron oxide stains	GM/CC	HNU				12 13 10	Started 1200 HNU CAL. 0740 Drill to 1" Poor Recovery CP-1-2 1210 Drill to 4.5'
5	CLAY (5Y 2.5/1) BLACK, low plasticity, dry, medium dense, medium stiff becomes mottled w/ olive gray (5Y 4/2) as above, trace gravel & sand	CL					5 9 14	-5 headspace CP-1-5 1220 Drill to 9.5'
10	becomes soft, olive gray (5Y 4/2)	CL					5 7 12	headspace CP-1-10 1230 Drill to 13'
14	becomes dark gray (5Y 4/1), increase in fine sand + coarse silt, angular to subrounded, slight plasticity, moist, loose becomes NET	CL					5 5 6	headspace CP-1-14 1245

DEPTH (FEET)	DESCRIPTION	HYDRAULIC LOG			SAMPLES			REMARKS (Drill Rate Fluid loss Odor etc.)
		Lithology	Penetrometer Reading AND	WATER Penetration	Piezometer Data	Penetrometer Reading	Penetrometer Blows/ 6 in.	
14	TD @ 14.5'						TD @ 1245 HOU readings of cores unless otherwise noted. Retrievable screen + tip used on hydro-punch	

BORING LOCATION <u>CP-2 (9' NW of center of UST 732)</u>		ELEVATION AND DATUM	
DRILLING AGENCY <u>KUIL HAUG</u>	DRILLER <u>Rod Furlow</u>	DATE STARTED <u>7/15/94</u>	DATE FINISHED
DRILLING EQUIPMENT <u>Mobile Drill B-53</u>		COMPLETION DEPTH <u>14.5</u>	SAMPLER <u>2" ID MOB. CA</u>
DRILLING METHOD <u>Hollow Stem Auger</u>	DRILL BIT <u>6"</u>	NO. OF SAMPLES	DIST. <u>4</u>
SIZE AND TYPE OF CASING <u>N/A</u>		WATER ELEV. <u>14</u>	COMPL. <u>24 HRS</u>
TYPE OF PERFORATION <u>N/A</u>	FROM TO FT.	LOGGED BY <u>S. Bilik</u>	CHECKED BY: <u>M. Costello</u>
SIZE AND TYPE OF PACK <u>N/A</u>	FROM TO FT.		
TYPE OF SEAL <u>Portland Neat GROUT</u>	FROM <u>0</u> TO <u>14.5</u> FT.		

DEPTH (FEET)	DESCRIPTION	GRAPHIC LOG				SAMPLES			REMARKS (Drill Rate, Fluid loss, Odor, etc.)
		Lithology	Penetration Resistance HNLL	Water Content (%)	Pycnometer Data	Sample No.	Recovery (%)	Penetration Resistance (Blows/ 6 in.)	
1	SILTY GRAVEL Light gray (10 YR 7/1), up to 6cm gravels, subrounded to angular loose, dry becomes multicolored gravels, iron oxide staining	GM/ GC						Start 1420 HNLL Calib. 0740 Drill to 1' CP-2-1 1425 Poor Recovery	
5	CLAY Black (5Y 2.5/1), low plasticity, dry, stiff, trace gravel as above, mottled with olive gray (5Y 4/2)	CL						Drill to 45' Headspace CP-2-5 1430	
10	becomes olive gray (5Y 4/2) becomes light olive brown (2.5Y 5/4), medium stiff, with dark gray (5Y 4/1), damp, soft							Drill to 9.5' Headspace CP-2-10 1440 Drill to 13'	
14	becomes medium plasticity, moist, soft becomes wet, very soft increase in very fine sand & silt							Headspace CP-2-14 1450	

DEPTH (FEET)	DESCRIPTION	GRAPHIC LOG			SAMPLES			REMARKS (Drill Rate Fluid loss Odor, etc.)
		Lithology	Pneumometer Installed on <u>HNA</u>		Pneumometer Data	Elective In	Elective Out (Blowby B in)	
14	TO @ 14.5'							TO @ 1450 HNA readings of cores unless otherwise noted. Retrievable screen used in hydro-punch

BORING LOCATION <u>CP-3 (9' S of center VST 732-2)</u>		ELEVATION AND DATUM	
DRILLING AGENCY <u>KVILHAUG</u>	DRILLER <u>Red Forlow</u>	DATE STARTED <u>7/15/94</u>	DATE FINISHED
DRILLING EQUIPMENT <u>Mobile drill B-53</u>	COMPLETION DEPTH <u>16</u>	SAMPLER <u>2" ID Mod. CA</u>	
DRILLING METHOD <u>Hollow Stem Auger</u>	DRILL BIT <u>6"</u>	NO. OF SAMPLES	DIST. <u>4</u>
SIZE AND TYPE OF CASING <u>n/a</u>	WATER ELEV. <u>14.25</u>	FIRST	COMPL. <u>24 HRS</u>
TYPE OF PERFORATION <u>n/a</u>	FROM	TO	FT.
SIZE AND TYPE OF PACK <u>n/a</u>	FROM	TO	FT.
TYPE OF SEAL <u>Portland Neat Groot</u>	FROM <u>0</u>	TO <u>16</u>	FT.
LOGGED BY <u>S. Bilir</u>		CHECKED BY: <u>M. Castellanos</u>	

DEPTH (FEET)	DESCRIPTION	GRAPHIC LOG				SAMPLES				REMARKS (Drill Rate, Fluid loss, Odor etc.)
		Lithology	Penetration (Blow/6 in.)	Water Content	Plasticity	Penetration (Blow/6 in.)	Penetration (Blow/6 in.)	Penetration (Blow/6 in.)	Penetration (Blow/6 in.)	
1	SILTY/CLAYEY GRAVEL Light gray (10YR 7/1), up to 6' cm, loose, dry, angular	GM/ GC								Start 0900 Restart 0908 HNU Calibr. 0740 Drill to 1' Poor recovery
	GRAVELLY CLAY Grayish brown and very dark gray brown, (10YR 5/2 and 10YR 3/2) some sand/gravel, low plasticity, dry, medium stiff	CL	<1					6 4 8		CP-3-2 0910
	CLAY grayish brown and very dark grayish brown (10YR 5/2 and 10YR 3/2) low plasticity, damp, medium dense/stiff	ML/ CL	<1					5 6 13		Headspace
5	becomes black (10YR 2/1), trace gravel, roots							4 8 14		Headspace CP-3-5 0925
	becomes dark gray (5Y 4/1), trace coarse sand		<1					5 10 18		
	as above, mottled with olive brown (2.5Y 4/3), various colors, pockets of sand (medium), stiff, some roots		<1					5 9 17		
	as above		<1					5 8 15		
10	dark gray (5Y 4/1), medium plasticity, soft							5 8 11		CP-3-10 0955 Headspace
	Olive brown (2.5Y 4/3) mottled with dark gray (5Y 4/1), olive brown is medium stiff/low plasticity, dark gray is soft/ medium plasticity	2-5						5 8 10		
	becomes dark grayish brown (2.5Y 4/2), some medium sand, high plasticity, moist, soft							5 5 8		
	becomes wet									

DEPTH (FEET)	DESCRIPTION	GRAPHIC LOG			SAMPLES			REMARKS (Drill Rate Fluid loss Odor, etc.)
		Lithology	Atomizer Pressure HNW	Pressure (psf)	Pressure (psf)	Pressure (psf)	Pressure (psf)	
16	as above, increase in medium sand, very soft	MU/CL					CP-3-15 1020	
	Tb @ 16'						Tb @ 1025 All readings of core unless otherwise noted. Retrievable screen did not retrieve when using hydro-punch.	

ATTACHMENT 2
LABORATORY DATA SHEETS



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

July 29, 1994

Ms. Sevin Bilir
Woodward-Clyde Consultants
500 12th Street, Suite 100
Oakland, CA 94607-4014

SUBJECT: Case Narrative for Project # 7128-0200, Camp Parks Bldg. 732

Dear Ms. Bilir:

The soil and water samples collected for this project on July 15th were received at Coast-to-Coast Analytical Services on the same day. They were assigned laboratory work order number JK-2220 (1 thru 18). The water samples collected for BTEX/Gasoline and Lead were acid-preserved. All the samples (soils and waters) were received cold and intact.

The samples were analyzed for BTEX (EPA 8020), TPH-Gasoline/Diesel (EPA 8015m), and Lead (EPA 7420/7421). The trip blank submitted with this set was analyzed only for BTEX/TPH (Gasoline). All the analyses were performed within the holding time using CADHS approved methods. No problem was encountered.

BTEX/TPH (Gasoline) by EPA 8020/8015M

The soil samples were extracted in methanol on July 19th. Extracts were stored in the refrigerator until they were analyzed on the following day. The water samples were analyzed on the 18th and 19th. All the samples were clean, none showed detectable levels of BTEX and gasoline. The method blanks were clean. The surrogate recoveries, spike recoveries and the RPDs (relative percent difference) for duplicate analyses were all within the acceptance limits. The field duplicates (CP-2, GW) were both clean.

TPH (Diesel) by EPA 8015M

The soil samples were extracted on July 21st by EPA 3550 (sonication method) and the extracts analyzed on July 28th. Two out of twelve soils showed detectable levels of hydrocarbons, the rest were clean. The TPH found in samples CP-3-2 and CP-2-1 were in the heavier, motor oil range and was reported and quantified as such. The method blank was clean. The spike recoveries and the RPDs for duplicate analyses were all within acceptable limits.

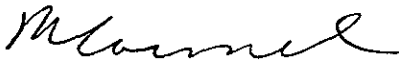
page 1 of 2

The aqueous samples were extracted on July 19th and analyzed on July 28th. For CP-2 and CP-2 duplicate, only 500 mls was available for extraction, reported limits were raised to 100 ug/L. The method blank showed discrete peaks that are not characteristic of diesel or motor oil. These peaks can be attributed to some contamination problem which probably occurred during extraction. The same peaks showed up in most of the samples. The TPH was still reported as ND (not detected) because the pattern did not resemble diesel or motor oil. Re-extraction was not possible due to insufficient sample volume. The spike recoveries and the RPDs for duplicate analyses were all within acceptable limits.

Lead by EPA 7420/7421

The soil samples were digested on July 19th and digests analyzed on July 21st by EPA 7420 (Flame Atomic Absorption). The aqueous samples were digested on July 20th and digests analyzed on July 26th by EPA 7421 (Graphite Furnace Atomic Absorption). The levels found in the soils were way below the TTLC level for this element. The levels detected in the aqueous samples were also way below the STLC level for Lead. The method blanks were clean. The spike recoveries and RPDs were all within acceptable limits. The results for the field duplicates were exactly the same.

Sincerely,



Marissa Coronel
Laboratory Director
Coast-to-Coast Analytical Services
Northern California Division



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-1
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
CP-3-2	Soil	Sevin Bilir		07/15/94 0910	07/15/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Lead, Total	1.	11.	mg/Kg	EPA 7420	07/21/94	KP	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-2
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3-5	Soil	Sevin Bilir	07/15/94 0925	07/15/94
CONSTITUENT	*PQL	RESULT	UNITS METHOD	ANALYZED BY NOTES
Lead, Total	1.	11.	mg/Kg EPA 7420	07/21/94 KP 1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

Air, Water & Hazardous Waste Sampling, Analysis & Consultation • Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-3
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3-10	Soil	Sevin Bilir	07/15/94 0955	07/15/94
CONSTITUENT	*PQL	RESULT	UNITS METHOD	ANALYZED BY NOTES
Lead, Total	1.	15.	mg/Kg EPA 7420	07/21/94 KP 1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-4
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
CP-3-15	Soil	Sevin Bilir	07/15/94 1020	07/15/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Lead, Total	1.	11.	mg/Kg	EPA 7420	07/21/94	KP	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick J. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-5
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
CP-1-2	Soil	Sevin Bilir	07/15/94 1210	07/15/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Lead, Total	1.	9.	mg/Kg	EPA 7420	07/21/94	KP	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-6
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-1-5	Soil	Sevin Bilir	07/15/94 1220	07/15/94
CONSTITUENT	*PQL	RESULT	UNITS METHOD	ANALYZED BY NOTES
Lead, Total	1.	12.	mg/Kg EPA 7420	07/21/94 KP 1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick J. Gaone

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-7
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
CP-1-10	Soil	Sevin Bilir	07/15/94 1230	07/15/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Lead, Total	1.	16.	mg/Kg	EPA 7420	07/21/94	KP	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

Air, Water & Hazardous Waste Sampling, Analysis & Consultation • Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-8
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
CP-1-14	Soil	Sevin Bilir		07/15/94 1245	07/15/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Lead, Total	1.	10.	mg/Kg	EPA 7420	07/21/94	KP	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-9
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2-1	Soil	Sevin Bilir	07/15/94 1425	07/15/94
CONSTITUENT	*PQL	RESULT	UNITS METHOD	ANALYZED BY NOTES
Lead, Total	1.	12.	mg/Kg EPA 7420	07/21/94 KP 1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-10
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2-5	Soil	Sevin Bilir	07/15/94 1430	07/15/94
CONSTITUENT	*PQL	RESULT	UNITS METHOD	ANALYZED BY NOTES
Lead, Total	1.	12.	mg/Kg EPA 7420	07/21/94 KP 1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-11
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
CP-2-10	Soil	Sevin Bilir	07/15/94 1440	07/15/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Lead, Total	1.	11.	mg/Kg	EPA 7420	07/21/94	KP	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-12
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2-14	Soil	Sevin Bilir	07/15/94 1450	07/15/94
CONSTITUENT	*PQL	RESULT	UNITS METHOD	ANALYZED BY NOTES
Lead, Total	1.	11.	mg/Kg EPA 7420	07/21/94 KP 1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
5094071901

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-14
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
CP-3	Groundwater	Sevin Bilir	07/15/94 1130	07/15/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Lead, Total Recoverable	0.005	0.065	mg/L	EPA 7421	07/26/94	SB	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/20/94 by TN using EPA 3005

07/26/94

NG/nfga3(dw)
0594071102

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-15
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
CP-4	Groundwater	Sevin Bilir		07/15/94 1230	07/15/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Lead, Total Recoverable	0.005	0.006	mg/L	EPA 7421	07/26/94	SB	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/20/94 by TN using EPA 3005

07/26/94

NG/nfga3(dw)
0594071102

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-16
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED			
CP-1	Groundwater	Sevin Bilir	07/15/94 1335	07/15/94			
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Lead, Total Recoverable	0.005	0.26	mg/L	EPA 7421	07/26/94	SB	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/20/94 by TN using EPA 3005

07/26/94

NG/nfga3(dw)
0594071102

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-17
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
CP-2	Groundwater	Sevin Bilir		07/15/94 1520	07/15/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Lead, Total Recoverable	0.005	0.22	mg/L	EPA 7421	07/26/94	SB	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/20/94 by TN using EPA 3005

07/26/94

NG/nfga3(dw)
0594071102

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

Air, Water & Hazardous Waste Sampling, Analysis & Consultation • Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-18
Project : 7128-0200, Camp Parks
Bldg. 732

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED	RECEIVED		
CP-2, Duplicate (JK2220-17)	Groundwater	Sevin Bilir		07/15/94 1520	07/15/94		
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY	NOTES
Lead, Total Recoverable	0.005	0.22	mg/L	EPA 7421	07/26/94	SB	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/20/94 by TN using EPA 3005

07/26/94

NG/nfga3(dw)
0594071102

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: 5094071901

CLIENT: Coast-to-Coast Analytical Services, Inc.

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED			
METHOD BLANK	Solid					
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY NOTE
Lead, Total	1.	ND	mg/Kg	EPA 7420	07/21/94	KP 1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
JK2220-12

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick J. Gaone

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: 5094071901

CLIENT: Coast-to-Coast Analytical Services, Inc.

QC MATRIX SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED						
MATRIX SPIKE	Solid								
CONSTITUENT	ORIGINAL	SPIKE	RESULT	%REC	UNITS	METHOD	ANALYZED	BY	NOTE
Lead, Total	11.	25.	33.	88.	mg/Kg	EPA 7420	07/21/94	KP	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
JK2220-12

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: 5094071901

CLIENT: Coast-to-Coast Analytical Services, Inc.

QC MATRIX SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED						
MATRIX SPIKE DUPLICATE	Solid								
CONSTITUENT	ORIGINAL	SPIKE	RESULT	%DIFF	UNITS	METHOD	ANALYZED	BY	NOTE
Lead, Total	11.	25.	33.	0.	mg/Kg	EPA 7420	07/21/94	KP	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
JK2220-12

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick F. Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: 5094071901

CLIENT: Coast-to-Coast Analytical Services, Inc.

QC SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED						
QC SPIKE	Solid								
CONSTITUENT	*PQL	SPIKE	RESULT	%REC	UNITS	METHOD	ANALYZED	BY	NOTE
Lead, Total	1.	25.	24.	96.	mg/Kg	EPA 7420	07/21/94	KP	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by TN using EPA 3050

07/26/94

NG/nfga3(dw)
JK2220-12

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: 0594071102

CLIENT: Coast-to-Coast Analytical Services, Inc.

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED			
METHOD BLANK	Aqueous					
CONSTITUENT	*PQL	RESULT	UNITS	METHOD	ANALYZED	BY NOTE
Lead, Total Recoverable	0.005	ND	mg/L	EPA 7421	07/26/94	SB 1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/20/94 by TN using EPA 3005

07/26/94

NG/nfga3(dw)
JK2220-18

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: 0594071102

CLIENT: Coast-to-Coast Analytical Services, Inc.

QC SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED						
QC SPIKE	Aqueous								
CONSTITUENT	*PQL	SPIKE	RESULT	%REC	UNITS	METHOD	ANALYZED	BY	NOTE
Lead, Total Recoverable	0.005	0.050	0.056	112.	mg/L	EPA 7421	07/26/94	SB	1

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/20/94 by TN using EPA 3005

07/26/94

NG/nfga3(dw)
JK2220-18

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Nick Gaone
Nick Gaone
Inorganics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-1
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3-2	Soil	Sevin Bilir	07/15/94 0910	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			98.	

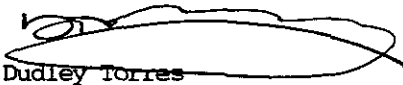
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\720B314
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-2
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3-5	Soil	Sevin Bilir	07/15/94 0925	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			96.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\720B313
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

Air, Water & Hazardous Waste Sampling, Analysis & Consultation • Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-3
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3-10	Soil	Sevin Bilir	07/15/94 0955	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			88.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\719B319
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-4
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3-15	Soil	Sevin Bilir	07/15/94 1020	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			95.	

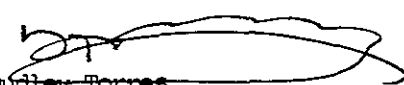
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\720B312
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-5
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-1-2	Soil	Sevin Bilir	07/15/94 1210	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			94.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\719B630
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-6
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-1-5	Soil	Sevin Bilir	07/15/94 1220	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			87.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\719B320
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-7
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-1-10	Soil	Sevin Bilir	07/15/94 1230	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			88.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\719B321
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-8
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-1-14	Soil	Sevin Bilir	07/15/94 1245	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			88.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\720B317
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-9
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2-1	Soil	Sevin Bilir	07/15/94 1425	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			94.	

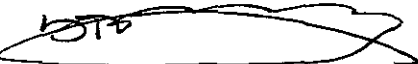
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\720B318
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-10
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2-5	Soil	Sevin Bilir	07/15/94 1430	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			93.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\720B319
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-11
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2-10	Soil	Sevin Bilir	07/15/94 1440	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			91.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\720B320
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-12
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2-14	Soil	Sevin Bilir	07/15/94 1450	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			90.	

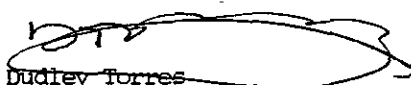
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\720B321
DT/eta3(dw)/jst
S-A-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-13
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/19/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
Trip Blank #TB940517-01LDL	Aqueous	Sevin Bilir	07/15/94	07/15/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
BTEX + TPH (Gasoline)				1
Benzene		0.5	ND	
Toluene		0.5	ND	
Ethylbenzene		0.5	ND	
Xylenes		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Percent Surrogate Recovery			95.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\718B623
DT/eta3(dw)/jst
W-GAS-071894

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-14
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/19/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3	Groundwater	Sevin Bilir	07/15/94 1130	07/15/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
BTEX + TPH (Gasoline)				1
Benzene		0.5	ND	
Toluene		0.5	ND	
Ethylbenzene		0.5	ND	
Xylenes		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Percent Surrogate Recovery			88.	

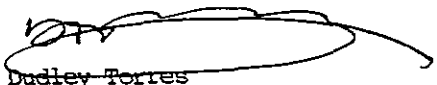
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\719A618
DT/eta3(dw)/jst
W-GAS-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-15
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/18/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-4	Groundwater	Sevin Bilir	07/15/94 1230	07/15/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
BTEX + TPH (Gasoline)				1
Benzene		0.5	ND	
Toluene		0.5	ND	
Ethylbenzene		0.5	ND	
Xylenes		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Percent Surrogate Recovery			93.	

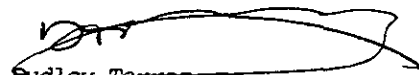
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\718B611
DT/eta3(dw)/jst
W-GAS-071894

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-16
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/19/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1


SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-1	Groundwater	Sevin Bilir	07/15/94 1335	07/15/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
BTEX + TPH (Gasoline)				1
Benzene		0.5	ND	
Toluene		0.5	ND	
Ethylbenzene		0.5	ND	
Xylenes		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Percent Surrogate Recovery			88.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\719A619
DT/eta3(dw)/jst
W-GAS-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-17
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/19/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2	Groundwater	Sevin Bilir	07/15/94 1520	07/15/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
BTEX + TPH (Gasoline)				1
Benzene		0.5	ND	
Toluene		0.5	ND	
Ethylbenzene		0.5	ND	
Xylenes		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Percent Surrogate Recovery			96.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\719A620
DT/eta3(dw)/jst
W-GAS-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-18
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/19/94
Analyzed by: LD
Method : EPA 8020/8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

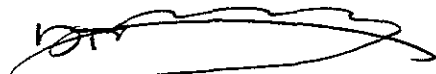
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2, Duplicate (JK2220-17)	Groundwater	Sevin Bilir	07/15/94 1520	07/15/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
BTEX + TPH (Gasoline)				1
Benzene		0.5	ND	
Toluene		0.5	ND	
Ethylbenzene		0.5	ND	
Xylenes		0.5	ND	
Total Petroleum Hydrocarbons (Gasoline)		50.	ND	
Percent Surrogate Recovery			91.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\719A621
DT/eta3(dw)/jst
W-GAS-071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

Air, Water & Hazardous Waste Sampling, Analysis & Consultation • Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: S-A-071994

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED	
METHOD BLANK	Solid			
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
BTEX + TPH (Gasoline)				1,2
Benzene		0.005	ND	
Toluene		0.005	ND	
Ethylbenzene		0.005	ND	
Xylenes		0.005	ND	
Total Petroleum Hydrocarbons (Gasoline)		1.	ND	
Percent Surrogate Recovery			93.	

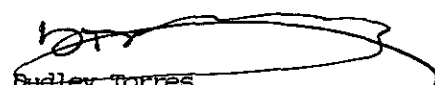
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\719B313
DT/eta3(dw)/jst
JK2220-3

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: S-A-071994

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

QC MATRIX SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
MATRIX SPIKE	Solid				
CONSTITUENT	ORIGINAL RESULT	SPIKE AMOUNT	RESULT mg/Kg	%REC	NOTE
BTEX + TPH (Gasoline)					1,2
Benzene	ND	0.10	0.10	100.	
Toluene	ND	0.10	0.096	96.	
Ethylbenzene	ND	0.10	0.094	94.	
Xylenes	ND	0.30	0.28	93.	
Total Petroleum Hydrocarbons (Gasoline)	ND	2.5	2.6	104.	

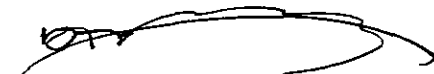
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\720B308
DT/eta3(dw)/jst
JK2220-3

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: S-A-071994

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

QC MATRIX SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED			
MATRIX SPIKE DUPLICATE	Solid					
CONSTITUENT	ORIGINAL RESULT	SPIKE AMOUNT	RESULT mg/Kg	%REC	%DIFF	NOTE
BTEX + TPH (Gasoline)						1,2
Benzene	ND	0.10	0.12	120.	18.	
Toluene	ND	0.10	0.11	110.	14.	
Ethylbenzene	ND	0.10	0.10	100.	6.2	
Xylenes	ND	0.30	0.32	107.	13.	
Total Petroleum Hydrocarbons (Gasoline)	ND	2.5	2.6	104.	0.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\720B309
DT/eta3(dw)/jst
JK2220-3

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: S-A-071994

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED	
QC SPIKE	Solid				
CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	NOTE
BTEX + TPH (Gasoline)					1,2
Benzene	0.005	0.10	0.11	110.	
Toluene	0.005	0.10	0.10	100.	
Ethylbenzene	0.005	0.10	0.10	100.	
Xylenes	0.005	0.30	0.31	103.	
Total Petroleum Hydrocarbons (Gasoline)	1.	2.5	2.6	104.	

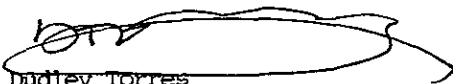
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\719B314
DT/eta3(dw)/jst
JK2220-3

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: S-A-071994

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/20/94
Analyzed by: LD
Method : EPA 8020/8015M

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED		
QC SPIKE DUPLICATE	Solid					
CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	%DIFF	NOTE
BTEX + TPH (Gasoline)						1,2
Benzene	0.005	0.10	0.12	120.	8.7	
Toluene	0.005	0.10	0.11	110.	9.5	
Ethylbenzene	0.005	0.10	0.11	110.	9.5	
Xylenes	0.005	0.30	0.32	107.	3.2	
Total Petroleum Hydrocarbons (Gasoline)	1.	2.5	2.3	92.	12.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

- (1) Sample Preparation on 07/19/94 by LB
- (2) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#2\719B315
DT/eta3(dw)/jst
JK2220-3

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: W-GAS-071894

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/18/94
Analyzed by: LD
Method : EPA 8020/8015M

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Aqueous				
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE	
BTEX + TPH (Gasoline)				1	
Benzene		0.5	ND		
Toluene		0.5	ND		
Ethylbenzene		0.5	ND		
Xylenes		0.5	ND		
Total Petroleum Hydrocarbons (Gasoline)		50.	ND		
Percent Surrogate Recovery			90.		


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\718B605
DT/eta3(dw)/jst
JK2220-15

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: W-GAS-071894

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/18/94
Analyzed by: LD
Method : EPA 8020/8015M

QC MATRIX SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
MATRIX SPIKE	Aqueous				
CONSTITUENT	ORIGINAL RESULT	SPIKE AMOUNT	RESULT $\mu\text{g/L}$	%REC	NOTE
BTEX + TPH (Gasoline)					1
Benzene	ND	10.	11.	110.	
Toluene	ND	10.	11.	110.	
Ethylbenzene	ND	10.	10.	100.	
Xylenes	ND	30.	30.	100.	
Total Petroleum Hydrocarbons (Gasoline)	ND	250.	259.	104.	

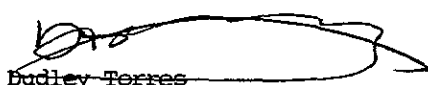
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\718B619
DT/eta3(dw)/jst
JK2220-15

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: W-GAS-071894

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/18/94
Analyzed by: LD
Method : EPA 8020/8015M

QC MATRIX SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED		
MATRIX SPIKE DUPLICATE	Aqueous					
CONSTITUENT	ORIGINAL RESULT	SPIKE AMOUNT	RESULT	%REC	%DIFF	NOTE
BTEX + TPH (Gasoline)						1
Benzene	ND	10.	10.	100.	9.5	
Toluene	ND	10.	10.	100.	9.5	
Ethylbenzene	ND	10.	9.4	94.	6.2	
Xylenes	ND	30.	29.	97.	3.4	
Total Petroleum Hydrocarbons (Gasoline)	ND	250.	245.	98.	5.6	

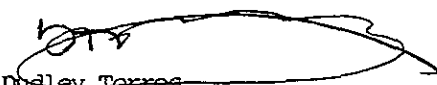
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\718B620
DT/eta3(dw)/jst
JK2220-15

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: W-GAS-071894

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/18/94
Analyzed by: LD
Method : EPA 8020/8015M

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

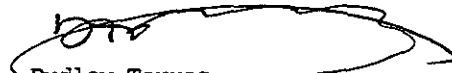
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED			
QC SPIKE	Aqueous					
CONSTITUENT		*PQL µg/L	SPIKE AMOUNT	RESULT µg/L	%REC	NOTE
BTEX + TPH (Gasoline)						1
Benzene		0.5	10.	11.	110.	
Toluene		0.5	10.	11.	110.	
Ethylbenzene		0.5	10.	11.	110.	
Xylenes		0.5	30.	32.	107.	
Total Petroleum Hydrocarbons (Gasoline)		50.	250.	234.	94.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\718B606
DT/eta3(dw)/jst
JK2220-15

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: W-GAS-071894

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/18/94
Analyzed by: LD
Method : EPA 8020/8015M

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED			
QC SPIKE DUPLICATE	Aqueous					
CONSTITUENT	*PQL µg/L	SPIKE AMOUNT	RESULT µg/L	%REC	%DIFF	NOTE
BTEX + TPH (Gasoline)						1
Benzene	0.5	10.	11.	110.	0.	
Toluene	0.5	10.	11.	110.	0.	
Ethylbenzene	0.5	10.	11.	110.	0.	
Xylenes	0.5	30.	34.	113.	6.1	
Total Petroleum Hydrocarbons (Gasoline)	50.	250.	252.	101.	7.4	

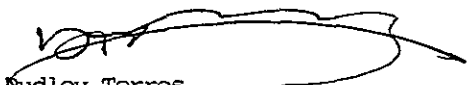
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) EXTRACTED by EPA 5030 (purge-and-trap)

07/25/94
GC#4\718B610
DT/eta3(dw)/jst
JK2220-15

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Sudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-1
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3-2	Soil	Sevin Bilir	07/15/94 0910	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	
Total Petroleum Hydrocarbons (Motor Oil)		2.	27.	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C043
DT/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-2
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/27/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3-5	Soil	Sevin Bilir	07/15/94 0925	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C023
DT/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-3
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/27/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3-10	Soil	Sevin Bilir	07/15/94 0955	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	

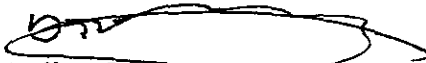
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C024
DT/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-4
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/27/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3-15	Soil	Sevin Bilir	07/15/94 1020	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	

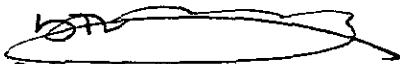
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C025
DT/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-5
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/27/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-1-2	Soil	Sevin Bilir	07/15/94 1210	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	

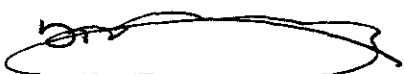
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C013
DI/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-6
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/27/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-1-5	Soil	Sevin Bilir	07/15/94 1220	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C014
DT/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-7
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/27/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-1-10	Soil	Sevin Bilir	07/15/94 1230	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	

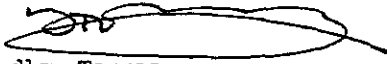
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-7270026
DT/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-8
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-1-14	Soil	Sevin Bilir	07/15/94 1245	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	

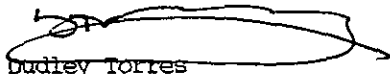
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C027
DT/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-9
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2-1	Soil	Sevin Bilir	07/15/94 1425	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	
Total Petroleum Hydrocarbons (Motor Oil)		2.	21.	

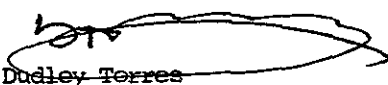
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C041
DT/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-10
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2-5	Soil	Sevin Bilir	07/15/94 1430	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	

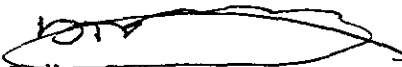
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C028
DT/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-11
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2-10	Soil	Sevin Bilir	07/15/94 1440	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C029
DT/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-12
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2-14	Soil	Sevin Bilir	07/15/94 1450	07/15/94
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND	

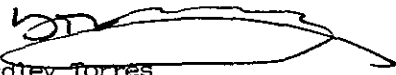
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C030
DT/eta3(dw)/ttn
DSL072194

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

Air, Water & Hazardous Waste Sampling, Analysis & Consultation • Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-17
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2	Groundwater	Sevin Bilir	07/15/94 1520	07/15/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		100.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by LN using EPA 3510

07/29/94
ECD2-727C035
DT/eta3(dw)/jst/ttn
DSL071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-18
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-2, Duplicate (JK2220-17)	Groundwater	Sevin Bilir	07/15/94 1520	07/15/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		100.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by LN using EPA 3510

07/29/94
ECD2-727C036
DT/eta3(dw)/jst/ttn
DSL071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Budley Torres
Budley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: DSL071994

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Aqueous				
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE	
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1	
Total Extractable Petroleum Hydrocarbon (Diesel)		50.	ND		

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by LN using EPA 3510

07/29/94
ECD2-727C037
DT/eta3(dw)/jst/ttn
JK2220-14

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-14
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-3	Groundwater	Sevin Bilir	07/15/94 1130	07/15/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		50.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by LN using EPA 3510

07/28/94
ECD2-727C031
DT/eta3(dw)/ttn
DSL071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.

Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-15
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-4	Groundwater	Sevin Bilir	07/15/94 1230	07/15/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		50.	ND	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by LN using EPA 3510

07/28/94
ECD2-727C032
DT/eta3(dw)/ttn
DSL071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

Air, Water & Hazardous Waste Sampling, Analysis & Consultation • Certified Hazardous Waste, Chemistry, Bacteriology & Bioassay Laboratories



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Sevin Bilir
Woodward-Clyde Consultants
500 12th St. Ste. 100
Oakland, CA 94607-4014

Lab Number : JK-2220-16
Project : 7128-0200, Camp Parks
Bldg. 732
Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED	RECEIVED
CP-1	Groundwater	Sevin Bilir	07/15/94 1335	07/15/94
CONSTITUENT	(CAS RN)	*PQL µg/L	RESULT µg/L	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1
Total Extractable Petroleum Hydrocarbon (Diesel)		50.	ND	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by LN using EPA 3510

07/28/94
ECD2-727C034
DT/eta3(dw)/ttn
DSL071994

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

CLIENT: Coast-to-Coast Analytical Services, Inc.

QC Batch ID: DSL071994

Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED			
QC SPIKE	Aqueous					
CONSTITUENT		*PQL µg/L	SPIKE AMOUNT	RESULT µg/L	%REC	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON						1
Total Extractable Petroleum Hydrocarbon (Diesel)		50.	1089.	792.	73.	

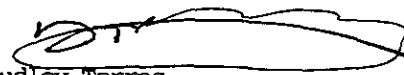
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by LN using EPA 3510

07/28/94
ECD2-727C038
DT/eta3(dw)/ttn
JK2220-14

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: DSL071994

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/28/94
Analyzed by: TN
Method : EPA 8015M

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED		
QC SPIKE DUPLICATE	Aqueous					
CONSTITUENT	*PQL µg/L	SPIKE AMOUNT	RESULT µg/L	%REC	%DIFF	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON						1
Total Extractable Petroleum Hydrocarbon (Diesel)	50.	1089.	844.	78.	6.4	


San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/19/94 by LN using EPA 3510

07/28/94
ECD2-727C039
DT/eta3(dw)/ttn
JK2220-14

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: DSL072194

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/27/94
Analyzed by: TN
Method : EPA 8015M

METHOD BLANK
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
METHOD BLANK	Solid				
CONSTITUENT	(CAS RN)	*PQL mg/Kg	RESULT mg/Kg	NOTE	
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON				1	
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	ND		

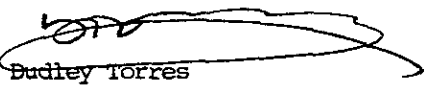
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C016
DT/eta3(dw)/ttn
JK2220-4

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: DSL072194

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/27/94
Analyzed by: TN
Method : EPA 8015M

QC MATRIX SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
MATRIX SPIKE	Solid				
CONSTITUENT		ORIGINAL RESULT	SPIKE AMOUNT	RESULT mg/Kg	%REC NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON					1
Total Extractable Petroleum Hydrocarbon (Diesel)		ND	22.	14.	64.

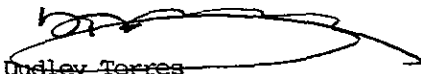
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C019
DT/eta3(dw)/ttn
JK2220-4

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: DSL072194

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/27/94
Analyzed by: TN
Method : EPA 8015M

QC MATRIX SPIKE
REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED			
MATRIX SPIKE DUPLICATE	Solid					
CONSTITUENT	ORIGINAL RESULT	SPIKE AMOUNT	RESULT mg/Kg	%REC	%DIFF	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON						1
Total Extractable Petroleum Hydrocarbon (Diesel)	ND	22.	14.	64.	0.	

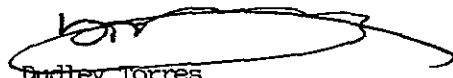
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C020
DT/eta3(dw)/ttn
JK2220-4

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: DSL072194

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/27/94
Analyzed by: TN
Method : EPA 8015M

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED		
QC SPIKE	Solid				
CONSTITUENT		*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON					1
Total Extractable Petroleum Hydrocarbon (Diesel)		1.	22.	14.	64.

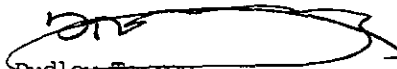
San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)

(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C017
DT/eta3(dw)/ttn
JK2220-4

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS

NorCal Division (San Jose Laboratory)
2059 Junction Ave.

San Jose, CA 95131
(408) 955-9077

QC Batch ID: DSL072194

CLIENT: Coast-to-Coast Analytical Services, Inc.

Analyzed : 07/27/94
Analyzed by: TN
Method : EPA 8015M

QC SPIKE REPORT OF ANALYTICAL RESULTS

Page 1 of 1

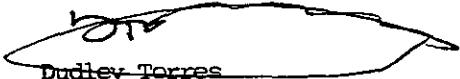
SAMPLE DESCRIPTION	MATRIX	SAMPLED BY		SAMPLED DATE RECEIVED		
QC SPIKE DUPLICATE	Solid					
CONSTITUENT	*PQL mg/Kg	SPIKE AMOUNT	RESULT mg/Kg	%REC	%DIFF	NOTE
TOTAL EXTRACTABLE PETROLEUM HYDROCARBON						1
Total Extractable Petroleum Hydrocarbon (Diesel)	1.	22.	14.	64.	0.	

San Jose Lab Certifications: CAELAP #1204

*RESULTS listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit)
(1) Sample Preparation on 07/21/94 by AC using EPA 3550

07/28/94
ECD2-727C018
DT/eta3(dw)/ttn
JK2220-4

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.


Dudley Torres
Organics Manager

Reports shall not be reproduced except in full without the written consent of Coast-to-Coast Analytical Services Inc.

ATTACHMENT 3
TANK DISPOSAL MANIFEST

Department of Transportation
40 CFR 172.101 (Table 1.1) (12)
Form 3520-102 (Rev. 01-80) (12)

See Instructions on back page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No CA 10 12 11 15 19 10 14 10 15 10 10 10 16	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
--	-----------------------	-----------	---

3. Generator's Name and Mailing Address
HEADQUARTERS 124TH ARCOM / ENGINEERS
4575 - 36th Avenue West, Seattle, WA. 98199-3000

4. Generator's Phone (206) 281-3142 Attn: Mr. Carlisle Williams

5. Transporter's Company Name
H & H Ship Service Company
 2. US EPA ID Number
 CA 10 12 11 15 19 10 14 10 15 10 10 10 16

7. Designated Point of Contact and Site Address
H & H Ship Service Company
220 Terry A. Francois Street
San Francisco, CA. 94107
 10. US EPA ID Number
 CA 10 12 11 15 19 10 14 10 15 10 10 10 16

A. State Manifest Document Number
92215364

3. State Generator's ID
 CA 10 12 11 15 19 10 14 10 15 10 10 10 16

C. State Transporter's ID
402000

D. Transporter's Phone
(415) 543-4835

E. State Transporter's ID
 CA 10 12 11 15 19 10 14 10 15 10 10 10 16

F. Transporter's Phone
(415) 543-4835

G. State Facility's ID
 CA 10 12 11 15 19 10 14 10 15 10 10 10 16

H. Facility's Name
(415) 543-4835

11. UN DOT Entry, see 49 CFR 173.101 Shipping Name, Hazard Class, and ID Number	12. Packaging		13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
	Box	Drum			
RESIDUE DIESEL TANK NON-RCRA HAZARDOUS WASTE SOLID	0	1	T P 0 1 0 0 0	P	EPA/Other 512
RESIDUE ASSOCIATED PIPING NON-RCRA HAZARDOUS WASTE SOLID	0	1	B A D 0 8 0 0	P	EPA/Other 512

16. Additional Remarks: In Remarks, list all tanks, drums, or other containers that are empty, but which contain residue from the material being transported. Example: Empty 55 gallon steel tank containing diesel tank residue. See instructions for transport. **PROFILES 212507**

17. Handling Codes for Waste Disposal

18. Special Handling Instructions and Additional Information:
JOB #12136
24 Hr. Emergency Contact: H & H @ (415) 543-4835
APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR

JOB SITE: U.S. ARMY RESERVE CENTER
Building 730, PARKS RFTA
Dublin, California

19. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the containers are fully and accurately described above by proper shipping name and are classified, packed, labeled, and marked, and are in all respects in proper condition for transport by air, by adhering to applicable Federal, State and International laws.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practical method of treatment, storage, or disposal, or recycling, available to me which minimizes the present and future threat to human health and the environment. OR, if I use a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

20. Signature of Generator, Certification of 19, and 17. Hazardous materials covered by this manifest must be noted in Item 19. Printed Name: RONALD WEIANG	Signature: <i>Ronald Weiang</i>	Month: 0 2 2 3 9 1
21. Signature of Transporter, Acknowledgment of Receipt of Material. Printed Name: NORMAN T. BERG	Signature: <i>Norman T. Berg</i>	Month: 0 2 2 3 9 1
22. Signature of Transporter, Acknowledgment of Receipt of Material. Printed Name:	Signature:	Month:

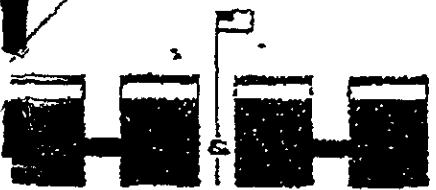
19. Discrepancy Indication Space

23. Signature of Operator, Certification of 19, and 17. Hazardous materials covered by this manifest must be noted in Item 19.
Printed Name: *Charles Wiley*

Signature: *Charles Wiley*

Month: 0 | 2 | 2 | 3 | 9 | 1 |

DO NOT WRITE BELOW THIS LINE.



ENVIRONMENTAL SERVICES
DIVISION OF H&H SHIP SERVICE CO., INC.

CERTIFICATE OF DISPOSAL

FEBRUARY 26, 1993


H & H Ship Service Company hereby certifies to PUBLIC WORKS CENTER that:

- 1. The storage tank(s), size(s) ONE (1) 1,000 GALS.
removed from the U.S. ARMY RESERVE CENTER (PARKS RFTA)
facility at BUILDING 730
DUBLIN, CALIFORNIA

were transported to H & H Ship Service Company, 220 China Basin St., San Francisco, California 94107.

- 2. The following tank(s), H & H Job Number 12188
have been steam cleaned, cut with approximately 2' X 2' holes, rendered harmless and disposed of as scrap metal.
- 3. Disposal site: SCHNITZER STEEL, OAKLAND, CALIFORNIA.
- 4. The foregoing method of destruction/disposal is suitable for the materials involved, and fully complies with all applicable regulatory and permit requirements.
- 5. Should you require further information, please call (415) 543-4835 or (415) 905-5510.

Very Truly Yours,


Cleveland Valley
Operations Coordinator

220 CHINA BASIN, SAN FRANCISCO, CA 94107 . DAY AND NIGHT: (415) 543-4835 FAX (415) 543-8265

ATTACHMENT 4
CAMP PARKS STATEMENT

29 SEP 94

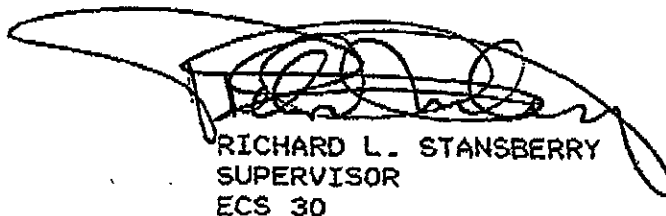
MEMORANDUM FOR MIKE SARTOR, WOODWARD CLYDE

SUBJECT PLO STORAGE TANK

1. REFERENCE OUR CONVERSATION DATED 27 SEP 94, I PROVIDE THE FOLLOWING STATEMENT:

TO THE BEST OF MY KNOWLEDGE, NO HAZARDOUS WASTE WAS DEPOSITED IN THE 1000 GALLON TANK PREVIOUSLY BURIED WITHIN THE COMPOUND OF BLDGS 730, 731 AND 732. IN TALKING TO EMPLOYEES WHO HAVE BEEN AT THIS LOCATION SINCE 1978, ALL WASTE OILS AND SOLVENTS WERE DISPOSED OF IN ACCORDANCE WITH REGULATIONS EXISTING AT THAT TIME. NO HAZARDOUS WASTE WAS DUMPED INTO THE UNDERGROUND TANK.

2. QUESTIONS REGARDING THIS MATTER MAY BE DIRECTED TO THE UNDERSIGNED (510)829-2714.



RICHARD L. STANSBERRY
SUPERVISOR
ECS 30