

0619

State of California—Environmental Protection Agency  
Form Approved OMB No. 2050-0039 (Expires 9-30-99)  
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control  
Sacramento, California

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CA1C10011085240653512</b>		Manifest Document No. <b>653512</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address <b>Estate of Jack Holland, Sr. 1498 Hamrick Lane Hayward, CA 94544 Attn: Ann Marie Holland Tiers</b>				A. State Manifest Document Number <b>97365352</b>		B. State Generator ID			
4. Generator's Phone ( )				C. State Transferor ID		D. Transporter's Phone <b>415-746-6190</b>			
5. Transporter 1 Company Name <b>Advanced Cleanup Technologies</b>				6. US EPA ID Number <b>CA1R00000211048</b>		E. State Transporter ID			
7. Transporter 2 Company Name				8. US EPA ID Number		F. Transporter's Phone			
9. Designated Facility Name and Site Address <b>U.S. Ecology of Nevada Hwy 95, 10 miles south of Beatty Beatty, NV 89003</b>				10. US EPA ID Number <b>NVT33001100100</b>		G. State Facility ID <b>800-239-3943</b>		H. Facility's Phone	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity	
a. <b>Non RCRA Hazardous Waste, Solid</b>						No. <b>001</b> Type <b>CM</b>		Unit <b>P</b>	
b.								Waste Number <b>352</b>	
c.								EPA/Other <b>None</b>	
d.								State	
14. Additional Descriptions for Materials Listed Above <b>11A Profile 07-02-0552 soil, grease, debris</b>						K. Handling Codes for Waste Listed Above <b>03</b>		L. EPA/Other	
15. Special Handling Instructions and Additional Information <b>Wear appropriate protective equipment. 24 hr Emergency Contact: ACT1 (800) 324-2284 ACT1 Job# 51400</b>									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  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 practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am 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.									
Printed/Typed Name <b>Ann Marie Holland Tiers</b>				Signature <i>Ann Marie Holland Tiers</i>		Month <b>04</b> Day <b>02</b> Year <b>99</b>			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>Rickie D. Sprague</b>				Signature <i>Rickie D. Sprague</i>		Month <b>01</b> Day <b>24</b> Year <b>99</b>			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month		Day	
19. Discrepancy Indication Space									
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name <b>TONY DOCIMO</b>									
Signature <i>Tony Docimo</i>				Month <b>04</b> Day <b>06</b> Year <b>99</b>					

DO NOT WRITE BELOW THIS LINE.



### TPH Gasoline in Soil Composite

Lab #	Sample ID	Analysis	Result (mg/kg)	RDL (mg/kg)
2354	Bin A&B Composite	TPH/Gasoline	230	10

Date Sampled: 09/09/98	Date Analyzed: 09/23/98	QC Batch #: 547
Date Received: 09/09/98	Method: EPA 5030/8015M/8020	
Holding Time Met: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

### TPH Diesel in Soil Composite

Lab #	Sample ID	Analysis	Result (mg/kg)	RDL (mg/kg)
2354	Bin A&B Composite	Diesel	10,000 ①	100

① The chromatogram indicates significant amounts of hydrocarbons are present. These hydrocarbons have a higher boiling point than diesel and fall in the motor oil and grease range.

Date Sampled: 09/09/98	Date Extracted: 09/23/98	QC Batch #: 545
Date Received: 09/09/98	Date Analyzed: 09/23/98	Method: EPA 3550/8015M
Holding Time Met: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

### Total Recoverable Petroleum Hydrocarbons in Soil Composite

Lab #	Sample ID	Analysis	Result (mg/kg)	RDL (mg/kg)
2354	Bin A&B Composite	TRPH	460,000	20,000

Date Sampled: 09/09/98	Date Extracted: 09/23/98	QC Batch #: 548
Date Received: 09/09/98	Date Analyzed: 09/23/98	Method: SM5520F/Silica
Holding Time Met: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		



### Metals in Soil Composite

<u>Lab #</u>	<u>Sample ID</u>	<u>Analysis</u>	<u>Result (mg/kg)</u>	<u>RDL (mg/kg)</u>
2354	Bin A&B Composite	Cadmium (Cd)	9.0	1.0
		Chromium (Cr)	67	1.5
		Lead (Pb)	330	4.0
		Nickel (Ni)	26	2.0
		Zinc (Zn)	800	1.0

Date Sampled: <u>09/09/98</u>	Date Digested: <u>09/10/98</u>	QC Batch #: <u>532</u>
Date Received: <u>09/09/98</u>	Date Analyzed: <u>09/11/98, 09/15/98</u>	
Method: <u>EPA 3050/7000 series</u>		



## Volatile Hydrocarbons by GC/MS in Soil Composite

Lab #	Sample ID	Compound Name	Result (ug/kg)	RDL (ug/kg)
2354	Bin A&B Composite	dichlorodifluoromethane	ND	500
		chloromethane	ND	500
		vinyl chloride	ND	500
		chloroethane	ND	500
		bromomethane	ND	500
		trichlorofluoromethane	ND	500
		1,1-dichloroethene	ND	500
		methylene chloride	ND	500
		trans-1,2-dichloroethene	ND	500
		1,1-dichloroethane	ND	500
		cis-1,2-dichloropropane	ND	500
		cis-1,2-dichloroethene	ND	500
		2,2-dichloropropane	ND	500
		chloroform	ND	500
		bromochloromethane	ND	500
		1,1,1-trichloroethane	ND	500
		1,2-dichloroethane	ND	500
		1,1-dichloropropene	ND	500
		carbon tetrachloride	ND	500
		benzene	ND	500
		trichloroethene	ND	500
		1,2-dichloropropane	ND	500
		dibromomethane	ND	500
		bromodichloromethane	ND	500
		cis-1,3-dichloropropene	ND	500
		toluene	3,500	500
		1,1,2-trichloroethane	ND	500
		1,3-dichloropropane	ND	500
		dibromochloromethane	ND	500
		tetrachloroethene	5,000	500
		1,2-dibromoethane	ND	500
		chlorobenzene	ND	500
		1,1,1,2-tetrachloroethane	ND	500
		ethyl benzene	11,000	500
		m,p-xylene	14,000	500
		styrene	ND	500
		o-xylene	12,000	500
		bromoform	ND	500



Lab #	Sample ID	Compound Name	Result (ug/kg)	RDL (ug/kg)
2354	Bin A&B Composite	1,1,2,2-tetrachloroethane	ND	500
		isopropyl benzene	520	500
		1,2,3-trichloropropane	ND	500
		bromobenzene	ND	500
		n-propyl benzene	950	500
		2-chlorotoluene	ND	500
		4-chlorotoluene	ND	500
		1,3,5-trimethylbenzene	1,800	500
		tert-butylbenzene	600	500
		1,2,4-trimethylbenzene	5,800	500
		sec-butylbenzene	ND	500
		1,3-dichlorobenzene	ND	500
		1,4-dichlorobenzene	ND	500
		1,2-dichlorobenzene	ND	500
		p-isopropyltoluene	ND	500
		n-butylbenzene	810	500
		1,2,4-trichlorobenzene	ND	500
		naphthalene	2,900	500
		hexachlorobutadiene	ND	500
		1,2,3-trichlorobenzene	ND	500

Surrogates	Result (ug/kg)	% Recovery	Acceptance Range (%)
dibromofluoromethane (25,000)	21,000	84.0	80 - 120
toluene-d <sub>8</sub> (25,000)	24,100	96.4	80 - 120
4-bromofluorobenzene (25,000)	23,800	95.2	80 - 120

Date Sampled: 09/09/98	Date Analyzed: 09/23/98	QC Batch #: 549
Date Received: 09/09/98	Method: EPA 8260	
Holding Time Met: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		



Analytical Sciences PO Box 750336 Petaluma, CA 94975	Project: Mark Valentini Project Number: Holland (8090905) Project Manager: Mark Valentini	Sampled: 9/9/98 Received: 9/14/98 Reported: 9/29/98
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**Semivolatile Organic Compounds by EPA Method 8270B  
Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>Bin A-B (2354)</b>				<b>P809172-01</b>			<b>Soil</b>	
Acenaphthene	8090368	9/22/98	9/24/98		8250	ND	ug/kg	
Acenaphthylene	"	"	"		8250	14900	"	
Anthracene	"	"	"		8250	ND	"	
Benzoic acid	"	"	"		41800	ND	"	
Benzo (a) anthracene	"	"	"		8250	ND	"	
Benzo (b) fluoranthene	"	"	"		8250	ND	"	
Benzo (k) fluoranthene	"	"	"		8250	ND	"	
Benzo (g,h,i) perylene	"	"	"		8250	ND	"	
Benzo (a) pyrene	"	"	"		8250	ND	"	
Benzyl alcohol	"	"	"		16500	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		8250	ND	"	
Bis(2-chloroethyl)ether	"	"	"		8250	ND	"	
Bis(2-chloroisopropyl)ether	"	"	"		8250	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		8250	30000	"	
4-Bromophenyl phenyl ether	"	"	"		8250	ND	"	
Butyl benzyl phthalate	"	"	"		8250	ND	"	
4-Chloroaniline	"	"	"		16500	ND	"	
4-Chloro-3-methylphenol	"	"	"		16500	ND	"	
2-Chloronaphthalene	"	"	"		8250	ND	"	
2-Chlorophenol	"	"	"		8250	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		8250	ND	"	
Chrysene	"	"	"		8250	ND	"	
Dibenz (a,h) anthracene	"	"	"		8250	ND	"	
Dibenzofuran	"	"	"		8250	ND	"	
Di-n-butyl phthalate	"	"	"		8250	ND	"	
1,2-Dichlorobenzene	"	"	"		8250	ND	"	
1,3-Dichlorobenzene	"	"	"		8250	ND	"	
1,4-Dichlorobenzene	"	"	"		8250	ND	"	
3,3'-Dichlorobenzidine	"	"	"		16500	ND	"	
2,4-Dichlorophenol	"	"	"		8250	ND	"	
Diethyl phthalate	"	"	"		8250	ND	"	
2,4-Dimethylphenol	"	"	"		8250	ND	"	
Dimethyl phthalate	"	"	"		8250	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		41800	ND	"	
2,4-Dinitrophenol	"	"	"		41800	ND	"	
2,4-Dinitrotoluene	"	"	"		8250	ND	"	
2,6-Dinitrotoluene	"	"	"		8250	ND	"	
Di-n-octyl phthalate	"	"	"		8250	ND	"	
Fluoranthene	"	"	"		8250	ND	"	
Fluorene	"	"	"		8250	ND	"	
Hexachlorobenzene	"	"	"		8250	ND	"	





Analytical Sciences PO Box 750336 Petaluma, CA 94975	Project: Mark Valentini Project Number: Holland (8090905) Project Manager: Mark Valentini	Sampled: 9/9/98 Received: 9/14/98 Reported: 9/29/98
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**Semivolatile Organic Compounds by EPA Method 8270B  
Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>Bin A-B (2354) (continued)</b>				<b>P809172-01</b>			<b>Soil</b>	
Hexachlorobutadiene	8090368	9/22/98	9/24/98		8250	ND	ug/kg	
Hexachlorocyclopentadiene	"	"	"		8250	ND	"	
Hexachloroethane	"	"	"		8250	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		8250	ND	"	
Isophorone	"	"	"		8250	ND	"	
<b>2-Methylnaphthalene</b>	"	"	"		8250	<b>31800</b>	"	
2-Methylphenol	"	"	"		8250	ND	"	
4-Methylphenol	"	"	"		8250	ND	"	
Naphthalene	"	"	"		8250	ND	"	
2-Nitroaniline	"	"	"		41800	ND	"	
3-Nitroaniline	"	"	"		41800	ND	"	
4-Nitroaniline	"	"	"		41800	ND	"	
Nitrobenzene	"	"	"		8250	ND	"	
2-Nitrophenol	"	"	"		8250	ND	"	
4-Nitrophenol	"	"	"		41800	ND	"	
N-Nitrosodiphenylamine	"	"	"		8250	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		8250	ND	"	
Pentachlorophenol	"	"	"		41800	ND	"	
<b>Phenanthrene</b>	"	"	"		8250	<b>12300</b>	"	
Phenol	"	"	"		8250	ND	"	
Pyrene	"	"	"		8250	ND	"	
1,2,4-Trichlorobenzene	"	"	"		8250	ND	"	
2,4,5-Trichlorophenol	"	"	"		8250	ND	"	
2,4,6-Trichlorophenol	"	"	"		8250	ND	"	
Surrogate: 2-Fluorophenol	"	"	"	-		49.0	%	
Surrogate: Phenol-d6	"	"	"	-		83.2	"	
Surrogate: Nitrobenzene-d5	"	"	"	-		76.6	"	
Surrogate: 2-Fluorobiphenyl	"	"	"	-		82.9	"	
Surrogate: 2,4,6-Tribromophenol	"	"	"	-		162	"	S-AC
Surrogate: Terphenyl-d14	"	"	"	-		129	"	





# Sequoia Analytical

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FAX (916) 921-0100  
FAX (707) 792-0342

Sequoia Analytical Petaluma 1455 McDowell Blvd. North Suite D, Petaluma CA 94954 Attention: Matt Sakai	Client Project ID: P810027-01 Sample Descript: P810027-01 Analysis Method: See below Lab Number: 9810360-01A	Sampled: 9/19/98 Received: 10/5/98 Reported: 10/13/98
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## STATIC HAZARDOUS ABBREVIATED SCREEN BIOASSAY

Species: Pimephales promelas  
Common Name: Fathead Minnow

Organisms/Tank: 10  
Organisms/Conc.: 20  
Tank Depth: 16 cm  
Tank Volume: 8 L  
Acclimation Temp.: 21 °C +/- 1  
Supplier: Sticklebacks Unlimited/  
Thomas Fish

Mean length: 43.0 mm      Min. length: 38.0 mm  
Max. length: 48.0 mm  
Mean weight: 0.45 g      Min. weight: 0.3 g  
Max. weight: 0.55 g

Dilution Water: Synthetic Softwater  
Hardness 40-48

	Alkalinity, mg/L		Hardness, mg/L	
	Initial	Final	Initial	Final
Control	32	34	46	44
750 ppm	60	100	60	80
Duplicate 750 ppm	60	80	60	80

DATE	Initial	24 Hr	48 Hr	72 Hr	96 Hr
	10/8/98	10/9/98	10/10/98	10/11/98	10/12/98

	DO	C	pH	DO	C	pH	# M	DO	C	pH	# M	DO	C	pH	# M	DO	C	pH	# M	Total Dead
	mg/L	Temp	Units	mg/L	Temp	Units	Dead	mg/L	Temp	Units	Dead	mg/L	Temp	Units	Dead	mg/L	Temp	Units	Dead	
Control	8.9	21	7.4	6.6	20	6.5	0	5.9	20	6.8	0	5.4	20	6.6	0	5.2	20	6.4	0	0
750 ppm	9.1	21	7.8	7.3	20	7.1	0	3.5	20	6.5	5	6.6	20	6.8	3	7.8	20	7.1	1	9
300 ppm	9.1	21	7.8	7.1	20	7.0	1	3.4	20	6.5	1	7.7	20	6.9	0	8.0	20	7.0	0	2
Duplicate																				
750 ppm	9.1	21	8.0	7.2	20	7.1	0	2.5	20	6.5	2	8.2	20	6.8	1	8.5	20	7.2	2	5
300 ppm	9.1	21	7.9	7.3	20	7.1	0	2.6	20	6.5	1	7.8	20	6.9	0	8.1	20	7.1	0	1

Remarks: The screen fails if > 40% of the fish die in the 750 ppm concentration.  
Aerated all tanks except control 10/10/98. This screen fails.

Analyst: M. Grisli      Method Reference: Static Acute Bioassay Procedures for Hazardous Waste Samples, November 1988, California Department of Fish and Game WPCL.

SEQUOIA ANALYTICAL, ELAP# 1210

Anthony P. McMahon  
Client Services Representative







**Sequoia  
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Analytical Sciences PO Box 750336 Petaluma, CA 94975	Project: Mark Valentini Project Number: Holland (8092902) Project Manager: Mark Valentini	Sampled: 9/19/98 Received: 9/30/98 Reported: 10/26/98
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**STLC CAM Metals by EPA 6000/7000 Series Methods  
Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
<u>Bin A-B (2354)</u> <b>Lead</b>	8100250	10/21/98	10/22/98	<u>P810027-01</u> EPA 6010A	375	<del>20000</del>	<u>Soil</u> ug/l	



# CHROMALAB, INC.

Environmental Services (BDB)

December 11, 1998

Submission #: 9812099

ENVIRONMENTAL BIOSYSTEMS, INC.

Atten: Dave Sadoff

Project: HOLLAND ESTATE  
Received: December 4, 1998

Project#: 150-504B

re: One sample for TCLP Metals analysis.  
Method: 1311/3010A/6010A/7470A Nov1997


Client Sample ID: BIN-C,D  
Spl#: 219552  
Sampled: December 4, 1998


Matrix: SOIL  
Run#: 16395

Extracted: December 9, 1998  
Analyzed: December 9, 1998

ANALYTE	RESULT (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE (%)	DILUTION FACTOR
ARSENIC	N.D.	0.50	N.D.	101	1
BARIUM	0.41	0.10	N.D.	99.0	1
CADMIUM	N.D.	0.10	N.D.	99.0	1
CHROMIUM	N.D.	0.50	N.D.	98.4	1
LEAD	N.D.	0.50	N.D.	98.8	1
SELENIUM	N.D.	0.20	N.D.	99.2	1
SILVER	N.D.	0.50	N.D.	93.6	1
MERCURY	N.D.	0.0050	N.D.	109	1

Mercury extracted on and analyzed on December 10, 1998.

Shafi   
Analyst

  
Michael Verona  
Operations Manager



**ENVIRONMENTAL BIO-SYSTEMS, INC.**  
 Innovative Solutions for a Better Environment  
 (408) 979-8600  
 P.O. Box 7171  
 San Jose, CA 95150-7171

**CHAIN OF CUSTODY**

LAB Job # 8090905

ALL SAMPLES TO BE ANALYZED USING  
 METHODS AND DETECTION LIMITS  
 ESTABLISHED BY REGION \_\_\_\_\_  
 OF THE STATE WATER RESOURCES  
 CONTROL BOARD.

INSTRUCTIONS:

2:1 COMPOSITE

PROJECT NUMBER	150-504B
CLIENT	HOLLAND ESTATE
SITE	16301 E. 14TH
	SAN LEANDRO, CA

SAMPLE I.D.	MATRIX	NUMBER OF CONTAINERS
BIN-A		
BIN-B		

COMPOSITE	ANALYSIS					
	TPH <sub>g</sub>	TPH <sub>d</sub>	8260	8270	LVFT 5 METALS	5520/TRPA
X	X	X	X	X	X	X
X						

TURNAROUND	SAMPLE CONDITION	LAB SAMPLE#
STANDARD		2354

SAMPLING COMPLETED	DATE 9/1/98	TIME 15:10	SAMPLING PERFORMED BY	DAVE A. SADOFF	RECEIVED BY	MARIE VALENTINA	ANALYTICAL SCIENCES
RELEASED BY	DATE 9/1/98	TIME 15:20	RECEIVED BY	MARIE VALENTINA	DATE 9/2/98	TIME 15:20	
RELEASED BY	DATE	TIME	RECEIVED BY		DATE	TIME	
RELEASED BY	DATE	TIME	RECEIVED BY		DATE	TIME	
SHIPPED VIA	DATE SENT	TIME SENT	COOLER #				



**ENVIRONMENTAL BIO-SYSTEMS, INC.**  
 Innovative Solutions for a Better Environment  
 30028 Industrial Pkwy., S.W.  
 Suite C  
 Hayward, CA 94544

**CHAIN OF CUSTODY**

PROJECT NUMBER 150-504B  
 CLIENT HOLLAND ESTATE  
 SITE 16301 E. 14TH ST.  
SAN LEANDRO, CA

SAMPLE I.D.	MATRIX	NUMBER OF CONTAINERS	COMPOSITE	ANALYSIS							TURNAROUND	SAMPLE CONDITION	LAB SAMPLE#
BIN-C	SOIL	1	X	TCLP & METALS								<del>STANDARD</del>	
BIN-D	"	1										5-DAY	

ALL SAMPLES TO BE ANALYZED USING METHODS AND DETECTION LIMITS ESTABLISHED BY REGION \_\_\_\_\_ OF THE STATE WATER RESOURCES CONTROL BOARD.

INSTRUCTIONS:  
COMPOSITE (BIN-C + BIN-D)

SAMPLING COMPLETED DATE 12/4/98 TIME 12:00 SAMPLING PERFORMED BY DAVE A. SADDY

RELEASED BY <u>[Signature]</u>	DATE <u>12/4/98</u>	TIME <u>12:20</u>	RECEIVED BY <u>[Signature]</u>	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA DATE SENT TIME SENT COOLER #