

NOV 12 11 3:40

## LETTER OF TRANSMITTAL

TO: Mr. Barney M. Chan, Hazardous  
Materials Specialist

Alameda County Health Care Services

Environmental Protection

1131 Harbor Bay Parkway, Suite 250

Alameda, California 94502-6577

DATE: November 11, 1998	PROJECT NO. 04-40-0161
RE: 106-110 Hegenberger Road	
Oakland, California	
STID No. 4240	

### WE ARE SENDING YOU

Attached                       Under separate cover via \_\_\_\_\_ the following items:

Final Reports                       Draft reports                       Plans                       Samples                       Specifications  
 Copy of letter                       Change order                       \_\_\_\_\_

COPIES	DATE	NO.	DESCRIPTION
1	11/11/98		Report Drum Disposal 106-110 Hegenberger Road Oakland, California

### THESE ARE TRANSMITTED as checked below:

For approval                       For review and comment                       Return for Corrections  
 For your use                       Approved as submitted                       \_\_\_\_\_  
 As requested                       Approved as noted

**REMARKS:**

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COPY TO: Deborah David, Larry David

SIGNED: Martin B. Cline  
Martin B. Cline, C.E.G.



1181 Quarry Lane, Building 300  
Pleasanton, CA 94566  
(925) 462-4000 • FAX (925) 462-6283

November 11, 1998

BSK Job No. 04-40-0161

Ms. Deborah David  
c/o Lebovits and David  
Two Century Plaza  
2049 Century Park East, Suite 3100  
Los Angeles, California 90067

Subject: Report  
Drum Disposal  
106-110 Hegenberger Road  
Oakland, California

Dear Ms. David:

BSK & Associates (BSK) is pleased to submit this Report for the disposal of the drums located at 106-110 Hegenberger Road in Oakland, California.

On October 27, 1997, BSK personnel conducted a drum inventory at the subject site. A total of 20 drums were observed at various locations at the site. The status of the drums were as follows:

2 Drums filled with soil cuttings, marked identifying the contents (Generated by BSK drilling on 9/8/97)

1 Drum filled with auger rinsate (generated by BSK drilling on 9/8/97)

17 Drums filled with soil or water, not labeled (Presumed to be from drilling activities by others)

In order for the landfill to accept drums which are not labeled as to the contents, sampling and analysis of the samples was required for disposal. The 17 unlabeled drums were sampled by BSK personnel on July 28, 1998 and the samples were submitted to the laboratory for analysis. The disposal facility required that the analytical testing of the soil drums consist of total petroleum hydrocarbons as gasoline (TPHg), total petroleum hydrocarbons as diesel (TPHd), volatile organic compounds, semivolatile organic compounds and LUFT metals. The testing requirements of the drums of water consisted of total oil and grease, and LUFT metals.

The samples were submitted to the analytical laboratory using chain-of-custody documentation. The laboratory data sheets and chain-of-custody document are attached to this report.

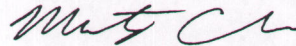
The soil drums were transported by North American Dirt Solutions to the TPS Technologies, Inc. facility in Richmond, California.

The water drums were transported by North American Dirt Solutions to the Alviso Independent Oil facility located in Alviso, California.

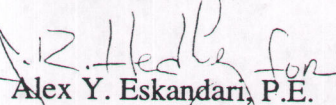
The manifests for the transportation and disposal of the soil and water drums are attached to this report.

Should you have questions regarding this report, or if we can be of additional service, please do not hesitate to contact us.

Respectfully submitted,  
BSK & Associates



Martin B. Cline, C.E.G.  
Project Geologist



Alex Y. Eskandari, P.E.  
Manager - Geo-Environmental Services

AYE/MBC

(F:\DOCUMENT\ENV\DATA\REPORTS\DAVID\04400161.DRM)

Attachments:

- Laboratory Data Sheets (12 pages)
- Chain-of-Custody
- Soil Disposal Manifest
- Water Disposal Manifest

cc: Larry David  
Barney Chan, Alameda County Environmental Health

**BSK** ANALYTICAL  
**LABORATORIES**

RECEIVED AUG 19 1998

CERTIFICATE OF ANALYSIS  
Cover Letter

August 17, 1998

Martin Cline  
BSK & Associates, Pleasanton  
1181 Quarry Lane Suite 300  
Pleasanton, CA 94566

BSK Submission Number : 9807000766  
Date Received : 07/29/98

Dear Martin Cline,

BSK adheres to a quality assurance plan that has been approved by the State of California, Department of Health Services. Our ELAP certificate number is 1180.

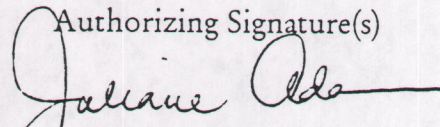
This Certificate of Analysis has been prepared in response to your request for analytical services. Information was taken from your Chain-of-Custody or related correspondence. All sample handling and analytical procedures were completed within BSK Laboratories' standard acceptability criteria with any exceptions noted below.

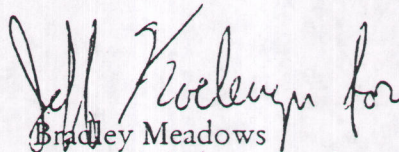
If additional clarification of information contained within this certificate is needed, please contact our Client Service Department at 1-800-877-8310 or 209-497-2888.

Sincerely,

BSK Laboratories

Authorizing Signature(s)

  
Juliane Adams  
Organic Laboratory Supervisor

  
Bradley Meadows  
Inorganic Laboratory Supervisor

Cynthia Pigman  
QA/QC Supervisor

## Certificate of Analysis

Martin Cline  
 BSK & Associates, Pleasanton  
 1181 Quarry Lane Suite 300  
 Pleasanton, CA 94566

Report Issue Date : 08/17/98

Submission Number : 9807000766  
 Lab Number : 71372  
 Project Number : 04400161  
 Project Desc. : Larry David  
 Sample Description : Composite A S-1,S-3,S-5,S-7

Sample Date : 07/28/98  
 Sample Time : 00:00  
 Sample Type : SOLID

### BSK LABORATORIES LUFT ANALYSIS

Method	Analyte	Date Prep.	Date Anal.	Result	Units	PQL	Dil	DLR
SM 5520E	Total Oil & Grease	08/10/98	08/11/98	1200	mg/Kg	20	2	40
EPA 8015/DHS LUFT	Total Petroleum Hydrocarbons as Diesel	08/03/98	08/03/98	ND	mg/Kg	2	1	2
TPHG	Total Petroleum Hydrocarbons as Gasoline	08/04/98	08/04/98	ND	mg/Kg	1	1	1

Sampling Time 09:55,09:57,10:00,10:02

ND : None Detected	PQL : Practical Quantitation Limit	Conversions:
mg/L : Milligrams/Liter = ppm	Dil : Dilution Factor	1 ppm = 1000 ppb
µg/L : Micrograms/Liter = ppb	DLR : Reportable Detection Limit	1 ppb = 0.001 ppm
mg/kg : Milligrams/Kilogram = ppm	derived by (PQL x Dil)	
µg/kg : Micrograms/Kilogram = ppb	Higher limits may result from exceptional sample matrices or interferences	

# BSK ANALYTICAL LABORATORIES

## Certificate of Analysis

Martin Cline  
 BSK & Associates, Pleasanton  
 1181 Quarry Lane Suite 300  
 Pleasanton, CA 94566

Report Issue Date : 08/17/98

Submission Number : 9807000766  
 Lab Number : 71372  
 Project Number : 04400161  
 Project Desc. : Larry David  
 Sample Description : Composite A S-1,S-3,S-5,S-7

Sample Date : 07/28/98  
 Sample Time : 00:00  
 Sample Type : SOLID

Method	Analyte	Date Prep.	Date Anal.	Result	Units	PQL	Dil	DLR
EPA 6010	Cadmium (Cd)	08/07/98	08/07/98	ND	mg/Kg	1	1	1
EPA 6010	Chromium, Total (Cr)	08/07/98	08/07/98	29	mg/Kg	5	1	5
EPA 6010	Lead (Pb)	08/07/98	08/07/98	25	mg/Kg	5	1	5
EPA 6010	Nickel (Ni)	08/07/98	08/07/98	46	mg/Kg	5	1	5
EPA 6010	Zinc (Zn)	08/07/98	08/07/98	50	mg/Kg	5	1	5

Sampling Time 09:55,09:57,10:00,10:02

ND : None Detected	PQL : Practical Quantitation Limit	Conversions:
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 Pleasanton, CA 94566

Report Issue Date : 08/17/98

Submission Number : 9807000766  
 Lab Number : 71376  
 Project Number : 04400161  
 Project Desc. : Larry David  
 Sample Description : Composite B S-9,S-11,S-13,S-15

Sample Date : 07/28/98  
 Sample Time : 00:00  
 Sample Type : SOLID

### BSK LABORATORIES LUFT ANALYSIS

Method	Analyte	Date Prep.	Date Anal.	Result	Units	PQL	Dil	DLR
SM 5520E	Total Oil & Grease	08/10/98	08/11/98	650	mg/Kg	20	2	40
EPA 8015/DHS LUFT	Total Petroleum Hydrocarbons as Diesel Lighter boiling-point hydrocarbons decreased relative to standard	08/03/98	08/03/98	4.7	mg/Kg	2	1	2
TPHG	Total Petroleum Hydrocarbons as Gasoline	08/04/98	08/04/98	ND	mg/Kg	1	1	1

Sampling Time 10:05,10:35,10:40,10:45

ND : None Detected	PQL : Practical Quantitation Limit	Conversions:
mg/L : Milligrams/Liter = ppm	Dil : Dilution Factor	1 ppm = 1000 ppb
µg/L : Micrograms/Liter = ppb	DLR : Reportable Detection Limit	1 ppb = 0.001 ppm
mg/kg : Milligrams/Kilogram = ppm	derived by (PQL x Dil)	
µg/kg : Micrograms/Kilogram = ppb	Higher limits may result from exceptional sample matrices or interferences	

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Report Issue Date : 08/17/98

Submission Number : 9807000766  
 Lab Number : 71376  
 Project Number : 04400161  
 Project Desc. : Larry David  
 Sample Description : Composite B S-9,S-11,S-13,S-15

Sample Date : 07/28/98  
 Sample Time : 00:00  
 Sample Type : SOLID

Method	Analyte	Date Prep.	Date Anal.	Result	Units	PQL	Dil	DLR
EPA 6010	Cadmium (Cd)	08/07/98	08/07/98	ND	mg/Kg	1	1	1
EPA 6010	Chromium, Total (Cr)	08/07/98	08/07/98	28	mg/Kg	5	1	5
EPA 6010	Lead (Pb)	08/07/98	08/07/98	22	mg/Kg	5	1	5
EPA 6010	Nickel (Ni)	08/07/98	08/07/98	43	mg/Kg	5	1	5
EPA 6010	Zinc (Zn)	08/07/98	08/07/98	37	mg/Kg	5	1	5

Sampling Time 10:05, 10:35, 10:40, 10:45

ND : None Detected	PQL : Practical Quantitation Limit	Conversions:
mg/L : Milligrams/Liter = ppm	Dil : Dilution Factor	1 ppm = 1000 ppb
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µg/kg : Micrograms/Kilogram = ppb	Higher limits may result from exceptional sample matrices or interferences	



# BSK ANALYTICAL LABORATORIES

## Certificate of Analysis

Martin Cline  
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 Pleasanton, CA 94566

Preparation Date : 08/11/98  
 Analysis Date : 08/11/98  
 Report Issue Date : 08/17/98

Submission Number : 9807000766  
 Lab Number : 71377  
 Project Number : 04400161  
 Project Desc. : Larry David  
 Sample Description : Composite C S-1,S-5,S-9,S-13

Sample Date : 07/28/98  
 Sample Time : 00:00  
 Sample Type : SOLID

### 8240, Analysis for Volatile Organics

Analyte	Result	Units	PQL	Dil	DLR
Bromodichloromethane	ND	µg/Kg	5.0	1	5
Chloroform (Trichloro methane)	ND	µg/Kg	5.0	1	5
Dibromochloromethane	ND	µg/Kg	5.0	1	5
Bromoform	ND	µg/Kg	5.0	1	5
Benzene	ND	µg/Kg	5.0	1	5
Bromomethane (Methyl bromide)	ND	µg/Kg	5.0	1	5
Carbon tetrachloride	ND	µg/Kg	5.0	1	5
Chlorobenzene	ND	µg/Kg	5.0	1	5
Chloroethane	ND	µg/Kg	5.0	1	5
Chloromethane (Methyl chloride)	ND	µg/Kg	5.0	1	5
o-Dichlorobenzene	ND	µg/Kg	5.0	1	5
m-Dichlorobenzene	ND	µg/Kg	5.0	1	5
p-Dichlorobenzene	ND	µg/Kg	5.0	1	5
1,1-Dichloroethane	ND	µg/Kg	5.0	1	5
1,1-Dichloroethene	ND	µg/Kg	5.0	1	5
1,2-Dichloroethane	ND	µg/Kg	5.0	1	5
cis-1,2-Dichloroethene	ND	µg/Kg	5.0	1	5
cis-1,3-Dichloropropene	ND	µg/Kg	5.0	1	5
trans-1,2-Dichloroethene	ND	µg/Kg	5.0	1	5
trans-1,3-Dichloropropene	ND	µg/Kg	5.0	1	5
1,2-Dichloropropane	ND	µg/Kg	5.0	1	5
Ethylbenzene	ND	µg/Kg	5.0	1	5
Methylene chloride	ND	µg/Kg	130	1	130
Styrene	ND	µg/Kg	5.0	1	5
1,1,2,2-Tetrachloroethane	ND	µg/Kg	5.0	1	5
Tetrachloroethene	ND	µg/Kg	5.0	1	5
Toluene	ND	µg/Kg	5.0	1	5
1,1,1-Trichloroethane (1,1,1-TCA)	ND	µg/Kg	5.0	1	5
1,1,2-Trichloroethane (1,1,2-TCA)	ND	µg/Kg	5.0	1	5
Trichloroethene (TCE)	ND	µg/Kg	5.0	1	5

Sampling Time 09:55,10:00,10:05,10:40

ND : None Detected	PQL : Practical Quantitation Limit	Conversions:
mg/L : Milligrams/Liter = ppm	Dil : Dilution Factor	1 ppm = 1000 ppb
µg/L : Micrograms/Liter = ppb	DLR : Reportable Detection Limit	1 ppb = 0.001 ppm
mg/kg : Milligrams/Kilogram = ppm	derived by (PQL x Dil)	
µg/kg : Micrograms/Kilogram = ppb	Higher limits may result from exceptional sample matrices or interferences	

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Preparation Date : 08/11/98  
 Analysis Date : 08/11/98  
 Report Issue Date : 08/17/98

Submission Number : 9807000766  
 Lab Number : 71377  
 Project Number : 04400161  
 Project Desc. : Larry David  
 Sample Description : Composite C S-1,S-5,S-9,S-13

Sample Date : 07/28/98  
 Sample Time : 00:00  
 Sample Type : SOLID

### 8240, Analysis for Volatile Organics(Cont.)

Analyte	Result	Units	PQL	Dil	DLR
Vinyl chloride	ND	µg/Kg	5.0	1	5
Total Xylene Isomers	ND	µg/Kg	5.0	1	5
Acetone	ND	µg/Kg	130	1	130
Carbon Disulfide	ND	µg/Kg	10	1	10
2-Butanone	ND	µg/Kg	130	1	130
2-Hexanone	ND	µg/Kg	130	1	130
4-Methyl-2-pentanone	ND	µg/Kg	130	1	130

Sampling Time 09:55,10:00,10:05,10:40

ND : None Detected	PQL : Practical Quantitation Limit	Conversions:
mg/L : Milligrams/Liter = ppm	Dil : Dilution Factor	1 ppm = 1000 ppb
µg/L : Micrograms/Liter = ppb	DLR : Reportable Detection Limit	1 ppb = 0.001 ppm
mg/kg : Milligrams/Kilogram = ppm	derived by (PQL x Dil)	
µg/kg : Micrograms/Kilogram = ppb	Higher limits may result from exceptional sample matrices or interferences	

## Certificate of Analysis

Martin Cline  
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 1181 Quarry Lane Suite 300  
 Pleasanton, CA 94566

Preparation Date : 08/11/98  
 Analysis Date : 08/14/98  
 Report Issue Date : 08/17/98

Submission Number : 9807000766  
 Lab Number : 71377  
 Project Number : 04400161  
 Project Desc. : Larry David  
 Sample Description : Composite C S-1,S-5,S-9,S-13

Sample Date : 07/28/98  
 Sample Time : 00:00  
 Sample Type : SOLID

### 8270, Semivolatile Organic Compounds, Liquid

Analyte	Result	Units	PQL	Dil	DLR
Acenaphthene	ND	µg/Kg	330	20	6600
Acenaphthylene	ND	µg/Kg	330	20	6600
Aldrin	ND	µg/Kg	330	20	6600
Anthracene	ND	µg/Kg	330	20	6600
Benzo(a)anthracene	ND	µg/Kg	330	20	6600
Benzo(a)pyrene	ND	µg/Kg	330	20	6600
Benzo(b)fluoranthene	ND	µg/Kg	330	20	6600
Benzo(ghi)perylene	ND	µg/Kg	330	20	6600
Benzo(k)fluoranthene	ND	µg/Kg	330	20	6600
Butyl benzyl phthalate	ND	µg/Kg	330	20	6600
α-BHC	ND	µg/Kg	330	20	6600
β-BHC	ND	µg/Kg	330	20	6600
δ-BHC	ND	µg/Kg	330	20	6600
Γ-BHC	ND	µg/Kg	330	20	6600
4-Bromophenylphenyl ether	ND	µg/Kg	330	20	6600
2-Chloronaphthalene	ND	µg/Kg	330	20	6600
2-Chlorophenol	ND	µg/Kg	330	20	6600
4-Chlorophenylphenyl ether	ND	µg/Kg	330	20	6600
4-Chloro-3-methylphenol	ND	µg/Kg	650	20	13000
bis(2-Chloroethoxy) methane	ND	µg/Kg	330	20	6600
bis(2-Chloroethyl) ether	ND	µg/Kg	1650	20	33000
bis(2-Chloroisopropyl) ether	ND	µg/Kg	3300	20	66000
Chrysene	ND	µg/Kg	330	20	6600
4,4'-DDD	ND	µg/Kg	330	20	6600
4,4'-DDE	ND	µg/Kg	330	20	6600
4,4'-DDT	ND	µg/Kg	330	20	6600
Dibenz(a,h)anthracene	ND	µg/Kg	330	20	6600
1,2-Dichlorobenzene	ND	µg/Kg	330	20	6600
1,3-Dichlorobenzene	ND	µg/Kg	330	20	6600
1,4-Dichlorobenzene	ND	µg/Kg	330	20	6600

Sampling Time 09:55, 10:00, 10:05, 10:40

ND : None Detected  
 mg/L : Milligrams/Liter = ppm  
 µg/L : Micrograms/Liter = ppb  
 mg/kg : Milligrams/Kilogram = ppm  
 µg/kg : Micrograms/Kilogram = ppb

PQL : Practical Quantitation Limit  
 Dil : Dilution Factor  
 DLR : Reportable Detection Limit  
 derived by (PQL x Dil)  
 Higher limits may result from exceptional sample matrices or interferences

Conversions:  
 1 ppm = 1000 ppb  
 1 ppb = 0.001 ppm

## Certificate of Analysis

Martin Cline  
 BSK & Associates, Pleasanton  
 1181 Quarry Lane Suite 300  
 Pleasanton, CA 94566

Preparation Date : 08/11/98  
 Analysis Date : 08/14/98  
 Report Issue Date : 08/17/98

Submission Number : 9807000766  
 Lab Number : 71377  
 Project Number : 04400161  
 Project Desc. : Larry David  
 Sample Description : Composite C S-1,S-5,S-9,S-13

Sample Date : 07/28/98  
 Sample Time : 00:00  
 Sample Type : SOLID

### 8270, Semivolatile Organic Compounds, Liquid(Cont.)

Analyte	Result	Units	PQL	Dil	DLR
2,4-Dichlorophenol	ND	µg/Kg	330	20	6600
3,3-Dichlorobenzidine	ND	µg/Kg	650	20	13000
Dieldrin	ND	µg/Kg	330	20	6600
Diethyl phthalate	ND	µg/Kg	330	20	6600
2,4-Dimethylphenol	ND	µg/Kg	330	20	6600
Dimethyl phthalate	ND	µg/Kg	330	20	6600
2,4-Dinitrophenol	ND	µg/Kg	3300	20	66000
2,4-Dinitrotoluene	ND	µg/Kg	1300	20	26000
2,6-Dinitrotoluene	ND	µg/Kg	1300	20	26000
4,6-Dinitro-2-methylphenol	ND	µg/Kg	1650	20	33000
Di-n-butyl phthalate	ND	µg/Kg	330	20	6600
Di-n-octyl phthalate	ND	µg/Kg	330	20	6600
Endosulfan I	ND	µg/Kg	330	20	6600
Endosulfan II	ND	µg/Kg	330	20	6600
Endosulfan sulfate	ND	µg/Kg	330	20	6600
Endrin	ND	µg/Kg	1300	20	26000
Endrin aldehyde	ND	µg/Kg	330	20	6600
bis(2-Ethylhexyl) phthalate	ND	µg/Kg	330	20	6600
Fluoranthene	ND	µg/Kg	330	20	6600
Fluorene	ND	µg/Kg	330	20	6600
Heptachlor	ND	µg/Kg	330	20	6600
Heptachlor epoxide	ND	µg/Kg	330	20	6600
Hexachlorobenzene	ND	µg/Kg	330	20	6600
Hexachloroethane	ND	µg/Kg	330	20	6600
Indeno(1,2,3-cd)pyrene	ND	µg/Kg	330	20	6600
Isophorone	ND	µg/Kg	330	20	6600
Naphthalene	ND	µg/Kg	330	20	6600
Hexachlorobutadiene	ND	µg/Kg	330	20	6600
2-Nitrophenol	ND	µg/Kg	330	20	6600
4-Nitrophenol	ND	µg/Kg	1650	20	33000

Sampling Time 09:55,10:00,10:05,10:40

ND : None Detected	PQL : Practical Quantitation Limit	Conversions:
mg/L : Milligrams/Liter = ppm	Dil : Dilution Factor	1 ppm = 1000 ppb
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mg/kg : Milligrams/Kilogram = ppm	derived by (PQL x Dil)	
µg/kg : Micrograms/Kilogram = ppb	Higher limits may result from exceptional sample matrices or interferences	

## Certificate of Analysis

Martin Cline  
 BSK & Associates, Pleasanton  
 1181 Quarry Lane Suite 300  
 Pleasanton, CA 94566

Preparation Date : 08/11/98  
 Analysis Date : 08/14/98  
 Report Issue Date : 08/17/98

Submission Number : 9807000766  
 Lab Number : 71377  
 Project Number : 04400161  
 Project Desc. : Larry David  
 Sample Description : Composite C S-1,S-5,S-9,S-13

Sample Date : 07/28/98  
 Sample Time : 00:00  
 Sample Type : SOLID

### 8270, Semivolatile Organic Compounds, Liquid(Cont.)

Analyte	Result	Units	PQL	Dil	DLR
Pentachlorophenol (PCP)	ND	µg/Kg	1650	20	33000
Phenol	ND	µg/Kg	650	20	13000
2,4,6-Trichlorophenol	ND	µg/Kg	330	20	6600
Nitrobenzene	ND	µg/Kg	1300	20	26000
n-Nitrosodiphenylamine	ND	µg/Kg	330	20	6600
n-Nitrosodi-n-propylamine	ND	µg/Kg	1650	20	33000
Phenanthrene	ND	µg/Kg	650	20	13000
Pyrene	ND	µg/Kg	330	20	6600
1,2,4-Trichlorobenzene	ND	µg/Kg	330	20	6600

Sampling Time 09:55,10:00,10:05,10:40

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# BSK ANALYTICAL LABORATORIES

## Certificate of Analysis

Martin Cline  
 BSK & Associates, Pleasanton  
 1181 Quarry Lane Suite 300  
 Pleasanton, CA 94566

Report Issue Date : 08/17/98

Submission Number : 9807000766  
 Lab Number : 71107  
 Project Number : 04400161  
 Project Desc. : Larry David  
 Sample Description : W-1, W-2, W-3 Water Drums

Sample Date : 07/28/98  
 Sample Time : 10:50  
 Sample Type : LIQUID

Method	Analyte	Date Prep.	Date Anal.	Result	Units	PQL	Dil	DLR
EPA 200.7	Cadmium (Cd)	08/10/98	08/10/98	ND	mg/L	0.02	1	0.02
EPA 200.7	Chromium, Total (Cr)	08/10/98	08/10/98	ND	mg/L	0.1	1	0.1
EPA 200.7	Lead (Pb)	08/10/98	08/10/98	ND	mg/L	0.05	1	0.05
EPA 200.7	Nickel (Ni)	08/10/98	08/10/98	ND	mg/L	0.1	1	0.1
EPA 200.7	Zinc (Zn)	08/10/98	08/10/98	ND	mg/L	0.1	1	0.1

ND : None Detected  
 mg/L : Milligrams/Liter = ppm  
 µg/L : Micrograms/Liter = ppb  
 mg/kg : Milligrams/Kilogram = ppm  
 µg/kg : Micrograms/Kilogram = ppb

PQL : Practical Quantitation Limit  
 Dil : Dilution Factor  
 DLR : Reportable Detection Limit  
 derived by (PQL x Dil)  
 Higher limits may result from exceptional sample matrices or interferences

Conversions:  
 1 ppm = 1000 ppb  
 1 ppb = 0.001 ppm

# BSK ANALYTICAL LABORATORIES

## Certificate of Analysis

Martin Cline  
 BSK & Associates, Pleasanton  
 1181 Quarry Lane Suite 300  
 Pleasanton, CA 94566

Preparation Date : 08/10/98  
 Analysis Date : 08/11/98  
 Report Issue Date : 08/17/98

Submission Number : 9807000766  
 Lab Number : 71107  
 Project Number : 04400161  
 Project Desc. : Larry David  
 Sample Description : W-1, W-2, W-3 Water Drums

Sample Date : 07/28/98  
 Sample Time : 10:50  
 Sample Type : LIQUID

### 1664, HEM (Total Gravimetric Oil & Grease)

Analyte	Result	Units	PQL	Dil	DLR
Total Gravimetric Oil & Grease by 1664	ND	mg/L	1	1	1

ND : None Detected	PQL : Practical Quantitation Limit	Conversions:
mg/L : Milligrams/Liter = ppm	Dil : Dilution Factor	1 ppm = 1000 ppb
µg/L : Micrograms/Liter = ppb	DLR : Reportable Detection Limit	1 ppb = 0.001 ppm
mg/kg : Milligrams/Kilogram = ppm	derived by (PQL x Dil)	
µg/kg : Micrograms/Kilogram = ppb	Higher limits may result from exceptional sample matrices or interferences	

9807000766- BSK\_P

BSK Log Number: 9807/766.

Requested Analyses

Client Name <i>Larry David</i>	Report Attention: <i>Martin Cline (BSK-P)</i>	Phone #
Address <i>106/110 Hegenberger Road</i>	Project, Quote or PO # <i>04400161</i>	FAX #
City, State, Zip <i>Oakland, CA</i>	Copy to:	System #

LAB use only			Date Sampled	Time Sampled	Sampled by: <i>M. Cline</i>	Sample Description/Location	Comment or Station Code	Composite A	Composite B	Composite C	TPH-G, D	Luft 5 metals	T. Oil/Grease	EPA 8240	EPA 8270	
Sample #	Type	# Cont.														
1	S	1	7/28/98	9:55	S-1	Soil Drums		X	X			7	1	0	99	
2	S	2		9:57	S-3	↓		X				7	1	1	00	
3	S	3		10:00	S-5			X	X			7	1	1	01	
4	S	4		10:02	S-7			X				7	1	1	02	
5	S	5		10:05	S-9				X	X			7	1	1	03
6	S	6		10:35	S-11				X				7	1	1	04
7	S	7		10:40	S-13				X	X			7	1	1	05
9	S	9		10:45	S-15				X				7	1	1	06
10	L	2		10:50	W-1, W-2, W-3		Water Drums						X	X	7	1107
					Composite A								X	X		71372
					Composite B								X	X		71376
					Composite C									X	71377	

Matrix Type: L - Liquid S - Solid G - Gas  
 Type of Hazards Associated with Samples:

Additional Services:  
 Rush Priority:  - 2 Day  - 5 Day  
 - Formal Chain of Custody  - QC Data package

Additional Services Authorized by:

Payment Received with Delivery  
 Date: \_\_\_\_\_ Amount: \$ \_\_\_\_\_  
 Check # \_\_\_\_\_ Initials \_\_\_\_\_  
 Receipt # \_\_\_\_\_

(Signature)

Signature	Print Name	Company	Date	Time
<i>Martin Cline</i>	<i>Martin Cline</i>	<i>BSK-P</i>	<i>7/28/98</i>	<i>13:30</i>
Received / Relinquished by:				
Received / Relinquished by:				
Received / Relinquished by:				
Received at Laboratory by: <i>Sandy Bacon</i>	<i>Sandy Bacon</i>	<i>BSK Lab</i>	<i>7/29/98</i>	<i>9:00</i>



Manifest

TPS Technologies Soil Recycling  
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment: Consultant	Transporter Truck #:	Facility #: 001	Given by TPS: 00446	Load #: 1041
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Generator's Name and Billing Address: Lawrence David 6965 El Camino Real Carlsbad, CA 92009 USA	Generator's Phone #: (760) 431-1523	Generator's US EPA ID No.:
	Person to Contact: Larry David	Customer Account Number with TPS: 420410
	FAX#:	

Consultant's Name and Billing Address: NORTH AMERICAN DIRT SOLUTION 100 CRISTICH LANE SUITE K CAMPBELL, CA 95008 USA	Consultant's Phone #: (408) 368-0440	Customer Account Number with TPS: 1000007
	Person to Contact: TOM NAREY	
	FAX#:	

Generation Site (Transport from): (name & address) No. Amer. Dirt/David Property 106-110 Hegenberger Rd. Carlsbad, CA 92009 USA	Site Phone #: (760) 431-1523	BTEX Levels
	Person to Contact: Martin Cline	TPH Levels
	FAX#:	AVG. Levels

Designated Facility (Transport to): (name & address) TPS TECHNOLOGIES INC. 20 Recycling Lane Richmond, CA 94801 USA	Facility Phone #: 510-235-0770	Facility Permit Numbers
	Person to Contact: Debra Tuchsen	
	FAX#:	

Transporter Name and Mailing Address:	Transporter's Phone #:	Transporter's US EPA ID No.:
	Person to Contact:	Transporter's DOT No.:
	FAX#:	Customer Account Number with TPS:

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>		26160	6160	3100	2860
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>		13300 12860			

List any exception to items listed above: 10.43

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name:	Generator <input type="checkbox"/> Consultant <input type="checkbox"/>	Signature and date:	Month	Day	Year
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Transporter's certification: I/We acknowledge receipt of the soil described above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that this soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Tom Narey	Signature and date: Tom Narey	Month	Day	Year
		10	9	98

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date: Debra Tuchsen 10/9/98
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Generator and/or Consultant

Transporter

Recycling Facility

# NORTH AMERICAN DIRT SOLUTIONS

## NON-HAZARDOUS WASTE IDENTIFICATION

GENERATOR: Lawrence David JOB # 3641  
ADDRESS: 106-110 Hegenberger Rd Oakland CA  
PHONE: (925) 462-4000 CONTACT Marty Clonie

TRANSPORTER: NADS  
ADDRESS: 100 CRISTICH LANE, STE K / CAMPBELL, CA  
PHONE: 408 369-0444 CONTACT: TOM NAREY  
# OF DRUMS: 4 DESCRIPTION:  
BULK QUANTITY: 200 Gallons DESCRIPTION:

I HEREBY CERTIFY THAT THE ABOVE MATERIAL WAS PICKED UP AT THE GENERATOR SITE LISTED ABOVE.

DRIVER SIGNATURE: [Signature] DATE: 11-4-98  
VEHICLE TYPE: 20' Flatbed  
VEHICLE LIC.# 3X 84972 STATE CA

CONSULTANT: BSK  
ADDRESS: 1181 Quarry Lane Pleasanton CA  
PHONE: (925) 462-14000 CONTACT: Marty Clonie

DESTINATION: Alvise Independent Oil  
ADDRESS: 5002 Archer St Alviso  
PHONE: (800) 499-3698 CONTACT: Kirk

RECEIVED BY: [Signature] DATE: 11/6/98