

SCOTT CO.

MECHANICAL CONTRACTORS
1717 Doolittle Drive
P.O. Box 5555
San Leandro, California 94577-0655
(510) 895-2333

Contractors License No. 184480

June 26, 1998

Dublin Toyota/Pontiac
6450 Dublin Court
Dublin, CA 94568

Regarding: Dublin Toyota Tank Removal Project - Closure Report

Gentlemen:

This report is being prepared for Dublin Toyota/Pontiac by Scott Co. of California, contracted by Dublin Toyota/Pontiac Incorporated, for the removal of (2) 2,000-gallon gasoline and (1) 1,000-gallon waste oil underground storage tanks located at the above address.

This report outlines the tank removal procedures and all the subsequent remediatory actions required to clean up contaminated soil and water at the site.

On Wednesday, June 10, 1998, Scott Co. performed the removal of (3) underground storage tanks located 6450 Dublin Court in Dublin, CA. At 10:30am under the supervision of Robert Weston from Alameda County Environmental Health, Hazardous Material Division and Russell Reed of the Dublin Alameda County Fire Department; (3) underground storage tanks were removed, (2) 2,000-gallon steel gasoline and (1) 1,000-gallon steel waste oil tanks. Extreme care was taken during the excavation procedure (to reduce any flammability issues) due to a strong odor of hydrocarbon/gasoline detected from the excavation and stockpiled soil.

The tanks were set at grade and inspected by both County and Fire Department officials. All tanks revealed no signs of exterior corrosion or structural deformities and were approved for loading and transportation to Richmond by ECI Inc. for disposal.

Soil sampling was performed by John Stets of Northstate Environmental who obtained (2) soil samples from the Center West and Center East sides of the excavation. In addition, a 4-point composite of the stockpiled soil was obtained. Due to the presence of water in the excavation, (1) water sample was taken from the South end of the excavation.

The extreme odor of hydrocarbon/gasoline in the excavation area mandated Alameda County and the Fire Department to recommend immediate backfilling of all stockpiled materials due to a perspective fire danger. The area was backfilled, using removed soils and capped with visquene in order to prevent any flammability issues.

On Wednesday, June 17, 1998 the analytical data was received from Northstate Environmental and subsequently faxed to Robert Weston of Alameda County Environmental Health for review.

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The analytical scan included: TPH Gasoline, TPH Diesel, BTEX, MTBE, 5-Metals, PCB's, PNA's, and EPA 8010. The East pit wall sample depicted high levels of TPH Gasoline at 2,000 PPM, TPH Diesel at 720 PPM, TEPH at 260 PPM and BTEX at 5.5 PPM, 28, 69 and 180 PPM respectively.

The West pit wall soil sample depicted much lower levels of contaminants with TPH Gasoline at 83 PPM, TPH Diesel at 32 PPM, TEPH at 230 PPM and BTEX at ND, 1.4 PPM, .58 PPM and 9.4 PPM respectively. All other analyzed constituents from the pit walls revealed either non-detect or no action.

The stockpiled soil revealed TPH Gasoline at 1,300 PPM, TPH Diesel at 920 PPM and TEPH at 410 PPM.

The water sample T1-W detected high levels of TPH Gasoline at 160,000 PPB, MTBE at 52,000 PPB, and BTEX at 6,300 PPB, 2,500 PPB, 12,000 PPB and 20,000 PPB respectively.

Upon reviewing and discussing the analytical data, Robert Weston of Alameda County recommended to over-excavate the tank pit and remove all affected soils. In addition, recommendations were made to pump and purge any ground water in the excavation, and hopefully obtain a clean water sample. All removed soils would be loaded and transported to Bay Area Soils in Richmond, CA, for disposal and thermal de-sorption.

On Thursday, June 18, 1998, Scott Co. performed the ~~over-excavation~~ of the tank pit area, removing all affected soils to ~~the soil water interface at 12 feet below grade~~. Once ground water was reached, water was pumped from the excavation allowing mild re-charge and subsequent pumping before sampling. *Peak clear water - 350 gallons*

A representative from Northstate Environmental obtained ground water samples, one (1) from the East, one (1) from the West and one (1) from the Center of the excavation for a total of three (3) water samples. One (1) soil sample on the South pit wall was also retrieved, upon completion of the over-excavation. A total of ~~92.1 tons of soil was over-excavated and transported to BAS for thermal de-sorption.~~

Soil and water samples were analyzed for TPH Gasoline, BTEX, MTBE, TPH Diesel, TEPH, EPA 8010, EPA 8270, PCB's, PNA's, and 5-Metals. These soil samples were received on Friday, June 26, 1998 and sent to Robert Weston of Alameda County Environmental Health for review.

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SCOTT CO. OF CALIFORNIA

Dublin Toyota/Pontiac – Closure Report

The water samples obtained from the West, East and Center of the excavation (although lower) still revealed high levels of all TPH Gasoline, TPH Diesel, BTEX and MTBE. See attached sample log #98-713 for review.

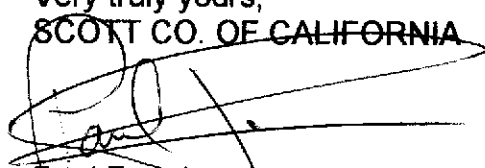
The soil sample obtained on the South pit wall also revealed elevated levels of TPH Gasoline at 1,500 PPM, TPH Diesel at 690 PPM, TEPH at 180 PPM and BTEX at 1.7, 25, 58, and 140 PPM respectively.

Due to the high levels of contamination still remaining in the soil and ground water of the excavation, it is evident that the Alameda local over-site program will require further investigation. At this time it is unclear what recommendation will be made.

Should you require any further information, please do not hesitate to call me at (510) 895-2333, extension 385.

Very truly yours,

SCOTT CO. OF CALIFORNIA

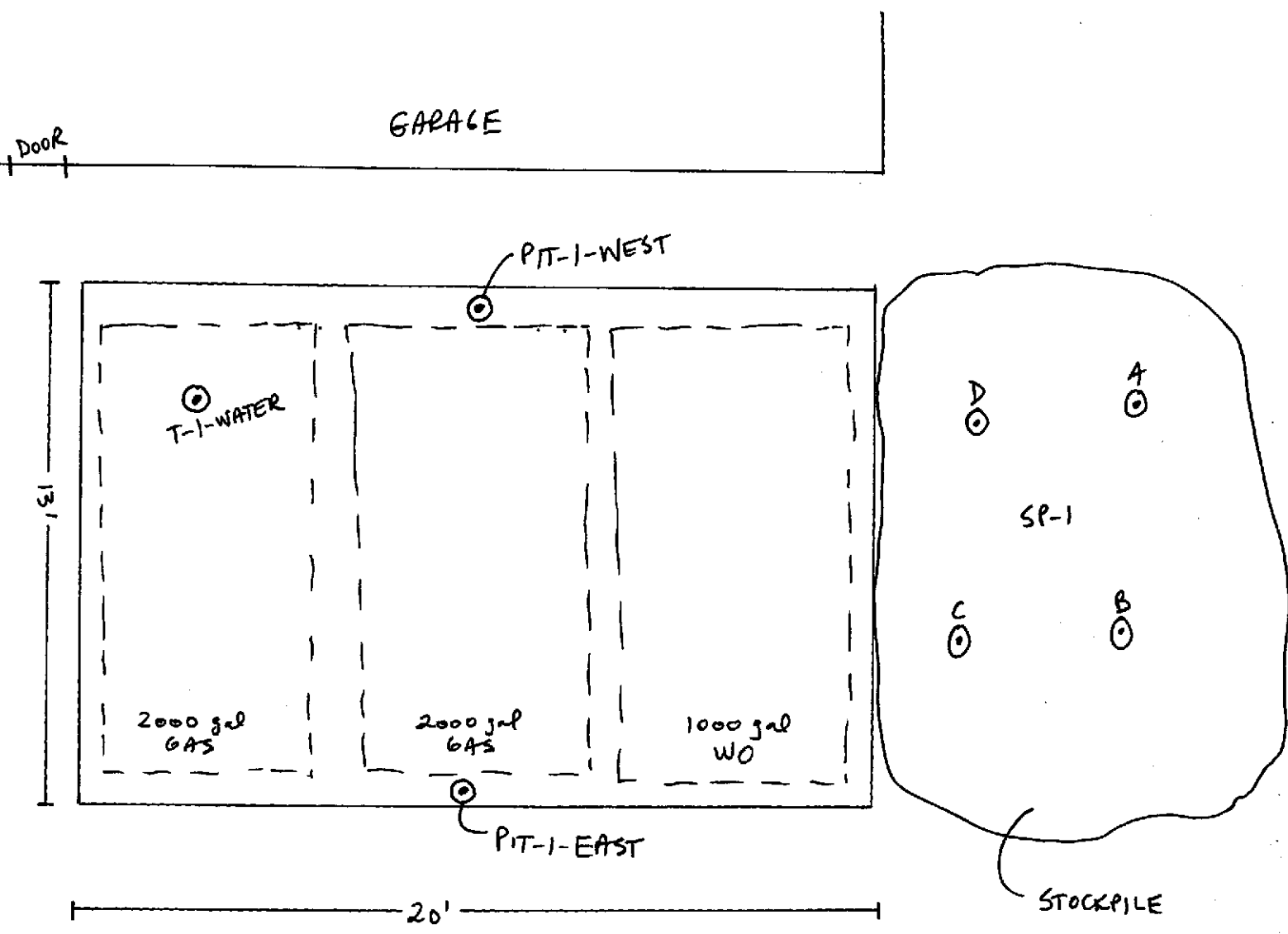


Paul Ferreira

Environmental Project Manager

Results from samples collected at time of
UST removal

~~Removal~~



DUBLIN TOYOTA
6450 DUBLIN COURT
DUBLIN, CA

6/16/98





C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-661
 Client: Scott Company
 Project: PO#51016-57121-70-7001
 6450 Dublin Court, Dublin
 Date Reported: 06/16/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
 Diesel Range Hydrocarbons by Method 8015 M
 Total Extractable Petroleum Hydrocarbons by SM 5520 E & F
 Reactive Cyanide by SW-846 Chapter 7, Section 7.3.3.2
 Reactive Sulfide by SW-846 Chapter 7, Section 7.3.4.2
 pH of soil Wastes by Method 9045
 Flashpoint by Method 1010

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-661-01		Client ID: T-1- W		06/10/98	WATER
Gasoline	8015M	160000	ug/L		06/16/98
Benzene	8020	6300	ug/L		
Ethylbenzene	8020	2500	ug/L		
MTBE	8020	52000	ug/L		
Toluene	8020	12000	ug/L		
Xylenes	8020	20000	ug/L		
Sample: 98-661-02		Client ID: SP-1-A, B, C, D		06/10/98	SOIL COMP.
Flashpoint	1010	ND>200	F		06/16/98
Gasoline	8015M	1300	mg/Kg		06/16/98
Benzene	8020	ND<0.125	mg/Kg		
Ethylbenzene	8020	4.8	mg/Kg		
MTBE	8020	*0.85	mg/Kg		
Toluene	8020	4.6	mg/Kg		
Xylenes	8020	96	mg/Kg		
pH	9040	5.56			06/16/98
Cyanide	CH7, 7.3.3.2	ND			06/16/98
Sulfide	CH7, 7.3.4.2	ND			06/16/98
TEPH	5520F	410	mg/Kg		06/16/98
Diesel	8015M	920	mg/Kg		06/16/98

* Confirmed by GC/MS Method 8260.



North State Environmental
 Chemical Waste Disposal • Trucking • Consulting

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-661
 Client: Scott Company
 Project: PO#51016-57121-70-7001
 6450 Dublin Court, Dublin
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 Reactive Cyanide by SW-846 Chapter 7, Section 7.3.3.2
 Reactive Sulfide by SW-846 Chapter 7, Section 7.3.4.2
 pH of soil Wastes by Method 9045
 Flashpoint by Method 1010

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-661-03		Client ID: PIT-1-EAST		06/10/98	SOIL
Flashpoint	1010	ND>200	F		06/16/98
Gasoline	8015M	2000*	mg/Kg		06/16/98
Benzene	8020	5.5	mg/Kg		
Ethylbenzene	8020	28	mg/Kg		
MTBE	8020	*30	mg/Kg		
Toluene	8020	69	mg/Kg		
Xylenes	8020	180	mg/Kg		
pH	9040	7.10			06/16/98
Cyanide	CH7, 7.3.3.2	ND			06/16/98
Sulfide	CH7, 7.3.4.2	ND			06/16/98
TEPH	5520F	260	mg/Kg		06/16/98
Diesel	8015M	720	mg/Kg		06/16/98
Sample: 98-661-04		Client ID: PIT-1-WEST		06/10/98	SOIL
Flashpoint	1010	ND>200	F		06/16/98
Gasoline	8015M	83	mg/Kg		06/16/98
Benzene	8020	ND<0.02	mg/Kg		
Ethylbenzene	8020	1.4	mg/Kg		
MTBE	8020	*1.0	mg/Kg		
Toluene	8020	0.58	mg/Kg		
Xylenes	8020	9.4	mg/Kg		
pH	9040	6.54			06/16/98

* Confirmed by GC/MS Method 8260



North State Environmental
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C E R T I F I C A T E O F A N A L Y S I S

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Client: Scott Company
Project: PO#51016-57121-70-7001
6450 Dublin Court, Dublin
Date Reported: 06/16/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
Diesel Range Hydrocarbons by Method 8015 M
Total Extractable Petroleum Hydrocarbons by SM 5520 E & F
Reactive Cyanide by SW-846 Chapter 7, Section 7.3.3.2
Reactive Sulfide by SW-846 Chapter 7, Section 7.3.4.2
pH of soil Wastes by Method 9045
Flashpoint by Method 1010

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-661-04	Client ID: PIT-1-WEST			06/10/98	SOIL
Cyanide	CH7, 7.3.3.2	ND			06/16/98
Sulfide	CH7, 7.3.4.2	ND			06/16/98
TEPH	5520F	230	mg/Kg		06/16/98
Diesel	8015M	32	mg/Kg		06/16/98

* Confirmed by GC/MS Method 8260.

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CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 98-661
Client: Scott Company
Project: PO#51016-57121-70-7001
6450 Dublin Court, Dublin
Date Reported: 06/16/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
Diesel Range Hydrocarbons by Method 8015 M
Total Extractable Petroleum Hydrocarbons by SM 5520 E & F
Reactive Cyanide by SW-846 Chapter 7, Section 7.3.3.2
Reactive Sulfide by SW-846 Chapter 7, Section 7.3.4.2
pH of soil Wastes by Method 9045

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
TEPH	5520F	50	mg/Kg	ND	61	7
Gasoline	8015M	0.5	mg/Kg	ND	106	2
Benzene	8020	.005	mg/Kg	ND	97	11
Ethylbenzene	8020	.005	mg/Kg	ND	104	14
Toluene	8020	.005	mg/Kg	ND	102	11
Xylenes	8020	.010	mg/Kg	ND	107	9
MTBE	8020	.005	mg/Kg	ND	98	14
Gasoline	8015M	50	ug/L	ND	116	36
Benzene	8020	0.5	ug/L	ND	85	8
Ethylbenzene	8020	0.5	ug/L	ND	88	1
Toluene	8020	0.5	ug/L	ND	92	7
Xylenes	8020	1.0	ug/L	ND	90	3
MTBE	8020	0.5	ug/L	ND	90	24
Diesel	8015M	1.0	mg/Kg	ND	76	8
Cyanide	CH7, 7.3.3.	20	mg/Kg	ND	7.7	NA
Sulfide	CH7, 7.3.4.	10	mg/Kg	ND	36	NA

ELAP Certificate NO:1753

Reviewed and Approved


John A. Murphy, Laboratory Director



North State Environmental
Chemical Waste Disposal • Trucking • Consulting

C E R T I F I C A T E O F A N A L Y S I S

Job Number: 98-661
Client : Scott Company
Project : PO#51016-57121-70-7001

Date Sampled : 06/10/98
Date Analyzed: 06/15/98
Date Reported: 06/16/98

8010 Volatile Organics by GC/MS Method 8260

Laboratory Number	98-661-02	98-661-03	98-661-04
Client ID	SP-1-A,B,C,D	PIT-1-EAST	PIT-1-WEST
Matrix	SOIL COMP.	SOIL	SOIL
Analyte	ug/Kg	ug/Kg	ug/Kg
Chloromethane	ND<25	ND<25	ND<25
Vinyl Chloride	ND<25	ND<25	ND<25
Bromomethane	ND<25	ND<25	ND<25
Chloroethane	ND<25	ND<25	ND<25
Trichlorofluoromethane	ND<5	ND<5	ND<5
1,1-Dichloroethene	ND<5	ND<5	ND<5
Methylene Chloride	ND<5	ND<5	ND<5
t-1,2-Dichloroethene	ND<5	ND<5	ND<5
1,1-Dichloroethane	ND<5	ND<5	ND<5
c-1,2-Dichloroethene	ND<5	ND<5	ND<5
Chloroform	ND<5	ND<5	ND<5
1,1,1-Trichloroethane	ND<5	ND<5	ND<5
Carbon Tetrachloride	ND<5	ND<5	ND<5
1,2-Dichloroethane	ND<5	ND<5	ND<5
Trichloroethene	ND<5	ND<5	ND<5
Bromodichloromethane	ND<5	ND<5	ND<5
t-1,3-Dichloropropene	ND<5	ND<5	ND<5
c-1,3-Trichloropropene	ND<5	ND<5	ND<5
1,1,2-Trichloroethane	ND<5	ND<5	ND<5
Tetrachloroethene	29	ND<5	ND<5
Dibromobenzene	ND<5	ND<5	ND<5
Chlorobenzene	ND<5	ND<5	ND<5
1,1,2,2-Tetrachloroethane	ND<5	ND<5	ND<5
1,3-Dichlorobenzene	ND<5	ND<5	ND<5
1,4-Dichlorobenzene	ND<5	ND<5	ND<5
1,2-Dichlorobenzene	ND<5	ND<5	ND<5
Trichlorotrifluoroethane	ND<5	ND<5	ND<5
1,2-Dibromoethane	ND<5	ND<5	ND<5
SUR-Dibromofluoromethane	136% Rec	84 % Rec	100% Rec
SUR- Toluene d8	122% Rec	135% Rec	112% Rec
SUR- 4-Bromofluorobenze	125% Rec	78 % Rec	125% Rec



C E R T I F I C A T E O F A N A L Y S I S

Job Number: 98-661
 Client : Scott Company
 Project : PO#51016-57121-70-7001

Date Sampled : 06/10/98
 Date Analyzed: 06/15/98
 Date Reported: 06/16/98

8010 Volatile Organics by GC/MS Method 8260
 Quality Control/Quality Assurance Summary

Laboratory Number	98-661	MS/MSD	RPD
Client ID	Blank	Recovery	
Matrix	SOIL COMP.	SOIL COMP.	
Analyte	Results ug/Kg	%Recoveries	
Chloromethane	ND<25		
Vinyl Chloride	ND<25		
Bromomethane	ND<25		
Chloroethane	ND<25		
Trichlorofluoromethane	ND<5		
1,1-Dichloroethene	ND<5	83	0
Methylene Chloride	ND<5		
t-1,2-Dichloroethene	ND<5		
1,1-Dichloroethane	ND<5		
c-1,2-Dichloroethene	ND<5		
Chloroform	ND<5		
1,1,1-Trichloroethane	ND<5		
Carbon Tetrachloride	ND<5		
1,2-Dichloroethane	ND<5		
Trichloroethene	ND<5	109	0
Bromodichloromethane	ND<5		
t-1,3-Dichloropropene	ND<5		
c-1,3-Trichloropropene	ND<5		
1,1,2-Trichloroethane	ND<5		
Tetrachloroethene	ND<5		
Dibromobenzene	ND<5		
Chlorobenzene	ND<5	121	0
1,1,2,2-Tetrachloroethane	ND<5		
1,3-Dichlorobenzene	ND<5		
1,4-Dichlorobenzene	ND<5		
1,2-Dichlorobenzene	ND<5		
Trichlorotrifluoroethane	ND<5		
1,2-Dibromoethane	ND<5		
SUR-Dibromofluoromethane	105% Rec	108/107	1
SUR- Toluene d8	98 % Rec	99/97	2
SUR- 4-Bromofluorobenze	103% Rec	104/104	0

Reviewed and Approved

John A. Murphy
 Laboratory Director



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

North State Environmental
P.O.Box 5624
South San Francisco, CA 94083

Date: 16-JUN-98
Lab Job Number: 134023
Project ID: N/A
Location: N/A

Reviewed by: Tracy B. B...

Reviewed by: _____

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Curtis & Tompkins, Ltd.

SAMPLE ID: SP-1-A,B,C,D
LAB ID: 134023-001
CLIENT: North State Environmental
MATRIX: Soil

DATE SAMPLED: 06/10/98
DATE RECEIVED: 06/10/98
DATE REPORTED: 06/16/98

Metals Analytical Report

Compound	Result (mg/Kg)	Reporting Limit (mg/Kg)	IDF	QC Batch	Method	Analysis Date
Cadmium	0.36	0.097	1	41450	EPA 6010A	06/15/98
Chromium (total)	8.4	0.48	1	41450	EPA 6010A	06/15/98
Lead	1.6	0.14	1	41450	EPA 6010A	06/15/98
Nickel	9.3	0.97	1	41450	EPA 6010A	06/15/98
Zinc	12	0.97	1	41450	EPA 6010A	06/15/98



Curtis & Tompkins, Ltd.

SAMPLE ID: PIT-1-EAST
LAB ID: 134023-002
CLIENT: North State Environmental
MATRIX: Soil

DATE SAMPLED: 06/10/98
DATE RECEIVED: 06/10/98
DATE REPORTED: 06/16/98

Metals Analytical Report

Compound	Result (mg/Kg)	Reporting Limit (mg/Kg)	IDF	QC Batch	Method	Analysis Date
Cadmium	0.57	0.099	1	41450	EPA 6010A	06/15/98
Chromium (total)	22	0.50	1	41450	EPA 6010A	06/15/98
Lead	4.2	0.15	1	41450	EPA 6010A	06/15/98
Nickel	28	0.99	1	41450	EPA 6010A	06/15/98
Zinc	27	0.99	1	41450	EPA 6010A	06/15/98



Curtis & Tompkins, Ltd.

SAMPLE ID: PIT-1-WEST
LAB ID: 134023-003
CLIENT: North State Environmental
MATRIX: Soil

DATE SAMPLED: 06/10/98
DATE RECEIVED: 06/10/98
DATE REPORTED: 06/16/98

Metals Analytical Report

Compound	Result (mg/Kg)	Reporting Limit (mg/Kg)	IDF	QC Batch	Method	Analysis Date
Cadmium	0.73	0.099	1	41450	EPA 6010A	06/15/98
Chromium (total)	28	0.50	1	41450	EPA 6010A	06/15/98
Lead	5.0	0.15	1	41450	EPA 6010A	06/15/98
Nickel	33	0.99	1	41450	EPA 6010A	06/15/98
Zinc	34	0.99	1	41450	EPA 6010A	06/15/98



Curtis & Tompkins, Ltd.

CLIENT: North State Environmental
JOB NUMBER: 134023

DATE REPORTED: 06/16/98

BATCH QC REPORT
PREP BLANK

Compound	Result	Reporting Limit	Units	IDF	QC Batch	Method	Analysis Date
Cadmium	ND	0.1	mg/Kg	1	41450	EPA 6010A	06/15/98
Chromium (total)	ND	0.5	mg/Kg	1	41450	EPA 6010A	06/15/98
Lead	ND	0.15	mg/Kg	1	41450	EPA 6010A	06/15/98
Nickel	ND	1	mg/Kg	1	41450	EPA 6010A	06/15/98
Zinc	ND	1	mg/Kg	1	41450	EPA 6010A	06/15/98

ND = Not Detected at or above reporting limit



Curtis & Tompkins, Ltd.

CLIENT: North State Environmental
JOB NUMBER: 134023

DATE REPORTED: 06/16/98

BATCH QC REPORT
LABORATORY CONTROL SAMPLE

Compound	Spike Amt	Result	Units	% Rec.	QC Batch	Method	Analysis Date
Cadmium	2.5	2.57	mg/Kg	103	41450	EPA 6010A	06/15/98
Chromium (total)	10	10.05	mg/Kg	101	41450	EPA 6010A	06/15/98
Lead	25	23.2	mg/Kg	93	41450	EPA 6010A	06/15/98
Nickel	25	24.75	mg/Kg	99	41450	EPA 6010A	06/15/98
Zinc	25	24.1	mg/Kg	96	41450	EPA 6010A	06/15/98



Polynuclear Aromatic Hydrocarbons by GC/MS

Client: North State Environmental Analysis Method: EPA 8270B
Prep Method: EPA 3550

Field ID: SP-1-A,B,C,D Sampled: 06/10/98
Lab ID: 134023-001 Received: 06/10/98
Matrix: Soil Extracted: 06/11/98
Batch#: 41411 Analyzed: 06/11/98
Units: ug/Kg
Diln Fac: 1

Analyte	Result	Reporting Limit
Naphthalene	4300	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	61	50
Phenanthrene	120	50
Anthracene	ND	50
Fluoranthene	ND	50
Pyrene	63	50
Benzo (a) anthracene	ND	50
Chrysene	ND	50
Benzo (b, k) fluoranthene	ND	50
Benzo (a) pyrene	ND	50
Indeno (1, 2, 3-cd) pyrene	ND	50
Dibenz (a, h) anthracene	ND	50
Benzo (g, h, i) perylene	ND	50

Surrogate	%Recovery	Recovery Limits
Nitrobenzene-d5	78	32-117
2-Fluorobiphenyl	85	38-121
Terphenyl-d14	81	29-143

Polynuclear Aromatic Hydrocarbons by GC/MS

Client: North State Environmental

Analysis Method: EPA 8270B

Prep Method: EPA 3550

Field ID: PIT-1-EAST

Sampled: 06/10/98

Lab ID: 134023-002

Received: 06/10/98

Matrix: Soil

Extracted: 06/11/98

Batch#: 41411

Analyzed: 06/11/98

Units: ug/Kg

Diln Fac: 1

Analyte	Result	Reporting Limit
Naphthalene	440	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	ND	50
Pyrene	ND	50
Benzo (a) anthracene	ND	50
Chrysene	ND	50
Benzo (b, k) fluoranthene	ND	50
Benzo (a) pyrene	ND	50
Indeno (1, 2, 3-cd) pyrene	ND	50
Dibenz (a, h) anthracene	ND	50
Benzo (g, h, i) perylene	ND	50

Surrogate	%Recovery	Recovery Limits
Nitrobenzene-d5	73	32-117
2-Fluorobiphenyl	78	38-121
Terphenyl-d14	72	29-143



Polynuclear Aromatic Hydrocarbons by GC/MS

Client: North State Environmental

Analysis Method: EPA 8270B

Prep Method: EPA 3550

Field ID: PIT-1-WEST

Sampled: 06/10/98

Lab ID: 134023-003

Received: 06/10/98

Matrix: Soil

Extracted: 06/11/98

Batch#: 41411

Analyzed: 06/11/98

Units: ug/Kg

Diln Fac: 1

Analyte	Result	Reporting Limit
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	ND	50
Pyrene	ND	50
Benzo (a) anthracene	ND	50
Chrysene	ND	50
Benzo (b, k) fluoranthene	ND	50
Benzo (a) pyrene	ND	50
Indeno (1, 2, 3-cd) pyrene	ND	50
Dibenz (a, h) anthracene	ND	50
Benzo (g, h, i) perylene	ND	50

Surrogate	%Recovery	Recovery Limits
Nitrobenzene-d5	81	32-117
2-Fluorobiphenyl	86	38-121
Terphenyl-d14	77	29-143

Lab #: 134023

BATCH QC REPORT



Curtis & Tompkins, Ltd.
Page 1 of 1

Polynuclear Aromatic Hydrocarbons by GC/MS			
Client:	North State Environmental	Analysis Method:	EPA 8270B
		Prep Method:	EPA 3550
METHOD BLANK			
Matrix:	Soil	Prep Date:	06/11/98
Batch#:	41411	Analysis Date:	06/11/98
Units:	ug/Kg		
Diln Fac:	1		

MB Lab ID: QC72599

Analyte	Result	Reporting Limit
Naphthalene	ND	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	ND	50
Pyrene	ND	50
Benzo (a) anthracene	ND	50
Chrysene	ND	50
Benzo (b, k) fluoranthene	ND	50
Benzo (a) pyrene	ND	50
Indeno (1, 2, 3-cd) pyrene	ND	50
Dibenz (a, h) anthracene	ND	50
Benzo (g, h, i) perylene	ND	50
Surrogate	%Rec	Recovery Limits
Nitrobenzene-d5	76	32-117
2-Fluorobiphenyl	80	38-121
Terphenyl-d14	69	29-143

Lab #: 134023

BATCH QC REPORT



Polynuclear Aromatic Hydrocarbons by GC/MS

Client: North State Environmental	Analysis Method: EPA 8270B
	Prep Method: EPA 3550
MATRIX SPIKE/MATRIX SPIKE DUPLICATE	
Field ID: SP-1-A,B,C,D	Sample Date: 06/10/98
Lab ID: 134023-001	Received Date: 06/10/98
Matrix: Soil	Prep Date: 06/11/98
Batch#: 41411	Analysis Date: 06/11/98
Units: ug/Kg	
Diln Fac: 1	

MS Lab ID: QC72601

Analyte	Spike Added	Sample	MS	%Rec #	Limits
Acenaphthene	1667	37.9	1435	84	34-128
Pyrene	1667	63.19	1399	80	21-152
Surrogate	%Rec	Limits			
Nitrobenzene-d5	80	32-117			
2-Fluorobiphenyl	87	38-121			
Terphenyl-d14	87	29-143			

MSD Lab ID: QC72602

Analyte	Spike Added	MSD	%Rec #	Limits	RPD #	Limit
Acenaphthene	1667	1309	76	34-128	9	43
Pyrene	1667	1270	72	21-152	10	50
Surrogate	%Rec	Limits				
Nitrobenzene-d5	75	32-117				
2-Fluorobiphenyl	81	38-121				
Terphenyl-d14	78	29-143				

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

Lab #: 134023

BATCH QC REPORT

Polynuclear Aromatic Hydrocarbons by GC/MS

Client: North State Environmental

Analysis Method: EPA 8270B

Prep Method: EPA 3550

LABORATORY CONTROL SAMPLE

Matrix: Soil

Prep Date: 06/11/98

Batch#: 41411

Analysis Date: 06/11/98

Units: ug/Kg

Diln Fac: 1

LCS Lab ID: QC72600

Analyte	Result	Spike Added	%Rec #	Limits
Acenaphthene	1186	1667	71	26-127
Pyrene	1047	1667	63	23-125
Surrogate	%Rec	Limits		
Nitrobenzene-d5	73	32-117		
2-Fluorobiphenyl	76	38-121		
Terphenyl-d14	66	29-143		

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 2 outside limits



PCBs

Client: North State Environmental

Analysis Method: PCB

Prep Method: EPA 3550

Cleanup Method: EPA acid

Field ID: SP-1-A,B,C,D

Sampled: 06/10/98

Lab ID: 134023-001

Received: 06/10/98

Matrix: Soil

Extracted: 06/15/98

Batch#: 41471

Analyzed: 06/15/98

Units: ug/Kg

Diln Fac: 1

Analyte	Result	Reporting Limit
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%Recovery	Recovery Limits
TCMX	109	20-143
Decachlorobiphenyl	112	43-126

PCBs

Client: North State Environmental

Analysis Method: PCB
Prep Method: EPA 3550
Cleanup Method: EPA acid

Field ID: PIT-1-EAST
Lab ID: 134023-002
Matrix: Soil
Batch#: 41471
Units: ug/Kg
Diln Fac: 1

Sampled: 06/10/98
Received: 06/10/98
Extracted: 06/15/98
Analyzed: 06/15/98

Analyte	Result	Reporting Limit
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%Recovery	Recovery Limits
TCMX	100	20-143
Decachlorobiphenyl	106	43-126



PCBs

Client: North State Environmental

Analysis Method: PCB

Prep Method: EPA 3550

Cleanup Method: EPA acid

Field ID: PIT-1-WEST

Sampled: 06/10/98

Lab ID: 134023-003

Received: 06/10/98

Matrix: Soil

Extracted: 06/15/98

Batch#: 41471

Analyzed: 06/16/98

Units: ug/Kg

Diln Fac: 1

Analyte	Result	Reporting Limit
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%Recovery	Recovery Limits
TCMX	100	20-143
Decachlorobiphenyl	108	43-126

Lab #: 134023

BATCH QC REPORT

Polychlorinated Biphenyls

Client: North State Environmental

Analysis Method: PCB

Prep Method: EPA 3550

Cleanup Method: EPA acid

METHOD BLANK

Matrix: Soil

Prep Date: 06/15/98

Batch#: 41471

Analysis Date: 06/15/98

Units: ug/Kg

Diln Fac: 1

MB Lab ID: QC72803

Analyte	Result	Reporting Limit
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12
Surrogate	%Rec	Recovery Limits
TCMX	107	20-143
Decachlorobiphenyl	120	43-126



Polychlorinated Biphenyls

Client: North State Environmental	Analysis Method: PCB
	Prep Method: EPA 3550
	Cleanup Method: EPA acid

LABORATORY CONTROL SAMPLE

Matrix: Soil	Prep Date: 06/15/98
Batch#: 41471	Analysis Date: 06/15/98
Units: ug/Kg	
Diln Fac: 1	

LCS Lab ID: QC72804

Analyte	Result	Spike Added	%Rec #	Limits
Aroclor-1260	172.7	166.7	104	61-127
Surrogate	%Rec	Limits		
TCMX	115	20-143		
Decachlorobiphenyl	125	43-126		

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 1 outside limits

Polychlorinated Biphenyls

Client: North State Environmental	Analysis Method: PCB
	Prep Method: EPA 3550
	Cleanup Method: EPA acid

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Field ID: PIT-1-EAST	Sample Date: 06/10/98
Lab ID: 134023-002	Received Date: 06/10/98
Matrix: Soil	Prep Date: 06/15/98
Batch#: 41471	Analysis Date: 06/16/98
Units: ug/Kg	
Diln Fac: 1	

MS Lab ID: QC72805

Analyte	Spike Added	Sample	MS	%Rec #	Limits
Aroclor-1260	166.7	<12	154.3	92	18-172
Surrogate	%Rec	Limits			
TCMX	113	20-143			
Decachlorobiphenyl	108	43-126			

MSD Lab ID: QC72806

Analyte	Spike Added	MSD	%Rec #	Limits	RPD #	Limit
Aroclor-1260	166.7	135.8	81	18-172	13	30
Surrogate	%Rec	Limits				
TCMX	103	20-143				
Decachlorobiphenyl	98	43-126				

Column to be used to flag recovery and RPD values with an asterisk
 * Values outside of QC limits
 RPD: 0 out of 1 outside limits
 Spike Recovery: 0 out of 2 outside limits



North State Environmental Analytical Laboratory

Phone: (415) 588-9652 Fax: (415) 588-1950

Chain of Custody / Request for Analysis

Lab Job No.: _____ Page ____ of ____

134023

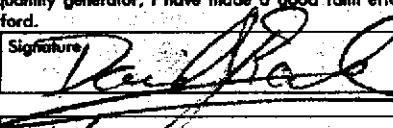

Client: NSE	Report to: John Steffz	Phone:	Turnaround Time 5 days
Mailing Address:	Billing to:	Fax:	
		PO# / Billing Reference: 98-661	Date:
			Sampler:

Project / Site Address:					Analysis Requested							Comments/Hazards
Sample ID	Sample Type	Container No. / Type	Pres.	Sampling Date / Time	S Metals	Cd, Cr, Pb, Ni, Zn	8270-PVAs ONLY	8080-PCBs ONLY				
SP-1-A,B,C,D	Soil	1 gal	-	6/10/98	X	X	X					
PIT-1-EAST	↓	↓	↓	↓	X	X	X					
PIT-1-WEST	↓	↓	↓	↓	X	X	X					

Relinquished by: [Signature]	Date: 6/11/98 Time: 3:00	Received by: [Signature]	Lab Comments
Relinquished by:	Date: Time:	Received by:	
Relinquished by:	Date: Time:	Received by:	

96844311

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA 09 823369437		Manifest Document No. 12 14 15 10		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address Nolan Davis 50 OAK CR. #160		4. Generator's Phone () Davville Ca 94526.		6. US EPA ID Number CA 09 8233694370							
5. Transporter 1 Company Name Trident Truck Line		7. Transporter 2 Company Name		8. US EPA ID Number							
9. Designated Facility Name and Site Address Erickson, Inc. 255 Parr Blvd. Richmond, CA. 94801		10. US EPA ID Number CA 00 09 466392									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity						14. Unit Wt/Vol	
NON-RCRA Hazardous Waste Solid Waste Empty Storage Tank.		0 0 3 T P		0 5 0 0 0						P	
15. Special Handling Instructions and Additional Information Keep away from sources of ignition. Always wear hardhats when working around U.G.S.T.'s 24 Hr. Contact Name. _____ & Phone _____											
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 David J Roche / For Dublin Toyota Operator.		Signature 		Month 06		Day 10		Year 98			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Bob Souza		Signature 		Month 06		Day 10		Year 98			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month		Day		Year			
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											
Signature		Month		Day		Year					

DO NOT WRITE BELOW THIS LINE.

Bay Area Soil

Daily Scale Log

Time In	Truck#	Gross	Tare	Net	Mat#	Tons	Date
732	BA-4	78490	30010	48480	30406	24.24	6/18/98
1045	BA-4	102390	30010	72380	30408	36.19	
1322	BA-4	68530	30010	38520	30405	19.26	
1527	DFT	49630	22580	27050	30407	13.525	
					TOTAL	93.215	

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE
CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 26328

CUSTOMER
JOB NO. 972450
SCOTT COMPANY

FOR: ERICKSON, INC. TANK NO. 22928

LOCATION: RICHMOND, CA DATE: 6/18/98 TIME: 1:51:21 PM

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 2,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE
ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR
PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US
FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Patricia Allen REPRESENTATIVE TITLE *Dave Jato* INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 26329

CUSTOMER
JOB NO. 972450 SCOTT COMPANY

FOR: ERICKSON, INC. TANK NO. 22929

LOCATION: RICHMOND, CA DATE: 6/23/98 TIME: 1:52:39 PM

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UO

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 1,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE
ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR
PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US
FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Francis Collier
REPRESENTATIVE

TITLE

Dave Jato
INSPECTOR

DAY OR NIGHT
TELEPHONE
(510) 235-1393

CERTIFICATE CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 26330

CUSTOMER
JOB NO. 972450
SCOTT COMPANY

FOR: ERICKSON, INC. TANK NO. 22930

LOCATION: RICHMOND, CA DATE: 6/23/98 TIME: 1:54:46 PM

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT UG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 2,000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ERICKSON, INC. HERBY CERTIFIES THAT THE
ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR
PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON, INC. HAS THE APROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US
FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

Latrice Cullen
REPRESENTATIVE

TITLE

Dave Jato
INSPECTOR

Over EX



North State Environmental
Chemical Waste Disposal • Trucking • Consulting

FAX

Date 6/26/98

Number of pages including cover sheet- 10

TO: PAUL FERREIRA
SCOTT CO.

FROM: John Stetz
North State Environmental
P.O. Box 5624
South San Francisco, CA 94083

Phone

Fax Phone 510-895-8426

Phone 650.266.4583

Fax Phone 650.588.1950

REMARKS: Urgent For your review Reply ASAP Please Comment

Paul -

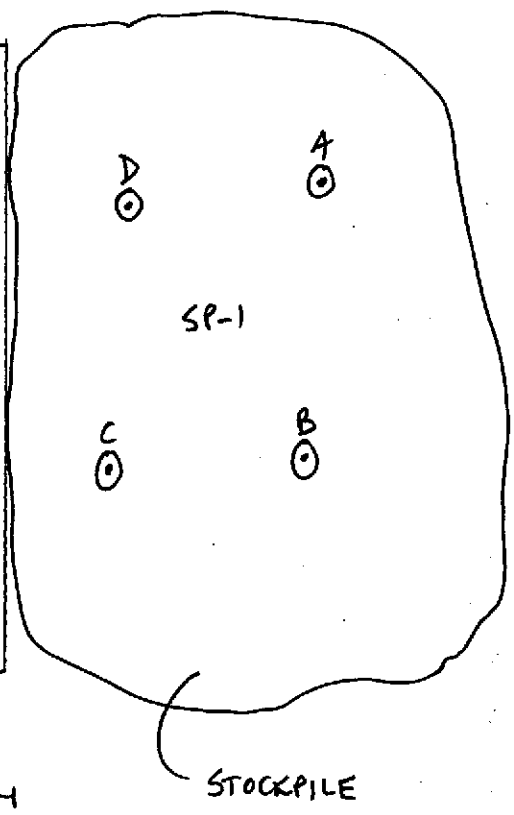
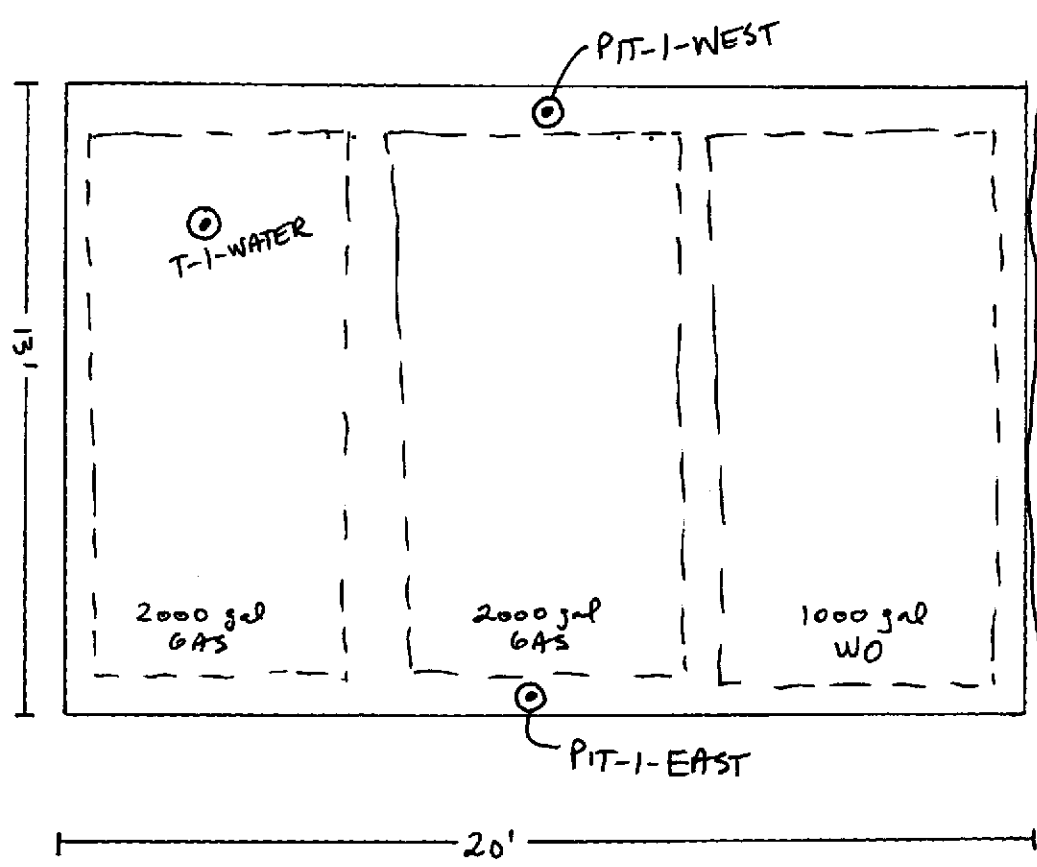
Attached is the analytical for Dublin Toyota.
The PNAS + PCBs will be ready this afternoon.

thanks,

John

DOOR

GARAGE



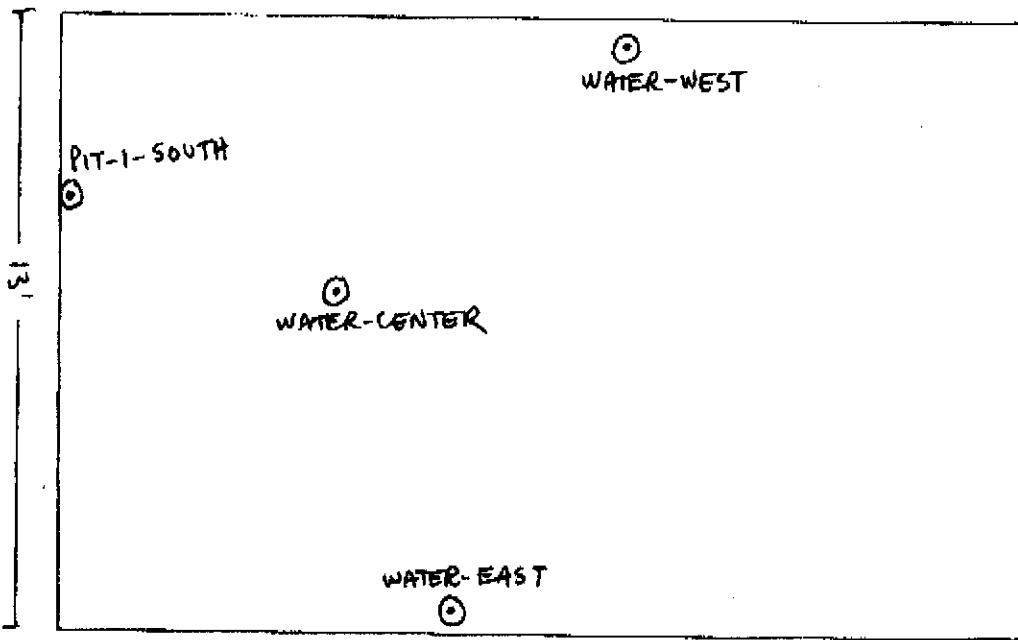
DUBLIN TOYOTA
 6450 DUBLIN COURT
 DUBLIN, CA

6/16/98



DOOR

GARAGE



20'

DUBLIN TOYOTA
6450 DUBLIN COURT
6/18/98





North State Environmental
Chemical Waste Disposal • Trucking • Consulting

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-713
Client: Scott Company
Project: PO#51016-57121-70-7001
6450 Dublin Court, Dublin
Date Reported: 06/25/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
Diesel Range Hydrocarbons by Method 8015M
Total Extractable Petroleum Hydrocarbons by SM 5520 R&F
Total Cd, Cr, Ni, Pb, Zn by AA Spectroscopy

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-713-01		Client ID: WATER-EAST		06/18/98	WATER
Gasoline	8015M	61000	ug/L		06/23/98
Benzene	8020	2700	ug/L		
Ethylbenzene	8020	2700	ug/L		
MTBE	8020	120000*	ug/L		
Toluene	8020	13000	ug/L		
Xylenes	8020	14000	ug/L		
Sample: 98-713-02		Client ID: WATER-WEST		06/18/98	WATER
Gasoline	8015M	46000	ug/L		06/23/98
Benzene	8020	1300	ug/L		
Ethylbenzene	8020	2200	ug/L		
MTBE	8020	16000	ug/L		
Toluene	8020	5200	ug/L		
Xylenes	8020	14000	ug/L		
Sample: 98-713-03		Client ID: WATER-CENTER		06/18/98	WATER
Cadmium	7130	ND			06/25/98
Chromium	7190	0.07	mg/L		
Lead	7420	0.05	mg/L		
Nickel	7520	0.20	mg/L		
Zinc	7950	0.20	mg/L		
Gasoline	8015M	90000	ug/L		06/23/98

*Confirmed by GC/MS method 8260.

Page 1



North State Environmental
Chemical Waste Disposal • Trucking • Consulting

C E R T I F I C A T E O F A N A L Y S I S

Lab Number: 98-713
Client: Scott Company
Project: PO#51016-57121-70-7001
6450 Dublin Court, Dublin
Date Reported: 06/25/98

Gasoline, BTEX and MTBE by Methods 8015M and 8020
Diesel Range Hydrocarbons by Method 8015M
Total Extractable Petroleum Hydrocarbons by SM 5520 E&F
Total Cd, Cr, Ni, Pb, Zn by AA Spectroscopy

Analyte	Method	Result	Unit	Date Sampled	Date Analyzed
Sample: 98-713-03	Client ID: WATER-CENTER			06/18/98	WATER
Benzene	8020	4100	ug/L		
Ethylbenzene	8020	2300	ug/L		
MTBE	8020	*39000	ug/L		
Toluene	8020	9900	ug/L		
Xylenes	8020	16000	ug/L		
TEPH	5520F	7	mg/L		06/24/98
Diesel	8015M	48	mg/L		06/23/98
Sample: 98-713-04	Client ID: PIT-1-SOUTH			06/18/98	SOIL
Cadmium	7130	ND			06/25/98
Chromium	7190	27	mg/Kg		
Lead	7420	11	mg/Kg		
Nickel	7520	39	mg/Kg		
Zinc	7950	41	mg/Kg		
Gasoline	8015M	1500	mg/Kg		06/23/98
Benzene	8020	1.7	mg/Kg		
Ethylbenzene	8020	25	mg/Kg		
MTBE	8020	*6.8	mg/Kg		
Toluene	8020	58	mg/Kg		
Xylenes	8020	140	mg/Kg		
TEPH	5520F	180	mg/Kg		06/24/98
Diesel	8015M	690	mg/Kg		06/23/98

*Confirmed by GC/MS method 8260.

Page 2



North State Environmental
Chemical Waste Disposal • Trucking • Consulting

CERTIFICATE OF ANALYSIS

Quality Control/Quality Assurance

Lab Number: 98-713
Client: Scott Company
Project: PO#51016-57121-70-7001
6450 Dublin Court, Dublin
Date Reported:06/25/98

Analyte	Method	Reporting Limit	Unit	Blank	MS/MSD Recovery	RPD
Gasoline	8015M	0.5	mg/Kg	ND	103	4
Benzene	8020	.005	mg/Kg	ND	106	13
Ethylbenzene	8020	.005	mg/Kg	ND	108	15
Toluene	8020	.005	mg/Kg	ND	105	13
Xylenes	8020	.010	mg/Kg	ND	110	11
MTBE	8020	.005	mg/Kg	ND	93	15
Gasoline	8015M	50	ug/L	ND	85	25
Benzene	8020	0.5	ug/L	ND	96	13
Ethylbenzene	8020	0.5	ug/L	ND	95	17
Toluene	8020	0.5	ug/L	ND	95	15
Xylenes	8020	1.0	ug/L	ND	93	13
MTBE	8020	0.5	ug/L	ND	81	8
Cadmium	7130	1.0	mg/Kg	ND	105/106	1
Chromium	7190	1.0	mg/Kg	ND	80/78	2
Lead	7420	1.0	mg/Kg	ND	105/102	3
Nickel	7520	1.0	mg/Kg	ND	105/103	3
Zinc	7950	1.0	mg/Kg	ND	137/112	20
Cadmium	7130	0.05	mg/L	ND	110/109	1
Chromium	7190	0.05	mg/L	ND	108/117	8
Lead	7420	0.05	mg/L	ND	98/98	1
Nickel	7520	0.05	mg/L	ND	97/100	3
Zinc	7950	0.05	mg/L	ND	103/107	4
TEPH	5520F	50	mg/Kg	ND	68	17
TEPH	5520F	5	mg/L	ND	68	17
Diesel	8015M	1.0	mg/Kg	ND	83	2
Diesel	8015M	0.05	mg/L	ND	83	2

ELAP Certificate NO:1753

Reviewed and Approved

John A. Murphy, Laboratory Director

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North State Environmental
Chemical Waste Disposal - Trucking - Consulting

C E R T I F I C A T E O F A N A L Y S I S

Job Number: 98-713
Client : Scott Company
Project : PO#51016-57121-70-7001

Date Sampled : 06/18/98
Date Analyzed: 06/23/98
Date Reported: 06/25/98

8010 Volatile Organics by GC/MS Method 8260

Laboratory Number 98 713 03
Client ID WATER-CENTER
Matrix WATER

Analyte ug/L

Chloromethane	ND<5
Vinyl Chloride	ND<5
Bromomethane	ND<5
Chloroethane	ND<5
Trichlorofluoromethane	ND<1
1,1-Dichloroethene	ND<1
Methylene Chloride	ND<1
t-1,2-Dichloroethene	ND<1
1,1-Dichloroethane	ND<1
c-1,2-Dichloroethene	ND<1
Chloroform	ND<1
1,1,1-Trichloroethane	ND<1
Carbon Tetrachloride	ND<1
1,2-Dichloroethane	ND<1
Trichloroethene	ND<1
Bromodichloromethane	ND<1
t-1,3-Dichloropropene	ND<1
c-1,3-Trichloropropene	ND<1
1,1,2-Trichloroethane	ND<1
Tetrachloroethene	ND<1
Dibromobenzene	ND<1
Chlorobenzene	ND<1
1,1,2,2-Tetrachloroethane	ND<1
1,3-Dichlorobenzene	ND<1
1,4-Dichlorobenzene	ND<1
1,2-Dichlorobenzene	ND<1
Trichlorotrifluoroethane	ND<1
1,2-Dibromoethane	ND<1
SUR-Dibromofluoromethane	113% Rec
SUR-Toluene d8	117% Rec
SUR-4-Bromofluorobenzene	120% Rec



North State Environmental
 Chemical Waste Disposal - Trucking - Consulting

C E R T I F I C A T E O F A N A L Y S I S

Job Number: 98-713
 Client : Scott Company
 Project : PO#51016-57121-70-7001

Date Sampled : 06/18/98
 Date Analyzed: 06/23/98
 Date Reported: 06/25/98

8010 Volatile Organics by GC/MS Method 8260
 Quality Control/Quality Assurance Summary

Laboratory Number	98-713	MS/MSD	RPD
Client ID	Blank	Recovery	
Matrix	WATER	WATER	
Analyte	Results ug/l.	Recoveries	
Chloroethane	ND<5		
Vinyl Chloride	ND<5		
Bromomethane	ND<5		
Chloroethane	ND<5		
Trichlorofluoromethane	ND<1		
1,1-Dichloroethene	ND<1	148	9
Methylene Chloride	ND<1		
c-1,2-Dichloroethene	ND<1		
1,1-Dichloroethane	ND<1		
c-1,2-Dichloroethene	ND<1		
Chloroform	ND<1		
1,1,1-Trichloroethane	ND<1		
Carbon Tetrachloride	ND<1		
1,2-Dichloroethene	ND<1		
Trichloroethene	ND<1	104	11
Bromodichloromethane	ND<1		
t-1,3-Dichloropropene	ND<1		
c-1,3-Trichloropropene	ND<1		
1,1,2-Trichloroethane	ND<1		
Tetrachloroethene	ND<1		
Dibromobenzene	ND<1		
Chlorobenzene	ND<1	109	9
1,1,2,2-Tetrachloroethane	ND<1		
1,3-Dichlorobenzene	ND<1		
1,4-Dichlorobenzene	ND<1		
1,2-Dichlorobenzene	ND<1		
Trichlorotrifluoroethane	ND<1		
1,2-Dibromoethane	ND<1		
SUR-Dibromofluoromethane	119% Rec	114/119	4
SUR-Toluene d8	112% Rec	105/112	7
SUR-4-Bromofluorobenzene	112% Rec	114/118	3

Reviewed and Approved

John A. Murphy
 Laboratory Director



North State Environmental
Chemical Waste Disposal • Trucking • Consulting

C E R T I F I C A T E O F A N A L Y S I S

Job Number: 98-713
Client : Scott Company
Project : PO#51016-57121-70-7001

Date Sampled : 06/18/98
Date Analyzed: 06/23/98
Date Reported: 06/25/98

8010 Volatile Organics by GC/MS Method 8260

Laboratory Number 98-713-04
Client ID PIT-1 SOUTH
Matrix SOIL

Analyte	ug/Kg
Chloromethane	ND<25
Vinyl Chloride	ND<25
Bromomethane	ND<25
Chloroethane	ND<25
Trichlorofluoromethane	ND<5
1,1-Dichloroethene	ND<5
Methylene Chloride	ND<5
t-1,2-Dichloroethene	ND<5
1,1-Dichloroethane	ND<5
c-1,2-Dichloroethene	ND<5
Chloroform	ND<5
1,1,1-Trichloroethane	ND<5
Carbon Tetrachloride	ND<5
1,2-Dichloroethane	ND<5
Trichloroethene	ND<5
Bromodichloromethane	ND<5
t-1,3-Dichloropropene	ND<5
c-1,3-Trichloropropene	ND<5
1,1,2-Trichloroethane	ND<5
Tetrachloroethene	ND<5
Dibromobenzene	ND<5
Chlorobenzene	ND<5
1,1,2,2-Tetrachloroethane	ND<5
1,3-Dichlorobenzene	ND<5
1,4-Dichlorobenzene	ND<5
1,2-Dichlorobenzene	ND<5
Trichlorotrifluoroethane	ND<5
1,2-Dibromoethane	ND<5
SUR-Dibromofluoromethane	116% Rec
SUR-Toluene d8	113% Rec
SUR-4-Bromofluorobenze	125% Rec



North State Environmental
 Chemical Waste Disposal • Trucking • Consulting

C E R T I F I C A T E O F A N A L Y S I S

Job Number: 98-713
 Client : Scott Company
 Project : PO#51016-57121-70-7001

Date Sampled : 06/18/98
 Date Analyzed: 06/23/98
 Date Reported: 06/25/98

8010 Volatile Organics by GC/MS Method 8260
 Quality Control/Quality Assurance Summary

Laboratory Number	98-713	MS/MSD	RPD
Client ID	Blank	Recovery	
Matrix	SOIL	SOIL	
Analyte	Results ug/Kg	%Recoveries	
Chloromethane	ND<5		
Vinyl Chloride	ND<25		
Bromomethane	ND<25		
Chloroethane	ND<25		
Trichlorofluoromethane	ND<5		
1,1-Dichloroethene	ND<5	148	9
Methylene Chloride	ND<5		
n-1,2-Dichloroethene	ND<5		
1,1-Dichloroethane	ND<5		
c-1,2-Dichloroethene	ND<5		
Chloroform	ND<5		
1,1,1-Trichloroethane	ND<5		
Carbon Tetrachloride	ND<5		
1,2-Dichloroethane	ND<5		
Trichloroethene	ND<5	104	11
Bromodichloromethane	ND<5		
n-1,3-Dichloropropene	ND<5		
c-1,3-Trichloropropene	ND<5		
1,1,2-Trichloroethane	ND<5		
Tetrachloroethene	ND<5		
Dibromobenzene	ND<5		
Chlorobenzene	ND<5	109	9
1,1,2,2-Tetrachloroethane	ND<5		
1,3-Dichlorobenzene	ND<5		
1,4-Dichlorobenzene	ND<5		
1,2-Dichlorobenzene	ND<5		
Trichlorotrifluoroethane	ND<5		
1,2-Dibromoethane	ND<5		
SUR-Dibromofluoromethane	119% Rec	114/119	4
SUR- Toluene d8	112% Rec	105/112	7
SUR- 4-Bromofluorobenzene	112% Rec	114/118	3

Reviewed and Approved

John A. Murphy
 Laboratory Director



North State Environmental Analytical Laboratory

Phone: (415) 588-9652 Fax: (415) 588-1950

98-661

Chain of Custody / Request for Analysis

Lab Job No.: _____ Page ____ of ____

Client: <i>Scott Co</i>	Report to: <i>Paul Ferreira</i>	Phone: <i>510-895-2333</i>	Turnaround Time <i>Std</i>
Mailing Address: <i>Tank Removal of RCI For Soil Disposal</i>	Billing to:	Fax: <i>510-895-8426</i>	
		PO# / Billing Reference: <i>51016-57121-70-7001</i>	Date: <i>6/10/98</i>
			Sampler: <i>J. Stetz</i>

Project / Site Address: <i>6450 Dublin Ct, Dublin</i>		Analysis Requested											Comments/Hazards
Sample ID	Sample Type	Container No. / Type	Pres.	Sampling Date / Time	<i>GAS/STEX/MTBE</i>	<i>TPH-Diesel</i>	<i>Luft's Metals</i>	<i>TEPH</i>	<i>EPA 8010 HVOCs</i>	<i>PNAS-8270</i>	<i>PBS-9080</i>	<i>RCI-48hr</i>	
<i>1 T-1-W</i>	<i>water</i>	<i>3 vials</i>	<i>HCl</i>	<i>6/10/98 11:00</i>	<i>X</i>								
<i>2 SP-1-A,B,C,D</i>	<i>soil</i>	<i>4 BT</i>	<i>-</i>	<i>11:25</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>COMPOSITE</i>
<i>3 PIT-1-EAST</i>	<i>↓</i>	<i>1 BT</i>	<i>↓</i>	<i>1:15</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>4 PIT-1-WEST</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>1:30</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	

Relinquished by: <i>[Signature]</i>	Date: <i>6/10/98</i> Time: <i>2:55</i>	Received by: <i>[Signature]</i>	Lab Comments
Relinquished by:	Date: _____ Time: _____	Received by:	
Relinquished by:	Date: _____ Time: _____	Received by:	

Need



Curtis & Tompkins Ltd
Page 1 of 1

Polynuclear Aromatic Hydrocarbons by GC/MS

Client: North State Environmental	Analysis Method: EPA 8270B
	Prep Method: EPA 3520
Field ID: WATER-CENTER	Sampled: 06/18/98
Lab ID: 134143-001	Received: 06/19/98
Matrix: Water	Extracted: 06/22/98
Batch#: 41603	Analyzed: 06/24/98
Units: ug/l*	
Diln Fac: 4	

Analyte	Result	Reporting Limit
Naphthalene	570	38
Acenaphthylene	ND	38
Acenaphthene	ND	38
Fluorene	ND	38
Phenanthrene	ND	38
Anthracene	ND	38
Fluoranthene	ND	38
Pyrene	ND	38
Benzo (a) anthracene	ND	38
Chrysene	ND	38
Benzo (b, k) fluoranthene	ND	38
Benzo (a) pyrene	ND	38
Indeno (1, 2, 3-cd) pyrene	ND	38
Dibenz (a, h) anthracene	ND	38
Benzo (g, h, i) perylene	ND	38

Surrogate	Recovery	Recovery Limits
Nitrobenzene-d5	82	36-115
2-Fluorobiphenyl	60	36-113
Terphenyl-d14	19	17-115

Curtis & Tompkins, Inc.
Page 1 of 1

Polynuclear Aromatic Hydrocarbons by GC/MS

Client: North State Environmental	Analysis Method: EPA 8270B
	Prep Method: EPA 3550
Field ID: PIT-1-SC07H	Sampled: 06/18/98
Lab ID: 139143-002	Received: 06/19/98
Matrix: Soil	Extracted: 06/22/98
Batch#: 41586	Analyzed: 06/22/98
Units: ug/Kg	
Diln Fac: 1	

Analyte	Result	Reporting Limit
Naphthalene	2700	50
Acenaphthylene	ND	50
Acenaphthene	ND	50
Fluorene	ND	50
Phenanthrene	ND	50
Anthracene	ND	50
Fluoranthene	ND	50
Pyrene	ND	50
Benzo (a) anthracene	ND	50
Chrysene	ND	50
Benzo (b, k) fluoranthene	ND	50
Benzo (a) pyrene	ND	50
Indeno (1, 2, 3-cd) pyrene	ND	50
Dibenz (a, h) anthracene	ND	50
Benzo (g, h, i) perylene	ND	50

Surrogate	%Recovery	Recovery Limits
Nitrobenzene-d5	89	32-117
2-Fluorobiphenyl	92	38-121
Terphenyl-d14	88	29-143



Curtis & Tompkins, Ltd.
Page 1 of 1

PCBs		
Client: North State Environmental	Analysis Method: PCB	
	Prep Method: EPA 3520	
Field ID: WATER-CENTER	Sampled:	06/18/98
Lab ID: 134143-001	Received:	06/19/98
Matrix: Water	Extracted:	06/24/98
Batch#: 41643	Analyzed:	06/29/98
Units: ug/L		
Diln Fac: 1		
Analyte	Result	Reporting Limit
Aroclor-1016	ND	0.47
Aroclor-1221	ND	0.94
Aroclor-1232	ND	0.47
Aroclor-1242	ND	0.47
Aroclor-1248	ND	0.47
Aroclor-1254	ND	0.47
Aroclor-1260	ND	0.47
Surrogate	Recovery	Recovery Limits
TCMX	38	19-130
Decachlorobiphenyl	26	22-110



Curtis & Tompkins, Ltd.
Page 1 of 1

PCBs		
Client: North State Environmental	Analysis Method: PCB	
	Prep Method: EPA 3550	
	Cleanup Method: EPA acid	
Field ID: PIT-1-SOUTH	Sampled: 06/18/98	
Lab ID: 134143-002	Received: 06/19/98	
Matrix: Soil	Extracted: 06/24/98	
Batch#: 41622	Analyzed: 06/30/98	
Units: ug/Kg		
Diln Fac: 1		
Analyte	Result	Reporting Limit
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12
Surrogate	Recovery	Recovery Limits
TCMX	65	20-143
Decachlorobiphenyl	70	43-126



North State Environmental Analytical Laboratory

Phone: (415) 588-9652 Fax: (415) 588-1950

Chain of Custody / Request for Analysis
Lab Job No.: _____ Page _____ of _____

98-713

Client: <i>Scott Company</i>	Report to: <i>Paul Ferreira</i>	Phone:	Turnaround Time <i>Std</i>
Mailing Address:	Billing to:	Fax:	
		PO# / Billing Reference: <i>51016-57121-70-7001</i>	Date: <i>6/18/98</i>
		Sampler: <i>J. Stetz</i>	

Project / Site Address:					Analysis Requested								Comments/Hazards
Sample ID	Sample Type	Container No. / Type	Pres.	Sampling Date / Time	GAS/BTEX/MTBE	Diesel	TEPH	EPA 8210 H-VOC	EPA 8270 PNAs	EPA 8060 PCBs	LUFT 5 Metals		
1 WATER - EAST	Water	2 Jugs	HCl	6/18/98 1:15	X								
2 WATER - WEST	↓	↓	↓	↓ 1:35	X								
3 WATER - CENTER	↓	4 Jugs 4rods 1pe		↓ 3:05	X	X	X	X	X	X	X		
4 PIT-1-SOUTH	Soil	1 BT	-	↓ 3:30	X	X	X	X	X	X	X		

Relinquished by: <i>JRM/AT</i>	Date: <i>6/18/98</i> Time: <i>4:40 PM</i>	Received by: <i>[Signature]</i>	Lab Comments
Relinquished by:	Date: _____ Time: _____	Received by:	
Relinquished by:	Date: _____ Time: _____	Received by:	

Jun-26-98 12:32P