



August 12, 1992

Project 128-6

Mr. Jim Brinker
Burnabe & Brinker
1281 30th Street
Oakland, CA 94608

Subject: Underground Tank Removal Soil Sampling and Analysis Report

Dear Mr. Brinker:

This letter is a report concerning the soil sampling and analysis associated with the underground tank removals from Douglas Parking, 1721 Webster Street, Oakland, California on August 3rd and August 6th, 1992.

One 1,000 gallon gasoline steel tank was removed from the property on August 3, 1992. No holes were observed on the tank. Two soil samples were collected from the beneath the former tank location, and six soil samples were collected from beneath the gas lines and pump area. For the samples from underneath the tanks, a backhoe was used to dig approximately one foot into the native soil for a total depth of 9 feet below ground surface. Digging was difficult due to sumping sidewalls, and water in the excavation bottom. The water in the excavation was from a broken sewer line and broken water line.

The native soil was brought to the surface in the backhoe bucket, where a 2 inch diameter 6 inch long brass sample tube was hammered into the undisturbed soil. Aluminum foil was placed over the tube ends, then plastic caps. Each sample was labeled and placed in a zip lock bag on ice in a portable cooler for transport to a State certified hazardous materials analysis laboratory, McCampbell Analytical, Pacheco, CA. Sample locations are shown in the attached site drawing. Sample information was entered on a chain of custody form (attached) as each sample was completed.

The samples from beneath the gas pumps were two feet from the surface, and the product line samples were 1.5 to 2.0 feet beneath the surface. These samples were obtained by hand augering to the appropriate depth, and then using a slide hammer to drive the sample tube into the soil. Each tube was wrapped, labeled and transported as described above.

Recycled Paper

Mr. Jim Brinker
August 12, 1992
Page 2

Due to unstable excavation walls by the 1,000 gallon tank, the hole was backfilled after the tank samples were obtained. No over-excavation of contaminated soil was accomplished.

The two 500 gallon tanks were removed on August 6, 1992. Three samples were taken from beneath the tanks (T-3, T-4, T-5), two from the excavation bottom after over-excavation (T-6, T-7), and four from the excavation side walls (SW-1 through SW4). One composite sample was taken from the soil stockpile.

None of the tanks had visible holes other than holes punched through the steel by the backhoe during removal.

The samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) and the gasoline constituents of benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA methods 5030, 8015 and 8020, and California RWQCB (SF Bay Region) method GCFID (5030). Analysis results show all samples collected from the tank excavation had detectable of gasoline and its constituents, with the highest amounts from beneath the middle tank. Samples from the gas lines and pumps had minimal or non-detectable amounts of gasoline.

We are forwarding a copy of this report and attachments to Alameda County, Oakland City Fire Department and Mr. Lee Douglas as you requested.

Sincerely,
PARKER ENVIRONMENTAL SERVICES



James D. Parker
President

Attachments

cc: /Alameda County Health Services, Environmental Health Division
City of Oakland Fire Department
Mr. Lee Douglas, Douglas Parking

Douglas Parking
 1721 Webster Street, Oakland, California
 Soil Sample Analysis Results*
 Samples Collected on August 3 and 6, 1992

| Sample Number | Depth | TPH-g | Benzene | Toluene | Ethylbenzene | Xylenes |
|---------------|-------|-------|---------|---------|--------------|---------|
|---------------|-------|-------|---------|---------|--------------|---------|

Samples From Beneath the Tanks

| | | | | | | |
|-----|-----|---------|------|------|-------|------|
| T-1 | 9' | 150 ✓ | 2.2 | 2.9 | 1.8 | 13 |
| T-2 | 9' | 120 ✓ | 0.62 | 0.56 | 0.87 | 2.2 |
| T-3 | 8' | 580 ✓ | 1.7 | 5.9 | 5.6 | 43 |
| T-4 | 8' | 1,500 ✓ | 11 | 140 | 48 | 280 |
| T-5 | 8' | 410 ✓ | 6.7 | 22 | 6.2 | 35 |
| T-6 | 12' | 1,400 ✓ | 12 | 71 | 29 | 150 |
| T-7 | 14' | 2.3 ✓ | 0.11 | 0.19 | 0.050 | 0.31 |

Samples from the south excavation side walls

| | | | | | | |
|-----|------|---------|------|-------|-------|------|
| SW1 | 9.5' | 280 ✓ | 2.9 | 5.8 | 3.2 | 15 |
| SW2 | 7' | 1,500 ✓ | 5.7 | 40 | 18 | 150 |
| SW3 | 8' | 400 ✓ | 2.7 | 5.8 | 4.0 | 21 |
| SW4 | 9' | 2.3 ✓ | 0.42 | 0.028 | 0.077 | 0.18 |

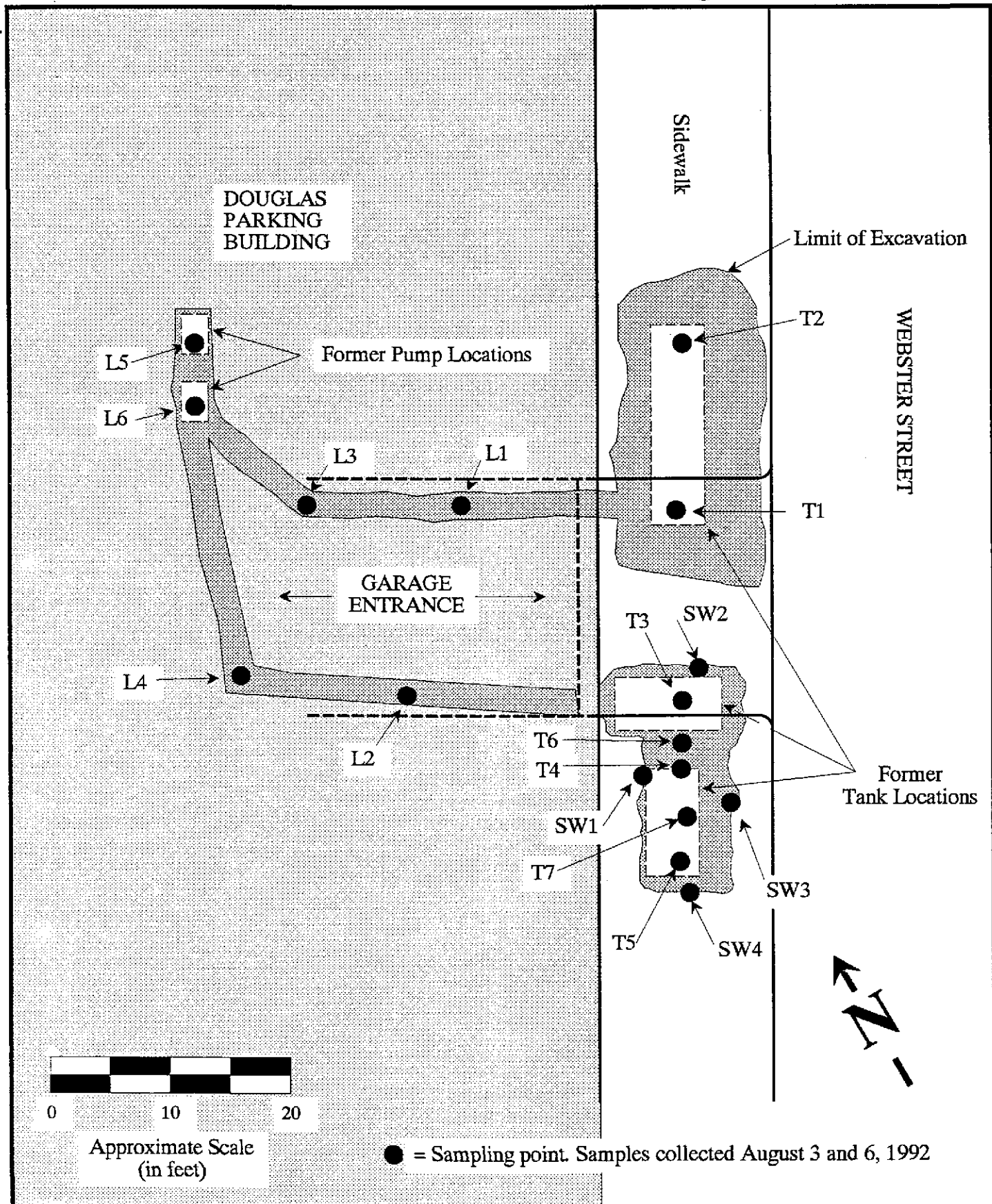
Composited Sample from the soil pile

| | | | | | | |
|----|------|-------|--------|-----|-----|----|
| C1 | 1.5' | 560 ✓ | ND<0.1 | 5.0 | 3.1 | 24 |
|----|------|-------|--------|-----|-----|----|

Samples from the line and pump trenches

| | | | | | | |
|-----|------|-------|-------|-------|-------|-------|
| L-1 | 1.5' | 2.6 ✓ | ND | 0.010 | ND | 0.030 |
| L-2 | 1.5' | ND ✓ | ND | ND | ND | ND |
| L-3 | 1.5' | ND ✓ | ND | ND | ND | ND |
| L-4 | 1.5' | ND ✓ | ND | ND | ND | ND |
| L-5 | 2.0' | 8.2 ✓ | 0.010 | 0.020 | 0.012 | 0.092 |
| L-6 | 2.0' | ND ✓ | ND | 0.007 | ND | 0.034 |

* TPH (as gasoline) and BTEX are in parts per million. ND = Not Detected



PARKER
 Environmental
 Services

Project 128-6

4185 Rialto Court
 Pittsburg, CA 94565
 (510) 439-1024

DOUGLAS PARKING
 1721 Webster Street, Oakland, California
 Tank Removal Soil Sampling

8/92

PARKER

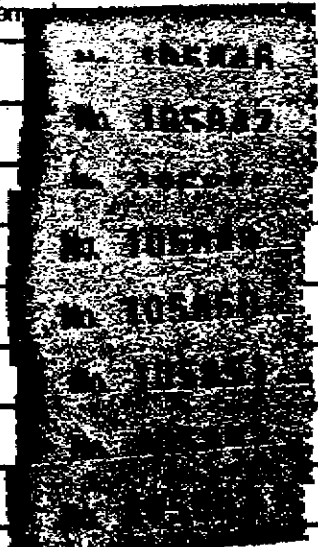
Environmental Services
4185 Rialto Court
Pittsburg, CA 94565
(510) 439-1024
Fax (510) 439-2566

CHAIN OF CUSTODY FORM

Job: 1286
Client: McCambej Analytical
Location: Douglas Parking, 1721 Webster St. Oakland.

Date August 3, 1992

| Sample Number | Type | | | Analysis Requested | | | | | | Remarks |
|---------------|------|-------|------|--------------------|------|--------------|------|---------------|-------|---------|
| | Soil | Water | Time | TPH | BTEX | Oil & Grease | B240 | Metals (list) | Other | |
| L-1 | ✓ | | 1:29 | ✓ | ✓ | | | | | |
| L-2 | ✓ | | 1:58 | ✓ | ✓ | | | | | |
| L-3 | ✓ | | 2:04 | ✓ | ✓ | | | | | |
| T-1 | ✓ | | 2:19 | ✓ | ✓ | | | | | |
| L-4 | ✓ | | 2:28 | ✓ | ✓ | | | | | |
| T-2 | ✓ | | 2:35 | ✓ | ✓ | | | | | |
| L-5 | ✓ | | 2:38 | ✓ | ✓ | | | | | |
| L-6 | ✓ | | 2:45 | ✓ | ✓ | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |



BEST
 GOOD CONDITION
 HEAD SPACE ABSENT
 PRESERVATIVE
 APPROPRIATE CONTAINERS

Sampler Name (Print) JIM PARKER Sampler Signature Jim Parker

| | | |
|--------------------------------------------------------------------|---------------------------------------------------------------|----------------------|
| Relinquished By: Date and Time <u>Jim Parker 8-3-92 4:35 pm</u> | Received By: Date and Time <u>Ed [unclear] 8-7-92 4:15</u> | Sampling Site Sketch |
| Relinquished By: Date and Time | Received By: Date and Time | |
| Relinquished By: Date and Time | Received By: Date and Time | |
| Relinquished By: Date and Time | Received By: Date and Time | |

| | | |
|------------------------------------------------------------|------------------------------------------------------------------|-------------------------------|
| Bernabe & Brinker 1281 30th Street Oakland, CA 94608 | Client Project ID: Douglas Parking, 1721 Webster Street, Oakland | Date Sampled: 08/03/92 |
| | Client Contact: Jim Brinker, Ernie Bernabe | Date Received: 08/03/92 |
| | Client P.O.: | Date Extracted: 08/04/92 |
| | | Date Analyzed: 08/04-08/05/92 |

Low Boiling Point (C6-C12) TPH* as Gasoline and BTEX*
EPA methods 5030, modified 8015, and 8020 or 602; California RWOCB (SF Bay Region) method GC/FID(3030)

| Lab ID | Client ID | Matrix | TPH(G) [†] | Benzene | Toluene | Ethyl Benzene | Xylenes | % Rec. Surrogate |
|----------------------------------------------------------------|-----------|--------|---------------------|---------|---------|---------------|---------|------------------|
| 105846 | L-1 | S | 2.6,b,g | ND | 0.010 | ND | 0.030 | 99 |
| 105847 | L-2 | S | ND | ND | ND | ND | ND | 103 |
| 105848 | L-3 | S | ND | ND | ND | ND | ND | 102 |
| 105849 | T-1 | S | 150,a,b | 2.2 | 2.9 | 1.8 | 13 | 100 |
| 105850 | L-4 | S | ND | ND | ND | ND | ND | 103 |
| 105851 | T-2 | S | 120,c | 0.62 | 0.56 | 0.87 | 2.2 | 94 |
| 105852 | L-5 | S | 8.2,b | 0.010 | 0.020 | 0.012 | 0.092 | 98 |
| 105853 | L-6 | S | ND,b | ND | 0.007 | ND | 0.034 | 99 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Detection Limit unless otherwise stated; ND means Not Detected | W | | 50 ug/L | 0.5 | 0.5 | 0.5 | 0.5 | |
| | S | | 1.0 mg/kg | 0.005 | 0.005 | 0.005 | 0.005 | |

*water samples are reported in ug/L and soils in mg/kg

#cluttered chromatogram; sample peak co-elutes with surrogate peak

† The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) predominately unmodified or weakly modified gasoline; b) heavier gasoline range compounds predominate (aged gasoline?); c) lighter gasoline range compounds predominate (the most mobile gasoline compounds); d) heavy and light gasoline range compounds predominate (aged gasoline together with introduced light compounds?); e) gasoline range compounds predominate; no recognizable pattern; f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds predominate.

54
Edward Hamilton, Lab Director

To 17th Street

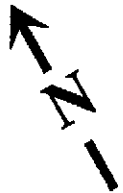
BUILDING

Brick Wall

WEBSTER STREET

Asphalt Parking Lot

SOIL PILE



● = Composite soil sampling point.
Samples collected August 6, 1992

PARKER
*Environmental
Services*

4185 Rialto Court
Pittsburg, CA 94565
(510) 439-1024

NO SCALE IMPLIED

APARTMENT BUILDING

DOUGLAS PARKING

1820 Webster Street, Oakland, California

Tank Removal Soil Pile Sampling

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553
 Tele: 510-798-1620 Fax: 510-798-1622

| | | |
|------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------|
| Bernabe & Brinker 1281 30th Street Oakland, CA 94608 | Client Project ID: Douglas Parking; 1721 Webster Street, Oakland | Date Sampled: 08/06/92 |
| | Client Contact: Jim Brinker, Ernie Bernabe | Date Received: 08/06/92 |
| | Client P.O.: | Date Extracted: 08/06/92 |
| | | Date Analyzed: 08/07-08/08/92 |

Low Boiling Point (C6-C12) TPH* as Gasoline and BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCPID(5030)

| Lab ID | Client ID | Matrix | TPH(G) ⁺ | Benzene | Toluene | Ethyl Benzene | Xylenes | % Rec. Surrogate |
|----------------------------------------------------------------|-----------|--------|---------------------|----------|---------|---------------|---------|------------------|
| 105868 | T-3 | S | 580,b✓ | 1.7 | 5.9 | 5.6 | 43 | 101 |
| 105869 | T-4 | S | 1500,a✓ | 11 | 140 | 48 | 280 | 99 |
| 105870 | T5 | S | 410,a✓ | 6.7 | 22 | 6.2 | 35 | 105 |
| 105871 | T6 | S | 1400,a✓ | 12 | 71 | 29 | 150 | 96 |
| 105872 | T7 | S | 2.3,a✓ | 0.11 | 0.19 | 0.050 | 0.31 | 100 |
| 105873 | SW1 | S | 280,a✓ | 2.9 | 5.8 | 3.2 | 15 | 100 |
| 105874 | SW2 | S | 1500,a✓ | 5.7 | 40 | 18 | 150 | 98 |
| 105875 | SW3 | S | 400,a✓ | 2.7 | 5.8 | 4.0 | 21 | 103 |
| 105876 | SW4 | S | 2.3,a✓ | 0.42 | 0.028 | 0.077 | 0.18 | 99 |
| 105877 | C1 | S | 560,b✓ | ND < 0.1 | 5.0 | 3.1 | 24 | 111 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Detection Limit unless otherwise stated; ND means Not Detected | | W | 50 ug/L | 0.5 | 0.5 | 0.5 | 0.5 | |
| | | S | 1.0 mg/kg | 0.005 | 0.005 | 0.005 | 0.005 | |

*water samples are reported in ug/L and soils in mg/kg

*cluttered chromatogram; sample peak co-elutes with surrogate peak

† The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) predominately unmodified or weakly modified gasoline; b) heavier gasoline range compounds predominate (aged gasoline?); c) lighter gasoline range compounds predominate (the most mobile gasoline compounds); d) heavy and light gasoline range compounds predominate (aged gasoline together with introduced light compounds?); e) gasoline range compounds predominate; no recognizable pattern; f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds predominate.

Edward Hamilton, Lab Director

PARKER

Environmental Services
4185 Rialto Court
Pittsburg, CA 94565
(510) 439-1024
Fax (510) 439-2566

CHAIN OF CUSTODY FORM

DOUGLAS PARKING

Job: 1286
Client: McCampbell Analytical
Location: 1721 Webster Street, Oakland

Date August 6, 1992

| Sample Number | Type | | | Analysis Requested | | | | | Remarks | |
|---------------|------|-------|------|--------------------|------|--------------|------|---------------|------------|----------------------|
| | Soil | Water | Time | TPH-g | BTEX | Oil & Grease | 8240 | Metals (list) | | Other |
| T-3 | ✓ | | 2:53 | ✓ | ✓ | | | *ORG. LEAD | [REDACTED] | PICK HIGHEST TPH for |
| T-4 | ✓ | | 2:59 | ✓ | ✓ | | | | | ORGANIC LEAD |
| T-5 | ✓ | | 3:05 | ✓ | ✓ | | | | | ANALYSIS |
| T-6 | ✓ | | 4:06 | ✓ | ✓ | | | | | |
| T-7 | ✓ | | 4:14 | ✓ | ✓ | | | | | |
| SW1 | ✓ | | 4:18 | ✓ | ✓ | | | | | |
| SW2 | ✓ | | 4:30 | ✓ | ✓ | | | | | |
| SW3 | ✓ | | 4:37 | ✓ | ✓ | | | | | |
| SW4 | ✓ | | 4:44 | ✓ | ✓ | | | | | |
| C1 | * | | 5:07 | ✓ | ✓ | | | | | COMPOSITE |

ICE?
 GOOD CONDITION
 HEAD SPACE ABSENT
 PRESERVATIVE
 APPROPRIATE CONTAINERS

Sampler Name (Print) JIM PARKER

Sampler Signature *Jim Parker*

Relinquished By: Date and Time
Jim Parker 8-6-92 6:10

Relinquished By: Date and Time

Relinquished By: Date and Time

Relinquished By: Date and Time

Received By: Date and Time
F. Paul 8-6-92 6:10

Received By: Date and Time

Received By: Date and Time

Received By: Date and Time





August 12, 1992

Project 128-6

Mr. Jim Brinker
Burnabe & Brinker
1281 30th Street
Oakland, CA 94608

Subject: Underground Tank Removal Soil Sampling and Analysis Report

Dear Mr. Brinker:

This letter is a report concerning the soil sampling and analysis associated with the underground tank removals from Douglas Parking, 1721 Webster Street, Oakland, California on August 3rd and August 6th, 1992.

One 1,000 gallon gasoline steel tank was removed from the property on August 3, 1992. No holes were observed on the tank. Two soil samples were collected from the beneath the former tank location, and six soil samples were collected from beneath the gas lines and pump area. For the samples from underneath the tanks, a backhoe was used to dig approximately one foot into the native soil for a total depth of 9 feet below ground surface. Digging was difficult due to sumping sidewalls, and water in the excavation bottom. The water in the excavation was from a broken sewer line and broken water line.

The native soil was brought to the surface in the backhoe bucket, where a 2 inch diameter 6 inch long brass sample tube was hammered into the undisturbed soil. Aluminum foil was placed over the tube ends, then plastic caps. Each sample was labeled and placed in a zip lock bag on ice in a portable cooler for transport to a State certified hazardous materials analysis laboratory, McCampbell Analytical, Pacheco, CA. Sample locations are shown in the attached site drawing. Sample information was entered on a chain of custody form (attached) as each sample was completed.

The samples from beneath the gas pumps were two feet from the surface, and the product line samples were 1.5 to 2.0 feet beneath the surface. These samples were obtained by hand augering to the appropriate depth, and then using a slide hammer to drive the sample tube into the soil. Each tube was wrapped, labeled and transported as described above.

Recycled Paper

Mr. Jim Brinker
August 12, 1992
Page 2

Due to unstable excavation walls by the 1,000 gallon tank, the hole was backfilled after the tank samples were obtained. No over-excavation of contaminated soil was accomplished.

The two 500 gallon tanks were removed on August 6, 1992. Three samples were taken from beneath the tanks (T-3, T-4, T-5), two from the excavation bottom after over-excavation (T-6, T-7), and four from the excavation side walls (SW-1 through SW4). One composite sample was taken from the soil stockpile.

None of the tanks had visible holes other than holes punched through the steel by the backhoe during removal.

The samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) and the gasoline constituents of benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA methods 5030, 8015 and 8020, and California RWQCB (SF Bay Region) method GCFID (5030). Analysis results show all samples collected from the tank excavation had detectable of gasoline and its constituents, with the highest amounts from beneath the middle tank. Samples from the gas lines and pumps had minimal or non-detectable amounts of gasoline.

We are forwarding a copy of this report and attachments to Alameda County, Oakland City Fire Department and Mr. Lee Douglas as you requested.

Sincerely,
PARKER ENVIRONMENTAL SERVICES



James D. Parker
President

Attachments

cc: Alameda County Health Services, Environmental Health Division
✓ City of Oakland Fire Department
✓ Mr. Lee Douglas, Douglas Parking

Douglas Parking
 1721 Webster Street, Oakland, California
 Soil Sample Analysis Results*
 Samples Collected on August 3 and 6, 1992

| Sample Number | Depth | TPH-g | Benzene | Toluene | Ethylbenzene | Xylenes |
|---------------|-------|-------|---------|---------|--------------|---------|
|---------------|-------|-------|---------|---------|--------------|---------|

Samples From Beneath the Tanks

| | | | | | | |
|-----|-----|-------|------|------|-------|------|
| T-1 | 9' | 150 | 2.2 | 2.9 | 1.8 | 13 |
| T-2 | 9' | 120 | 0.62 | 0.56 | 0.87 | 2.2 |
| T-3 | 8' | 580 | 1.7 | 5.9 | 5.6 | 43 |
| T-4 | 8' | 1,500 | 11 | 140 | 48 | 280 |
| T-5 | 8' | 410 | 6.7 | 22 | 6.2 | 35 |
| T-6 | 12' | 1,400 | 12 | 71 | 29 | 150 |
| T-7 | 14' | 2.3 | 0.11 | 0.19 | 0.050 | 0.31 |

Samples from the south excavation side walls

| | | | | | | |
|-----|------|-------|------|-------|-------|------|
| SW1 | 9.5' | 280 | 2.9 | 5.8 | 3.2 | 15 |
| SW2 | 7' | 1,500 | 5.7 | 40 | 18 | 150 |
| SW3 | 8' | 400 | 2.7 | 5.8 | 4.0 | 21 |
| SW4 | 9' | 2.3 | 0.42 | 0.028 | 0.077 | 0.18 |

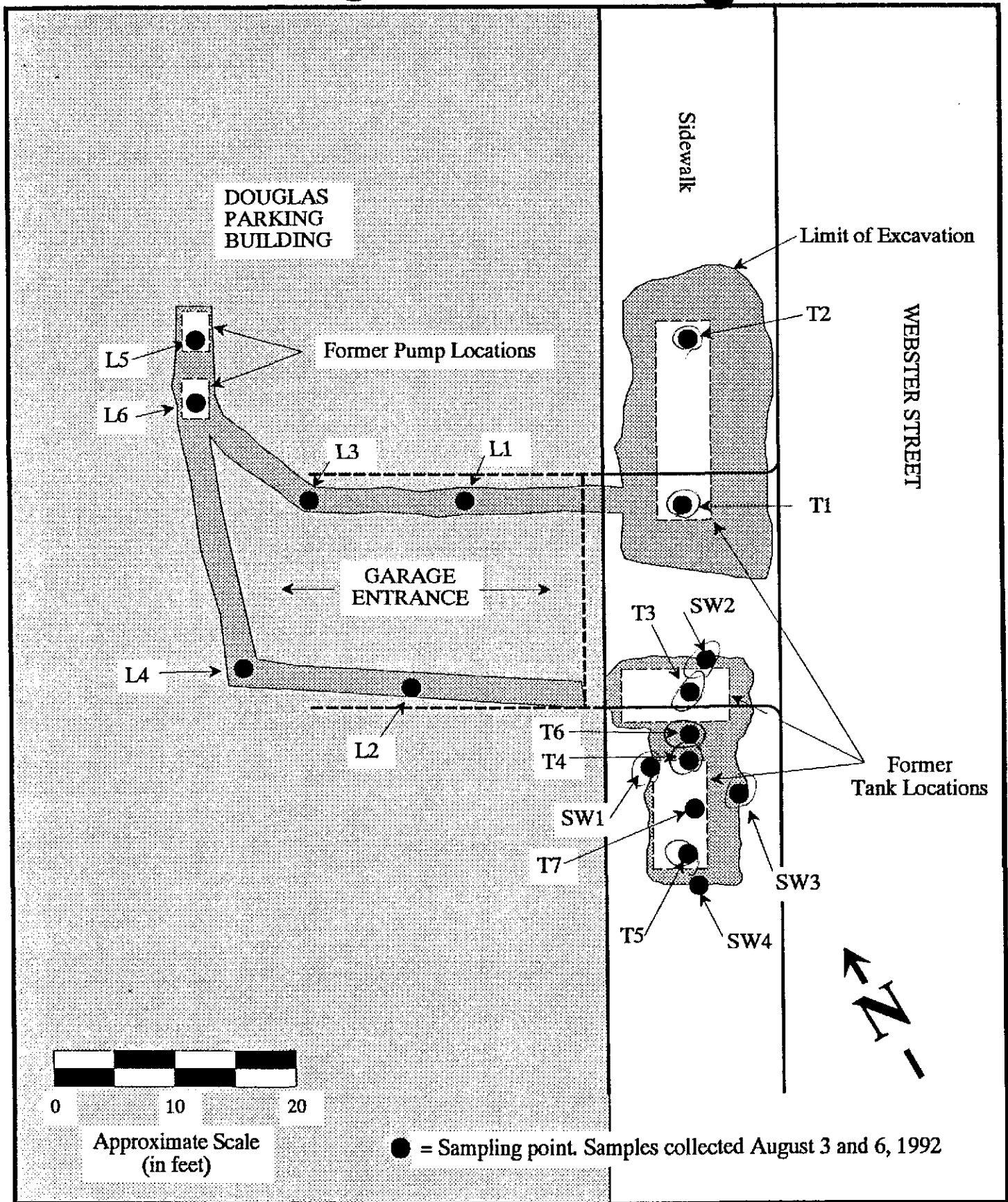
Composited Sample from the soil pile

| | | | | | | |
|----|------|-----|--------|-----|-----|----|
| C1 | 1.5' | 560 | ND<0.1 | 5.0 | 3.1 | 24 |
|----|------|-----|--------|-----|-----|----|

Samples from the line and pump trenches

| | | | | | | |
|-----|------|-----|-------|-------|-------|-------|
| L-1 | 1.5' | 2.6 | ND | 0.010 | ND | 0.030 |
| L-2 | 1.5' | ND | ND | ND | ND | ND |
| L-3 | 1.5' | ND | ND | ND | ND | ND |
| L-4 | 1.5' | ND | ND | ND | ND | ND |
| L-5 | 2.0' | 8.2 | 0.010 | 0.020 | 0.012 | 0.092 |
| L-6 | 2.0' | ND | ND | 0.007 | ND | 0.034 |

* TPH (as gasoline) and BTEX are in parts per million. ND = Not Detected



PARKER
 Environmental
 Services

Project 128-6

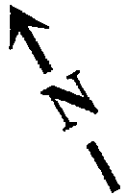
4185 Rialto Court
 Pittsburg, CA 94565
 (510) 439-1024

DOUGLAS PARKING
 1721 Webster Street, Oakland, California
 Tank Removal Soil Sampling

8/92

To 17th Street ↑

WEBSTER STREET



NO SCALE IMPLIED

BUILDING

Brick Wall →

Asphalt Parking Lot

SOIL PILE

● = Composite soil sampling point.
Samples collected August 6, 1992

PARKER
Environmental
Services

4185 Rialto Court
Pittsburg, CA 94565
(510) 439-1024

APARTMENT BUILDING

DOUGLAS PARKING
1820 Webster Street, Oakland, California
Tank Removal Soil Pile Sampling

| | | |
|------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------|
| Bernabe & Brinker 1281 30th Street Oakland, CA 94608 | Client Project ID: Douglas Parking, 1721 Webster Street, Oakland | Date Sampled: 08/03/92 |
| | | Date Received: 08/03/92 |
| | Client Contact: Jim Brinker, Ernie Bernabe | Date Extracted: 08/04/92 |
| | Client P.O: | Date Analyzed: 08/04-08/05/92 |

Low Boiling Point (C6-C12) TPH* as Gasoline and BTEX*
LPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GC/MS(5030)

| Lab ID | Client ID | Matrix | TPH(G) ⁺ | Benzene | Toluene | Ethyl Benzene | Xylenes | % Rec. Surrogate |
|----------------------------------------------------------------|-----------|-----------|---------------------|---------|---------|---------------|---------|------------------|
| 105846 | L-1 | S | 2.6,b,g | ND | 0.010 | ND | 0.030 | 99 |
| 105847 | L-2 | S | ND | ND | ND | ND | ND | 103 |
| 105848 | L-3 | S | ND | ND | ND | ND | ND | 102 |
| 105849 | T-1 | S | 150,a,b | 2.2 | 2.9 | 1.8 | 13 | 100 |
| 105850 | L-4 | S | ND | ND | ND | ND | ND | 103 |
| 105851 | T-2 | S | 120,c | 0.62 | 0.56 | 0.87 | 2.2 | 94 |
| 105852 | L-5 | S | 8.2,b | 0.010 | 0.020 | 0.012 | 0.092 | 98 |
| 105853 | L-6 | S | ND,b | ND | 0.007 | ND | 0.034 | 99 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Detection Limit unless otherwise stated; ND means Not Detected | W | 50 ug/L | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | |
| | S | 1.0 mg/kg | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | |

*water samples are reported in ug/L and soils in mg/kg

cluttered chromatogram; sample peak co-elutes with surrogate peak

⁺ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) predominately unmodified or weakly modified gasoline; b) heavier gasoline range compounds predominate (aged gasoline?); c) lighter gasoline range compounds predominate (the most mobile gasoline compounds); d) heavy and light gasoline range compounds predominate (aged gasoline together with introduced light compounds?); e) gasoline range compounds predominate; no recognizable pattern; f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds predominate.

54
Edward Hamilton, Lab Director

PARKER

Environmental Services
 4185 Rialto Court
 Pittsburg, CA 94565
 (510) 439-1024
 Fax (510) 439-2566

CHAIN OF CUSTODY FORM

Job: 1286
 Client: McCammed Analytical
 Location: Douglas Parking, 1721 Webster St. Oakland

Date August 3, 1992

| Sample Number | Type | | | Analysis Requested | | | | | | Remarks |
|---------------|------|-------|------|--------------------|------|--------------|------|---------------|-------|---------|
| | Soil | Water | Time | TPH-g | BTEX | Oil & Grease | 8240 | Metals (list) | Other | |
| L-1 | ✓ | | 1:29 | ✓ | ✓ | | | | | |
| L-2 | ✓ | | 1:58 | ✓ | ✓ | | | | | |
| L-3 | ✓ | | 2:04 | ✓ | ✓ | | | | | |
| T-1 | ✓ | | 2:19 | ✓ | ✓ | | | | | |
| L-4 | ✓ | | 2:28 | ✓ | ✓ | | | | | |
| T-2 | ✓ | | 2:35 | ✓ | ✓ | | | | | |
| L-5 | ✓ | | 2:38 | ✓ | ✓ | | | | | |
| L-6 | ✓ | | 2:45 | ✓ | ✓ | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

ISPT
 GOOD CONDITION
 HEAD SPACE ABSENT
 PRESERVATIVE
 APPROPRIATE CONTAINERS

Sampler Name (Print) JIM PARKER Sampler Signature Jim Parker

| | | |
|-------------------------------------------------------------------|---------------------------------------------------------------|----------------------|
| Relinquished By: Date and Time <u>Jim Parker 8-3-92 4:35pm</u> | Received By: Date and Time <u>Ed [unclear] 8-3-92 4:15</u> | Sampling Site Sketch |
| Relinquished By: Date and Time | Received By: Date and Time | |
| Relinquished By: Date and Time | Received By: Date and Time | |
| Relinquished By: Date and Time | Received By: Date and Time | |

McCAMPBELL ANALYTICAL INC.

110 2nd Avenue South, #D7, Pacheco, CA 94553
 Tele: 510-798-1620 Fax: 510-798-1622

| | | |
|------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------|
| Bernabe & Brinker 1281 30th Street Oakland, CA 94608 | Client Project ID: Douglas Parking; 1721 Webster Street, Oakland | Date Sampled: 08/06/92 |
| | Client Contact: Jim Brinker, Ernie Bernabe | Date Received: 08/06/92 |
| | Client P.O: | Date Analyzed: 08/07-08/08/92 |
| | | Date Extracted: 08/06/92 |

Low Boiling Point (C6-C12) TPH* as Gasoline and BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCD (SF Bay Region) method GCFID(5030)

| Lab ID | Client ID | Matrix | TPH(G) ⁺ | Benzene | Toluene | Ethyl Benzene | Xylenes | % Rec. Surrogate |
|----------------------------------------------------------------|-----------|--------|---------------------|----------|---------|---------------|---------|------------------|
| 105868 | T-3 | S | 580,b | 1.7 | 5.9 | 5.6 | 43 | 101 |
| 105869 | T-4 | S | 1500,a | 11 | 140 | 48 | 280 | 99 |
| 105870 | T5 | S | 410,a | 6.7 | 22 | 6.2 | 35 | 105 |
| 105871 | T6 | S | 1400,a | 12 | 71 | 29 | 150 | 96 |
| 105872 | T7 | S | 2.3,a | 0.11 | 0.19 | 0.050 | 0.31 | 100 |
| 105873 | SW1 | S | 280,a | 2.9 | 5.8 | 3.2 | 15 | 100 |
| 105874 | SW2 | S | 1500,a | 5.7 | 40 | 18 | 150 | 98 |
| 105875 | SW3 | S | 400,a | 2.7 | 5.8 | 4.0 | 21 | 103 |
| 105876 | SW4 | S | 2.3,a | 0.42 | 0.028 | 0.077 | 0.18 | 99 |
| 105877 | C1 | S | 560,b | ND < 0.1 | 5.0 | 3.1 | 24 | 111 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Detection Limit unless otherwise stated; ND means Not Detected | | W | 50 ug/L | 0.5 | 0.5 | 0.5 | 0.5 | |
| | | S | 1.0 mg/kg | 0.005 | 0.005 | 0.005 | 0.005 | |

*water samples are reported in ug/L and soils in mg/kg

*cluttered chromatogram; sample peak co-elutes with surrogate peak

⁺ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) predominately unmodified or weakly modified gasoline; b) heavier gasoline range compounds predominate (aged gasoline?); c) lighter gasoline range compounds predominate (the most mobile gasoline compounds); d) heavy and light gasoline range compounds predominate (aged gasoline together with introduced light compounds?); e) gasoline range compounds predominate; no recognizable pattern; f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds predominate.

Edward Hamilton, Lab Director

PARKER

Environmental Services
4185 Rialto Court
Pittsburg, CA 94565
(510) 439-1024
Fax (510) 439-2566

CHAIN OF CUSTODY FORM

DOUGLAS PARKING

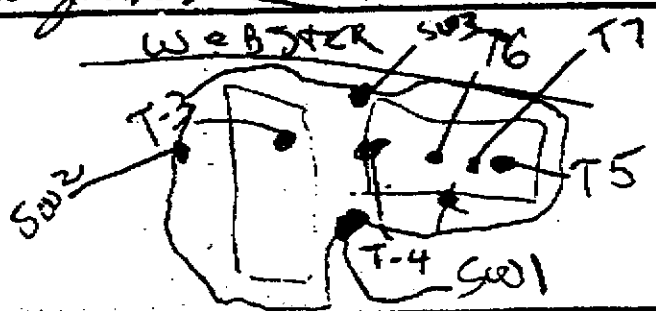
Job: 1286
Client: McCampbell Analytical
Location: 1721 Webster Street, Oakland

Date August 6, 1992

| Sample Number | Type | | | Analysis Requested | | | | | Remarks | |
|---------------|------|-------|------|--------------------|------|--------------|------|---------------|------------|---------------------|
| | Soil | Water | Time | TPH-g | BTEX | Oil & Grease | 8240 | Metals (list) | | Other |
| T-3 | ✓ | | 2:53 | ✓ | ✓ | | | *ORG. LEAD | [REDACTED] | PICK HIGEST TPH for |
| T-4 | ✓ | | 2:59 | ✓ | ✓ | | | | | ORGANIC LEAD |
| T-5 | ✓ | | 3:05 | ✓ | ✓ | | | | | ANALYSIS |
| T-6 | ✓ | | 4:06 | ✓ | ✓ | | | | | |
| T-7 | ✓ | | 4:14 | ✓ | ✓ | | | | | |
| SW1 | ✓ | | 4:18 | ✓ | ✓ | | | | | |
| SW2 | ✓ | | 4:30 | ✓ | ✓ | | | | | |
| SW3 | ✓ | | 4:37 | ✓ | ✓ | | | | | |
| SW4 | ✓ | | 4:44 | ✓ | ✓ | | | | | |
| C-1 | ✗ | | 5:07 | ✓ | ✓ | | | | | |

ICE?
GOOD CONDITION
HEAD SPACE ABSENT
PRESERVATIVE
APPROPRIATE CONTAINERS

Sampler Name (Print) JIM PARKER Sampler Signature Jim Parker

| | | |
|------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Relinquished By: <u>Jim Parker 8-6-92 6:10</u> | Received By: <u>[Signature] 8-6-92 6:10</u> | Sampling Site Sketch  |
| Relinquished By: _____ | Received By: _____ | |
| Relinquished By: _____ | Received By: _____ | |
| Relinquished By: _____ | Received By: _____ | |