

THRIFTY OIL CO.

RECEIVED
DECEMBER 10 1988
HAZARDOUS MATERIALS
WASTE PROGRAM

December 6, 1988

Mr. Rafat A. Shahid
Hazardous Materials Program
Alameda County
80 Swan Way, Room 200
Oakland, CA 94621

RE: Thrifty Oil Co. Station #054
2504 Castro Valley Blvd.
Castro Valley, CA 94546

Dear Mr. Shahid,

In response to your letter dated November 23, 1988, I am hereby submitting signed copies of the soil report for samples collected on November 10, 1988, during product tank removal.

If you need additional information, please contact me at (213) 923-9876.

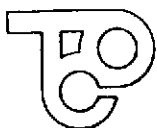
Very truly yours,

Peter D'Amico
Peter D'Amico
Manager
of Environmental Affairs

PD/MZ/dmt
Enclosures

cc: Lisa McCann, RWQCB - San Francisco Bay Region (W/Enc.)

What's the response to item # 1 in the letter referenced 11/23/88 (schedule for remediation system installation/operation)



THRIFTY OIL CO.

CALIFORNIA REGIONAL WATER

DEC 09 1988

QUALITY CONTROL BOARD

NC

File

[Handwritten signature]

December 6, 1988

Mr. Rafat A. Shahid
Hazardous Materials Program
Alameda County
80 Swan Way, Room 200
Oakland, CA 94621

RE: Thrifty Oil Co. Station #054
2504 Castro Valley Blvd.
Castro Valley, CA 94546

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Very truly yours,

Peter D'Amico

Peter D'Amico
Manager
of Environmental Affairs

PD/MZ/dmt
Enclosures

cc: ~~John McCann~~, RWQCB - San Francisco Bay Region (W/Enc.)





11/14/88mt

Page 1 of 1

WORK ORD#: 8811106

CLIENT: Greg Hoehn
Groundwater Technology, Inc.
4080 Pike Lane
Concord, CA 94520

PROJECT#: 203-425-5003-4

LOCATION: 2504 Castro Valley Blvd.
Castro Valley, CA

SAMPLED: 11/10/88 BY: D. Kaufman

RECEIVED: 11/11/88 BY: E. Larsen

ANALYZED: 11/11/88 BY: R. Condit

MATRIX: Water

UNITS: ug/L (ppb)

Western Region
4080-C Pike Lane, Concord, CA 94520
(415) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California

TEST RESULTS

| COMPOUNDS | MDL | LAB # | Q1A | | | | |
|------------------------------------------------|-----|---------|-----------|--|--|--|--|
| | | I.I.D.# | TANKWATER | | | | |
| Benzene | 0.5 | | 12000 | | | | |
| Toluene | 0.5 | | 18000 | | | | |
| Ethylbenzene | 0.5 | | 2500 | | | | |
| Xylenes | 0.5 | | 30000 | | | | |
| Total BTEX | 0.5 | | 63000 | | | | |
| Misc. Hydrocarbons (C4-C12) | 1 | | 67000 | | | | |
| Total Petroleum Hydrocarbons as Gasoline | 1 | | 130000 | | | | |

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD:
Modified EPA Method 5030/B020/B015

Emma P. Popek
EMMA P. POPEK, Director



11/14/88mt

Page 1 of 2

WORK ORD#: 8811105

CLIENT: Greg Hoehn
Groundwater Technology, Inc.
4080 Pike Lane
Concord, CA 94520

Western Region
4080-C Pike Lane, Concord, CA 94520
(415) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California

PROJECT#: 203-425-3003-3

LOCATION: 2504 Castro Valley Blvd.
Castro Valley, CA

SAMPLED: 11/10/88 BY: D. Kaufman
RECEIVED: 11/11/88 BY: E. Larsen
ANALYZED: 11/11/88 BY: R. Condit
MATRIX: Soil
UNITS: mg/kg (ppm)

TEST RESULTS

| COMPOUNDS | MDL | LAB # | I.D. # | 01A | 02A | 03A | 04A | 05A |
|------------------------------------------------|-----|-------|--------|-------|-------|-------|-------|-------|
| | | | | SS#A1 | SS#A2 | SS#B1 | SS#B2 | SS#C1 |
| Benzene | 0.5 | | | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| Toluene | 0.5 | | | <0.5 | <0.5 | <0.5 | <0.5 | 1 |
| Ethylbenzene | 0.5 | | | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| Xylenes | 0.5 | | | <0.5 | <0.5 | <0.5 | <0.5 | 1 |
| Total BTEX | 0.5 | | | <0.5 | <0.5 | <0.5 | <0.5 | 2 |
| Misc. Hydrocarbons (C4-C12) | 1.0 | | | <1 | <1 | <1 | <1 | 3 |
| Total Petroleum Hydrocarbons as Gasoline | 1.0 | | | <1 | <1 | <1 | <1 | 5 |

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD:
Modified EPA Method 5030/8020/8015

Western Region
 4080-C Pike Lane, Concord, CA 94520
 (415) 685-7852
 (800) 544-3422 from inside California
 (800) 423-7143 from outside California

CLIENT: Greg Hoehn
PROJECT#: 203-425-5003-3
LOCATION: 2504 Castro Valley Blvd.
 Castro Valley, CA

TEST RESULTS

MATRIX: Soil
UNITS: mg/kg (ppm)

| COMPOUNDS | MDL | LAB # | 06A |
|------------------------------------------------|-----|---------|-------|
| | | I.I.D.# | SS#C2 |
| Benzene | 0.5 | | <0.5 |
| Toluene | 0.5 | | <0.5 |
| Ethylbenzene | 0.5 | | <0.5 |
| Xylenes | 0.5 | | <0.5 |
| Total BTEX | 0.5 | | <0.5 |
| Misc. Hydrocarbons (C4-C12) | 1.0 | | <1 |
| Total Petroleum Hydrocarbons as Gasoline | 1.0 | | <1 |

MDL = Method Detection Limit; compound below this level would not be detected.
 Results rounded to two significant figures.

METHOD:
 Modified EPA Method 5030/8020/8015

Emma P. Popek

EMMA P. POPEK, Director



11/14/88mt

WORK ORD#: 8811134
CLIENT: Paul Horton
Groundwater Technology, Inc.
4080 Pike Ln.
Concord, CA 94520
PROJECT#: 203-425-5003-5
LOCATION: Castro Valley, CA

Western Region
4080-C Pike Lane, Concord, CA 94520
(415) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California

SAMPLED: 11/11/88 BY: G. Miller
RECEIVED: 11/11/88 BY: K. Fillinger
ANALYZED: 11/11/88 BY: R. Condit
MATRIX: Soil
UNITS: mg/kg (ppm)

TEST RESULTS

| COMPOUNDS | MDL | LAB # I.I.D.# | 01A 1 | 02A 2 | 03A 3 | 04A 6 | 05A 7 |
|------------------------------------------------|-----|------------------|----------|----------|----------|----------|----------|
| Benzene | 0.5 | | 2 | 1 | (0.5) | 3 | 2 |
| Toluene | 0.5 | | 2 | 1 | (0.5) | 44 | 20 |
| Ethylbenzene | 0.5 | | 9 | 1 | (0.5) | 22 | 10 |
| Xylenes | 0.5 | | 28 | 6 | 1 | 180 | 110 |
| Total BTEX | 0.5 | | 41 | 9 | 1 | 250 | 140 |
| Misc. Hydrocarbons (C4-C12) | 1 | | 280 | 310 | 19 | 1200 | 1100 |
| Total Petroleum Hydrocarbons as Gasoline | 1 | | 320 | 320 | 20 | 1400 | 1200 |

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD:
Modified EPA Method 5030/8020/8015



Western Region
4080-C Pike Lane, Concord, CA 94520
(415) 685-7852
(800) 544-3422 from inside California
(800) 423-7143 from outside California

Page 2 of 2

CLIENT: Paul Horton
PROJECT#: 203-425-5003-5
LOCATION: Castro Valley, CA

MATRIX: Soil
UNITS: mg/kg (ppm)

TEST RESULTS

| COMPOUNDS | MDL | LAB # | 06A | 07A | 08A | 09A | 10A |
|------------------------------------------------|--------|-------|-----|-----|------|-----|-----|
| | II.D.# | 8 | 9 | 10 | 11 | 12 | |
| Benzene | 0.5 | | 2 | 2 | 1 | 1 | 3 |
| Toluene | 0.5 | | 15 | 14 | 8 | 1 | 15 |
| Ethylbenzene | 0.5 | | 10 | 9 | 7 | 0.5 | 7 |
| Xylenes | 0.5 | | 81 | 71 | 58 | 1 | 47 |
| Total BTEX | 0.5 | | 110 | 96 | 74 | 3 | 72 |
| Misc. Hydrocarbons (C4-C12) | 1 | | 610 | 510 | 1000 | 6 | 280 |
| Total Petroleum Hydrocarbons as Baseline | 1 | | 720 | 610 | 1100 | 9 | 350 |

MDL = Method Detection Limit; compound below this level would not be detected.
Results rounded to two significant figures.

METHOD:
Modified EPA Method 5030/8020/8015

EMMA P. POPEK, Director



4080-C Pike Lane
Concord, CA 94520
415-685-7852

800-544-3422 (In CA)
800-423-7143 (Outside CA)

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager:

Phone #:

(GTEL HOIST)

Address:

FAX #:

GTI CONCORD

Project Number:

Project Name:

203425 5003-3

CIRCLE K/CASTRO VALLEY

Project Location:

Sampler Signature:

2504 Castro Valley Blvd.

[Signature]

ANALYSIS REQUEST

OTHER

SPECIAL HANDLING

| Sample ID | Lab # (Lab use only) | # CONTAINERS | Volume/Amount | Matrix | | | | Method Preserved | | | | | Sampling | | BTEX (602/8020) | BTEX/TPH as Gasoline (602/8020/8015) | TPH as Diesel (8015 or 8270) | TPH as Jetfuel (8015 or 8270) | Total Oil & Grease (413.1) | Total Oil & Grease (413.2) | Total Petroleum Hydrocarbons (418.1) | EPA 601/6010 | EPA 602/6020 | EPA 608/6090 | EPA 608/6090-PCBs Only | EPA 624/6240 | EPA 625/6270 | CAM - 17 Metals | EPTOX - 8 Metals | EPA - Priority Pollutant Metals | LEAD(7420/7421/239.2) | ORGANIC LEAD | | | | | PRIORITY ONE SERVICE (24 hr) | EXPEDITED SERVICE (2-4 days) | VERBALS/FAX | SPECIAL DETECTION LIMITS (SPECIFY) | SPECIAL REPORTING REQUIREMENTS | | | |
|--------------------|-------------------------|--------------|---------------|--------|------|-----|--------|------------------|-----|------------------|-----|------|----------|------|-----------------|--------------------------------------|------------------------------|-------------------------------|----------------------------|----------------------------|--------------------------------------|--------------|--------------|--------------|------------------------|--------------|--------------|-----------------|------------------|---------------------------------|-----------------------|--------------|--|--|--|--|------------------------------|------------------------------|-------------|------------------------------------|--------------------------------|------|--|--|
| | | | | WATER | SOIL | AIR | SLUDGE | OTHER | HCl | HNO ₃ | ICE | NONE | OTHER | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | TIME | | |
| 55" A ₁ | | | | X | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55" A ₂ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55" B ₁ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55" B ₂ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55" C ₁ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55" C ₂ | | | | X | | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TANK PIT WATER | | | 2 1/2 gal | | | | | | | | | X | | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | |

Relinquished by:

Date Time

Received by:

Remarks:

Relinquished by:

Date Time

Received by:

Relinquished by:

Date Time

Received by Laboratory:

11-11 9:00

[Signature]

[Handwritten notes]



4080-C Pike Lane
Concord, CA 94520
415-685-7852

800-544-3422 (In CA)
800-423-7143 (Outside CA)

0011104

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: GREG HOEHN Phone #: _____

Address: GTI CONCORD FAX #: _____

Project Number: 203 425 50034 Project Name: CIRCLE K/CASTRO VALLEY

Project Location: 504 Castro Valley Blvd. Sampler Signature: Dan Kap

| ANALYSIS REQUEST | | | | | | | | | | | | | | | OTHER | SPECIAL HANDLING | | | | | | | | | | | |
|------------------|--|--|-----------------|--------------------------------------|------------------------------|-------------------------------|----------------------------|----------------------------|--------------------------------------|--------------|--------------|--------------|------------------------|--------------|--------------|------------------|------------------|---------------------------------|----------------------|--------------|------------------------------|------------------------------|-------------|------------------------------------|--------------------------------|--|--|
| | | | Y | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | BTEX (602/8020) | BTEX/TPH as Gasoline (602/8020/8015) | TPH as Diesel (8015 or 8270) | TPH as Jetfuel (8015 or 8270) | Total Oil & Grease (413.1) | Total Oil & Grease (413.2) | Total Petroleum Hydrocarbons (418.1) | EPA 601/8010 | EPA 602/8020 | EPA 608/8080 | EPA 608/8080-PCBs Only | EPA 624/8240 | EPA 625/8270 | CAM - 17 Metals | EPTOX - 8 Metals | EPA - Priority Pollutant Metals | LEAD(74207421/239.2) | ORGANIC LEAD | PRIORITY ONE SERVICE (24 hr) | EXPEDITED SERVICE (2-4 days) | VERBALS/FAX | SPECIAL DETECTION LIMITS (SPECIFY) | SPECIAL REPORTING REQUIREMENTS | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Sample ID | Lab # (Lab use only) | # CONTAINERS Volume/Amount | Matrix | | | | | Method Preserved | | | | | Sampling | |
|--------------------------------|-------------------------|-------------------------------|--------|------|-----|--------|-------|------------------|------------------|-----|------|-------|----------|------|
| | | | WATER | SOIL | AIR | SLUDGE | OTHER | HCl | HNO ₃ | ICE | NONE | OTHER | DATE | TIME |
| SS [#] A ₁ | | | | X | | | | | | X | | | 11/10 | |
| SS [#] A ₂ | | | | | | | | | | | | | 11/10 | |
| SS [#] B ₁ | | | | | | | | | | | | | | |
| SS [#] B ₂ | | | | | | | | | | | | | | |
| SS [#] C ₁ | | | | | | | | | | | | | | |
| SS [#] C ₂ | | | | X | | | | | X | | | X | | |
| TANK PIT WATER | DA | 2 lb 2 m | | | | | | | X | | | | 11/10 | X |

| | | | |
|------------------|-----------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Relinquished by: | Date Time | Received by: | Remarks: <div style="font-size: 2em; text-align: center;">740</div> <div style="font-size: 1.5em; text-align: right; margin-top: 10px;">11/10 Jag</div> |
| Relinquished by | Date Time | Received by: | |
| Relinquished by | Date Time | Received by Laboratory: | |



4080-C Pike Lane
Concord, CA 94520
415-685-7852

800-544-3422 (In CA)
800-423-7143 (Outside CA)

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Paul Horton Phone #: _____

Address: _____ FAX #: _____

Project Number: 203 425 50030 Project Name: Castro Valley

Project Location: Castro Valley CA Sampler Signature: Cher L. Mubler

ANALYSIS REQUEST

OTHER

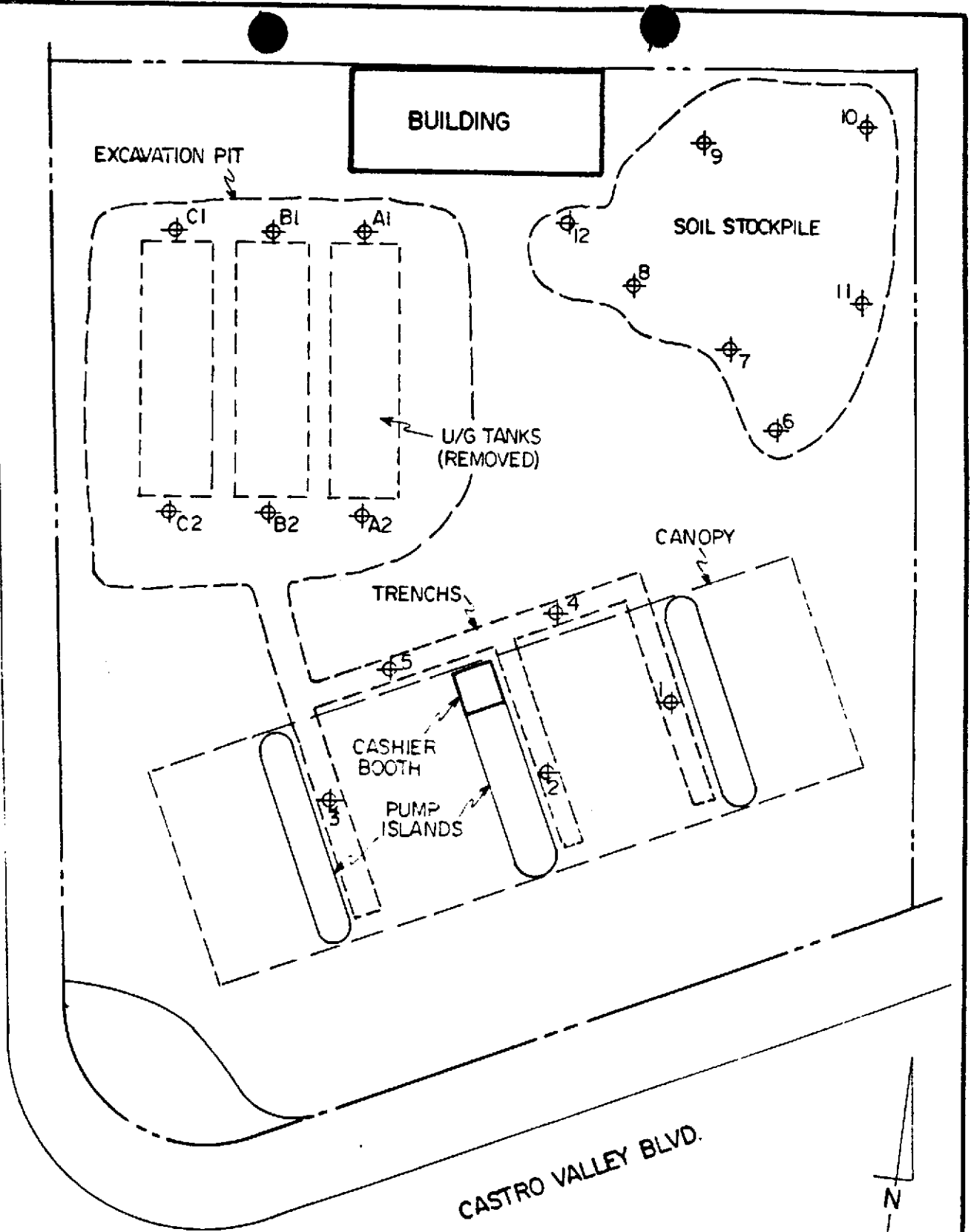
SPECIAL HANDLING

| Sample ID | Lab # (Lab use only) | # CONTAINERS | Volume/Amount | Matrix | | | | | Method Preserved | | | | | Sampling | | BTEX (602/8020) | BTEX/TPH as Gasoline (602/8020/8015) | TPH as Diesel (8015 or 8270) | TPH as Jetfuel (8015 or 8270) | Total Oil & Grease (413.1) | Total Oil & Grease (413.2) | Total Petroleum Hydrocarbons (418.1) | EPA 601/8010 | EPA 602/8020 | EPA 608/8080 | EPA 608/8080-PCBs Only | EPA 624/8240 | EPA 625/8270 | CAM - 17 Metals | EPTOX - 8 Metals | EPA - Priority Pollutant Metals | LEAD (7420/7421/239.2) | ORGANIC LEAD | HOLD | PRIORITY ONE SERVICE (24 hr) | EXPEDITED SERVICE (2-4 days) | VERBALS/FAX | SPECIAL DETECTION LIMITS (SPECIFY) | SPECIAL REPORTING REQUIREMENTS | | | |
|-----------|-------------------------|--------------|---------------|--------|------|-----|--------|-------|------------------|------|-----|------|-------|----------|------|-----------------|--------------------------------------|------------------------------|-------------------------------|----------------------------|----------------------------|--------------------------------------|--------------|--------------|--------------|------------------------|--------------|--------------|-----------------|------------------|---------------------------------|------------------------|--------------|------|------------------------------|------------------------------|-------------|------------------------------------|--------------------------------|--|--|--|
| | | | | WATER | SOIL | AIR | SLUDGE | OTHER | HCl | HNO3 | ICE | NONE | OTHER | DATE | TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | 1 | 100 | X | | | | | | X | | | 11/11 | 10:30 | X | | | | | | | | | | | | | | | | | | | | | | X | | | | | |
| 2 | | 1 | 100 | X | | | | | | X | | | 11/11 | 10:35 | X | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| 3 | | 1 | 100 | X | | | | | | X | | | 11/11 | 10:40 | X | | | | | | | | | | | | | | | | | | | | | | | X | | | | |
| 4 | | 1 | 100 | X | | | | | | X | | | 11/11 | 10:50 | X | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| 5 | | 1 | 100 | X | | | | | | X | | | 11/11 | 11:00 | X | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| 6 | | 1 | 100 | X | | | | | | X | | | 11/11 | 11:05 | X | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| 7 | | 1 | 100 | X | | | | | | X | | | 11/11 | 11:07 | X | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| 8 | | 1 | 100 | X | | | | | | X | | | 11/11 | 11:10 | X | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| 9 | | 1 | 100 | X | | | | | | X | | | 11/11 | 11:14 | X | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| 10 | | 1 | 100 | X | | | | | | X | | | 11/11 | 11:14 | X | | | | | | | | | | | | | | | | | | | | | | | | X | | | |
| 11 | | 1 | 100 | X | | | | | | X | | | 11/11 | 11:23 | X | | | | | | | | | | | | | | | | | | | | | | | | X | | | |

| | | |
|----------------------------------------|---------------------------------|-------------------------------|
| Relinquished by: <u>Cher L. Mubler</u> | Date Time: <u>11/11/28 2:30</u> | Received by: _____ |
| Relinquished by: _____ | Date Time: _____ | Received by: _____ |
| Relinquished by: _____ | Date Time: _____ | Received by Laboratory: _____ |

Remarks: _____

STANTON AVE.




LEGEND

⊕ SOIL SAMPLE LOCATIONS

FIGURE 1
SITE PLAN

0 FEET 20
[Scale bar]

CIRCLE K
CASTRO VALLEY, CALIF.

 GROUNDWATER
TECHNOLOGY, INC.