



WZI INC.

Bakersfield

4700 Stockdale Highway, Suite 120  
Post Office Box 9217  
Bakersfield, California 93389  
805/326-1112 805/326-0191 FAX

FAX LEAD SHEET

To: SGM

Company: \_\_\_\_\_

From: CAR

Subject: \_\_\_\_\_

Message: could not find anything in correspondence  
found this in Backup - Hope it helps

Total Number of Pages, Include Cover Page: 8

Date Transmitted: 8-9-95

Fax Number: 209-369-9358

Telephone Number: \_\_\_\_\_

File Number: 0370010

CONFIRMING TELEPHONE NUMBER IS (805) 326-1112

WZI INC. FAX NUMBER IS (805) 326-0191

Oper.: Date Sent: 8/9 Time Sent: 11:00 Initials: BB Return Original: Y N Copy Sender: Y N



# ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94568

VOICE (510) 484-2600  
FAX (510) 462-3914

## DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 3880 Mountain House Rd  
Byron, CA

PERMIT NUMBER \_\_\_\_\_  
LOCATION NUMBER \_\_\_\_\_

CLIENT X Agriculture Industries  
Address 3002 V. Beacon Ave Voice 916-372-5555  
West Sacramento Zip 95691

### PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT X DRAGLINE SERVICES  
Address \_\_\_\_\_  
City \_\_\_\_\_  
Zip \_\_\_\_\_

#### A. GENERAL

1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

#### B. WATER WELLS, INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

#### C. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

#### D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

#### E. WELL DESTRUCTION. See attached.

#### TYPE OF PROJECT

|                     |          |                            |       |
|---------------------|----------|----------------------------|-------|
| Construction        | _____    | Geotechnical Investigation | _____ |
| Cathodic Protection | _____    | General                    | _____ |
| Water Supply        | _____    | Contamination              | _____ |
| Monitoring          | <u>X</u> | Well Destruction           | _____ |

#### PROPOSED WATER SUPPLY WELL USE

Domestic \_\_\_\_\_ Industrial \_\_\_\_\_ Other \_\_\_\_\_  
Municipal \_\_\_\_\_ Irrigation \_\_\_\_\_

#### DRILLING METHOD:

Conventional Rotary \_\_\_\_\_ Air Rotary \_\_\_\_\_ Auger X  
Other \_\_\_\_\_

DRILLER'S LICENSE NO. \_\_\_\_\_

#### WELL PROJECTS

|                     |              |         |               |
|---------------------|--------------|---------|---------------|
| Drill Hole Diameter | <u>8</u> in. | Maximum |               |
| Casing Diameter     | _____ in.    | Depth   | <u>40</u> ft. |
| Surface Seal Depth  | _____ ft.    | Number  | <u>12</u>     |

#### GEOTECHNICAL PROJECTS

|                   |              |         |               |
|-------------------|--------------|---------|---------------|
| Number of Borings | <u>12</u>    | Maximum |               |
| Hole Diameter     | <u>8</u> in. | Depth   | <u>40</u> ft. |

ESTIMATED STARTING DATE 5-2-93  
ESTIMATED COMPLETION DATE 5-30-93

Approved [Signature] Date \_\_\_\_\_

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE [Signature] Date X

MW-1

| COMPLETION<br>DIAGRAM   | ANALYSES     |                      | Blowcount | DEPTH (feet) | SAMPLE    |           | lithology symbol | u.s.c.s. desig   | SOIL DESCRIPTION   |
|---|--------------|----------------------|-----------|--------------|-----------|-----------|------------------|--|--|
|   | Lab          | Field                |           |              | INTERVAL  | NUMBER    |                  |  |  |
|   | TPH<br>(ppm) | OVM<br>P.I.D.<br>ppm |           |              |           |           |                  |  |  |
| <p>LOCKING WELL CAP</p> <p>① BLANK CASING<br/>2" SCHEDULE 40<br/>PVC</p> <p>② CEMENT SURFACE<br/>SEAL</p> <p>③ 3' Bentonite<br/>seal</p> <p>④ Monterey No. 2<br/>sand pack</p> <p>⑤ SCREENED CASING<br/>OID</p> <p>Bentonite seal</p> | ND           | 0                    | 0         | 0            |           |           |                  |  | Dark brown, fine grained sand and silt, moist, micaceous no petroleum odor                   |
|   | ND           | 0                    | 11        | 10           | X         | MW-1-11.5 |                  |  | as above   |
|   | ND           | 0                    | 12        | 15           | X         | MW-1-16.5 |                  |  | as above   |
|   | ND           | 0                    | 13        | 20           | X         | MW-1-21.5 |                  |  | as above   |
|   | ND           | 1.6                  | 15        | 25           | X         | MW-1-26.5 |                  |  | Dark brown, fine to medium grained sand, local gravel bed to 1 foot thick. No petroleum odor |
| ND  | 0            | 17                   | 30        | X            | MW-1-31.5 |           |                  | Dark brown, fine-grained sand and silt, moist, micaceous, no petroleum odor. |  |

SURFACE ELEVATION: NA  
 TOTAL DEPTH: 34.5'  
 DATE DRILLED: 9-26-93

LOGGED BY: S. MUIR  
 SUPERVISED BY:  
 DIAMETER OF BORING: 8"  
 WATER ENCOUNTERED AT: 15.0'



WZI

| COMPLETION<br>DIAGRAM  | ANALYSES   |                      | Blowcount | DEPTH (feet) | SAMPLE   |        | lithology symbol | u.s.c.s. desig | SOIL DESCRIPTION   |          |
|--|------------|----------------------|-----------|--------------|----------|--------|------------------|----------------|--|----------|
|  | Lab        | Field                |           |              | INTERVAL | NUMBER |                  |                |  |          |
|  | TPH<br>ppm | OVM<br>P.I.D.<br>ppm |           |              |          |        |                  |                |  |          |
| <p>LOCKING WELL CAT</p> <p>① BLANK CASING<br/>2" SCHEDULE 40<br/>PVC</p> <p>② CEMENT SURFACE SEAL</p> <p>③ 3' Bentonite Seal</p> <p>④ Monterey No. 2 Sand Pack</p> <p>⑤ SCREENED CASING<br/>OD</p> <p>Drainside soil</p> |            |                      |           | 0            |          |        |                  |                | Dark brown, fine grained sand and silt, moist, micaceous no petroleum odor |          |
|  | ND         | ND                   | 0         | 5            |          |        |                  |                | as above   |          |
|  | ND         | ND                   | 0         | 5            | 10       | X      | 2                | MW-2 11.5      |  | as above |
|  | ND         | ND                   | 0         | 5            | 15       | X      | 2                | MW-2 16.5      |  | as above |
|  | ND         | ND                   | 0         | 5            | 20       | X      | 2                | MW-2 21.5      |  | as above |
|  | ND         | ND                   | 0         | 5            | 25       | X      | 2                | MW-2 26.5      |  | as above |
|  | ND         | ND                   | 0         | 5            | 30       | X      | 2                | MW-2 31.5      |  | as above |
|  |            |                      |           | 35           |          |        |                  |                |  |          |
|  |            |                      |           | 40           |          |        |                  |                |  |          |
|  |            |                      |           | 45           |          |        |                  |                |  |          |

SURFACE ELEVATION: NA  
 TOTAL DEPTH: 31.5  
 DATE DRILLED: 9-26-93

LOGGED BY: S. Muir  
 SUPERVISED BY:  
 DIAMETER OF BORING: 8"  
 WATER ENCOUNTERED AT: 15.0'



MW-#3

| COMPLETION<br>DIAGRAM   | ANALYSES     |                      | Blowcount | DEPTH (feet) | SAMPLE   |           | lithology symbol | u.s.c.s. desig | SOIL DESCRIPTION  |
|---|--------------|----------------------|-----------|--------------|----------|-----------|------------------|----------------|---|
|   | Lab          | Field                |           |              | INTERVAL | NUMBER    |                  |                |   |
|   | TPH<br>(ppm) | OVM<br>P.I.D.<br>ppm |           |              |          |           |                  |                |   |
| <p>LOCKING WELL CAP</p> <p>1 BLANK CASING<br/>2" SCHEDULE 40</p> <p>2 PVC<br/>CEMENT SURFACE<br/>SEAL</p> <p>3 3' Bentonite<br/>Seal</p> <p>4 Montpelier No. 2<br/>Sand Pack</p> <p>5 SCREENED CASING<br/>OID</p> <p>Bentonite<br/>seal</p> | ND           | ND                   | 0         | 0            | 3        | MW-1-11.5 |                  |                | Dark brown, fine grained sand and silt, moist, micaceous no petroleum odor                  |
|   | ND           | ND                   | 0         | 11.5         | 3        | MW-1-16.5 |                  |                | as above  |
|   | ND           | ND                   | 0         | 16.5         | 3        | MW-1-21.5 |                  |                | as above  |
|   | ND           | ND                   | 0         | 21.5         | 3        | MW-1-26.5 |                  |                | as above  |
|   | ND           | ND                   | 0         | 26.5         | 3        | MW-1-31.5 |                  |                | DARK BROWN FINE-MEDIUM GRAINED SAND, LOCAL GRAVEL BEDS UP TO 2 FEET THICK No petroleum odor |
|   | ND           | ND                   | 0         | 31.5         | 3        | MW-4-31.5 |                  |                | DARK BROWN, fine-grained sand and silt, moist, micaceous, no petroleum odor.                |

SURFACE ELEVATION: NA  
 TOTAL DEPTH: 31.5  
 DATE DRILLED: 9-25-93  
 10-4

LOGGED BY: S. MUIR  
 SUPERVISED BY:  
 DIAMETER OF BORING: 8"  
 WATER ENCOUNTERED AT: 15.0'



WZ1

| COMPLETION<br>DIAGRAM  | ANALYSES     |                      | Blowcount | DEPTH (feet) | SAMPLE   |           | lithology symbol | u.s.c.s. desig | SOIL DESCRIPTION   |
|--|--------------|----------------------|-----------|--------------|----------|-----------|------------------|----------------|--|
|  | Lab          | Field                |           |              | INTERVAL | NUMBER    |                  |                |  |
|  | TPH<br>(ppm) | OVM<br>P.I.D.<br>ppm |           |              |          |           |                  |                |  |
| <p>LOCKING WELL CAP</p> <p>① BLANK CASING<br/>2" SCHEDULE 40<br/>PVC</p> <p>② CEMENT SURFACE SEAL</p> <p>③ 3' Bentonite Seal</p> <p>④ Monterey No. 2 Sand Wick</p> <p>⑤ SCREENED CASING<br/>OD</p> <p>Dentonite seal</p> | ND           | ND                   | 0         | 0            |          |           |                  |                | Dark brown, fine grained sand and silt, moist, micaceous no petroleum odor |
|  | ND           | ND                   | 0         | 10           | 5        | MW-# 11.5 |                  |                | as above   |
|  | ND           | ND                   | 0         | 15           | 5        | MW-# 16.5 |                  |                | as above   |
|  | ND           | ND                   | 0         | 20           | 5        | MW-# 21.5 |                  |                | as above   |
|  | ND           | ND                   | 0         | 25           | 5        | MW-# 26.5 |                  |                | as above   |
|  | ND           | ND                   | 0         | 30           | 5        | MW-# 31.5 |                  |                | as above   |

SURFACE ELEVATION: NA  
 TOTAL DEPTH: 31.5  
 DATE DRILLED: ~~7-19~~ 10-19-93

LOGGED BY: S. MUIR  
 SUPERVISED BY:  
 DIAMETER OF BORING: 8"  
 WATER ENCOUNTERED AT: 15.0'

